

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061923\
 Data File : VN078282.D
 Acq On : 19 Jun 2023 16:12
 Operator : JC\MD
 Sample : VN0619WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/22/2023
 Supervised By : Mahesh Dadoda 06/22/2023

Quant Time: Jun 20 01:29:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	387680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	703622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	595742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	221598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	277617	53.708	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.420%			
35) Dibromofluoromethane	8.177	113	228689	51.403	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.800%			
50) Toluene-d8	10.577	98	838429	48.885	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.780%			
62) 4-Bromofluorobenzene	12.853	95	260840	48.921	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	68626	15.660	ug/l	99
3) Chloromethane	2.371	50	79701	18.171	ug/l	98
4) Vinyl Chloride	2.518	62	107242	18.688	ug/l	95
5) Bromomethane	2.959	94	82995	19.138	ug/l	95
6) Chloroethane	3.130	64	79359	20.287	ug/l	99
7) Trichlorofluoromethane	3.506	101	139375	17.910	ug/l	92
8) Diethyl Ether	3.971	74	49407	18.070	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.383	101	75363	18.351	ug/l	99
10) Methyl Iodide	4.606	142	98530	16.965	ug/l	96
11) Tert butyl alcohol	5.536	59	72080	100.991	ug/l	99
12) 1,1-Dichloroethene	4.348	96	71658	16.927	ug/l	87
13) Acrolein	4.189	56	86508	109.974	ug/l	94
14) Allyl chloride	5.030	41	96703	18.713	ug/l	89
15) Acrylonitrile	5.730	53	192874	104.817	ug/l	99
16) Acetone	4.442	43	151097	101.556	ug/l	98
17) Carbon Disulfide	4.718	76	163723	15.025	ug/l	100
18) Methyl Acetate	5.042	43	140412	20.499	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	266296	19.715	ug/l	97
20) Methylene Chloride	5.289	84	94631	19.247	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	77725	17.022	ug/l #	83
22) Diisopropyl ether	6.683	45	245058	20.160	ug/l	97
23) Vinyl Acetate	6.612	43	707617	97.927	ug/l #	88
24) 1,1-Dichloroethane	6.583	63	156047	19.460	ug/l	96
25) 2-Butanone	7.494	43	238085	104.061	ug/l	89
26) 2,2-Dichloropropane	7.500	77	127937	21.607	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	97187	17.844	ug/l	92
28) Bromochloromethane	7.818	49	80871	21.965	ug/l	87
29) Tetrahydrofuran	7.847	42	160750	105.099	ug/l #	83
30) Chloroform	7.971	83	170458	19.740	ug/l	90
31) Cyclohexane	8.271	56	109082	16.451	ug/l	90
32) 1,1,1-Trichloroethane	8.177	97	148949	19.648	ug/l	99
36) 1,1-Dichloropropene	8.383	75	114575	17.954	ug/l	96
37) Ethyl Acetate	7.577	43	102244	20.510	ug/l	97
38) Carbon Tetrachloride	8.371	117	121323	18.005	ug/l	98
39) Methylcyclohexane	9.612	83	88589	13.396	ug/l	93
40) Benzene	8.612	78	360188	18.906	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	51253	18.968	ug/l	89
