

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102623\
 Data File : VN079694.D
 Acq On : 26 Oct 2023 12:43
 Operator : JC\MD
 Sample : VN1026MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2023
 Supervised By : Mahesh Dadoda 10/27/2023

Quant Time: Oct 27 01:19:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	259467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	445683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	403126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	165688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	212350	50.475	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.940%			
35) Dibromofluoromethane	8.171	113	168547	52.624	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.240%			
50) Toluene-d8	10.571	98	624671	53.903	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.800%			
62) 4-Bromofluorobenzene	12.853	95	196742	52.901	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	63233	17.007	ug/l	97
3) Chloromethane	2.365	50	75083	16.185	ug/l	94
4) Vinyl Chloride	2.518	62	84342	17.478	ug/l	97
5) Bromomethane	2.959	94	64367	22.282	ug/l	98
6) Chloroethane	3.124	64	56087	15.417	ug/l	95
7) Trichlorofluoromethane	3.501	101	104803	18.395	ug/l	99
8) Diethyl Ether	3.965	74	37229	18.329	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.377	101	61900	18.591	ug/l	99
10) Methyl Iodide	4.595	142	62510	21.636	ug/l #	98
11) Tert butyl alcohol	5.530	59	48189	76.105	ug/l	100
12) 1,1-Dichloroethene	4.342	96	53471	17.442	ug/l #	82
13) Acrolein	4.183	56	42454	67.335	ug/l	95
14) Allyl chloride	5.030	41	84646	17.110	ug/l	89
15) Acrylonitrile	5.730	53	165833	90.336	ug/l	99
16) Acetone	4.430	43	165614	99.250	ug/l	90
17) Carbon Disulfide	4.712	76	144683	15.130	ug/l	98
18) Methyl Acetate	5.030	43	139085	17.030	ug/l #	82
19) Methyl tert-butyl Ether	5.800	73	188683	18.943	ug/l	95
20) Methylene Chloride	5.283	84	69412	18.618	ug/l #	86
21) trans-1,2-Dichloroethene	5.789	96	62479	17.450	ug/l #	85
22) Diisopropyl ether	6.671	45	214650	19.349	ug/l #	92
23) Vinyl Acetate	6.612	43	559226	89.620	ug/l #	85
24) 1,1-Dichloroethane	6.577	63	127948	18.846	ug/l	97
25) 2-Butanone	7.489	43	227678	91.930	ug/l #	78
26) 2,2-Dichloropropane	7.494	77	102681	19.790	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	71380	18.351	ug/l	85
28) Bromochloromethane	7.818	49	71109	22.013	ug/l #	73
29) Tetrahydrofuran	7.841	42	142740	89.114	ug/l #	74
30) Chloroform	7.971	83	129404	18.864	ug/l	96
31) Cyclohexane	8.259	56	98274	16.468	ug/l #	84
32) 1,1,1-Trichloroethane	8.171	97	109919	19.041	ug/l	94
36) 1,1-Dichloropropene	8.377	75	91987	19.136	ug/l	96
37) Ethyl Acetate	7.565	43	88326	18.466	ug/l #	92
38) Carbon Tetrachloride	8.371	117	92820	19.288	ug/l	96
39) Methylcyclohexane	9.606	83	81334	17.611	ug/l #	84
40) Benzene	8.612	78	278266	19.492	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	48510	19.291	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	101613	19.589	ug/l	99
43) Isopropyl Acetate	8.694	43	139716	16.673	ug/l #	93
44) Trichloroethene	9.353	130	65953	19.628	ug/l	93
45) 1,2-Dichloropropane	9.624	63	74977	19.933	ug/l	99
46) Dibromomethane	9.712	93	49064	20.140	ug/l	96
47) Bromodichloromethane	9.894	83	103573	20.669	ug/l	98
48) Methyl methacrylate	9.682	41	64881	18.068	ug/l #	85
49) 1,4-Dioxane	9.700	88	22270	336.693	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	453445	95.857	ug/l	89
52) Toluene	10.635	92	170120	20.244	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	99847	19.772	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	112371	20.327	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	70594	20.925	ug/l	93
56) Ethyl methacrylate	10.882	69	90518	19.526	ug/l #	79
57) 1,3-Dichloropropane	11.171	76	119153	20.454	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	172641	97.242	ug/l #	88
59) 2-Hexanone	11.200	43	318984	93.447	ug/l	88
60) Dibromochloromethane	11.359	129	68856	20.308	ug/l	99
61) 1,2-Dibromoethane	11.477	107	66082	19.738	ug/l	98
64) Tetrachloroethene	11.106	164	54664	19.712	ug/l	97
65) Chlorobenzene	11.894	112	176734	19.686	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	67798	20.625	ug/l	99
67) Ethyl Benzene	11.971	91	304418	19.509	ug/l	95
68) m/p-Xylenes	12.076	106	229416	40.463	ug/l	94
69) o-Xylene	12.400	106	109467	19.632	ug/l	93
70) Styrene	12.418	104	178924	20.315	ug/l	97
71) Bromoform	12.582	173	45748	19.016	ug/l #	98
73) Isopropylbenzene	12.700	105	281024	18.231	ug/l	100
74) N-amyl acetate	12.500	43	108647	17.193	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	99693	19.291	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	88550m	18.536	ug/l	
77) Bromobenzene	12.982	156	68647	18.163	ug/l	98
78) n-propylbenzene	13.041	91	330956	18.977	ug/l	97
79) 2-Chlorotoluene	13.129	91	203436	18.229	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	233029	19.171	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	27044	16.426	ug/l #	82
82) 4-Chlorotoluene	13.223	91	198876	18.728	ug/l	100
83) tert-Butylbenzene	13.441	119	186461	18.724	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	229144	19.754	ug/l	99
85) sec-Butylbenzene	13.618	105	264815	19.064	ug/l	100
86) p-Isopropyltoluene	13.735	119	207138	19.438	ug/l	100
87) 1,3-Dichlorobenzene	13.741	146	113847	18.991	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	114144	18.440	ug/l	99
89) n-Butylbenzene	14.059	91	160546	18.867	ug/l	97
90) Hexachloroethane	14.335	117	44587	19.982	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	111828	19.124	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14066	15.781	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	28524	15.750	ug/l	93
94) Hexachlorobutadiene	15.506	225	26274	18.627	ug/l	99
95) Naphthalene	15.647	128	72397	13.091	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	33369	15.440	ug/l	96

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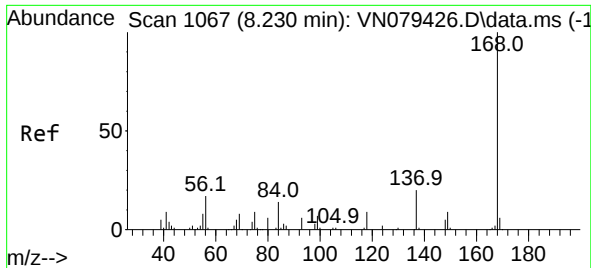
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APPROVED

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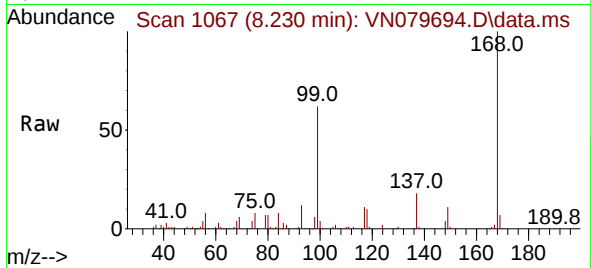
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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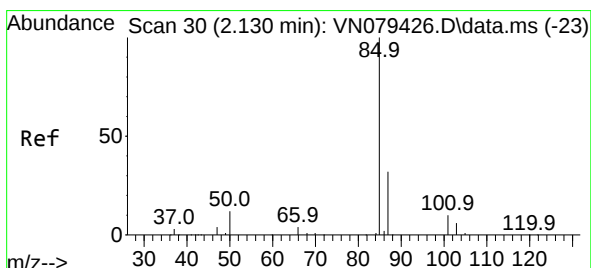
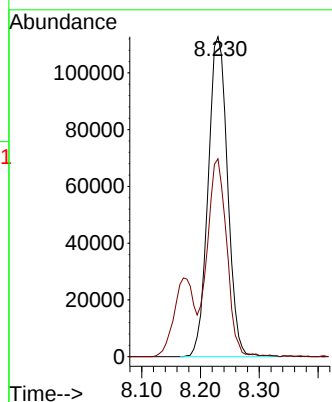
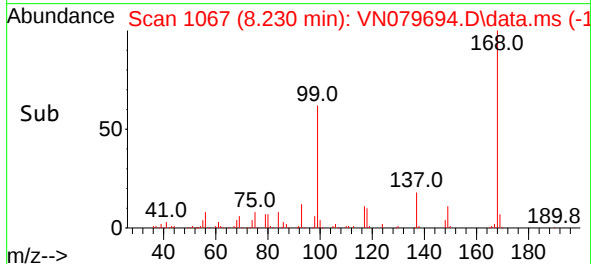
Instrument :
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Tgt Ion:168 Resp: 25946
Ion Ratio Lower Upper
168 100
99 61.9 53.0 79.6

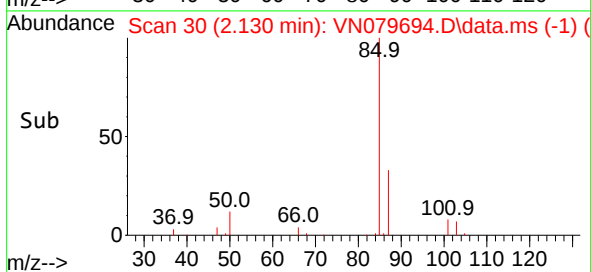
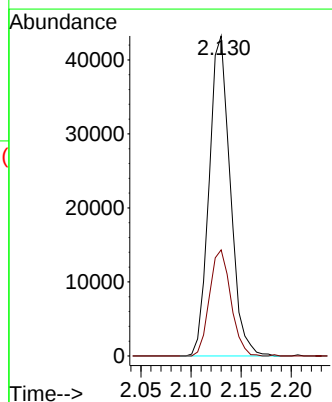
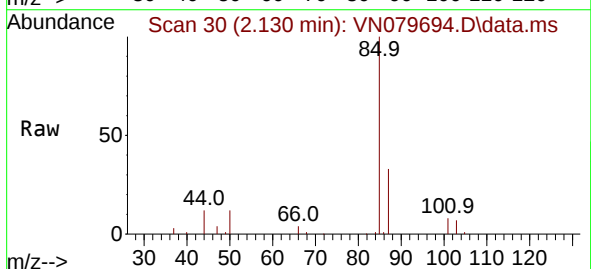
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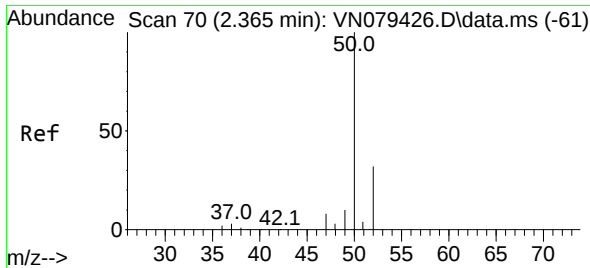
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#2
Dichlorodifluoromethane
Concen: 17.007 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

Tgt Ion: 85 Resp: 63233
Ion Ratio Lower Upper
85 100
87 33.2 15.8 47.4





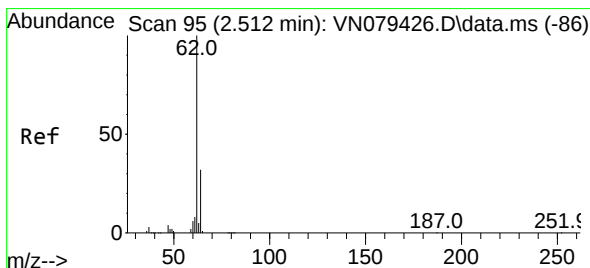
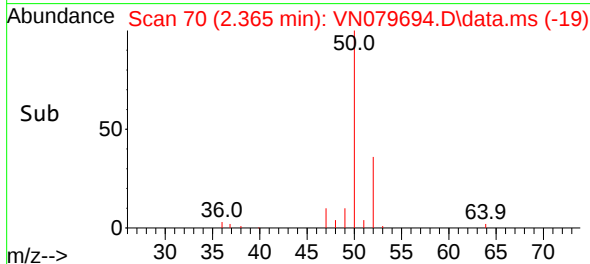
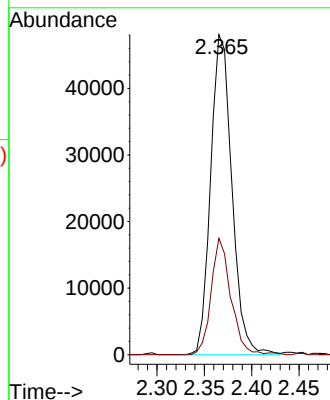
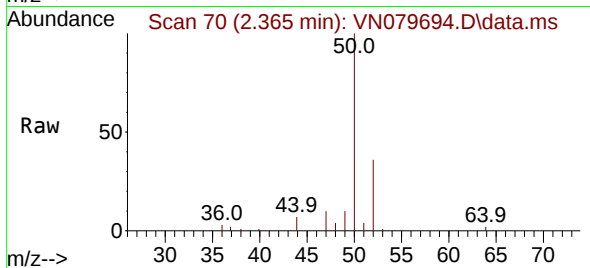
#3
Chloromethane
Concen: 16.185 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079694.D
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Tgt Ion: 50 Resp: 7508
Ion Ratio Lower Upper
50 100
52 36.3 26.5 39.7

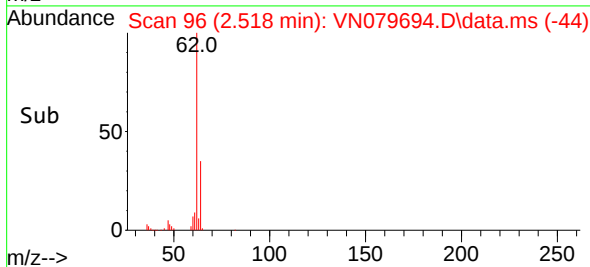
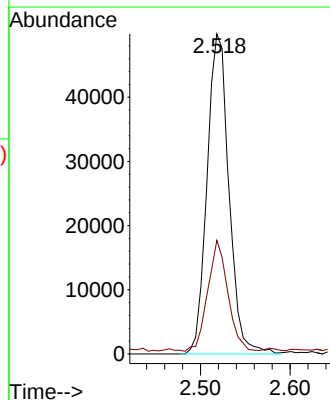
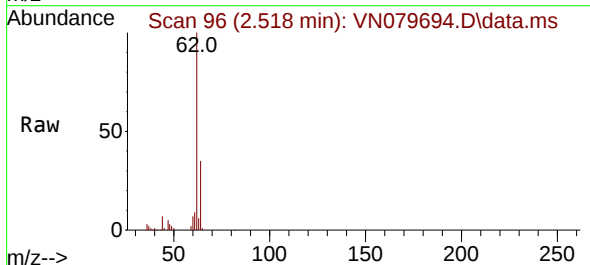
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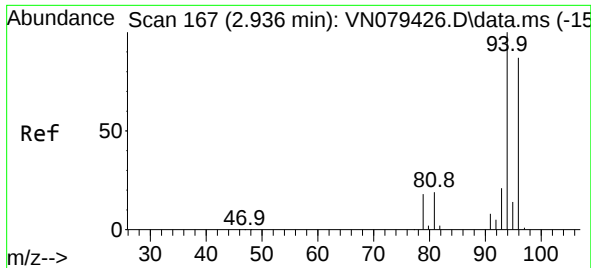
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#4
Vinyl Chloride
Concen: 17.478 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

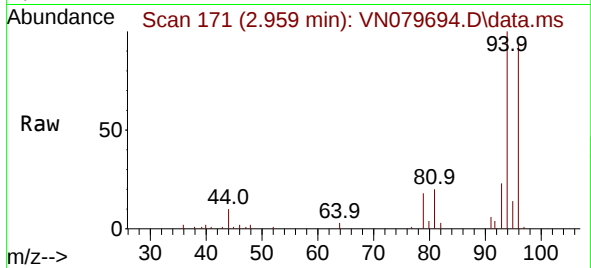
Tgt Ion: 62 Resp: 84342
Ion Ratio Lower Upper
62 100
64 34.4 26.2 39.2





#5
Bromomethane
Concen: 22.282 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN079694.D
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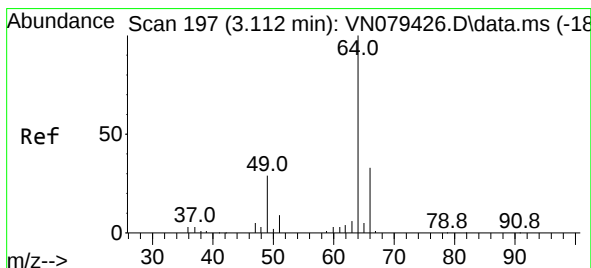
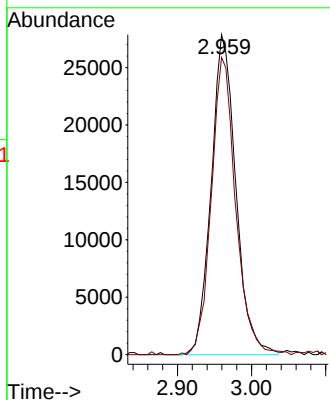
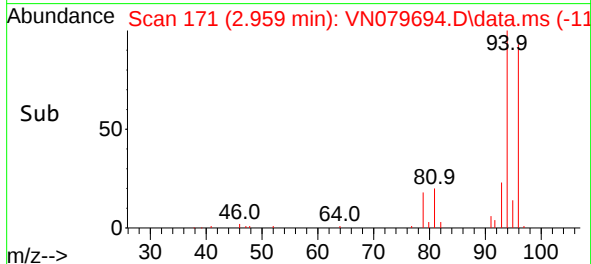
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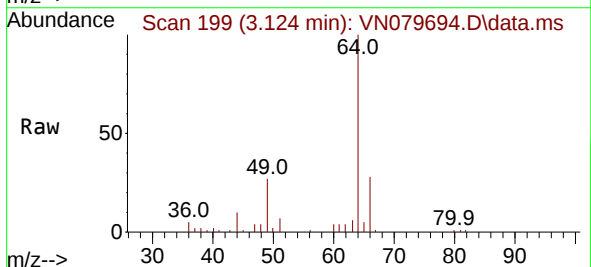
Tgt Ion: 94 Resp: 6436
Ion Ratio Lower Upper
94 100
96 92.9 73.1 109.7

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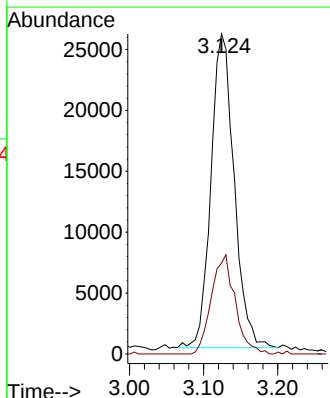
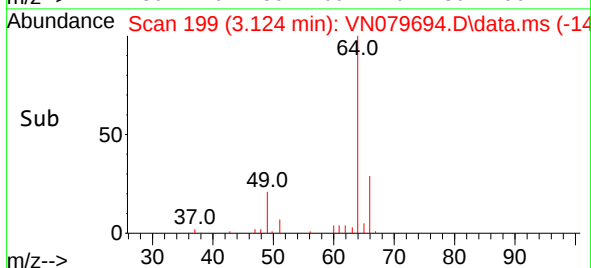
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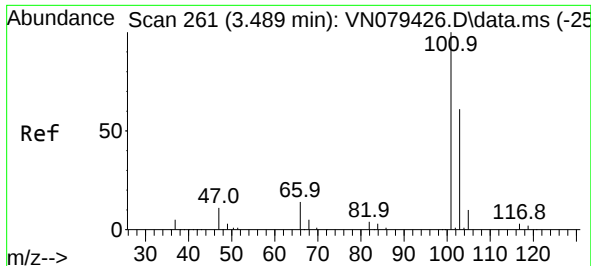


#6
Chloroethane
Concen: 15.417 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
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Tgt Ion: 64 Resp: 56087
Ion Ratio Lower Upper
64 100
66 28.9 25.4 38.2





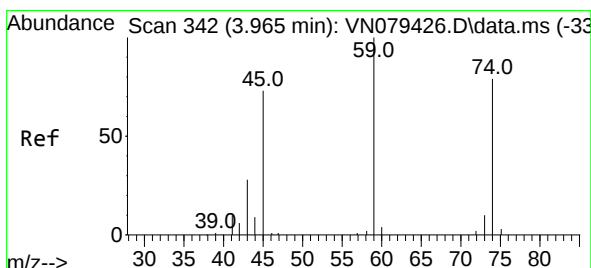
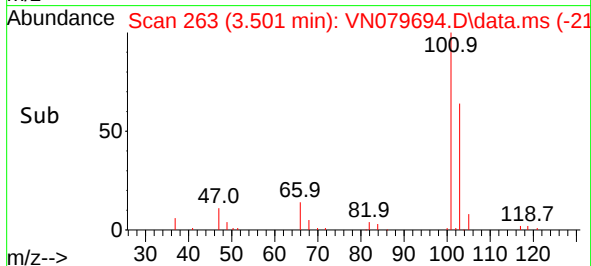
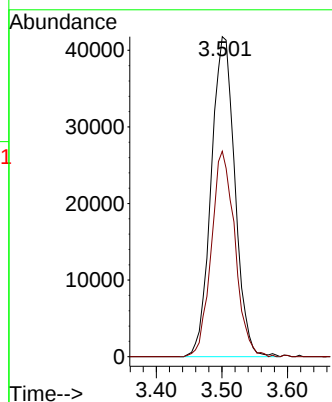
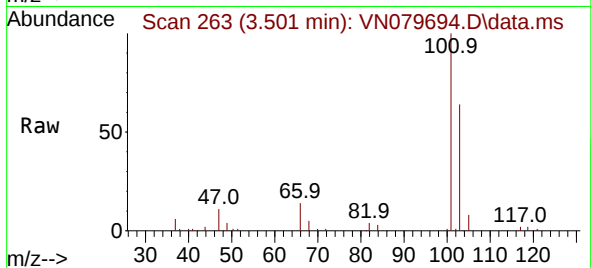
#7
Trichlorofluoromethane
Concen: 18.395 ug/l
RT: 3.501 min Scan# 261
Delta R.T. 0.012 min
Lab File: VN079694.D
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Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 10480
Ion Ratio Lower Upper
101 100
103 64.2 50.7 76.1

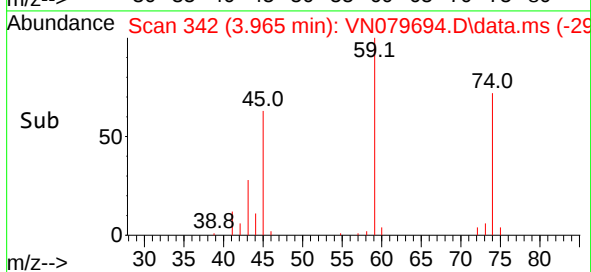
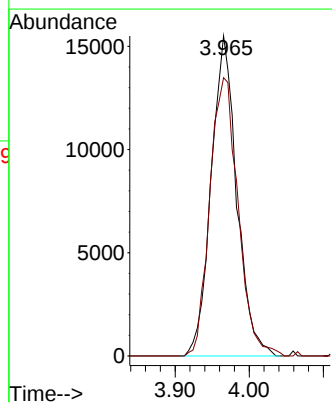
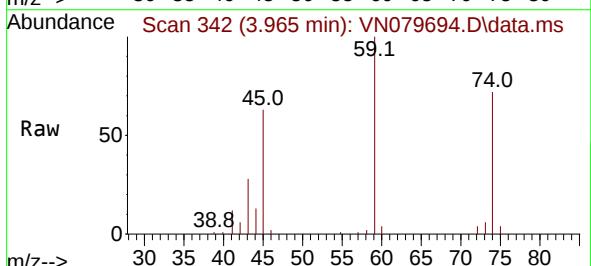
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#8
Diethyl Ether
Concen: 18.329 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 37229
Ion Ratio Lower Upper
74 100
45 96.0 34.4 103.3





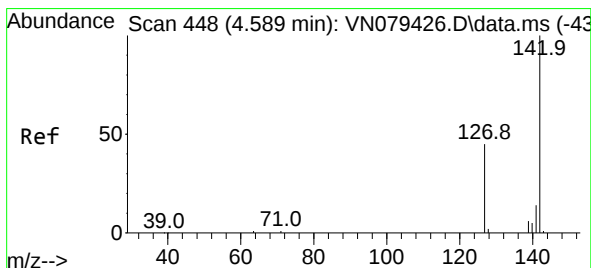
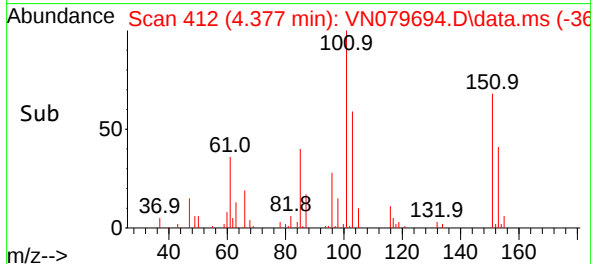
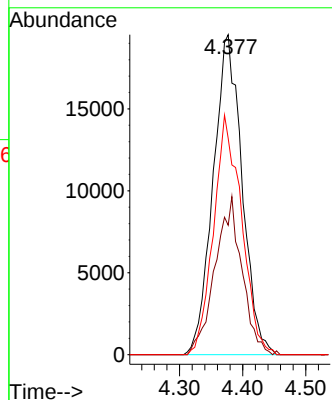
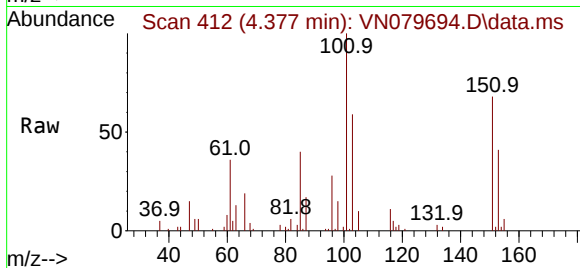
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.591 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02

Tgt Ion:101 Resp: 61900
Ion Ratio Lower Upper
101 100
85 46.0 36.6 55.0
151 72.6 57.6 86.4

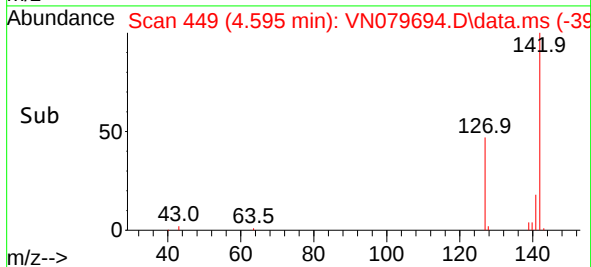
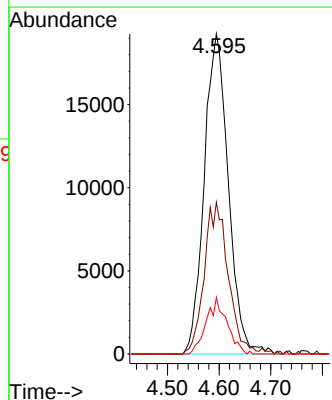
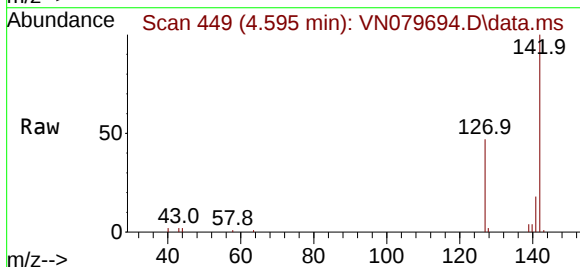
Manual Integrations
APPROVED

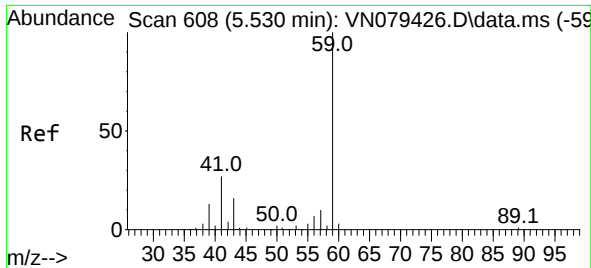
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#10
Methyl Iodide
Concen: 21.636 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

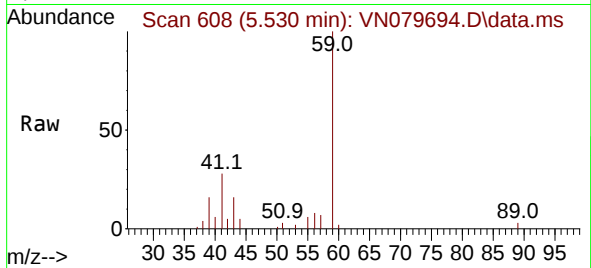
Tgt Ion:142 Resp: 62510
Ion Ratio Lower Upper
142 100
127 47.4 37.6 56.4
141 17.6 11.4 17.0#





#11
Tert butyl alcohol
Concen: 76.105 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

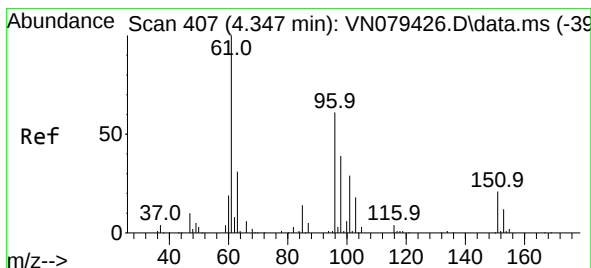
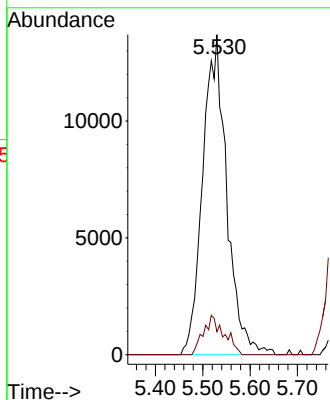
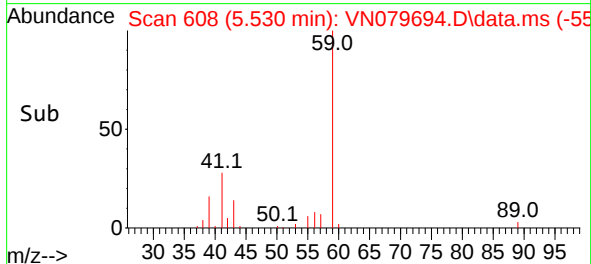
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02



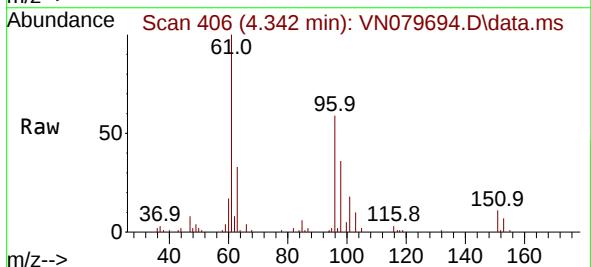
Tgt Ion: 59 Resp: 48189
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

Manual Integrations
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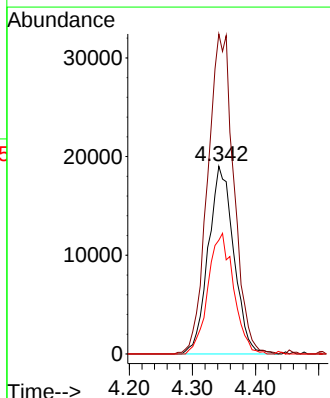
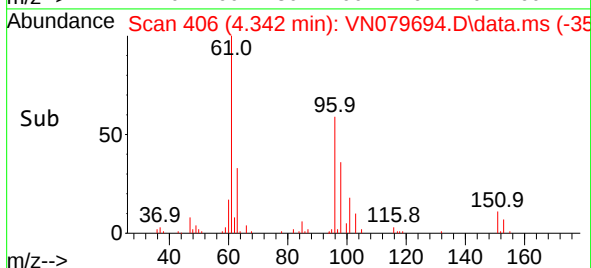
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

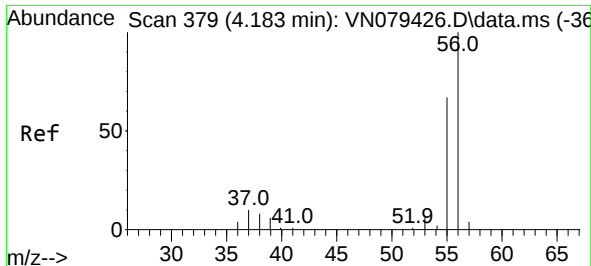


#12
1,1-Dichloroethene
Concen: 17.442 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43



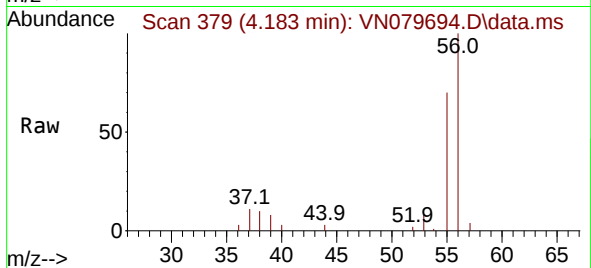
Tgt Ion: 96 Resp: 53471
Ion Ratio Lower Upper
96 100
61 170.5 112.7 169.1#
98 60.6 51.2 76.8





#13
Acrolein
Concen: 67.335 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

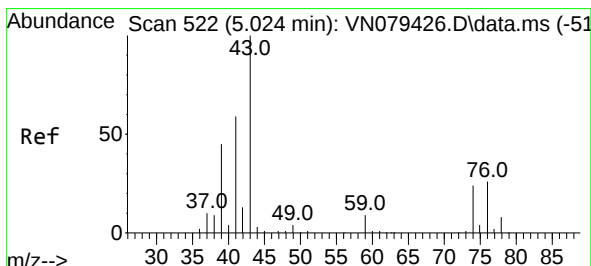
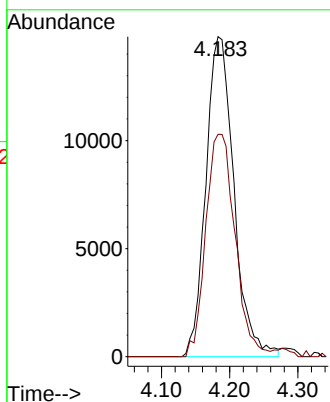
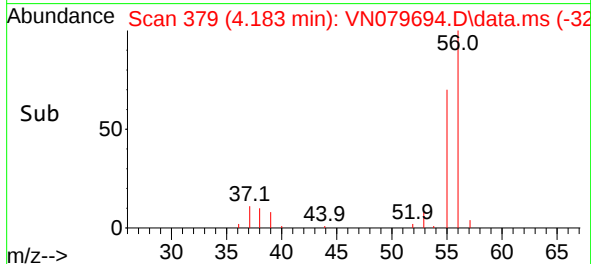
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02



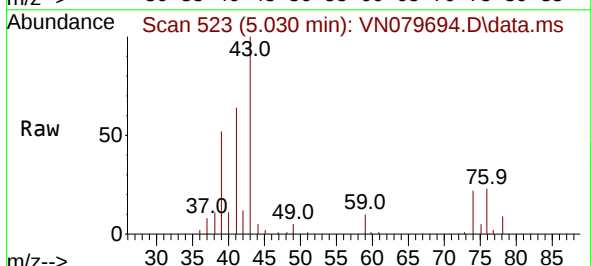
Tgt Ion: 56 Resp: 42454
Ion Ratio Lower Upper
56 100
55 72.5 54.5 81.7

Manual Integrations
APPROVED

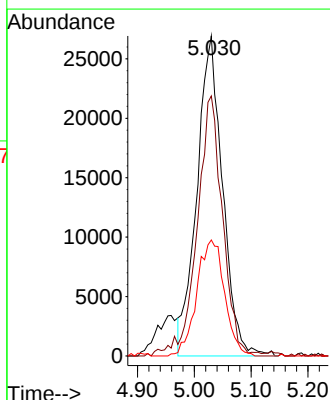
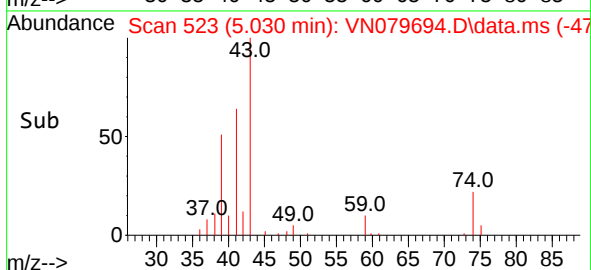
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

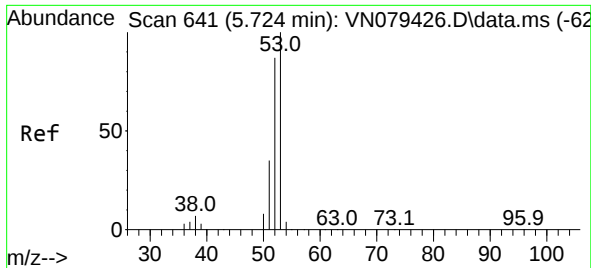


#14
Allyl chloride
Concen: 17.110 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43



Tgt Ion: 41 Resp: 84646
Ion Ratio Lower Upper
41 100
39 80.5 58.8 88.2
76 39.2 39.1 58.7





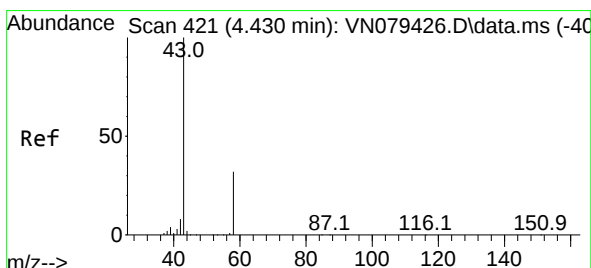
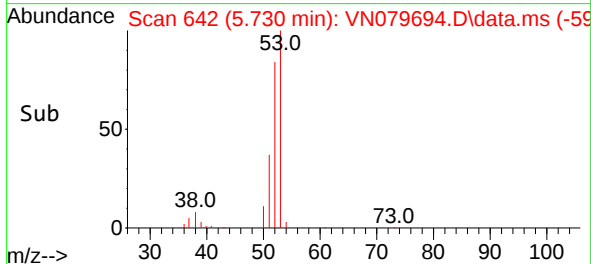
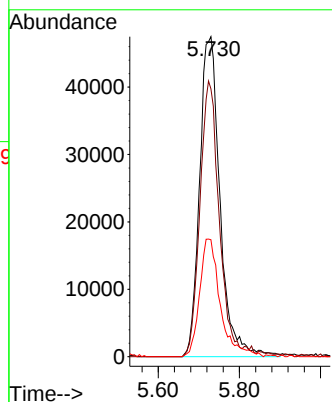
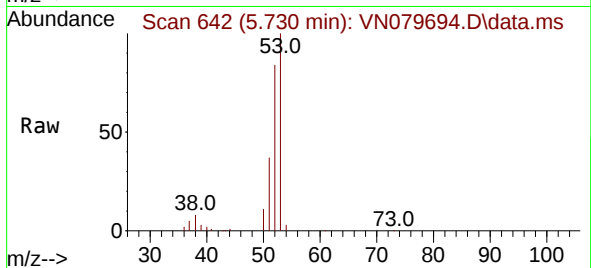
#15
Acrylonitrile
Concen: 90.336 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02

Tgt Ion: 53 Resp: 165833
Ion Ratio Lower Upper
53 100
52 80.6 65.3 97.9
51 37.2 28.9 43.3

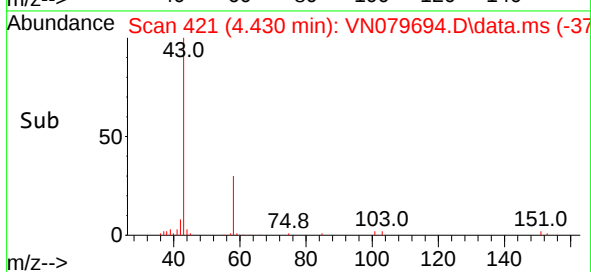
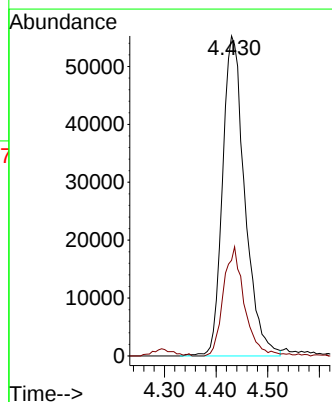
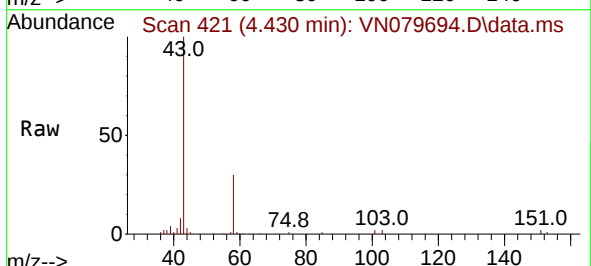
Manual Integrations
APPROVED

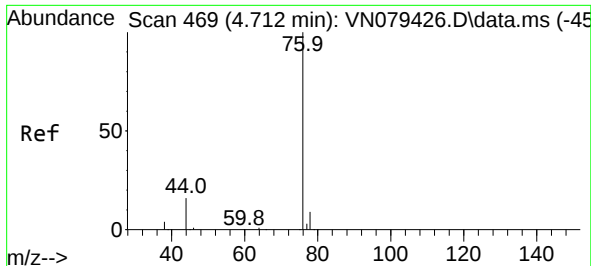
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#16
Acetone
Concen: 99.250 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

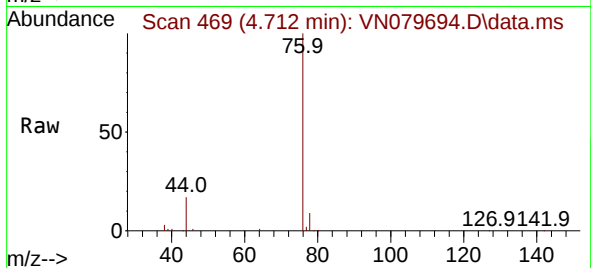
Tgt Ion: 43 Resp: 165614
Ion Ratio Lower Upper
43 100
58 29.3 28.0 42.0





#17
Carbon Disulfide
Concen: 15.130 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

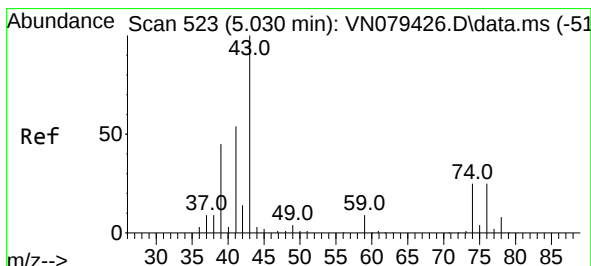
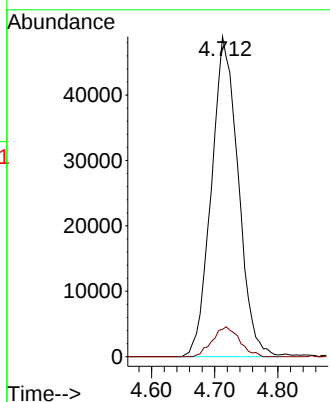
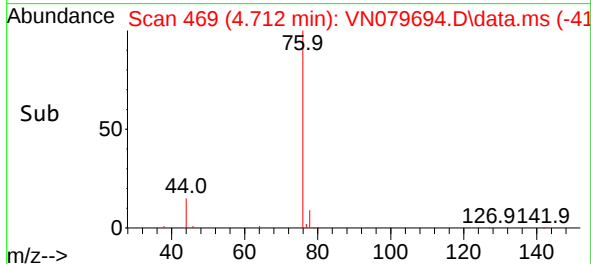
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02



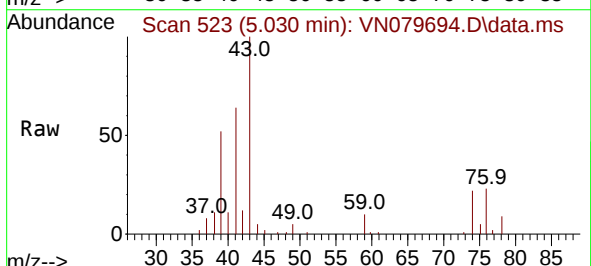
Tgt Ion: 76 Resp: 144683
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

Manual Integrations
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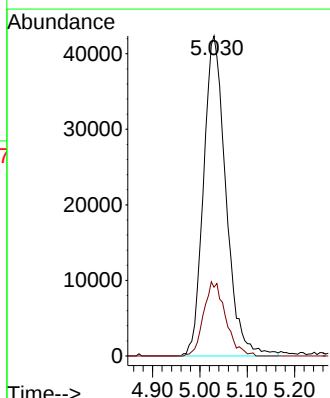
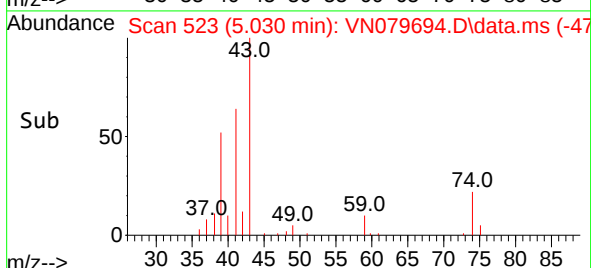
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

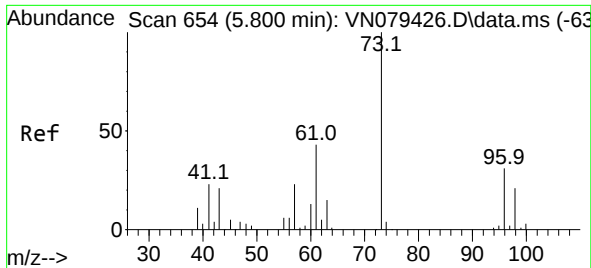


#18
Methyl Acetate
Concen: 17.030 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43



Tgt Ion: 43 Resp: 139085
Ion Ratio Lower Upper
43 100
74 22.8 26.2 39.4#





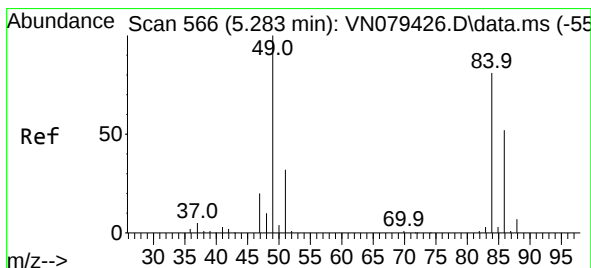
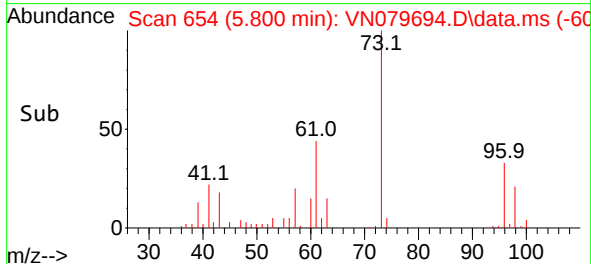
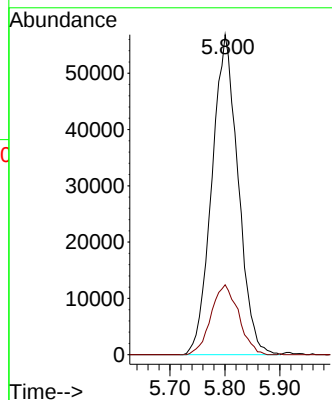
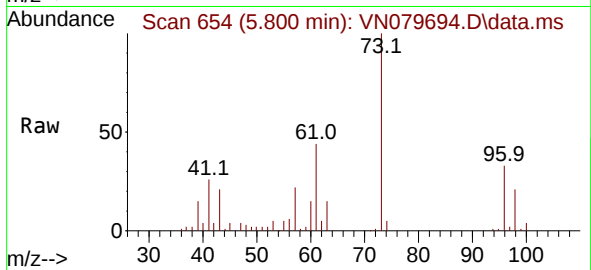
#19
Methyl tert-butyl Ether
Concen: 18.943 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02

Tgt Ion: 73 Resp: 18868
Ion Ratio Lower Upper
73 100
57 21.9 15.6 23.4

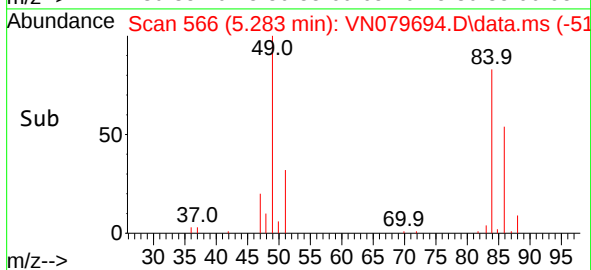
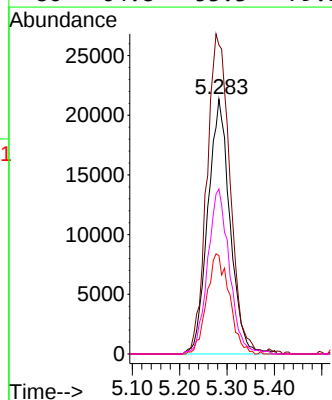
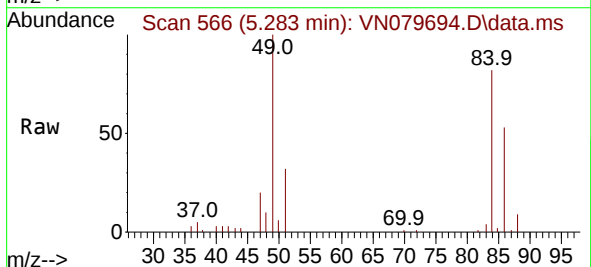
Manual Integrations
APPROVED

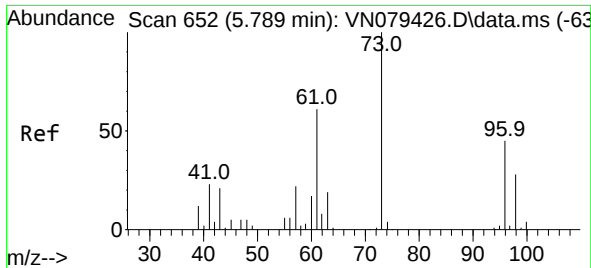
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#20
Methylene Chloride
Concen: 18.618 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

Tgt Ion: 84 Resp: 69412
Ion Ratio Lower Upper
84 100
49 121.2 79.7 119.5#
51 38.6 25.2 37.8#
86 64.8 53.3 79.9





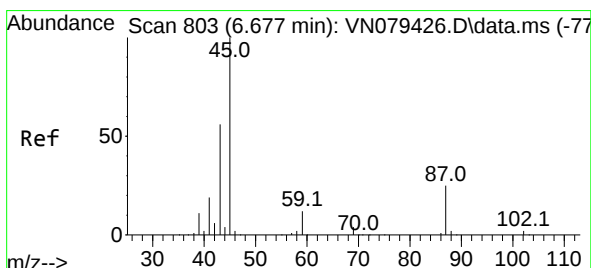
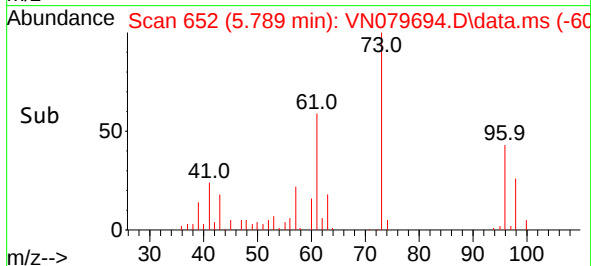
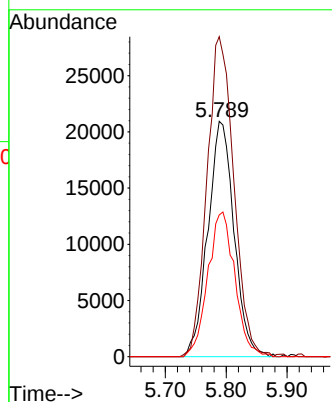
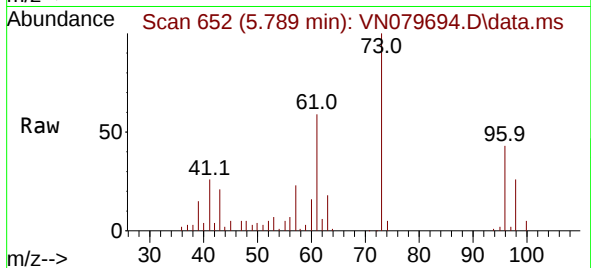
#21
trans-1,2-Dichloroethene
Concen: 17.450 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02

Tgt Ion: 96 Resp: 62479
Ion Ratio Lower Upper
96 100
61 136.0 90.1 135.1#
98 60.3 46.4 69.6

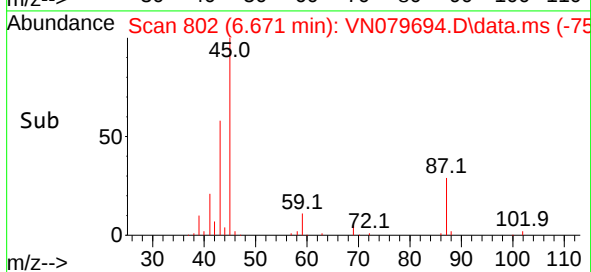
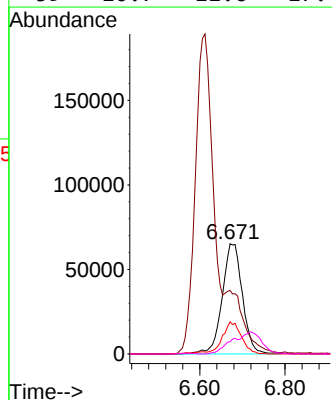
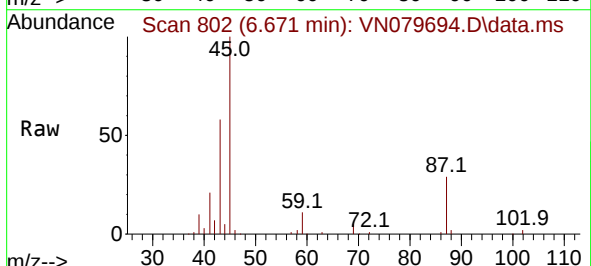
Manual Integrations
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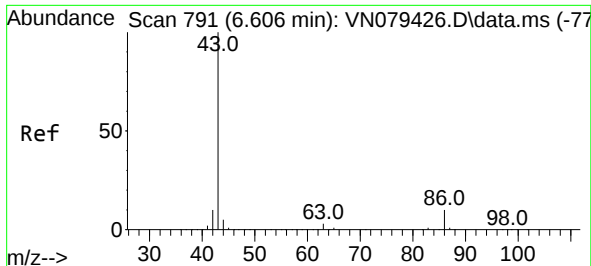
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#22
Diisopropyl ether
Concen: 19.349 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