42) 1,2-Dichloroethane	8.677	62	129875	19.883	ug/l	97
43) Isopropyl Acetate	8.694	43	185607	19.468	ug/l #	92
44) Trichloroethene	9.359	130	88818	17.653	ug/l	99
45) 1,2-Dichloropropane	9.630	63	92856	19.590	ug/l	89
46) Dibromomethane	9.718	93	64799	18.560	ug/l	93
47) Bromodichloromethane	9.894	83	129927	20.034	ug/l	91
48) Methyl methacrylate	9.688	41	76406	19.097	ug/l	93
49) 1,4-Dioxane	9.700	88	32981	392.203	ug/l	90
51) 4-Methyl-2-Pentanone	10.453	43	531758	105.918	ug/l	93
52) Toluene	10.635	92	222215	18.474	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	131953	19.537	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	142612	19.102	ug/l	93
55) 1,1,2-Trichloroethane	11.024	97	92766	20.387	ug/l	89
56) Ethyl methacrylate	10.882	69	130961	19.766	ug/l #	90
57) 1,3-Dichloropropane	11.171	76	154722	20.144	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	248010	92.662	ug/l	92
59) 2-Hexanone	11.200	43	372450	106.545	ug/l	90
60) Dibromochloromethane	11.365	129	96185	19.318	ug/l	99
61) 1,2-Dibromoethane	11.476	107	92883	19.451	ug/l	98
64) Tetrachloroethene	11.112	164	69713	17.541	ug/l	95
65) Chlorobenzene	11.894	112	231559	18.150	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	91724	19.547	ug/l	99
67) Ethyl Benzene	11.971	91	398191	18.088	ug/l	98
68) m/p-Xylenes	12.076	106	293624	34.999	ug/l	96
69) o-Xylene	12.406	106	150203	18.231	ug/l	98
70) Styrene	12.418	104	240213	18.520	ug/l	98
71) Bromoform	12.582	173	61097	20.176	ug/l #	100
73) Isopropylbenzene	12.700	105	346812	16.550	ug/l	99
74) N-amyl acetate	12.500	43	129694	18.795	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	134252	21.919	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	101653m	19.404	ug/l	
77) Bromobenzene	12.988	156	87118	17.909	ug/l	99
78) n-propylbenzene	13.041	91	376062	16.518	ug/l	98
79) 2-Chlorotoluene	13.129	91	256441	17.450	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	274265	16.166	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	32649	19.148	ug/l	92
82) 4-Chlorotoluene	13.229	91	231808	16.901	ug/l	98
83) tert-Butylbenzene	13.441	119	232721	15.780	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	274428	16.684	ug/l	100
85) sec-Butylbenzene	13.623	105	282288	14.624	ug/l	99
86) p-Isopropyltoluene	13.735	119	233842	14.929	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	131890	16.029	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	131713	16.589	ug/l	98
89) n-Butylbenzene	14.065	91	175364	14.194	ug/l	95
90) Hexachloroethane	14.341	117	43044	15.485	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	138136	17.178	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18704	18.020	ug/l	87
93) 1,2,4-Trichlorobenzene	15.400	180	35003	12.217	ug/l	98
94) Hexachlorobutadiene	15.506	225	20385	12.506	ug/l	91
95) Naphthalene	15.647	128	119311	12.379	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	42486	13.258	ug/l	99