Tgt Ion: 45 Resp: 214650
Ion Ratio Lower Upper
45 100
43 56.2 45.5 68.3
87 29.1 31.8 47.8#
59 10.7 11.6 17.4#





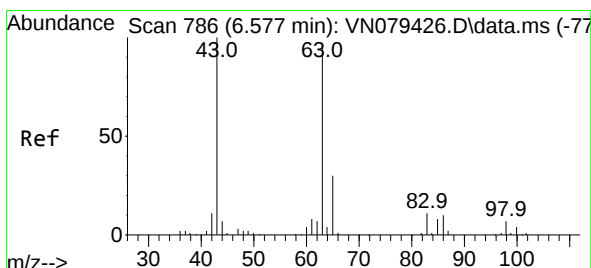
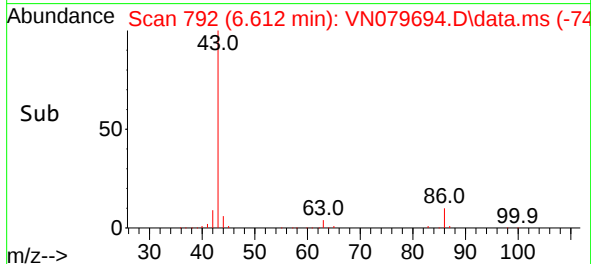
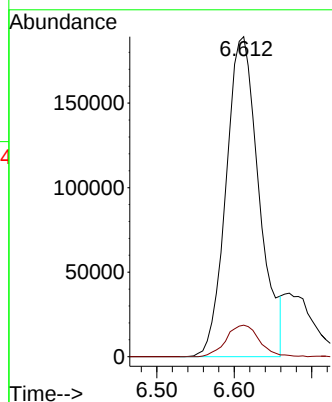
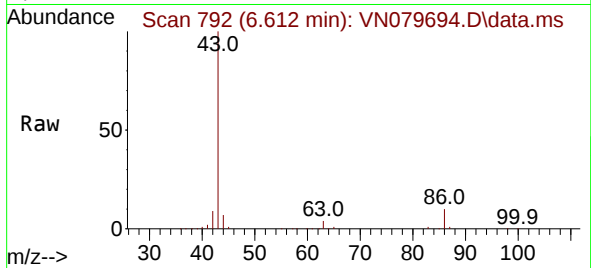
#23
 Vinyl Acetate
 Concen: 89.620 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN079694.D
 Acq: 26 Oct 2023 12:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026MBS02

Tgt Ion: 43 Resp: 559220
 Ion Ratio Lower Upper
 43 100
 86 9.8 13.0 19.6

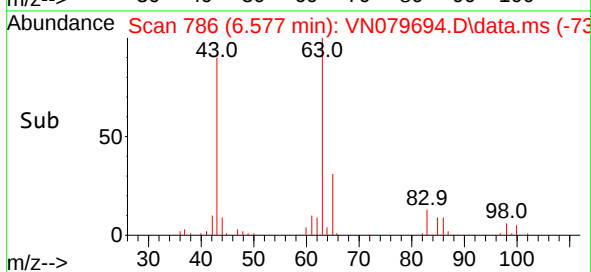
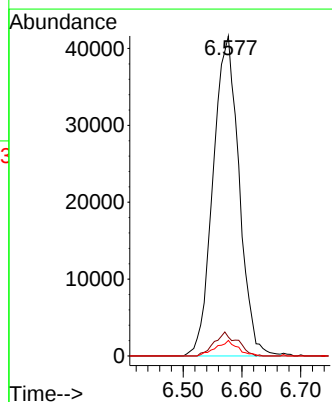
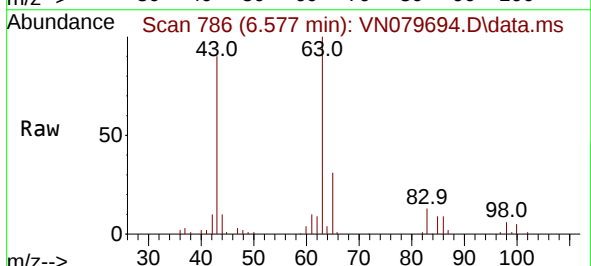
Manual Integrations
 APPROVED

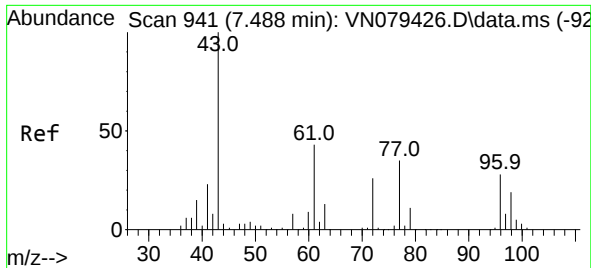
Reviewed By :John Carlone 10/27/2023
 Supervised By :Mahesh Dadoda 10/27/2023



#24
 1,1-Dichloroethane
 Concen: 18.846 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN079694.D
 Acq: 26 Oct 2023 12:43

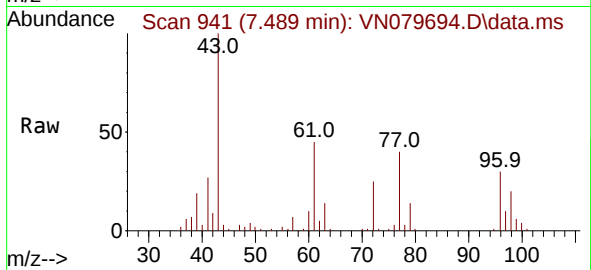
Tgt Ion: 63 Resp: 127948
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.9 11.7
 100 4.8 2.5 7.4





#25
2-Butanone
Concen: 91.930 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

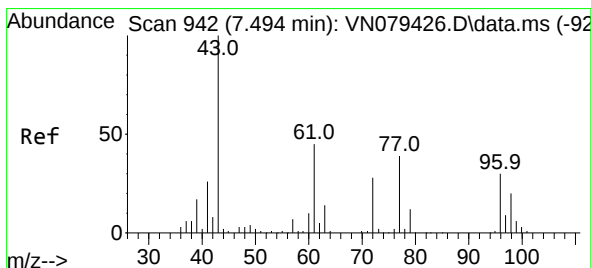
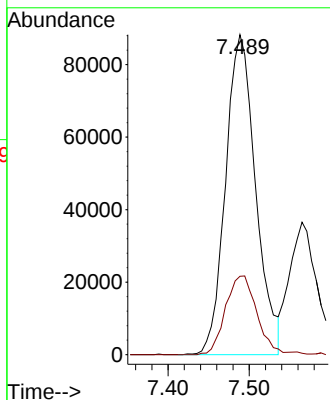
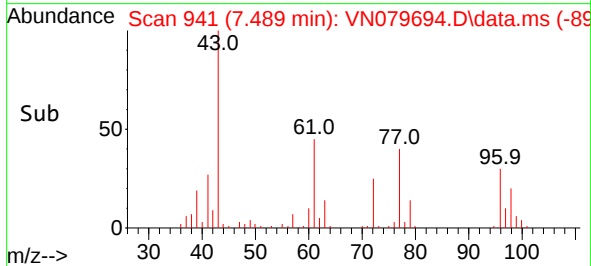
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02



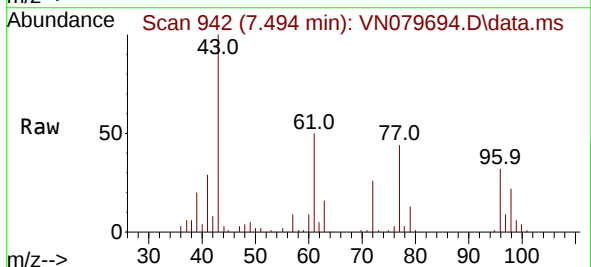
Tgt Ion: 43 Resp: 227678
Ion Ratio Lower Upper
43 100
72 24.5 30.2 45.2

Manual Integrations
APPROVED

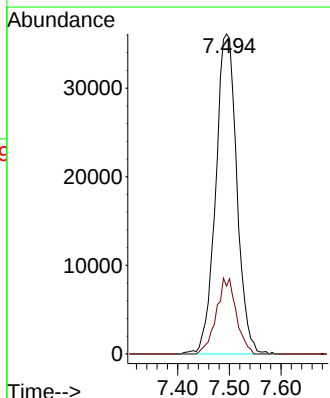
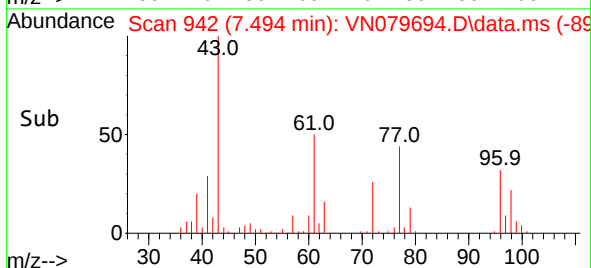
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

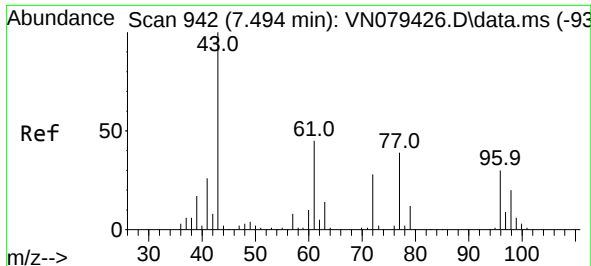


#26
2,2-Dichloropropane
Concen: 19.790 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43



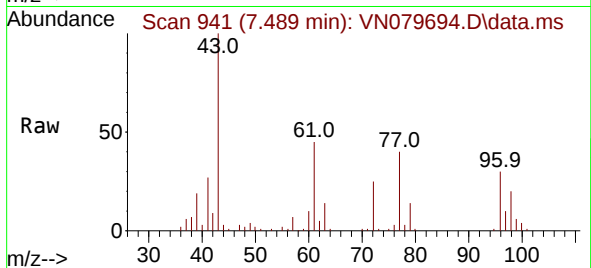
Tgt Ion: 77 Resp: 102681
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.351 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079694.D
 Acq: 26 Oct 2023 12:43

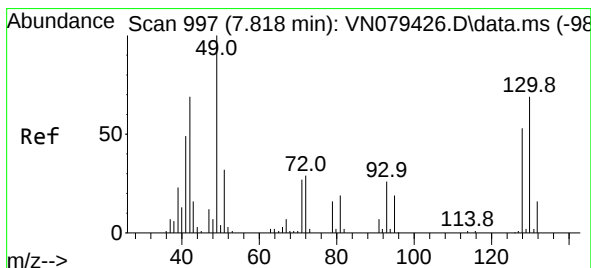
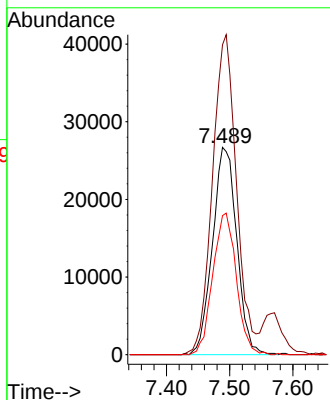
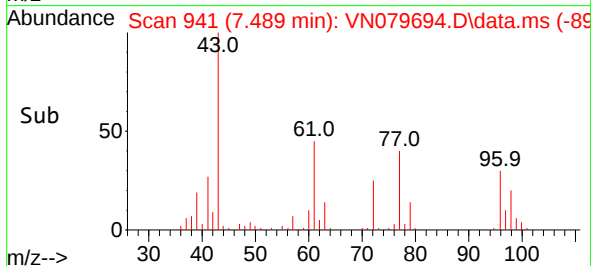
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026MBS02



Tgt Ion: 96 Resp: 71380
 Ion Ratio Lower Upper
 96 100
 61 152.0 0.0 255.2
 98 66.1 0.0 128.8

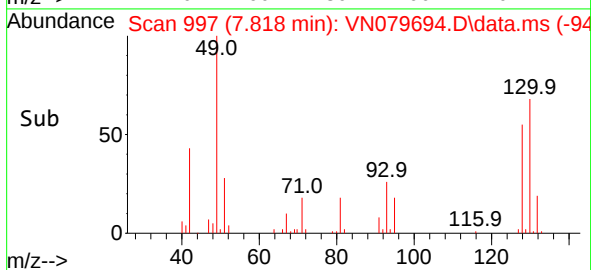
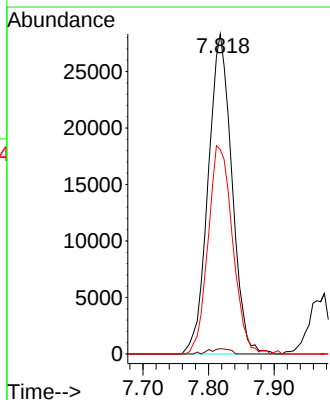
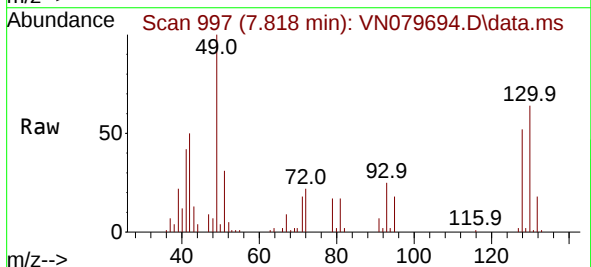
Manual Integrations
 APPROVED

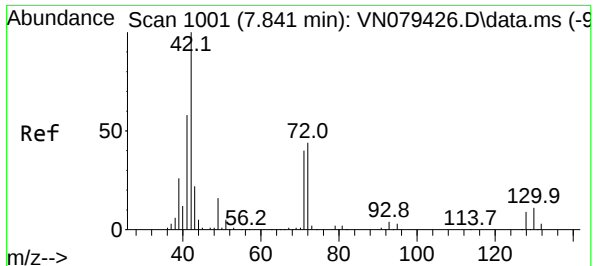
Reviewed By :John Carlone 10/27/2023
 Supervised By :Mahesh Dadoda 10/27/2023



#28
 Bromochloromethane
 Concen: 22.013 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN079694.D
 Acq: 26 Oct 2023 12:43

Tgt Ion: 49 Resp: 71109
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.8
 130 67.4 75.3 112.9#





#29

Tetrahydrofuran

Concen: 89.114 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079694.D

Acq: 26 Oct 2023 12:43

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS02

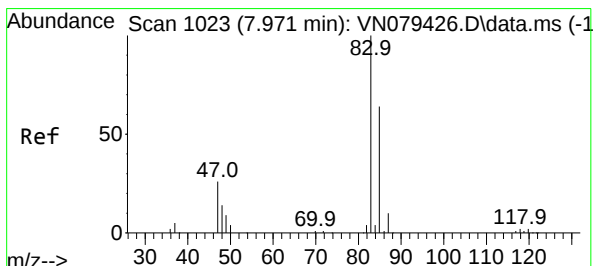
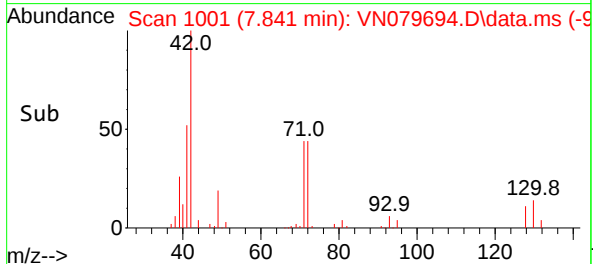
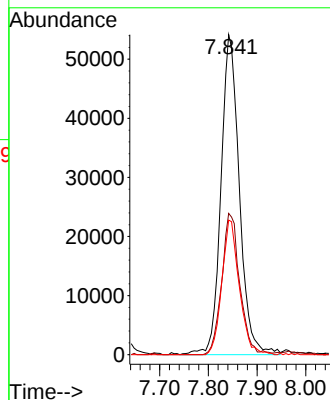
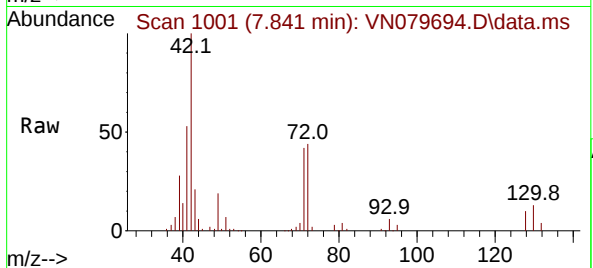
Tgt Ion: 42 Resp: 142740
 Ion Ratio Lower Upper
 42 100
 72 42.7 49.8 74.6
 71 39.7 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#30

Chloroform

Concen: 18.864 ug/l

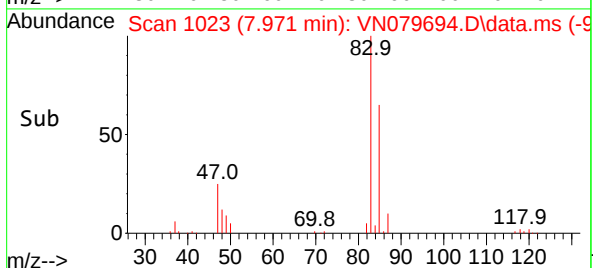
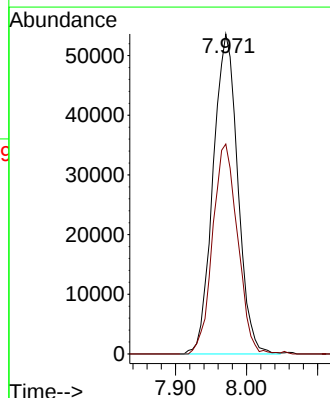
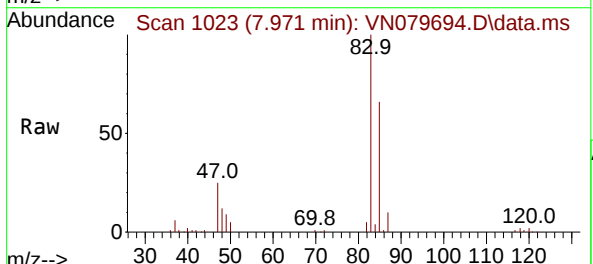
RT: 7.971 min Scan# 1023

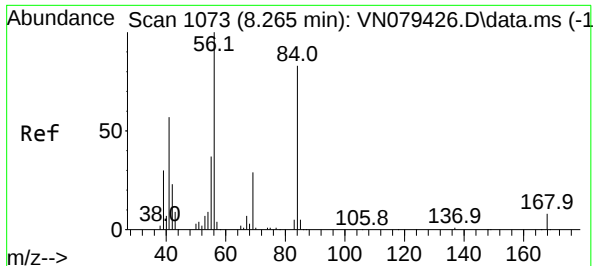
Delta R.T. 0.000 min

Lab File: VN079694.D

Acq: 26 Oct 2023 12:43

Tgt Ion: 83 Resp: 129404
 Ion Ratio Lower Upper
 83 100
 85 65.6 55.4 83.0





#31

Cyclohexane

Concen: 16.468 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN079694.D

Acq: 26 Oct 2023 12:43

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS02

Tgt Ion: 56 Resp: 98274

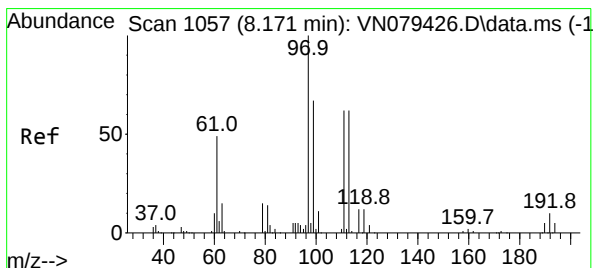
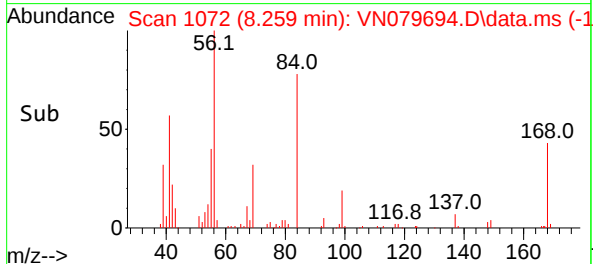
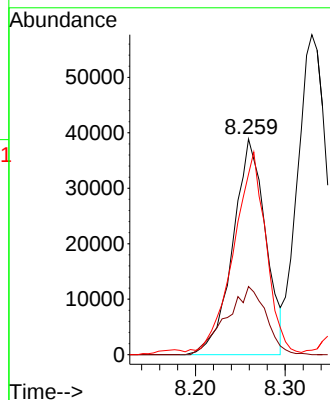
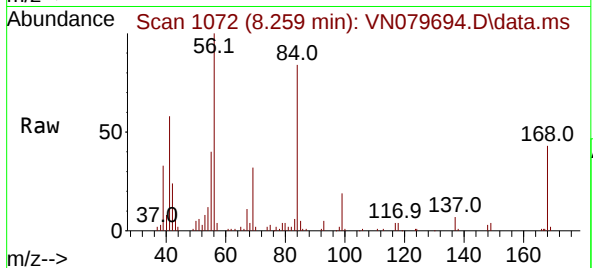
Ion	Ratio	Lower	Upper
56	100		
69	31.6	26.8	40.2
84	81.7	81.8	122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#32

1,1,1-Trichloroethane

Concen: 19.041 ug/l

RT: 8.171 min Scan# 1057

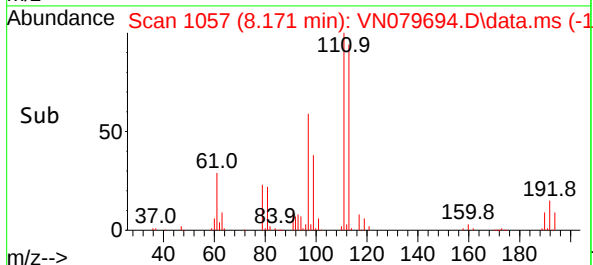
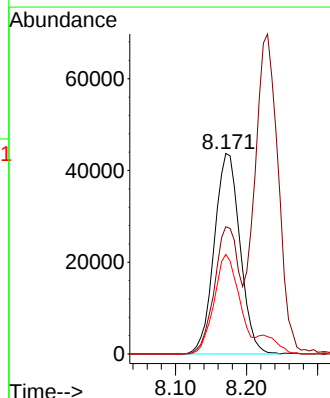
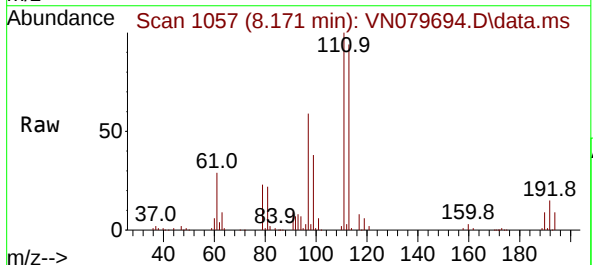
Delta R.T. 0.000 min

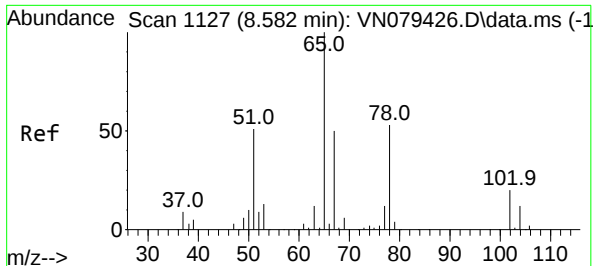
Lab File: VN079694.D

Acq: 26 Oct 2023 12:43

Tgt Ion: 97 Resp: 109919

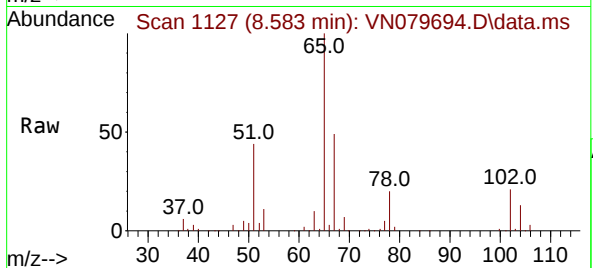
Ion	Ratio	Lower	Upper
97	100		
99	60.0	50.3	75.5
61	49.3	34.7	52.1





#33
1,2-Dichloroethane-d4
Concen: 50.475 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

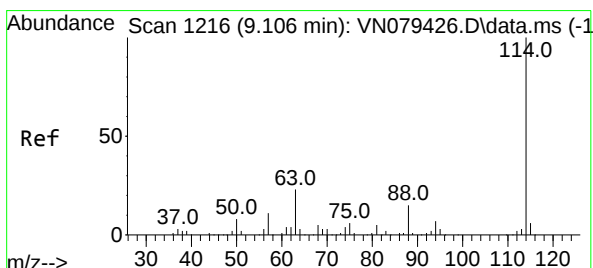
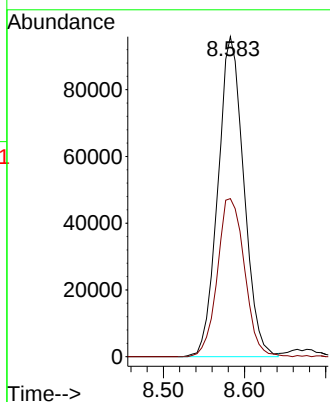
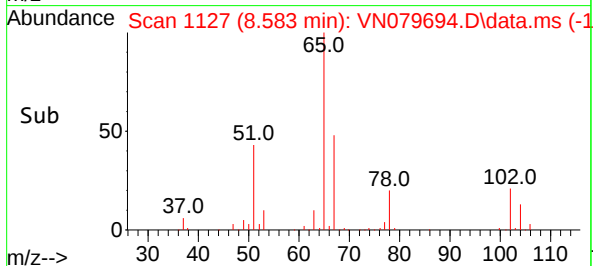
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02



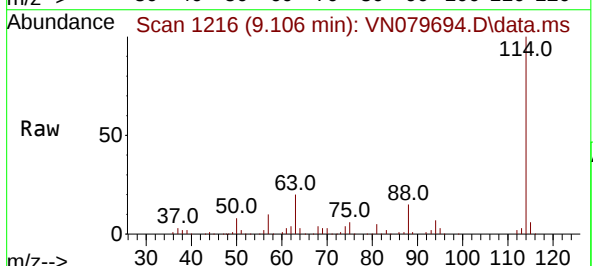
Tgt Ion: 65 Resp: 212350
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.6

Manual Integrations
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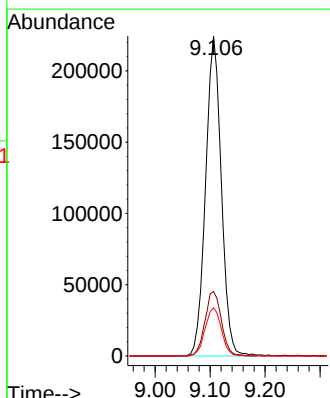
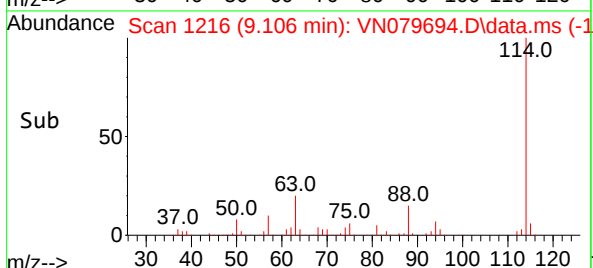
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

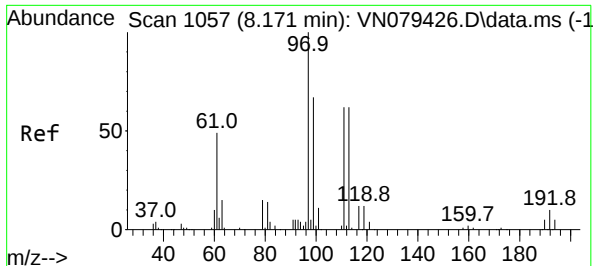


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43



Tgt Ion:114 Resp: 445683
Ion Ratio Lower Upper
114 100
63 20.2 0.0 36.4
88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.624 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079694.D

Acq: 26 Oct 2023 12:43

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS02

Tgt Ion: 113 Resp: 16854

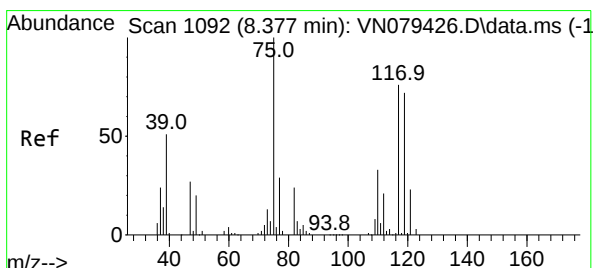
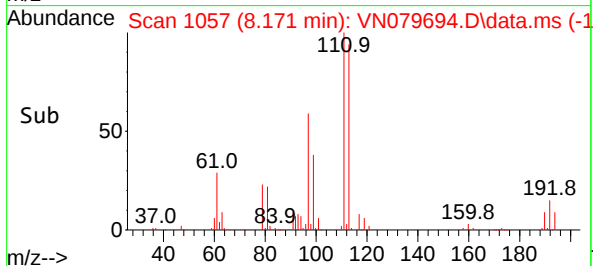
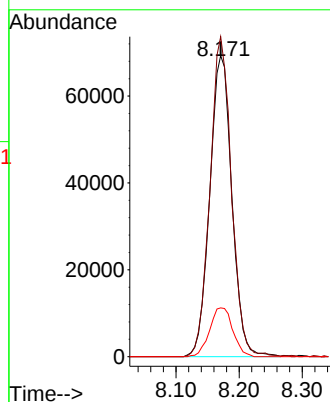
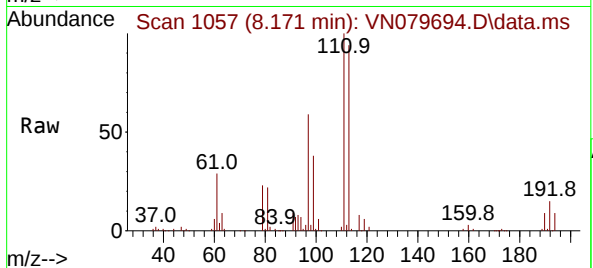
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	123.8
192	17.0	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#36

1,1-Dichloropropene

Concen: 19.136 ug/l

RT: 8.377 min Scan# 1092

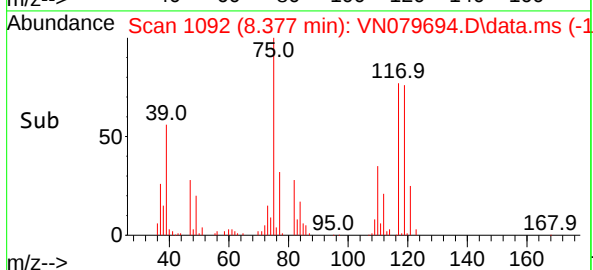
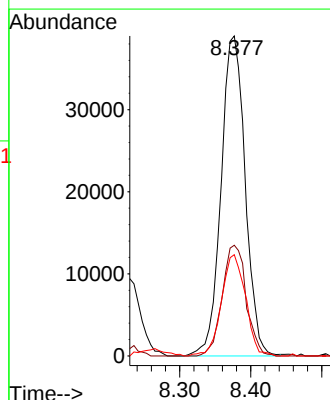
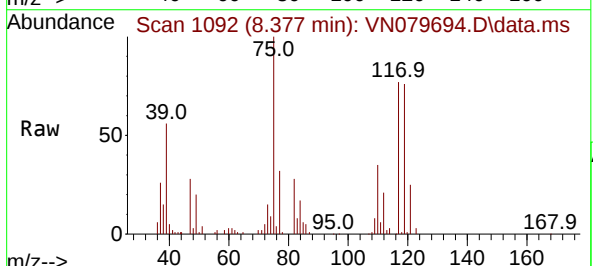
Delta R.T. 0.000 min

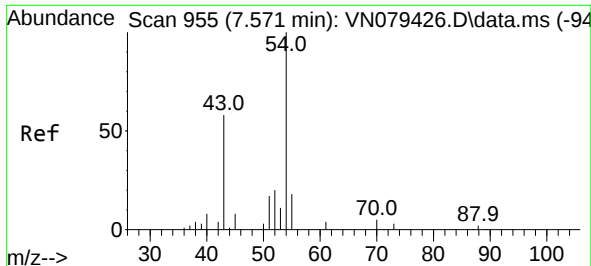
Lab File: VN079694.D

Acq: 26 Oct 2023 12:43

Tgt Ion: 75 Resp: 91987

Ion	Ratio	Lower	Upper
75	100		
110	34.4	19.1	57.3
77	31.6	25.0	37.4





#37

Ethyl Acetate

Concen: 18.466 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079694.D

Acq: 26 Oct 2023 12:43

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS02

Tgt Ion: 43 Resp: 88320

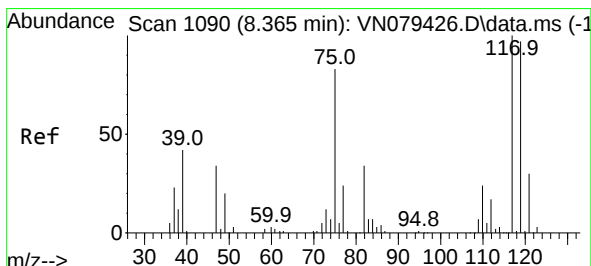
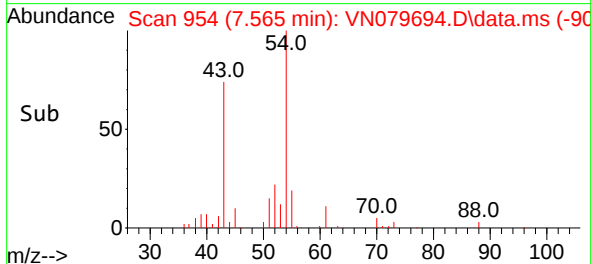
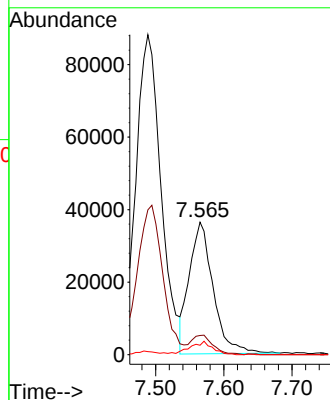
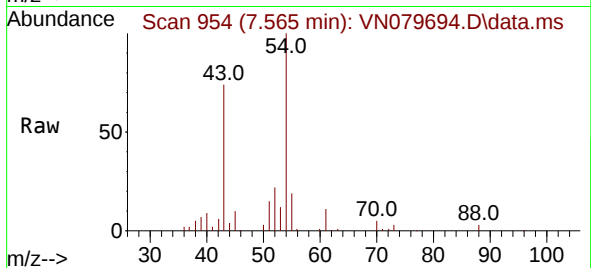
Ion	Ratio	Lower	Upper
43	100		
61	13.9	13.2	19.8
70	9.6	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#38

Carbon Tetrachloride

Concen: 19.288 ug/l

RT: 8.371 min Scan# 1091

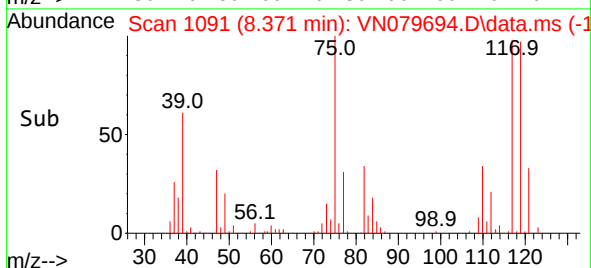
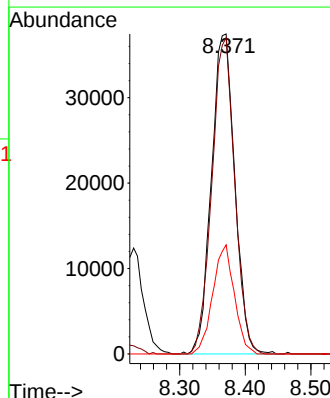
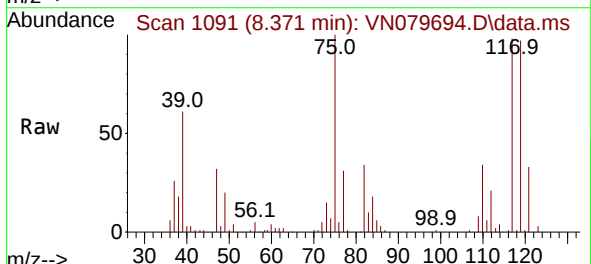
Delta R.T. 0.006 min

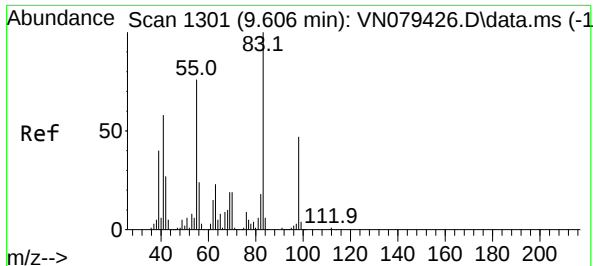
Lab File: VN079694.D

Acq: 26 Oct 2023 12:43

Tgt Ion:117 Resp: 92820

Ion	Ratio	Lower	Upper
117	100		
119	98.8	77.3	115.9
121	34.1	23.3	34.9





#39

Methylcyclohexane

Concen: 17.611 ug/l

RT: 9.606 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VN079694.D

Acq: 26 Oct 2023 12:43

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS02

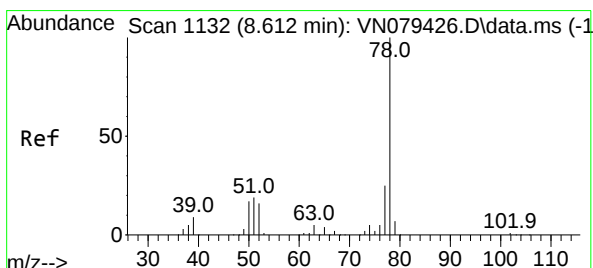
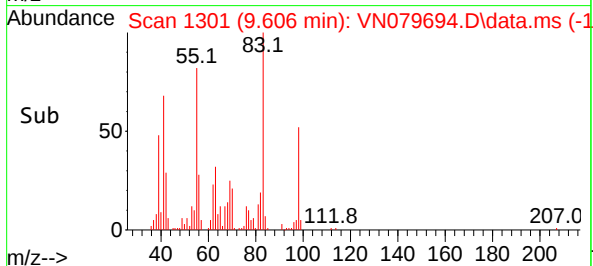
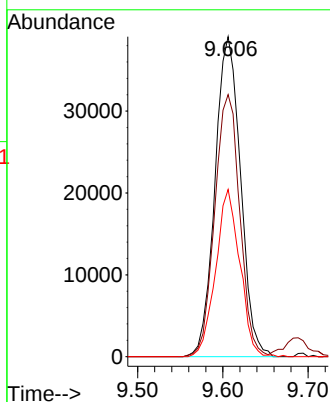
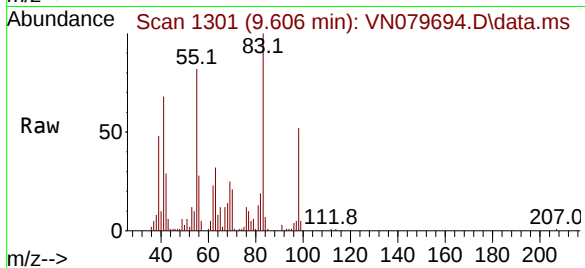
Tgt Ion:	83	Resp:	81334
Ion	Ratio	Lower	Upper
83	100		
55	81.9	49.1	73.7
98	52.3	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#40

Benzene

Concen: 19.492 ug/l

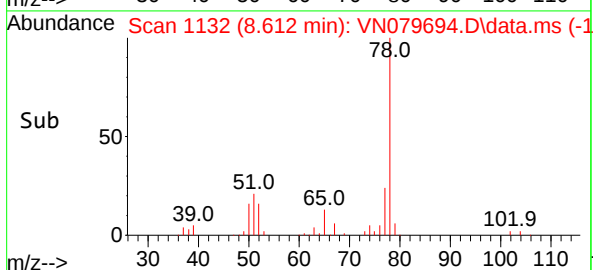
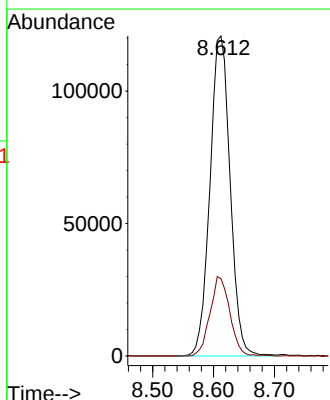
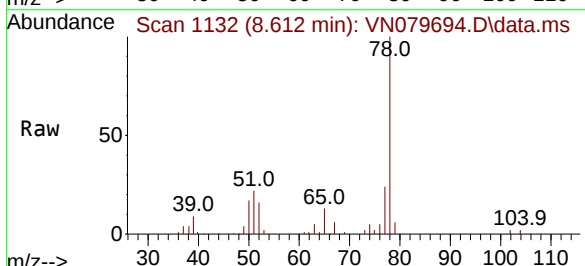
RT: 8.612 min Scan# 1132

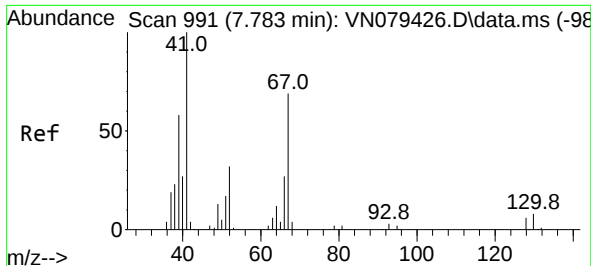
Delta R.T. 0.000 min

Lab File: VN079694.D

Acq: 26 Oct 2023 12:43

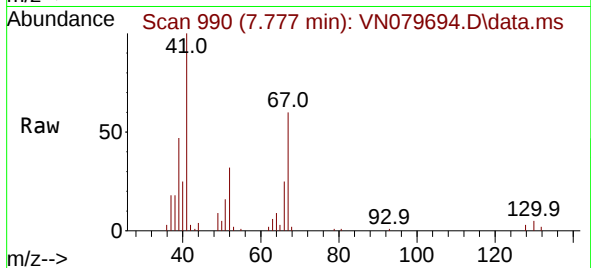
Tgt Ion:	78	Resp:	278266
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.0	28.6





#41
Methacrylonitrile
Concen: 19.291 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

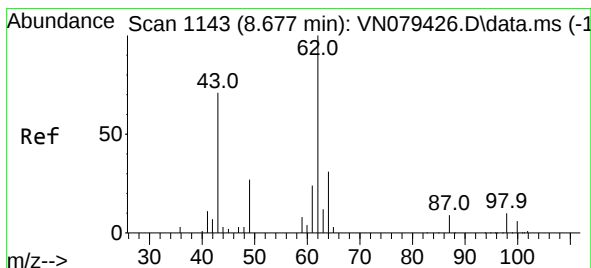
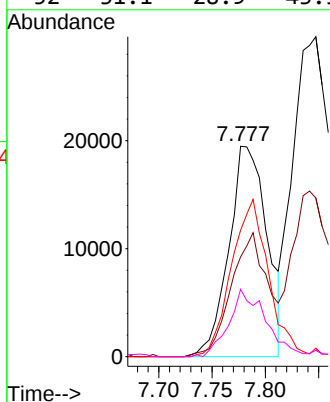
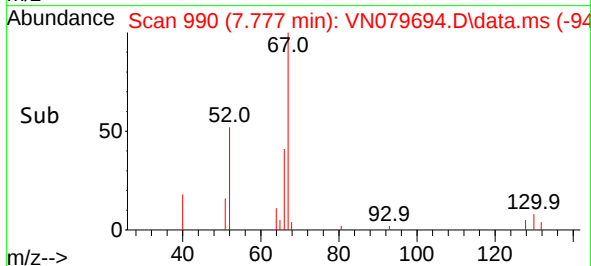
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02



Tgt Ion: 41 Resp: 48510
Ion Ratio Lower Upper
41 100
39 56.6 42.6 64.0
67 72.5 77.5 116.3
52 31.1 28.9 43.3

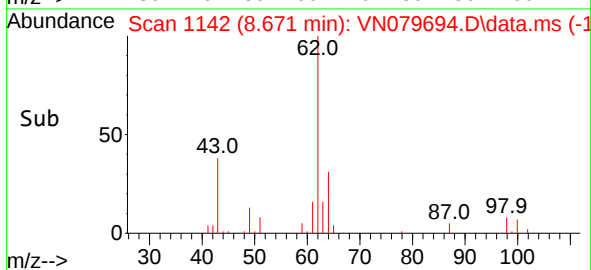
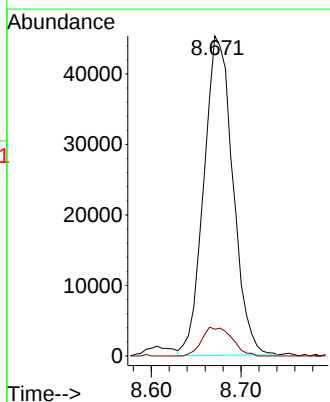
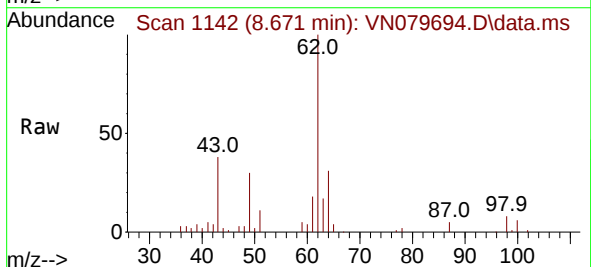
Manual Integrations
APPROVED

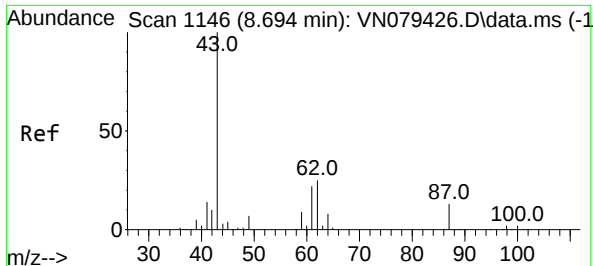
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#42
1,2-Dichloroethane
Concen: 19.589 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

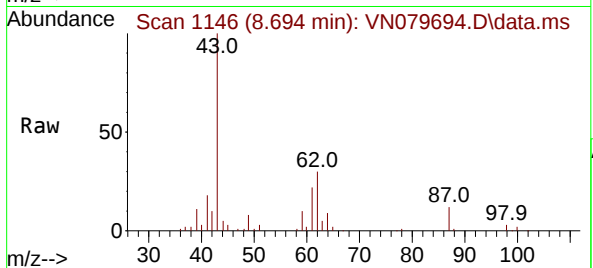
Tgt Ion: 62 Resp: 101613
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.8





#43
Isopropyl Acetate
Concen: 16.673 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

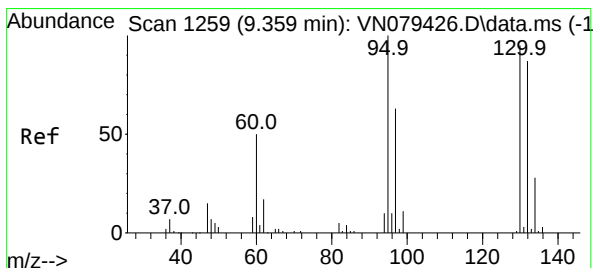
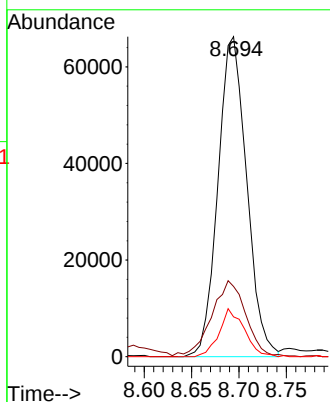
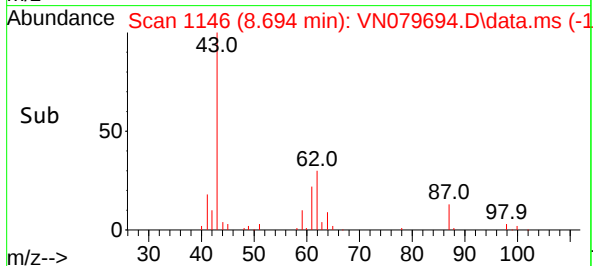
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02



Tgt Ion: 43 Resp: 139710
Ion Ratio Lower Upper
43 100
61 28.4 24.7 37.1
87 13.2 14.6 21.8

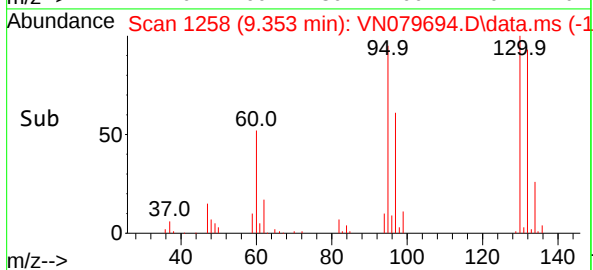
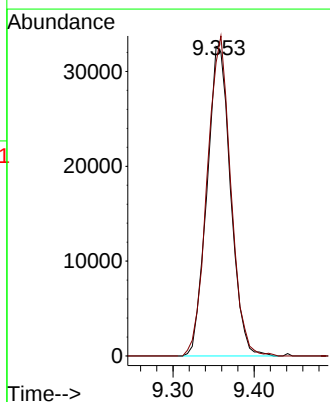
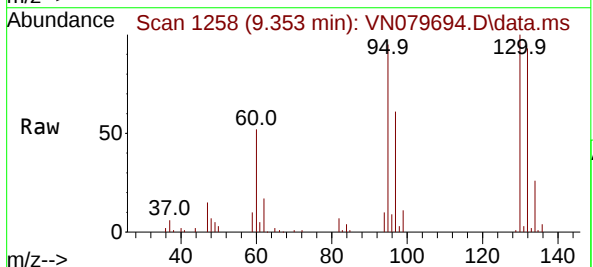
Manual Integrations
APPROVED

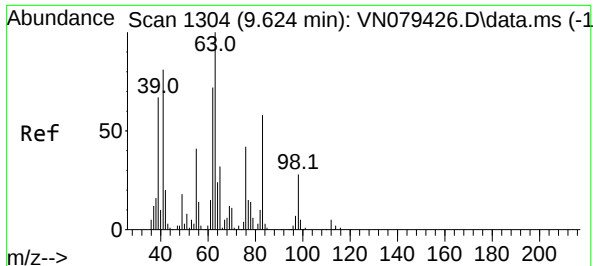
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#44
Trichloroethene
Concen: 19.628 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

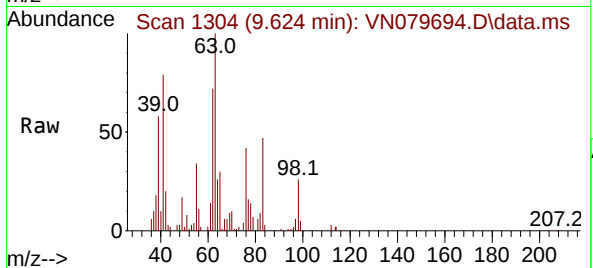
Tgt Ion:130 Resp: 65953
Ion Ratio Lower Upper
130 100
95 94.9 0.0 204.6





#45
1,2-Dichloropropane
Concen: 19.933 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

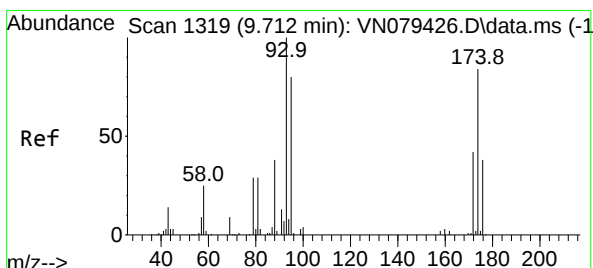
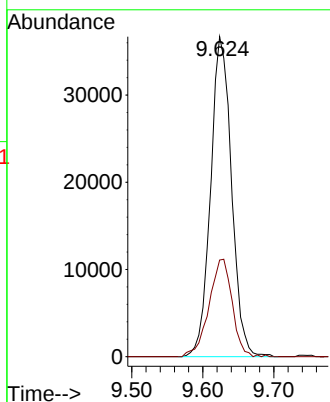
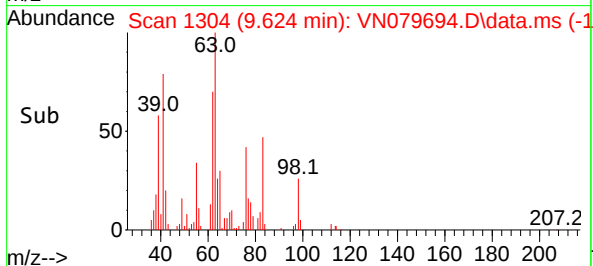
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02



Tgt Ion: 63 Resp: 7497
Ion Ratio Lower Upper
63 100
65 30.2 23.9 35.9

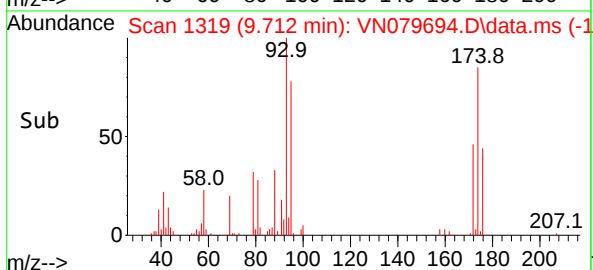
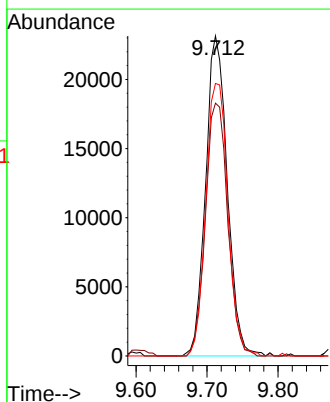
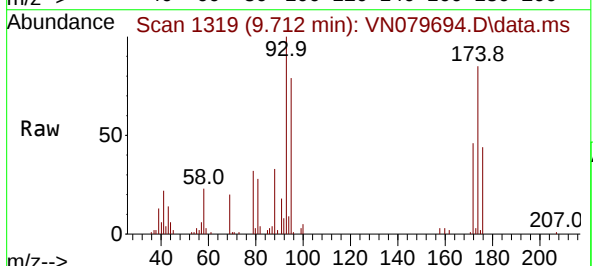
Manual Integrations
APPROVED

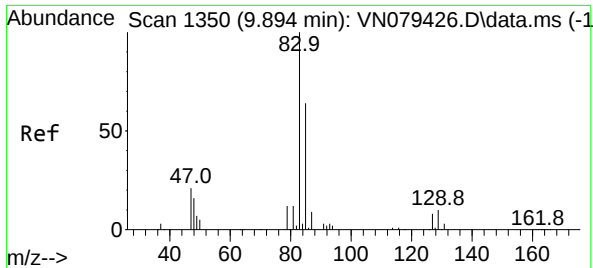
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#46
Dibromomethane
Concen: 20.140 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

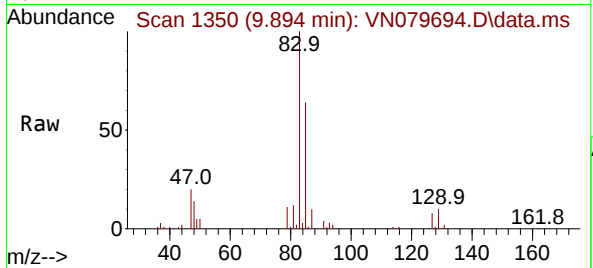
Tgt Ion: 93 Resp: 49064
Ion Ratio Lower Upper
93 100
95 81.3 63.8 95.8
174 86.9 65.6 98.4





#47
Bromodichloromethane
Concen: 20.669 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

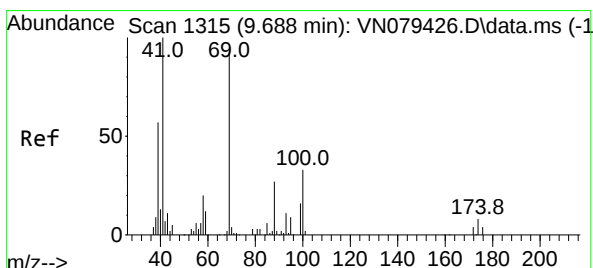
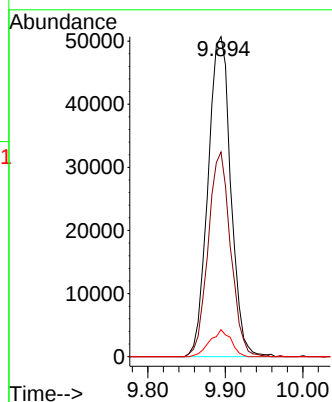
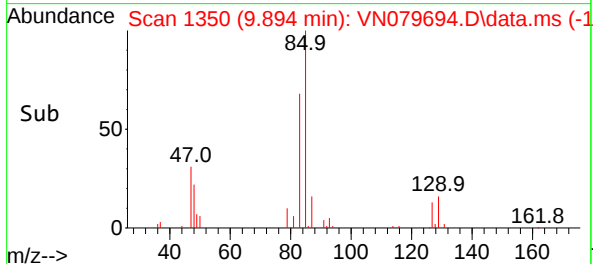
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02



Tgt Ion: 83 Resp: 10357
Ion Ratio Lower Upper
83 100
85 63.9 49.6 74.4
127 8.4 7.0 10.6

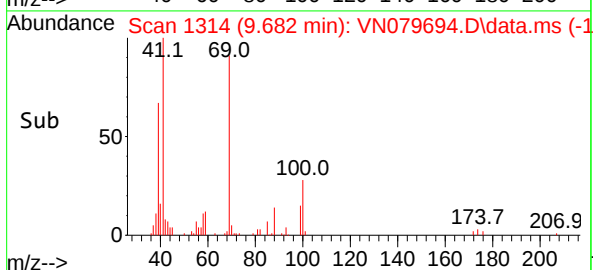
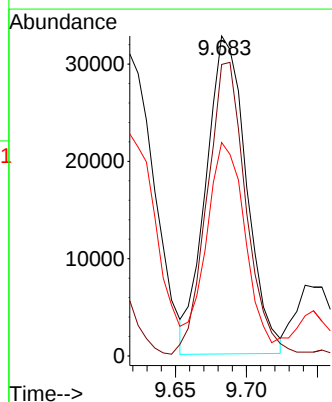
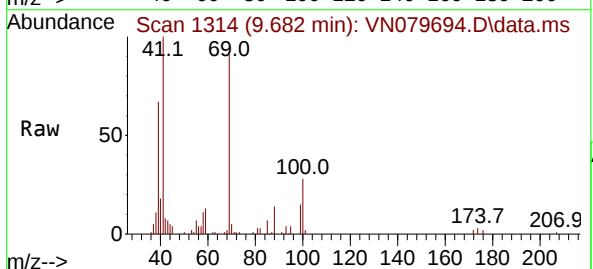
Manual Integrations
APPROVED

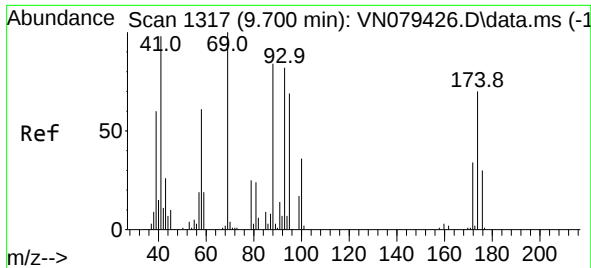
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#48
Methyl methacrylate
Concen: 18.068 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

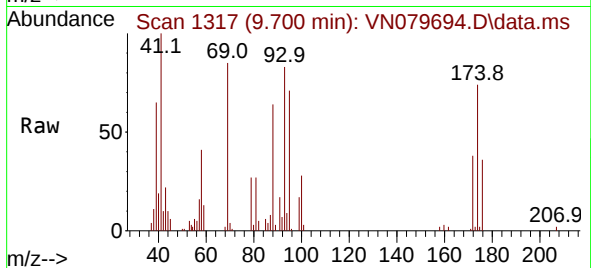
Tgt Ion: 41 Resp: 64881
Ion Ratio Lower Upper
41 100
69 87.8 90.4 135.6#
39 66.5 54.6 81.8





#49
1,4-Dioxane
Concen: 336.693 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

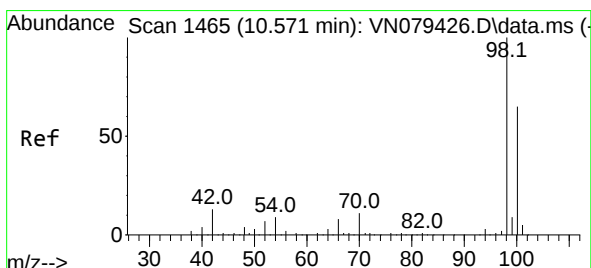
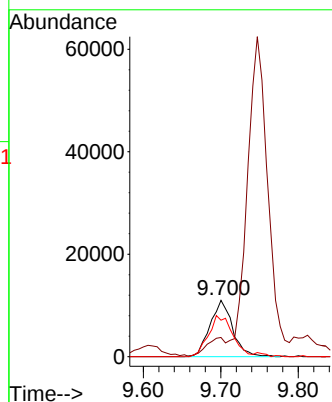
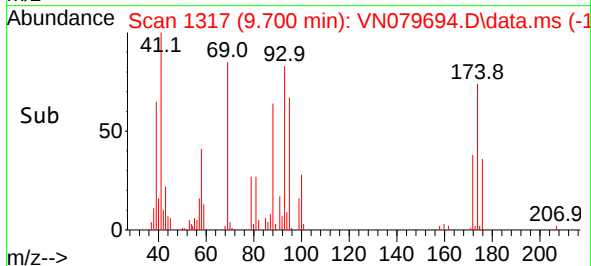
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02



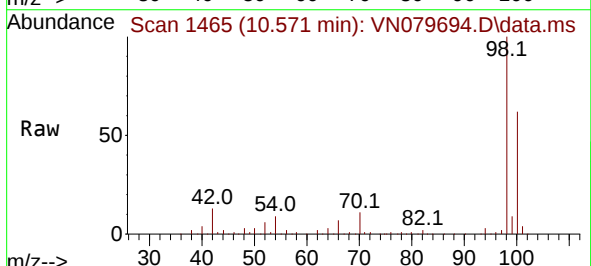
Tgt Ion: 88 Resp: 22270
Ion Ratio Lower Upper
88 100
43 28.3 17.0 25.6
58 77.6 47.0 70.4

Manual Integrations
APPROVED

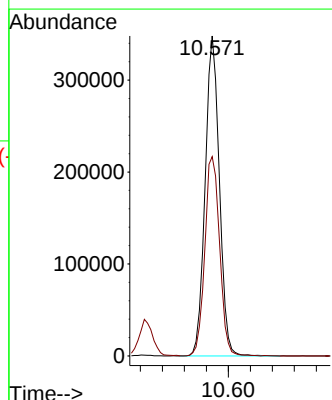
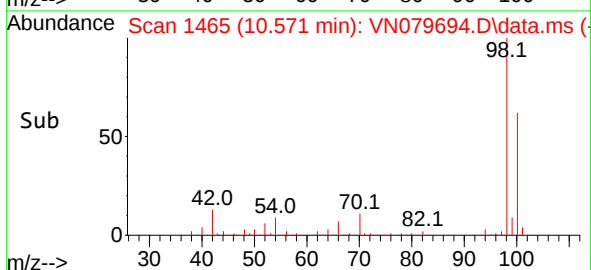
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#50
Toluene-d8
Concen: 53.903 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43



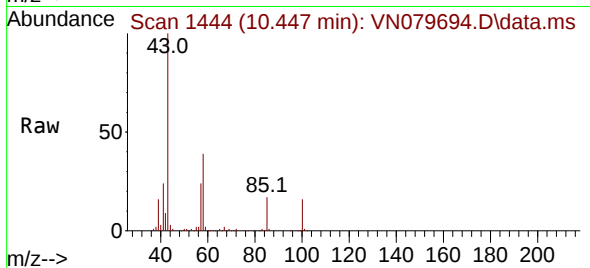
Tgt Ion: 98 Resp: 624671
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 95.857 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

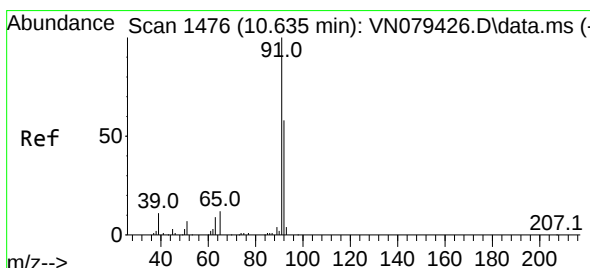
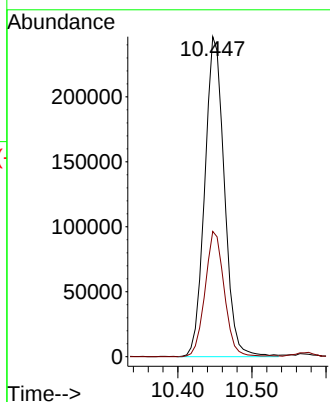
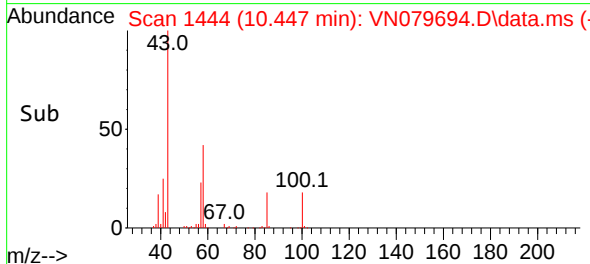
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02



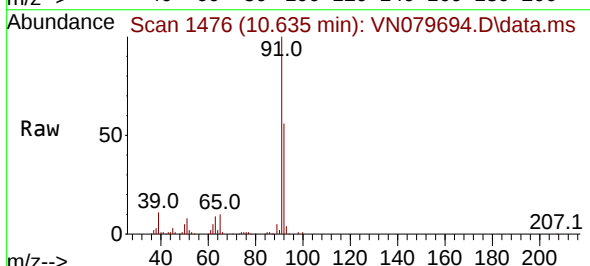
Tgt Ion: 43 Resp: 453449
Ion Ratio Lower Upper
43 100
58 38.5 36.6 54.8

Manual Integrations
APPROVED

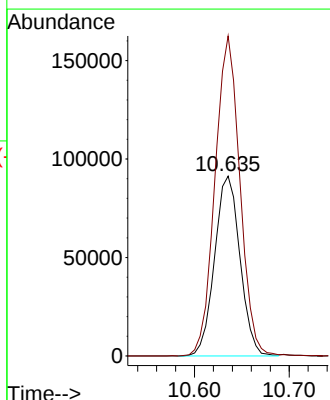
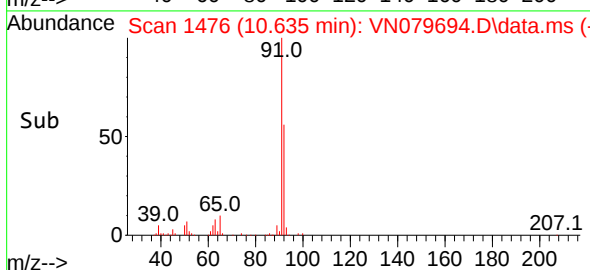
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

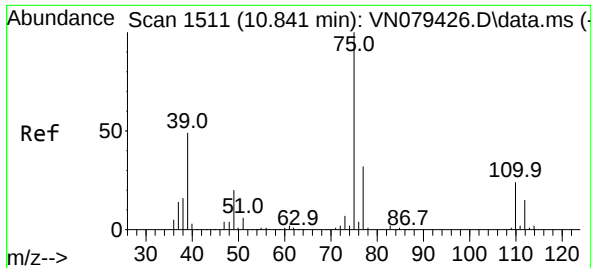


#52
Toluene
Concen: 20.244 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43



Tgt Ion: 92 Resp: 170120
Ion Ratio Lower Upper
92 100
91 175.3 137.4 206.0





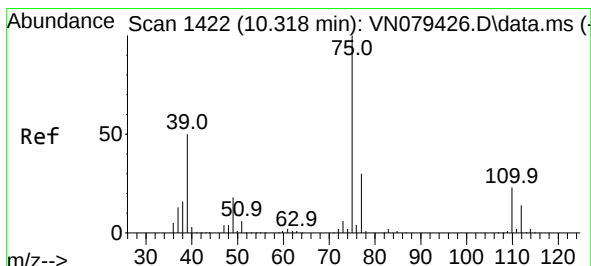
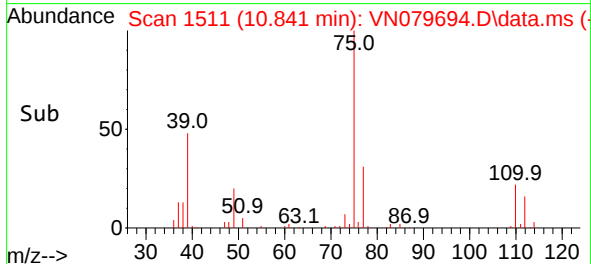
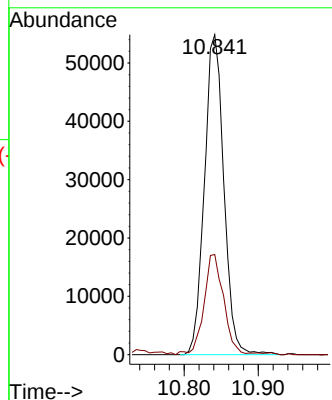
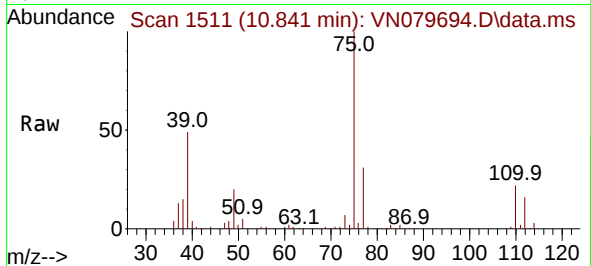
#53
 t-1,3-Dichloropropene
 Concen: 19.772 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079694.D
 Acq: 26 Oct 2023 12:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026MBS02

Tgt Ion: 75 Resp: 9984
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.0

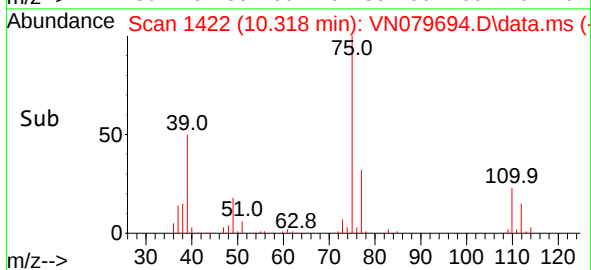
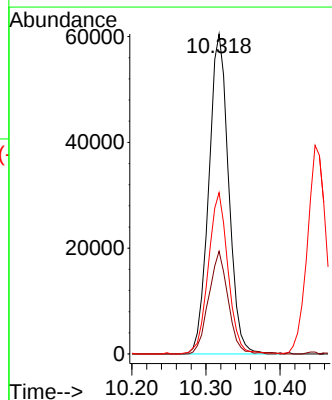
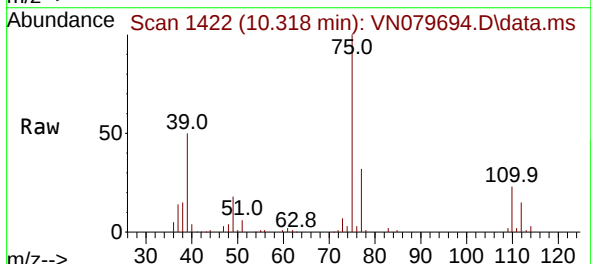
Manual Integrations
 APPROVED

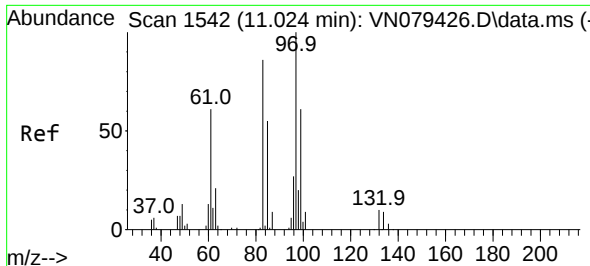
Reviewed By :John Carlone 10/27/2023
 Supervised By :Mahesh Dadoda 10/27/2023



#54
 cis-1,3-Dichloropropene
 Concen: 20.327 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079694.D
 Acq: 26 Oct 2023 12:43

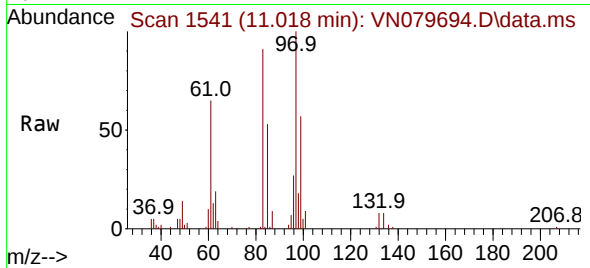
Tgt Ion: 75 Resp: 112371
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.1 39.1
 39 50.4 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 20.925 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

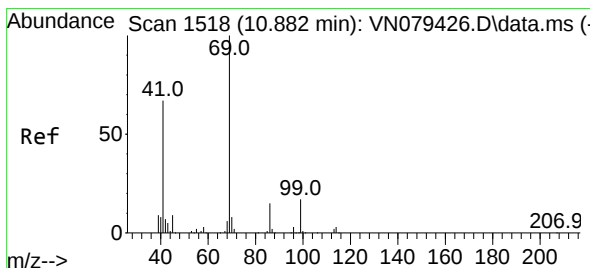
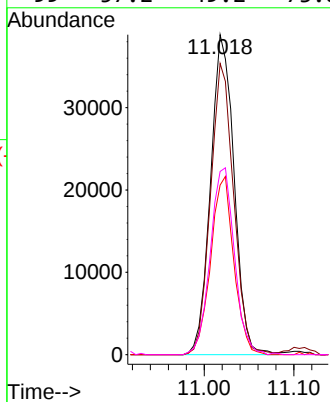
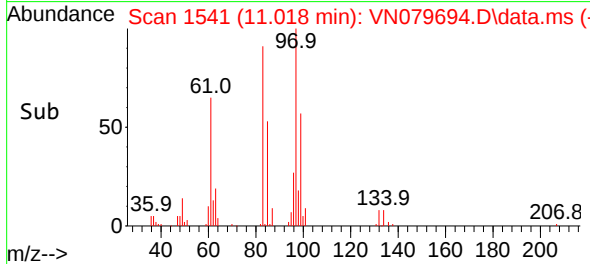
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02



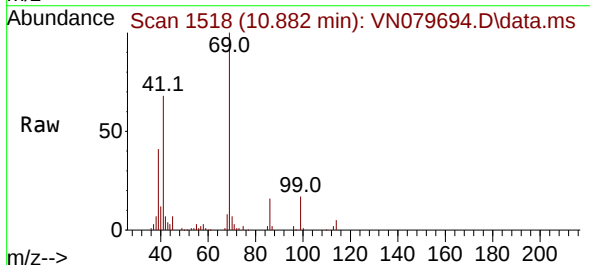
Tgt Ion:	97	Resp:	70594
Ion	Ratio	Lower	Upper
97	100		
83	91.0	65.1	97.7
85	53.0	43.4	65.2
99	57.2	49.2	73.8

Manual Integrations
APPROVED

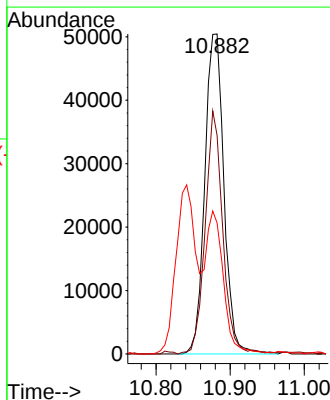
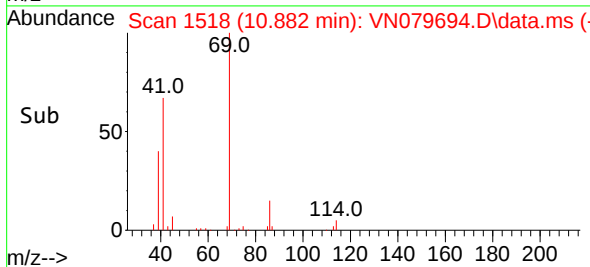
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

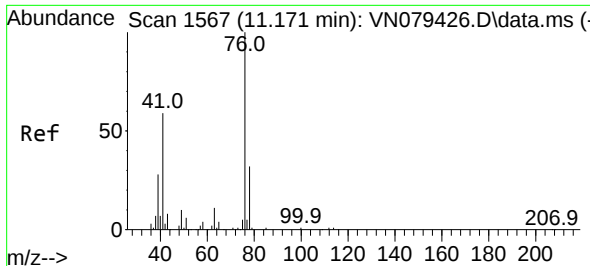


#56
Ethyl methacrylate
Concen: 19.526 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43



Tgt Ion:	69	Resp:	90518
Ion	Ratio	Lower	Upper
69	100		
41	69.4	39.6	59.4#
39	41.5	28.6	43.0





#57

1,3-Dichloropropane

Concen: 20.454 ug/l

RT: 11.171 min Scan# 11915

Delta R.T. 0.000 min

Lab File: VN079694.D

Acq: 26 Oct 2023 12:43

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS02

Tgt Ion: 76 Resp: 11915

Ion Ratio Lower Upper

76 100

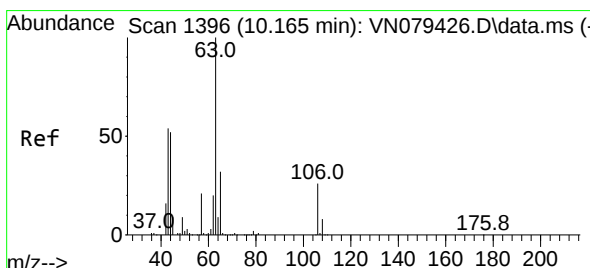
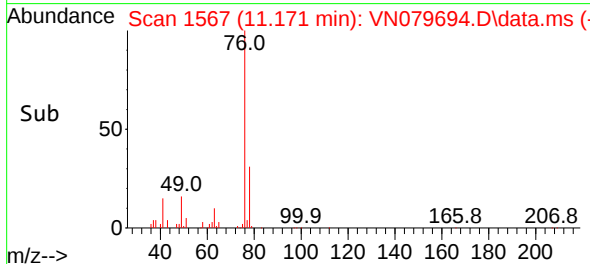
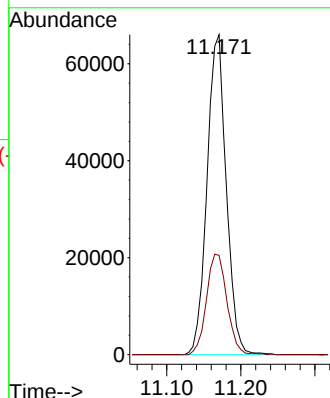
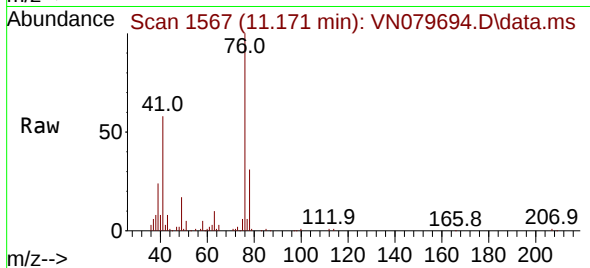
78 33.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#58

2-Chloroethyl Vinyl ether

Concen: 97.242 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079694.D

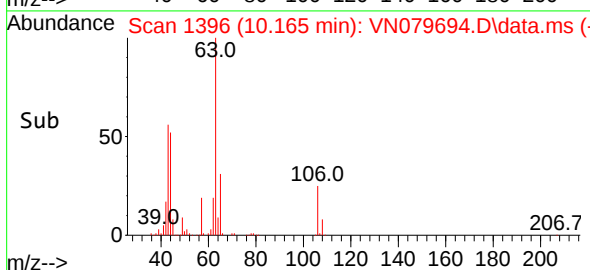
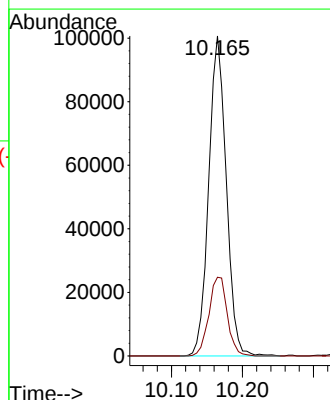
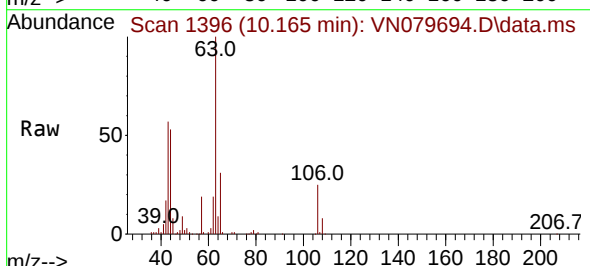
Acq: 26 Oct 2023 12:43

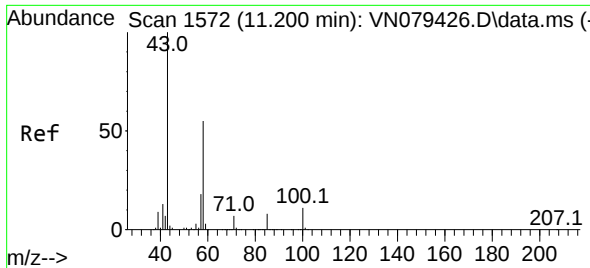
Tgt Ion: 63 Resp: 172641

Ion Ratio Lower Upper

63 100

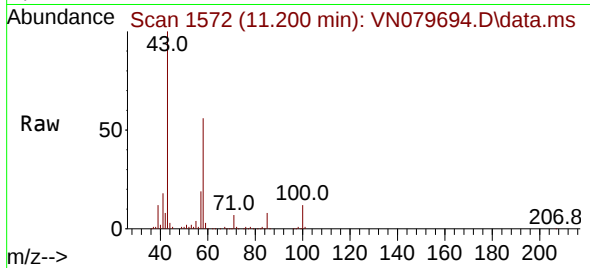
106 25.8 26.2 39.4#





#59
2-Hexanone
Concen: 93.447 ug/l
RT: 11.200 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

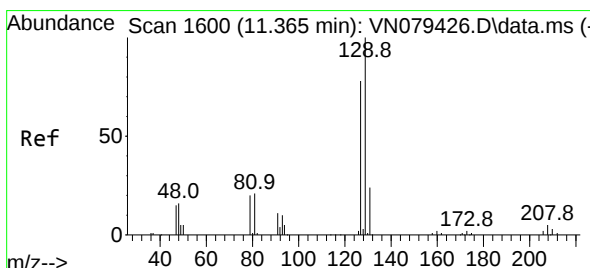
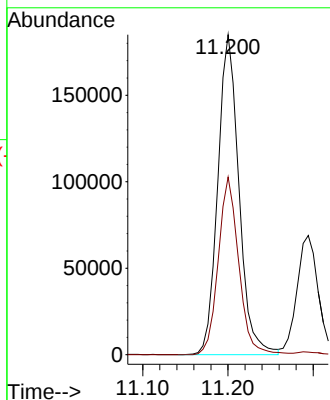
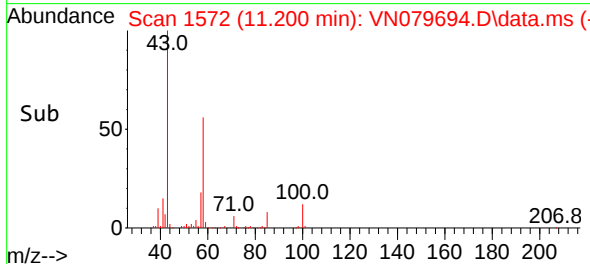
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02



Tgt Ion: 43 Resp: 318984
Ion Ratio Lower Upper
43 100
58 53.7 31.7 95.1

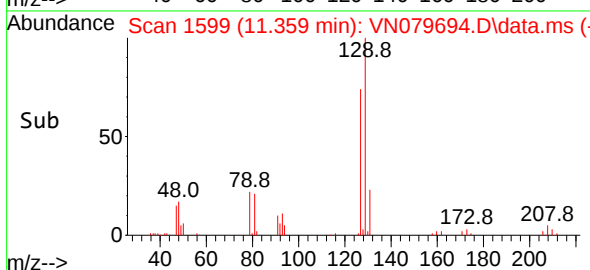
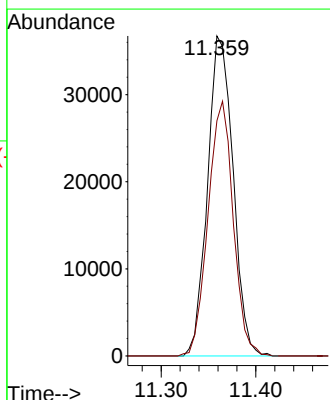
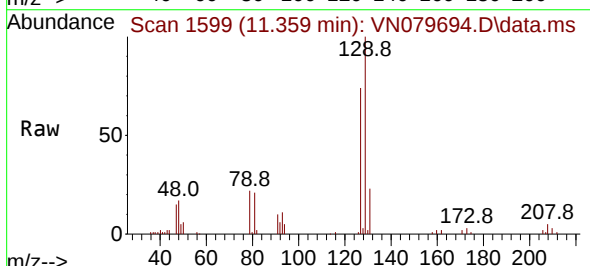
Manual Integrations
APPROVED

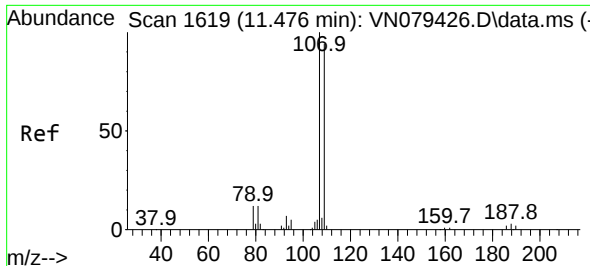
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#60
Dibromochloromethane
Concen: 20.308 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

Tgt Ion:129 Resp: 68856
Ion Ratio Lower Upper
129 100
127 78.5 38.6 116.0





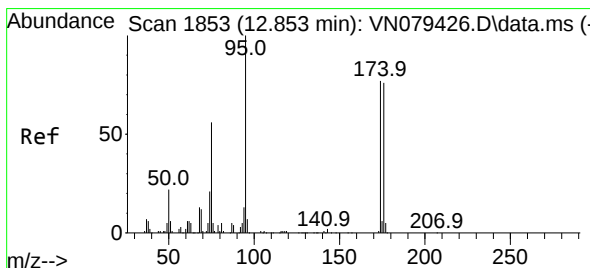
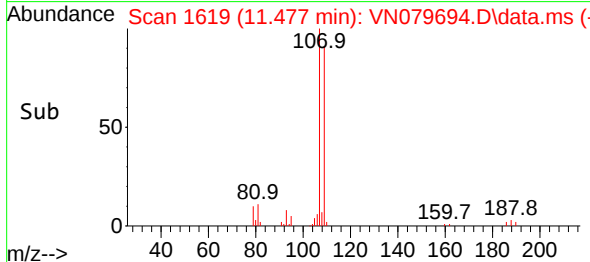
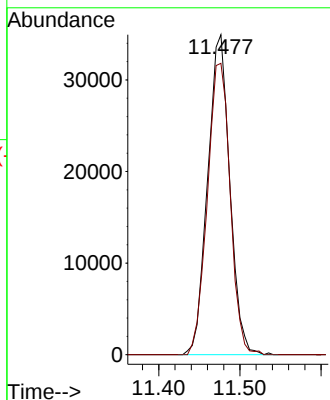
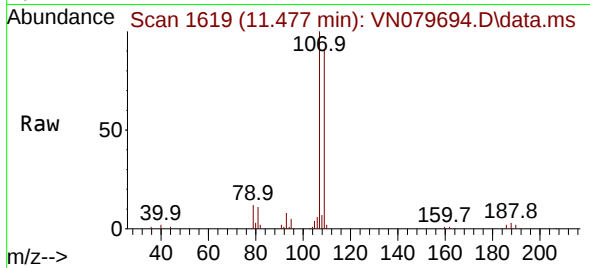
#61
1,2-Dibromoethane
Concen: 19.738 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02

Tgt Ion:107 Resp: 6608
Ion Ratio Lower Upper
107 100
109 93.9 76.6 114.8

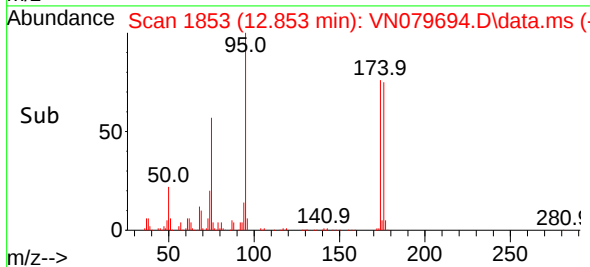
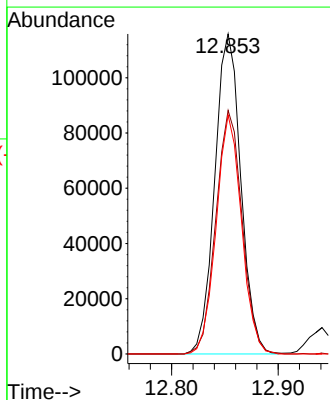
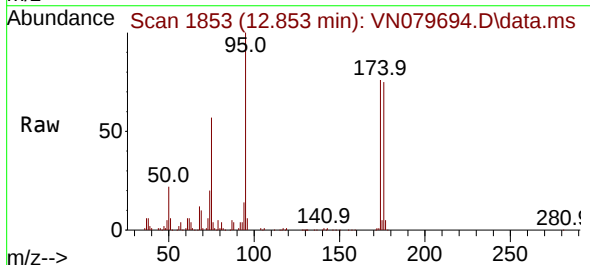
Manual Integrations
APPROVED

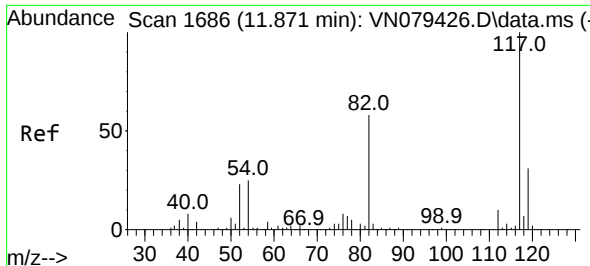
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#62
4-Bromofluorobenzene
Concen: 52.901 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

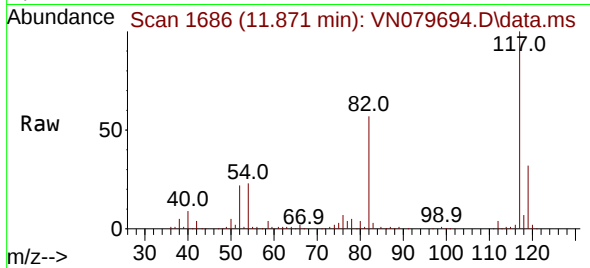
Tgt Ion: 95 Resp: 196742
Ion Ratio Lower Upper
95 100
174 76.7 0.0 143.8
176 72.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

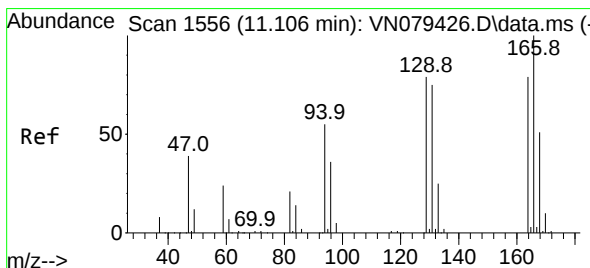
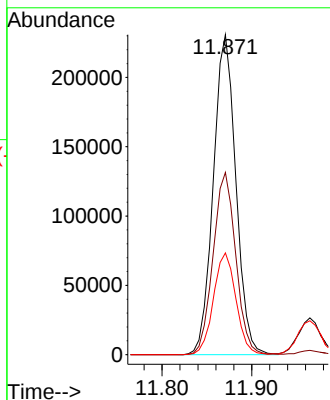
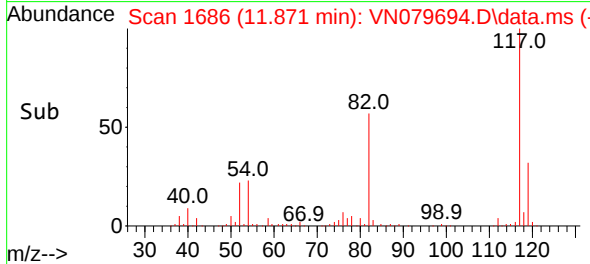
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02



Tgt Ion:117 Resp: 403120
Ion Ratio Lower Upper
117 100
82 56.9 44.0 66.0
119 31.8 25.6 38.4

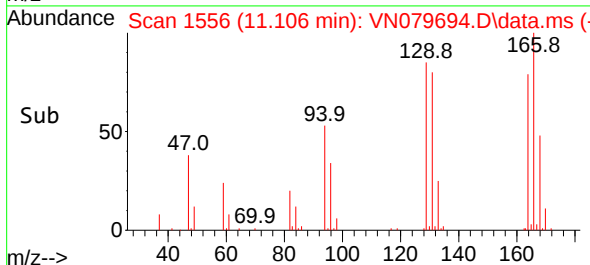
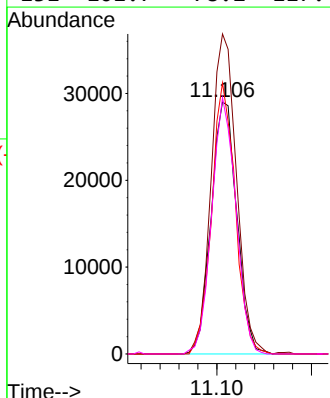
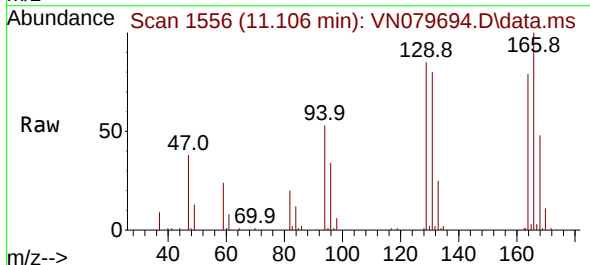
Manual Integrations
APPROVED

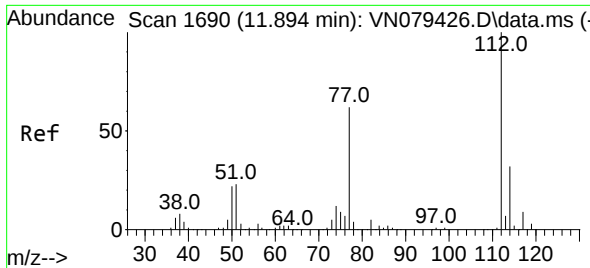
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#64
Tetrachloroethene
Concen: 19.712 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

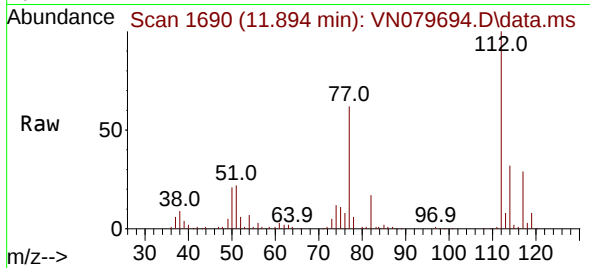
Tgt Ion:164 Resp: 54664
Ion Ratio Lower Upper
164 100
166 127.0 101.4 152.0
129 107.6 82.4 123.6
131 101.7 78.2 117.4





#65
Chlorobenzene
Concen: 19.686 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

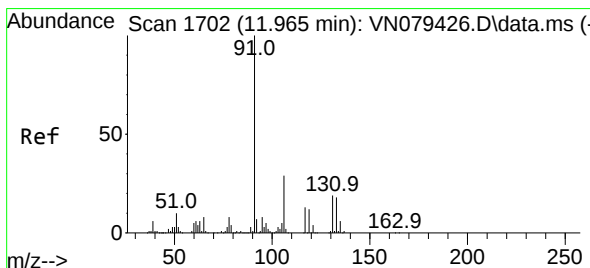
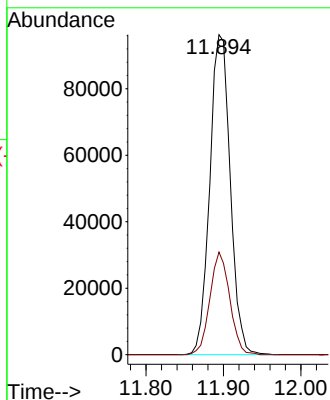
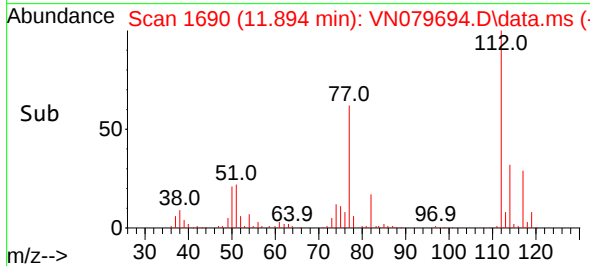
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02



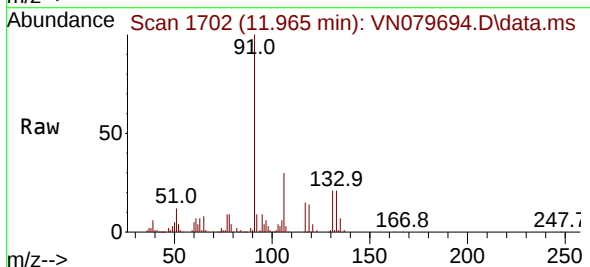
Tgt Ion:112 Resp: 176734
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.4

Manual Integrations
APPROVED

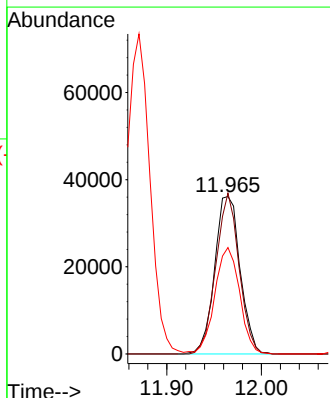
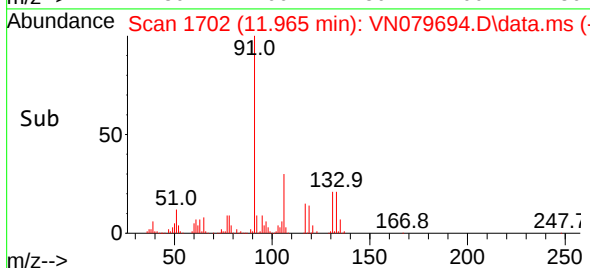
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.625 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43



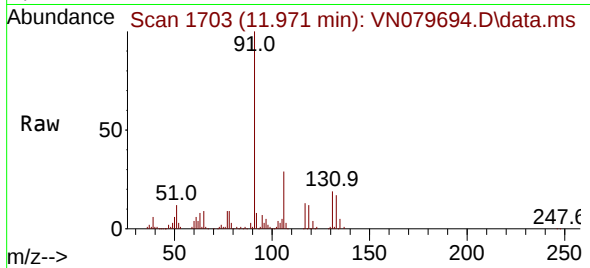
Tgt Ion:131 Resp: 67798
Ion Ratio Lower Upper
131 100
133 92.9 46.4 139.1
119 66.1 34.1 102.2





#67
Ethyl Benzene
Concen: 19.509 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

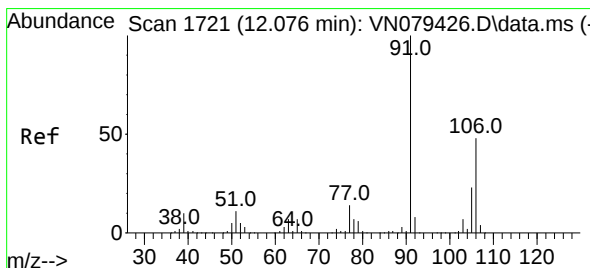
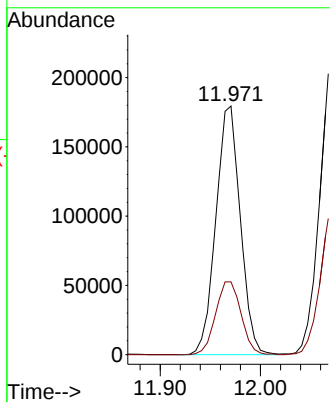
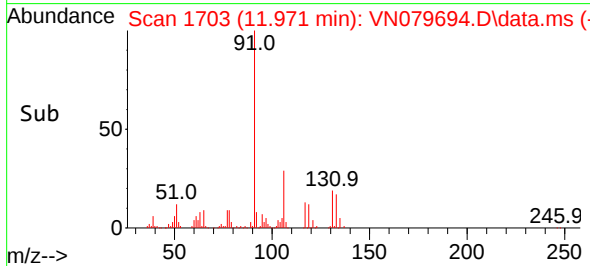
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02



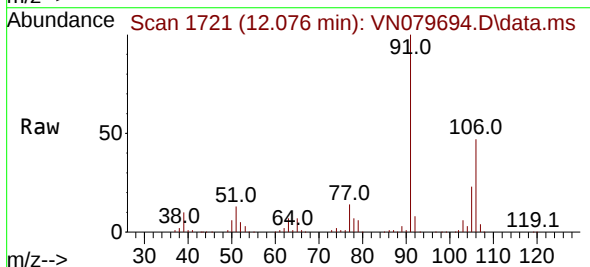
Tgt Ion: 91 Resp: 304418
Ion Ratio Lower Upper
91 100
106 29.3 25.6 38.4

Manual Integrations
APPROVED

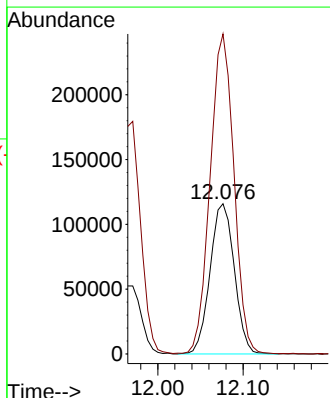
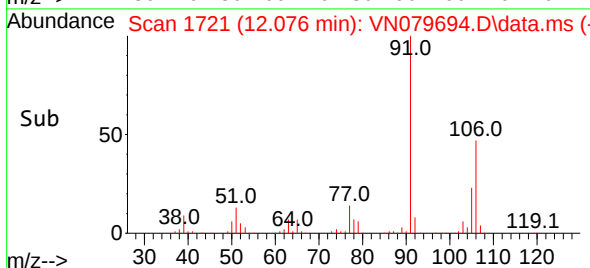
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

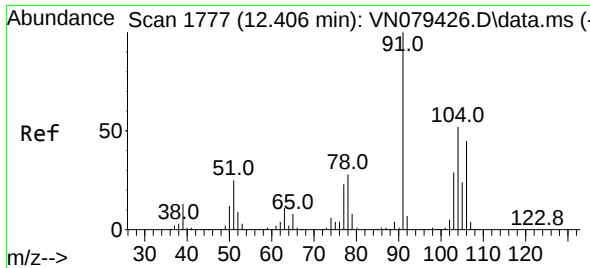


#68
m/p-Xylenes
Concen: 40.463 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43



Tgt Ion:106 Resp: 229416
Ion Ratio Lower Upper
106 100
91 208.8 159.6 239.4





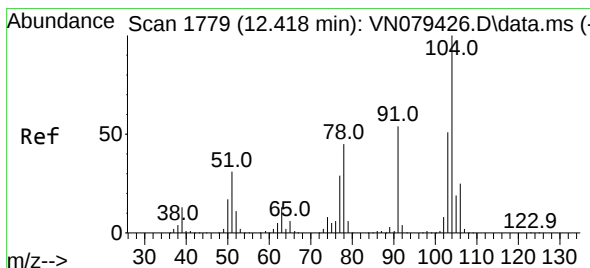
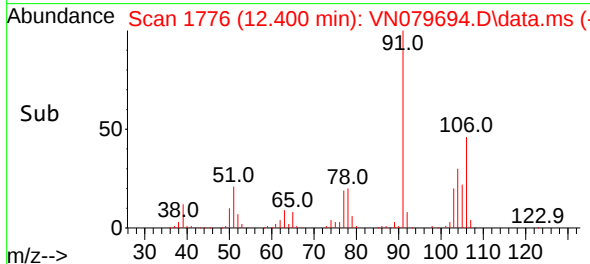
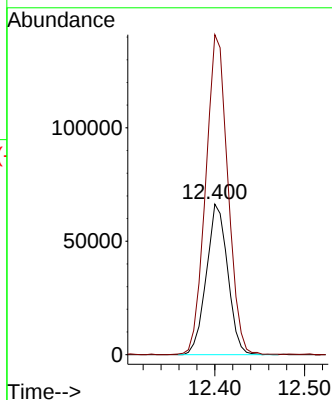
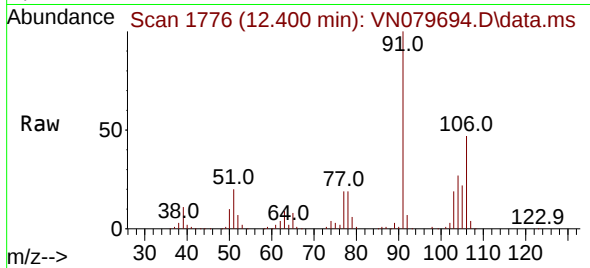
#69
o-Xylene
Concen: 19.632 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02

Tgt Ion:106 Resp: 10946
Ion Ratio Lower Upper
106 100
91 221.1 105.2 315.5

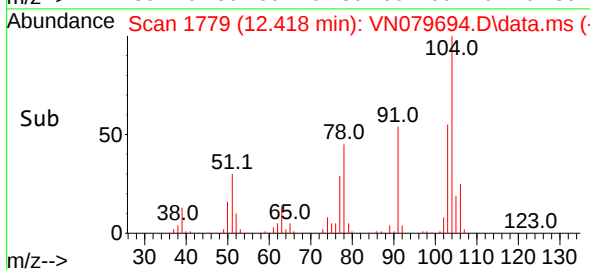
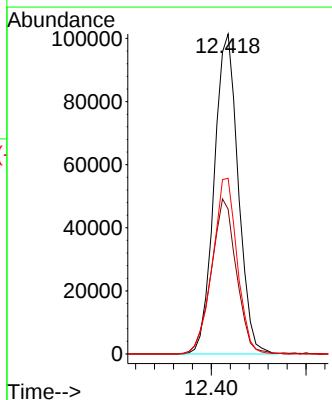
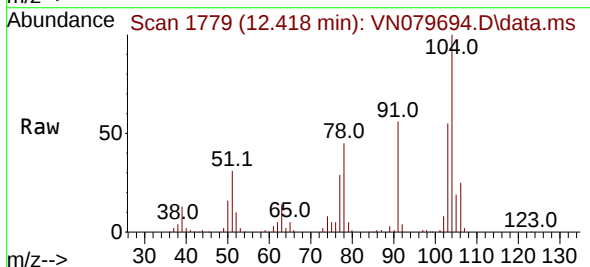
Manual Integrations
APPROVED

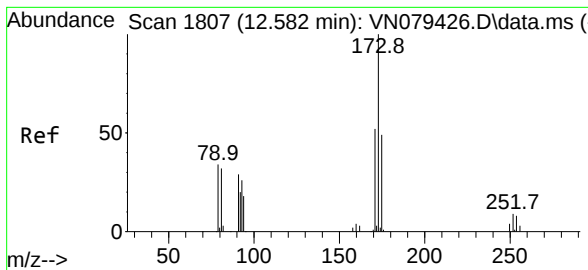
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#70
Styrene
Concen: 20.315 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

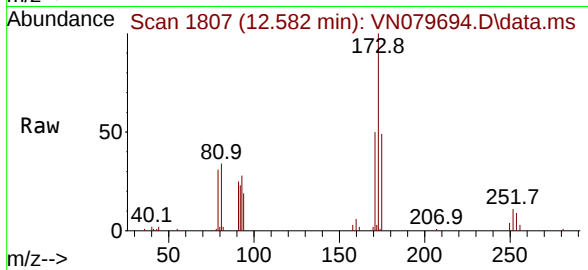
Tgt Ion:104 Resp: 178924
Ion Ratio Lower Upper
104 100
78 50.5 39.5 59.3
103 56.5 43.2 64.8





#71
Bromoform
Concen: 19.016 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

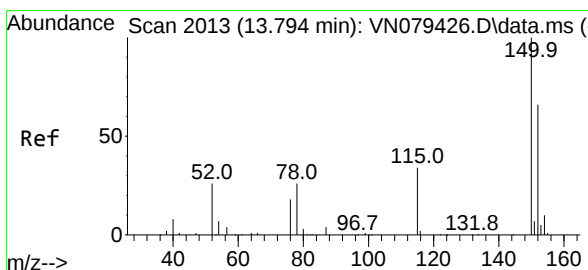
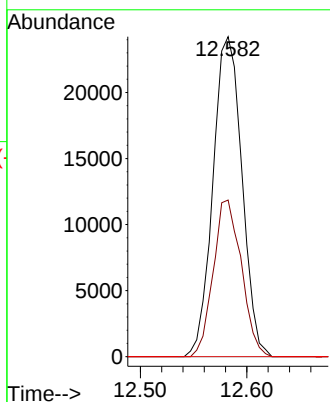
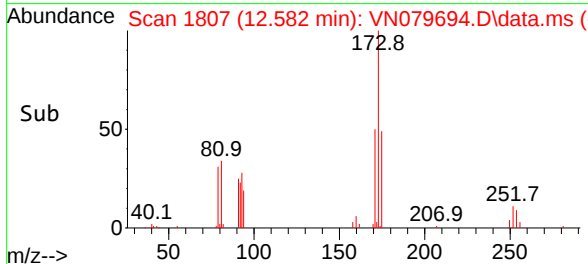
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02



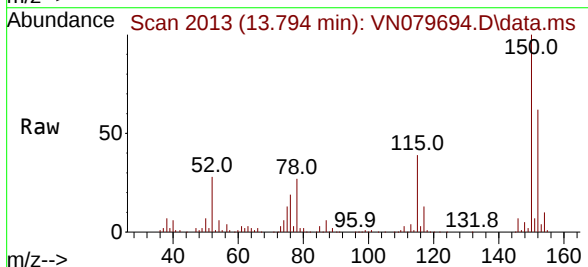
Tgt Ion:173 Resp: 45748
Ion Ratio Lower Upper
173 100
175 47.5 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

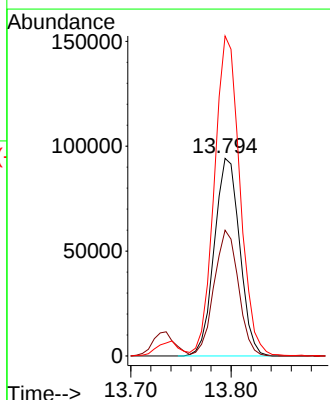
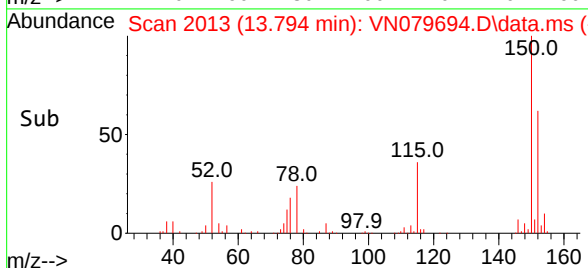
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

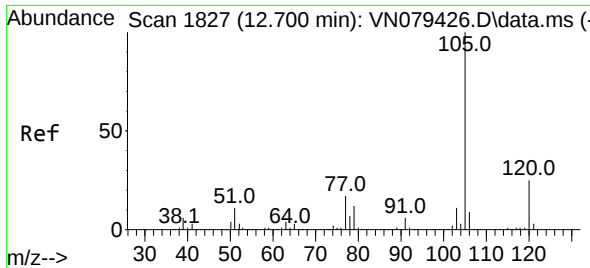


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43



Tgt Ion:152 Resp: 165688
Ion Ratio Lower Upper
152 100
115 61.3 32.3 96.8
150 162.8 0.0 355.8





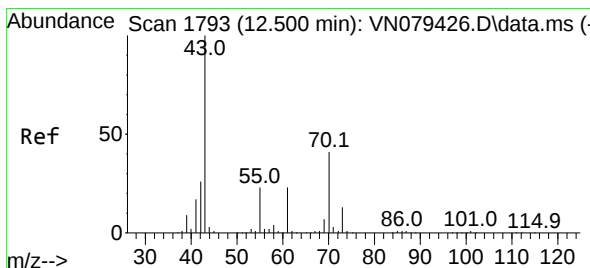
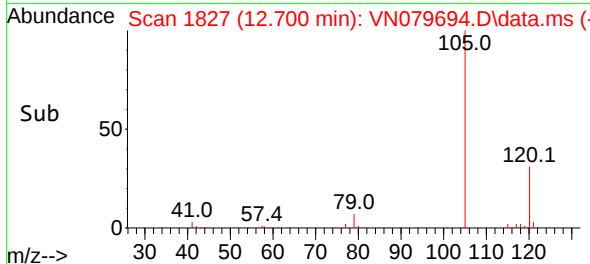
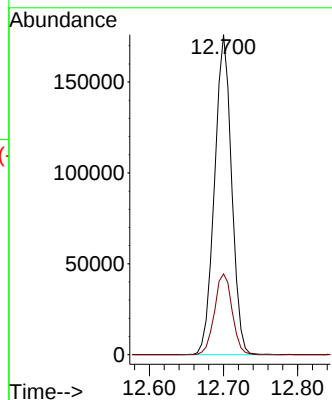
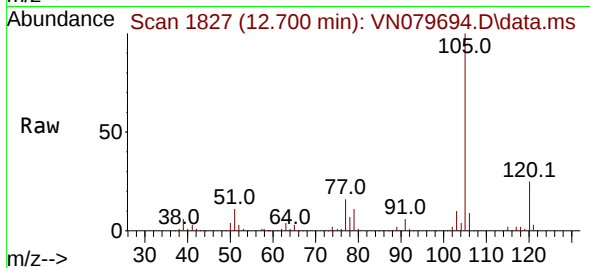
#73
Isopropylbenzene
Concen: 18.231 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02

Tgt Ion:105 Resp: 281024
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1

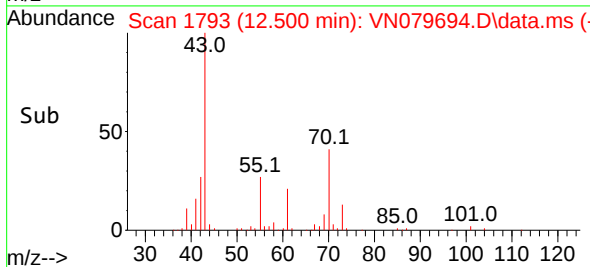
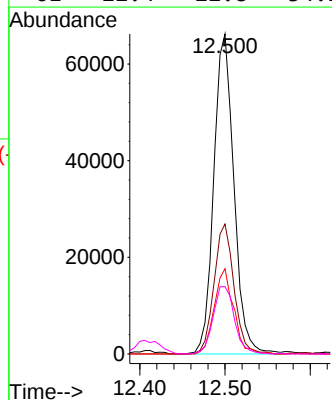
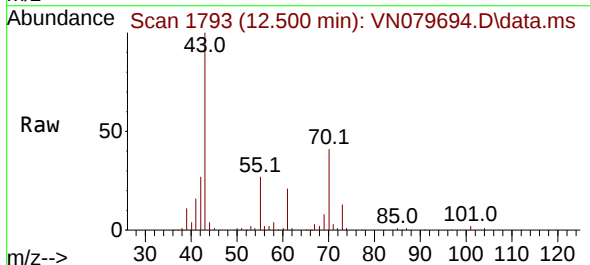
Manual Integrations
APPROVED

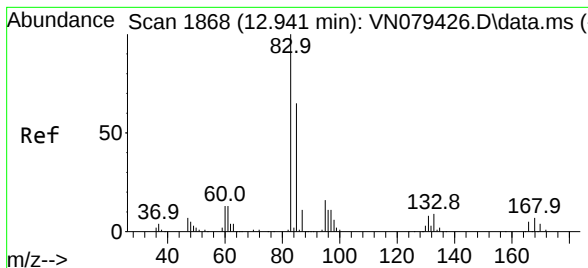
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#74
N-ethyl acetate
Concen: 17.193 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

Tgt Ion: 43 Resp: 108647
Ion Ratio Lower Upper
43 100
70 40.3 43.4 65.2#
55 25.7 21.4 32.0
61 22.4 22.8 34.2#





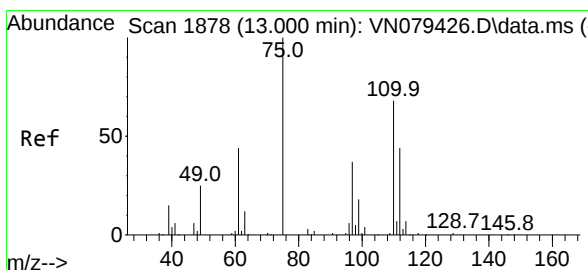
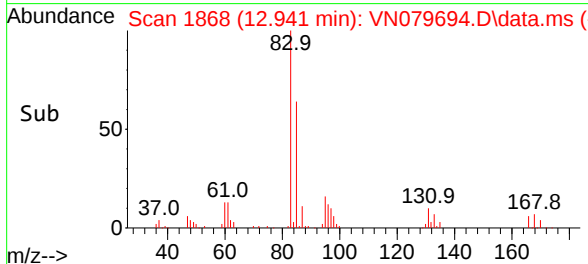
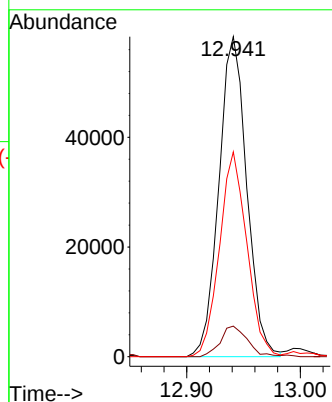
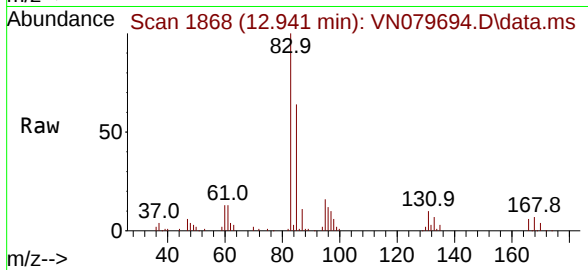
#75
1,1,2,2-Tetrachloroethane
Concen: 19.291 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02

Tgt Ion: 83 Resp: 9969
Ion Ratio Lower Upper
83 100
131 9.4 5.0 15.0
85 62.8 31.9 95.7

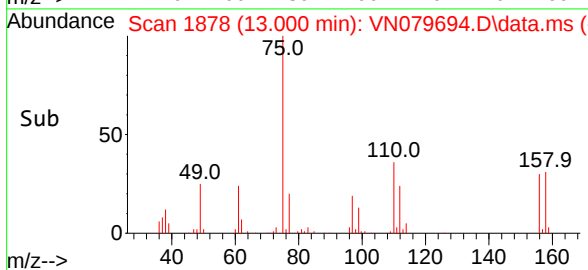
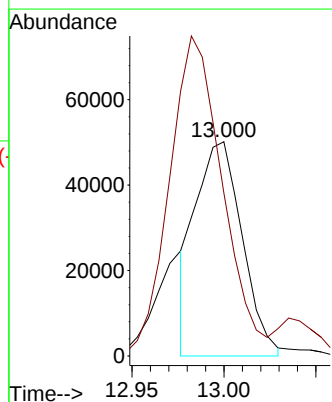
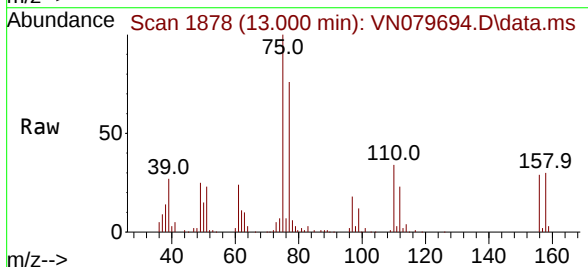
Manual Integrations
APPROVED

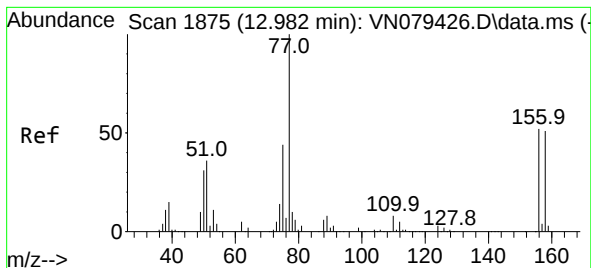
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#76
1,2,3-Trichloropropane
Concen: 18.536 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

Tgt Ion: 75 Resp: 88550
Ion Ratio Lower Upper
75 100
77 169.3 84.5 253.5





#77

Bromobenzene

Concen: 18.163 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079694.D

Acq: 26 Oct 2023 12:43

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS02

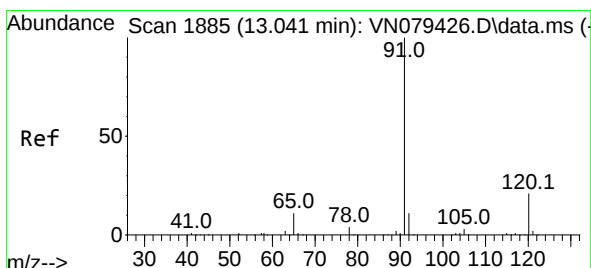
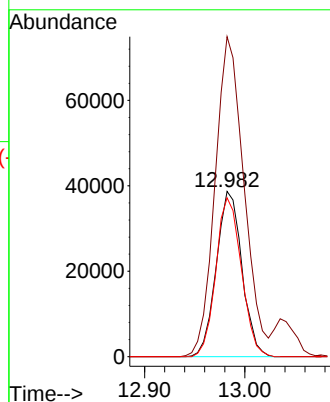
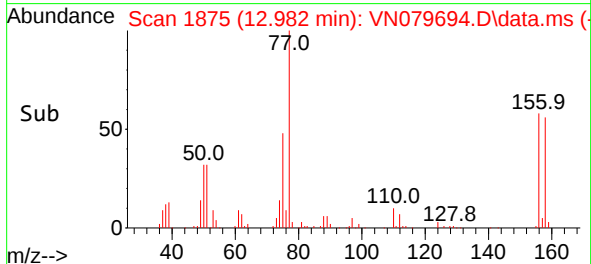
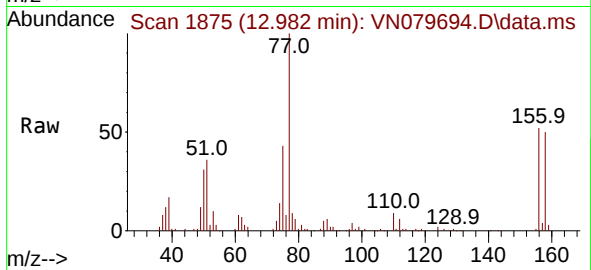
Tgt Ion:156 Resp: 6864
 Ion Ratio Lower Upper
 156 100
 77 218.3 107.7 323.3
 158 95.5 48.4 145.3

Manual Integrations

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Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#78

n-propylbenzene

Concen: 18.977 ug/l

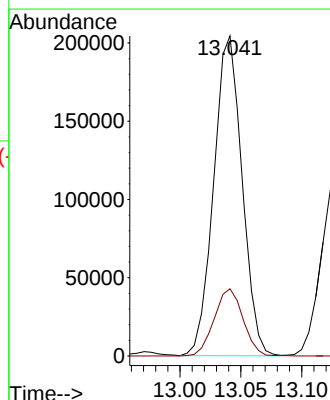
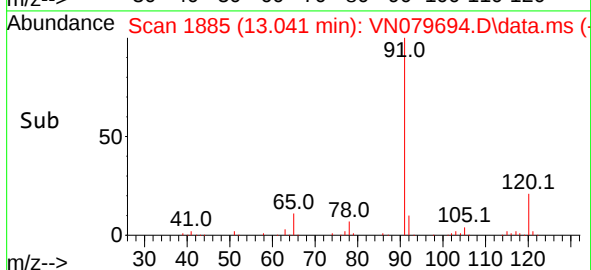
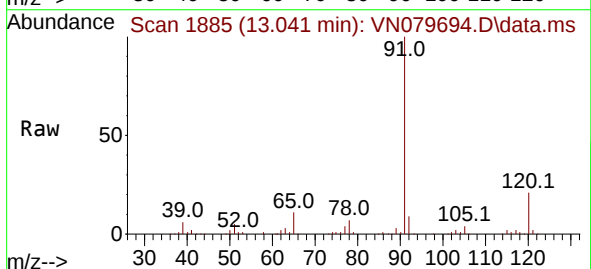
RT: 13.041 min Scan# 1885

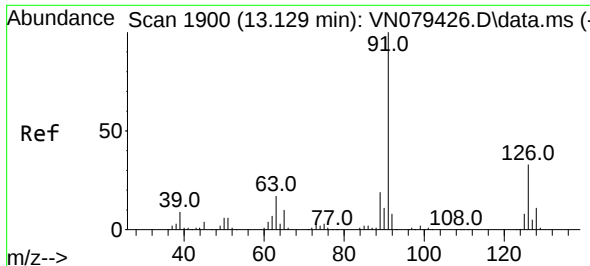
Delta R.T. 0.000 min

Lab File: VN079694.D

Acq: 26 Oct 2023 12:43

Tgt Ion: 91 Resp: 330956
 Ion Ratio Lower Upper
 91 100
 120 21.3 11.5 34.4





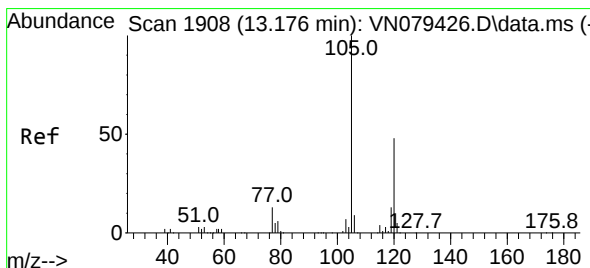
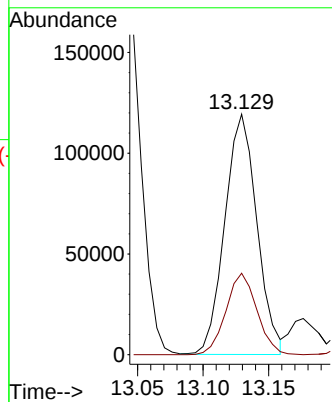
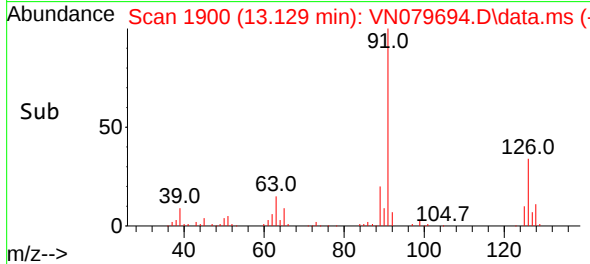
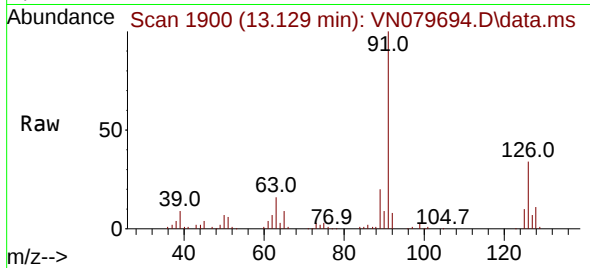
#79
2-Chlorotoluene
Concen: 18.229 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02

Tgt Ion: 91 Resp: 203430
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.8

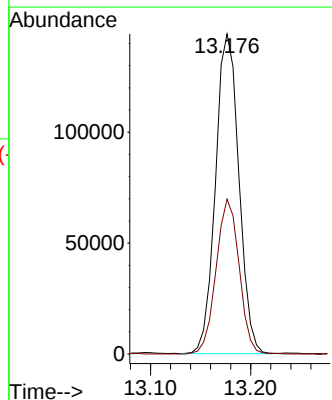
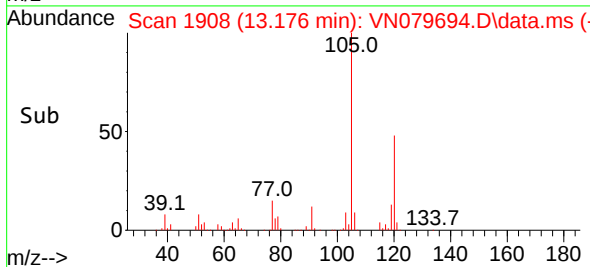
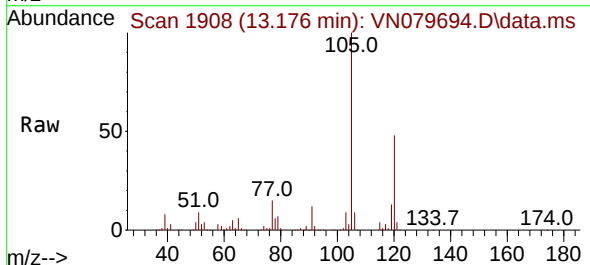
Manual Integrations
APPROVED

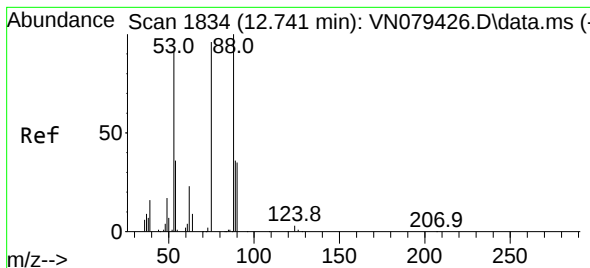
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.171 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

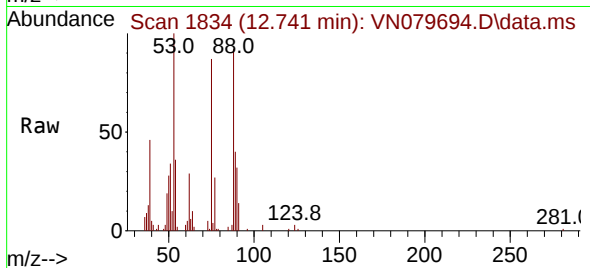
Tgt Ion:105 Resp: 233029
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.426 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

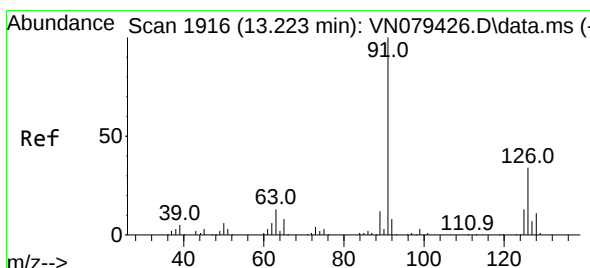
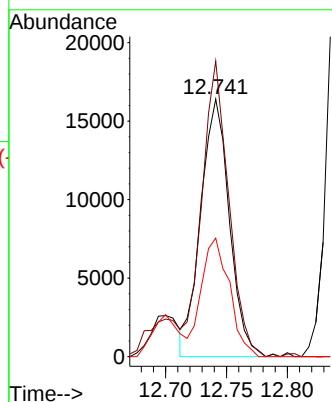
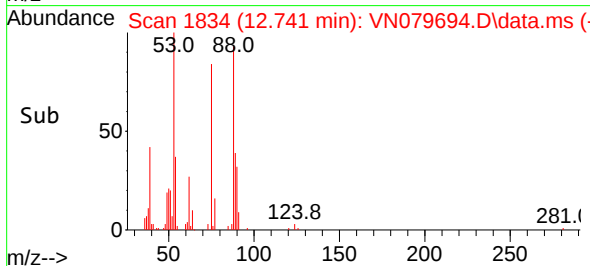
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02



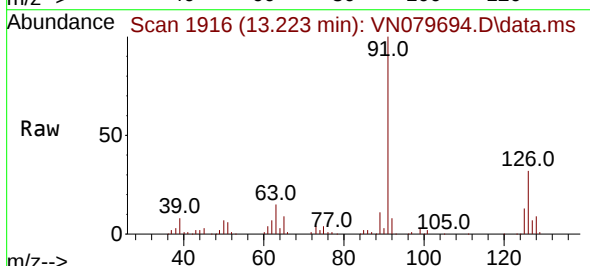
Tgt Ion: 75 Resp: 27044
Ion Ratio Lower Upper
75 100
53 107.3 67.4 101.2
89 44.8 38.8 58.2

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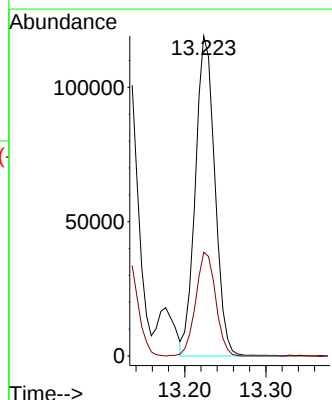
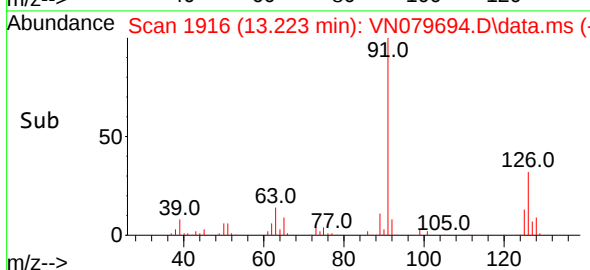
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

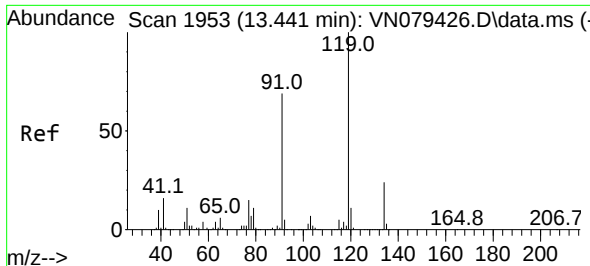


#82
4-Chlorotoluene
Concen: 18.728 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43



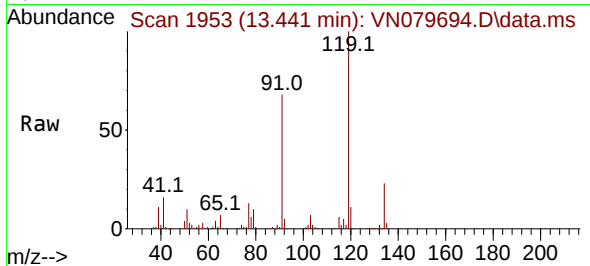
Tgt Ion: 91 Resp: 198876
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.0





#83
tert-Butylbenzene
Concen: 18.724 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

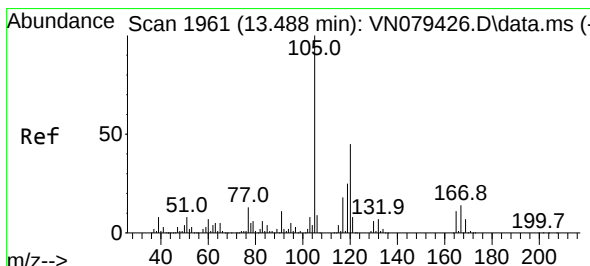
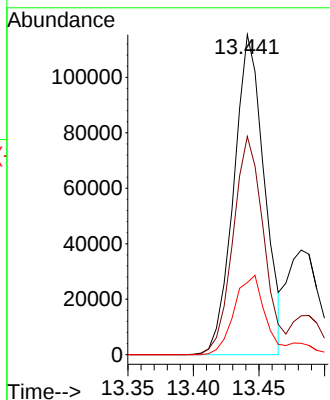
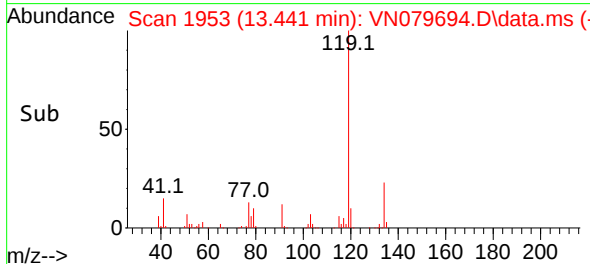
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02



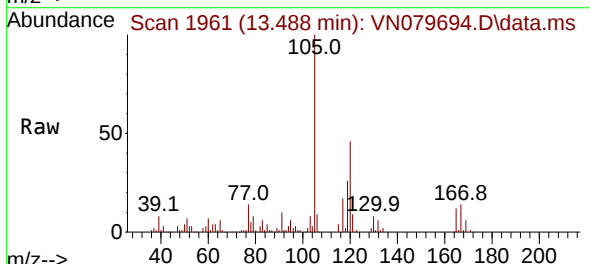
Tgt Ion:119 Resp: 18646
Ion Ratio Lower Upper
119 100
91 69.0 33.9 101.7
134 25.1 13.2 39.6

Manual Integrations
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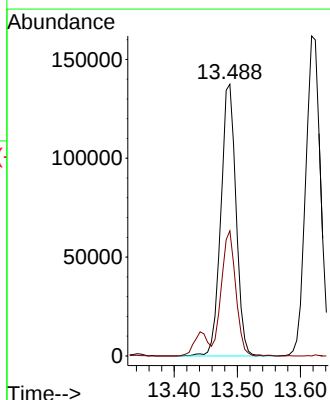
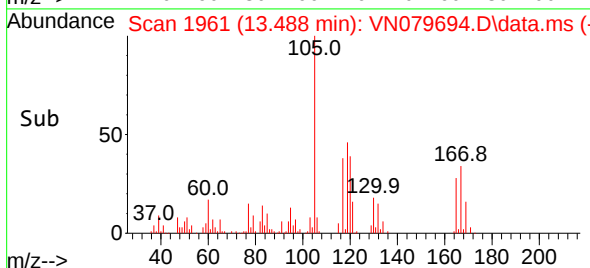
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

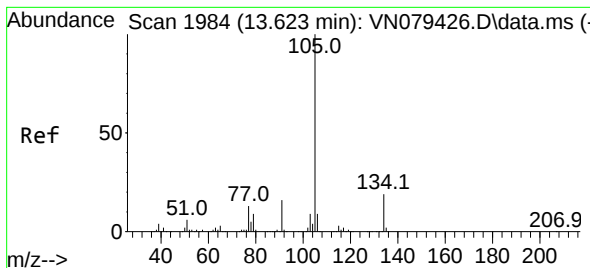


#84
1,2,4-Trimethylbenzene
Concen: 19.754 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43



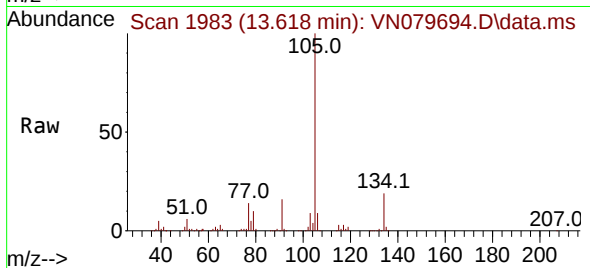
Tgt Ion:105 Resp: 229144
Ion Ratio Lower Upper
105 100
120 43.5 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 19.064 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN079694.D
 Acq: 26 Oct 2023 12:43

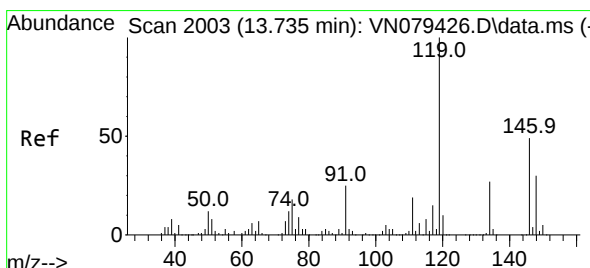
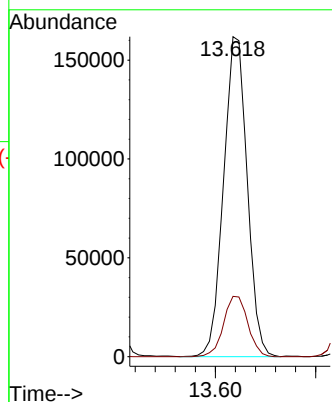
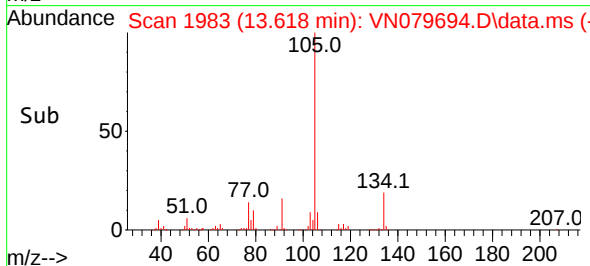
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026MBS02



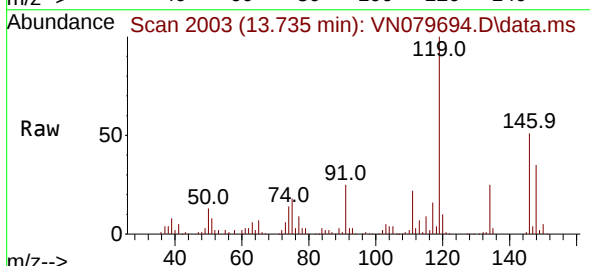
Tgt Ion:105 Resp: 264815
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

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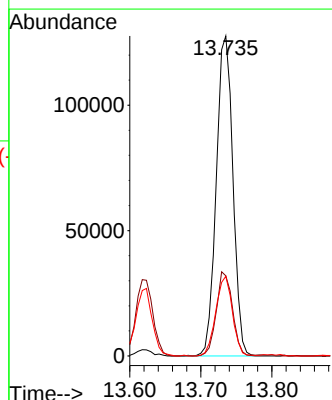
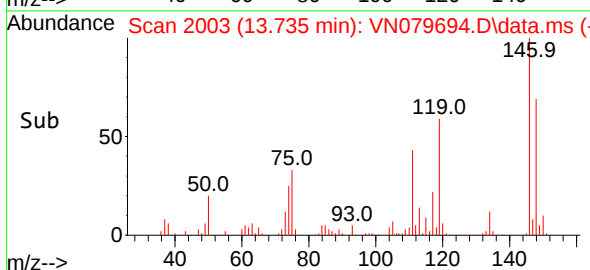
Reviewed By :John Carlone 10/27/2023
 Supervised By :Mahesh Dadoda 10/27/2023

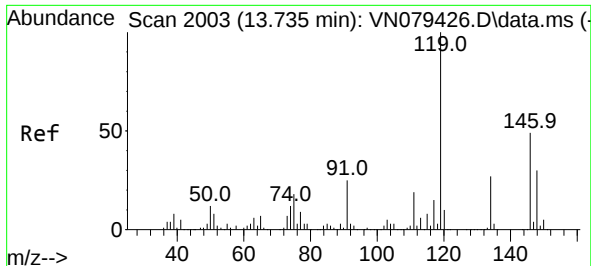


#86
 p-Isopropyltoluene
 Concen: 19.438 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079694.D
 Acq: 26 Oct 2023 12:43



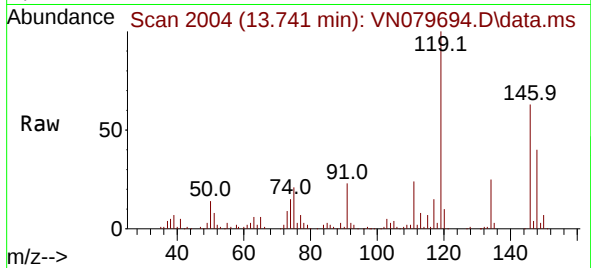
Tgt Ion:119 Resp: 207138
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 24.9 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 18.991 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. 0.006 min
 Lab File: VN079694.D
 Acq: 26 Oct 2023 12:43

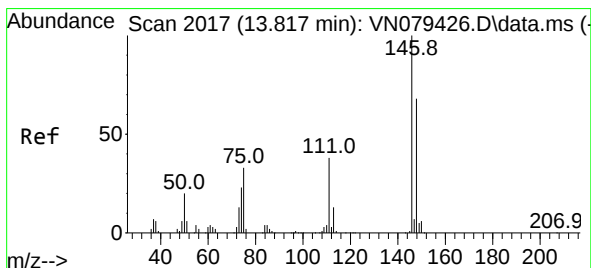
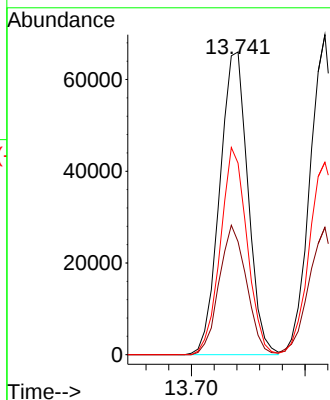
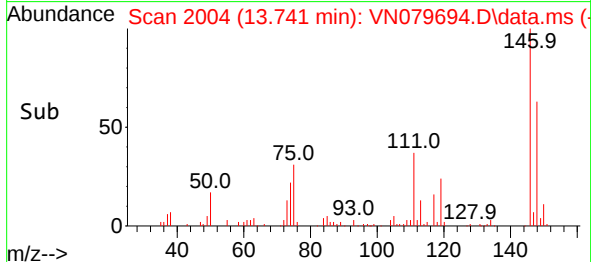
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026MBS02



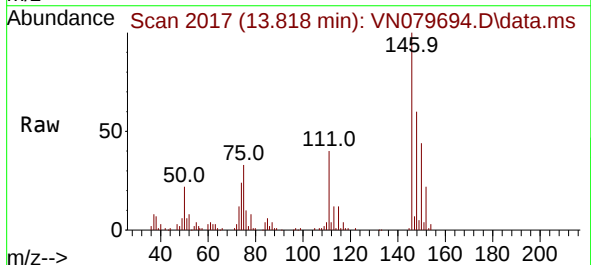
Tgt Ion:146 Resp: 11384
 Ion Ratio Lower Upper
 146 100
 111 41.5 22.1 66.3
 148 64.7 32.0 96.0

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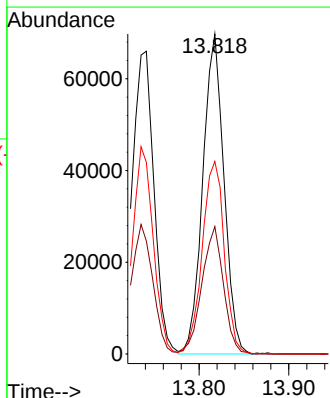
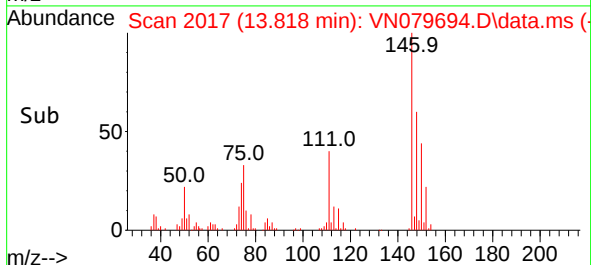
Reviewed By :John Carlone 10/27/2023
 Supervised By :Mahesh Dadoda 10/27/2023

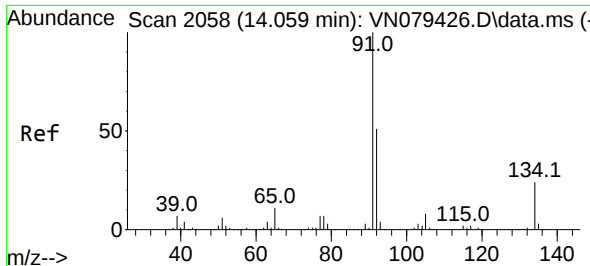


#88
 1,4-Dichlorobenzene
 Concen: 18.440 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN079694.D
 Acq: 26 Oct 2023 12:43



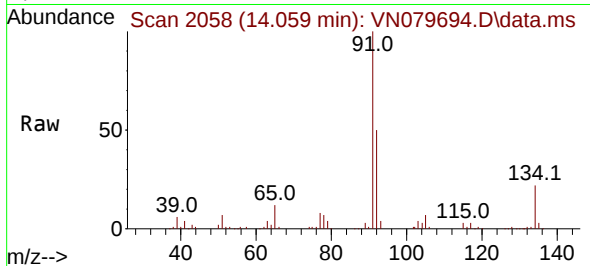
Tgt Ion:146 Resp: 114144
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.6 61.8
 148 62.8 31.6 94.8





#89
n-Butylbenzene
Concen: 18.867 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

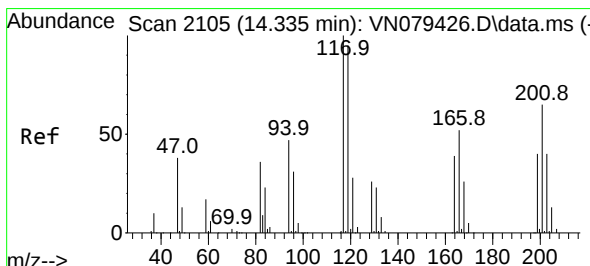
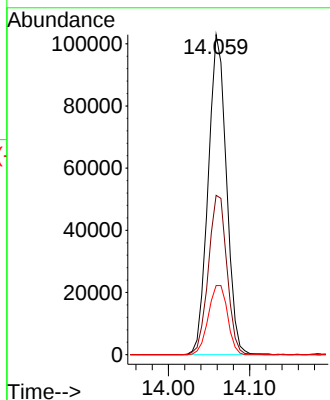
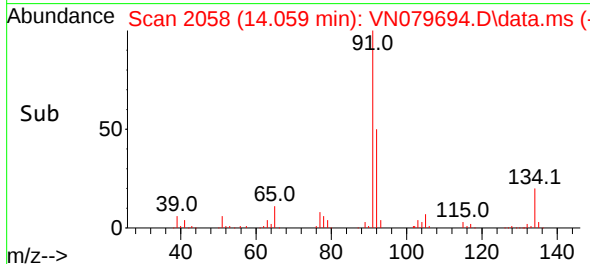
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02



Tgt Ion: 91 Resp: 160540
Ion Ratio Lower Upper
91 100
92 50.7 26.4 79.0
134 22.7 12.6 37.6

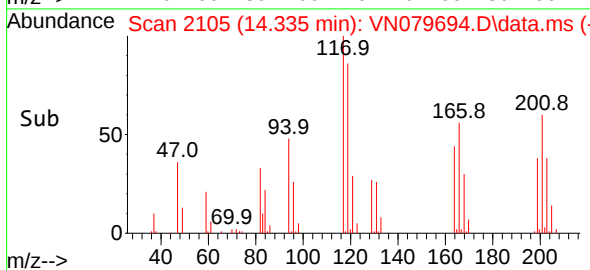
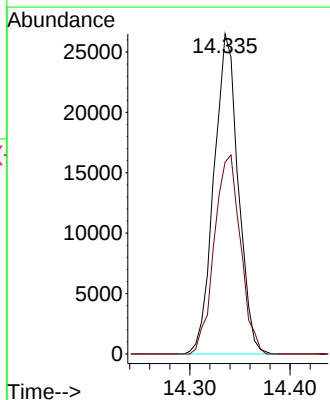
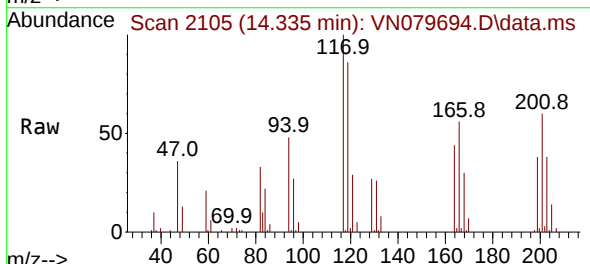
Manual Integrations
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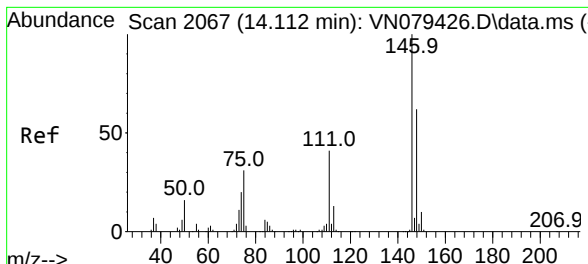
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#90
Hexachloroethane
Concen: 19.982 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

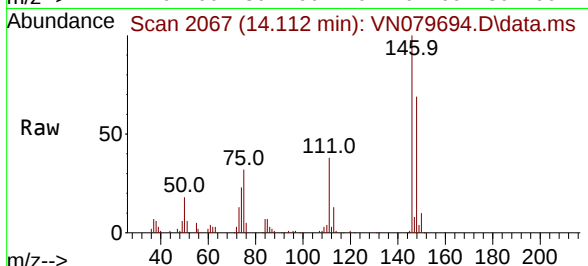
Tgt Ion:117 Resp: 44587
Ion Ratio Lower Upper
117 100
201 67.0 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 19.124 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43

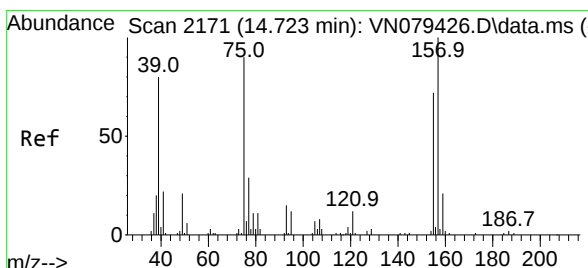
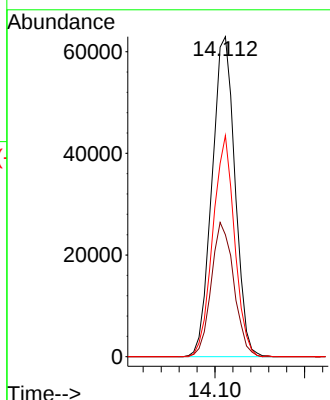
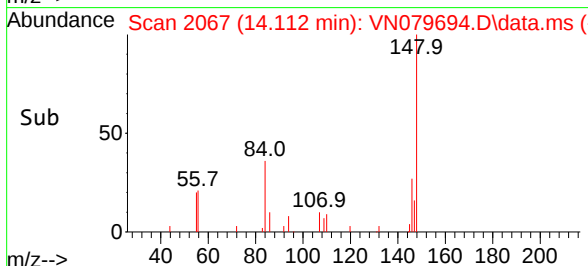
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02



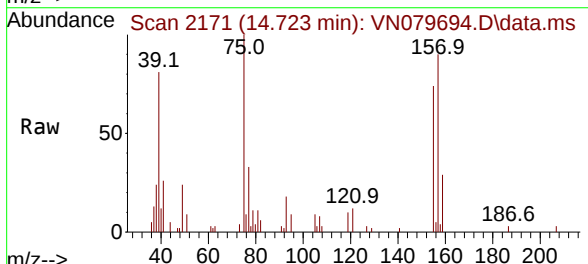
Tgt Ion:146 Resp: 111828
Ion Ratio Lower Upper
146 100
111 41.2 22.0 66.0
148 65.3 31.8 95.3

Manual Integrations
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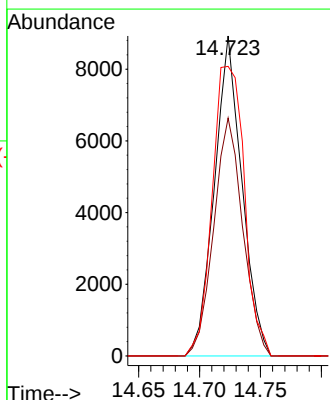
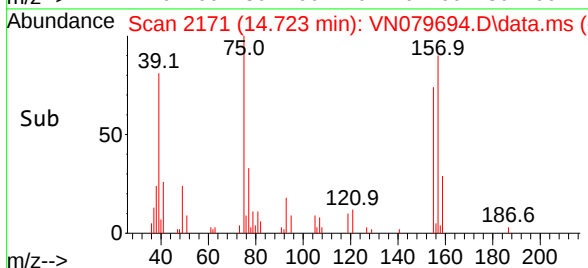
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

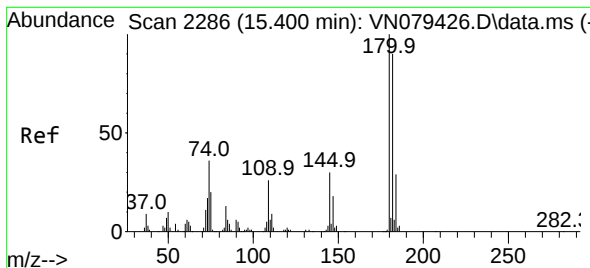


#92
1,2-Dibromo-3-Chloropropane
Concen: 15.781 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079694.D
Acq: 26 Oct 2023 12:43



Tgt Ion: 75 Resp: 14066
Ion Ratio Lower Upper
75 100
155 78.2 39.1 117.2
157 105.3 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 15.750 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079694.D

Acq: 26 Oct 2023 12:43

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS02

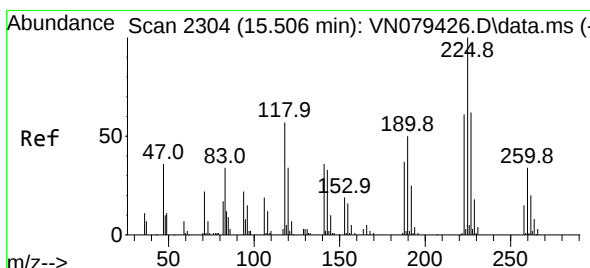
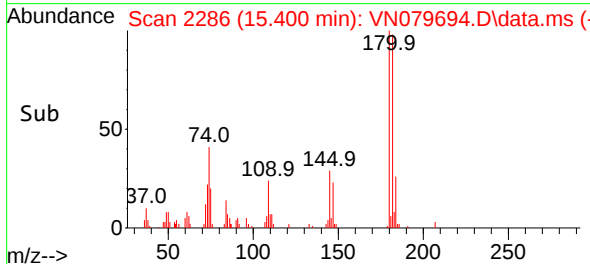
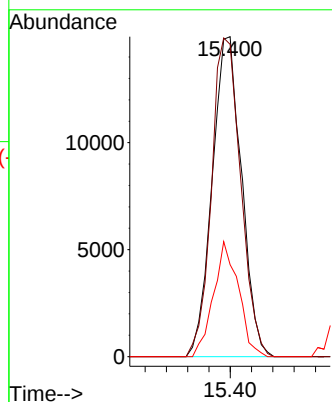
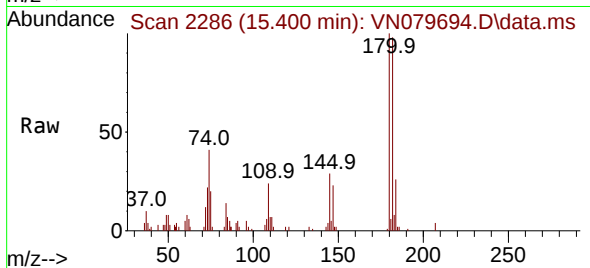
Tgt Ion:	180	Resp:	28524
Ion Ratio	Lower	Upper	
180	100		
182	99.1	46.1	138.2
145	30.8	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#94

Hexachlorobutadiene

Concen: 18.627 ug/l

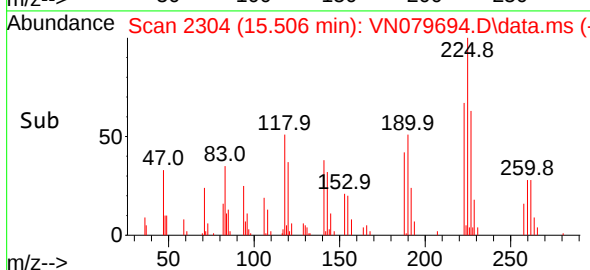
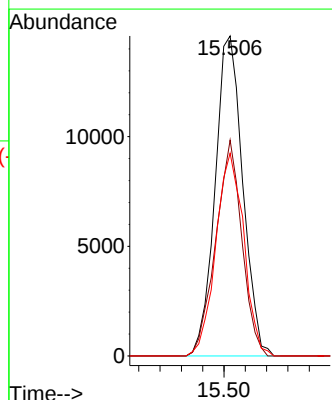
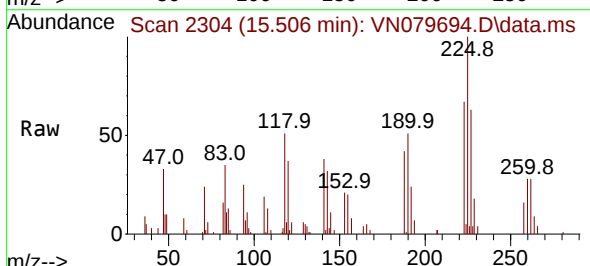
RT: 15.506 min Scan# 2304

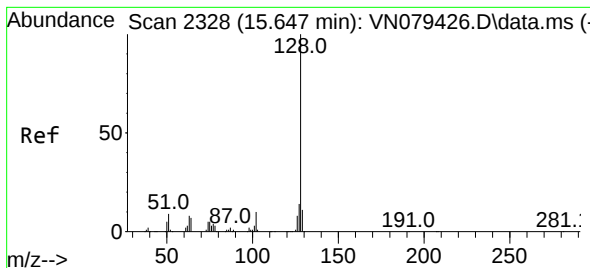
Delta R.T. 0.000 min

Lab File: VN079694.D

Acq: 26 Oct 2023 12:43

Tgt Ion:	225	Resp:	26274
Ion Ratio	Lower	Upper	
225	100		
223	63.7	31.3	93.8
227	64.1	31.9	95.9





#95

Naphthalene

Concen: 13.091 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079694.D

Acq: 26 Oct 2023 12:43

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS02

Tgt Ion:128 Resp: 7239

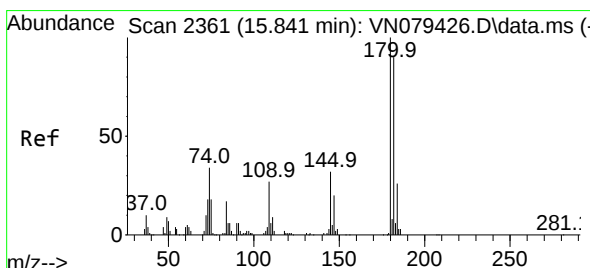
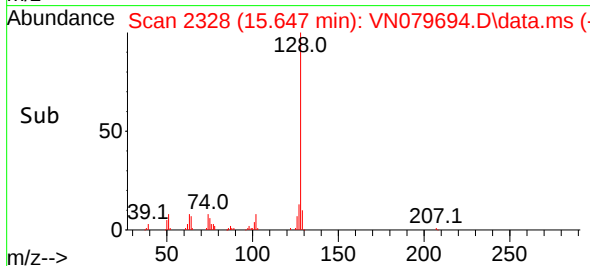
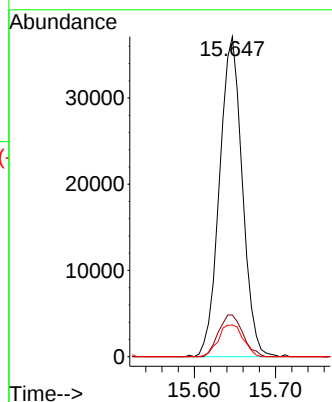
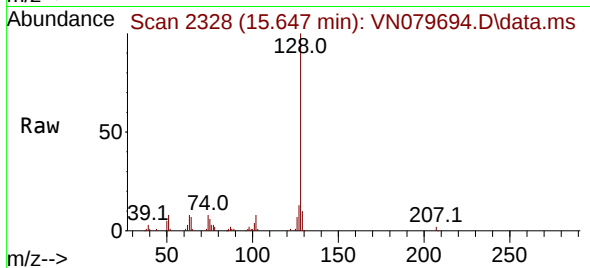
Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.0	15.0
129	10.8	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#96

1,2,3-Trichlorobenzene

Concen: 15.440 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN079694.D

Acq: 26 Oct 2023 12:43

Tgt Ion:180 Resp: 33369

Ion	Ratio	Lower	Upper
180	100		
182	88.6	46.2	138.6
145	32.4	17.5	52.6