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MSVOA_N
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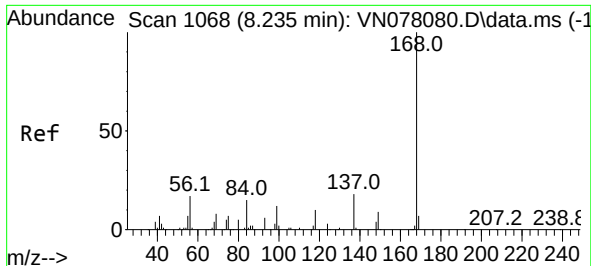
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/22/2023

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Quant Title : SW846 8260
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Response via : Initial Calibration

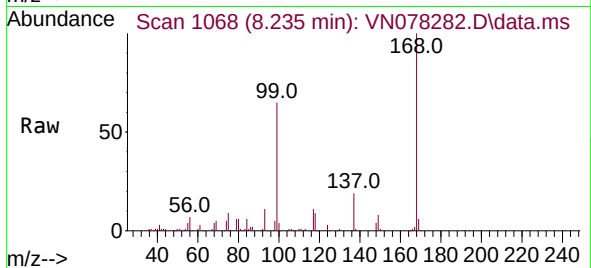
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
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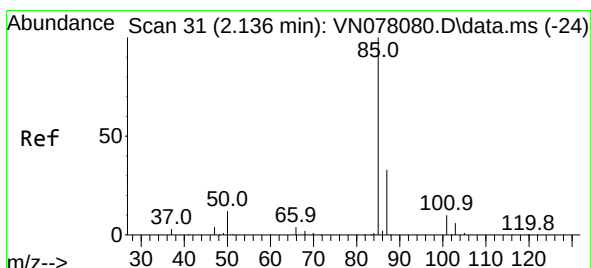
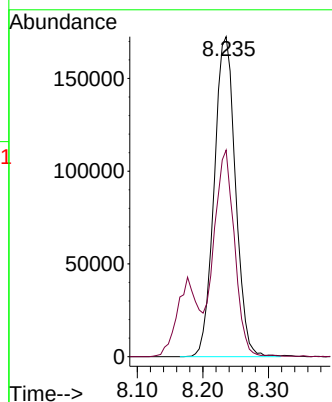
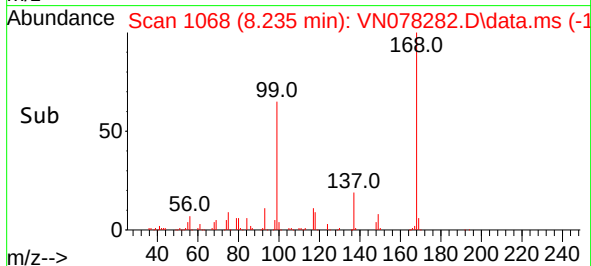
Instrument :
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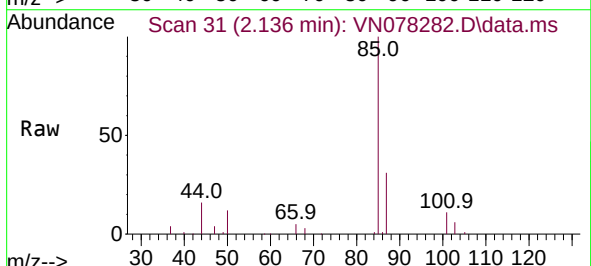
Tgt Ion:168 Resp: 387680
Ion Ratio Lower Upper
168 100
99 64.3 53.0 79.6

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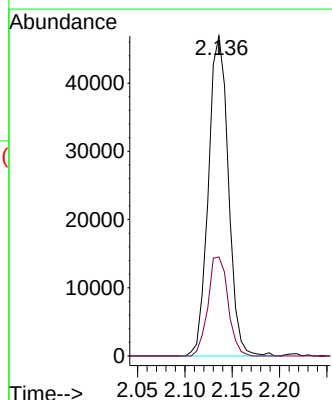
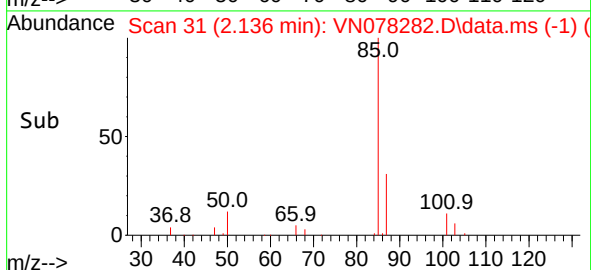
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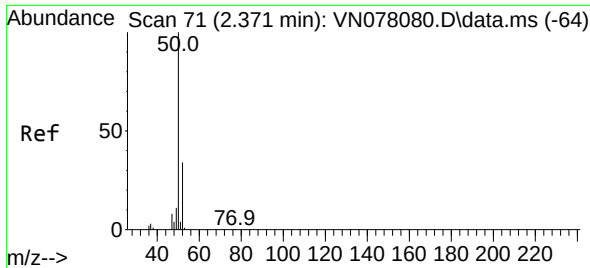


#2
Dichlorodifluoromethane
Concen: 15.660 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12



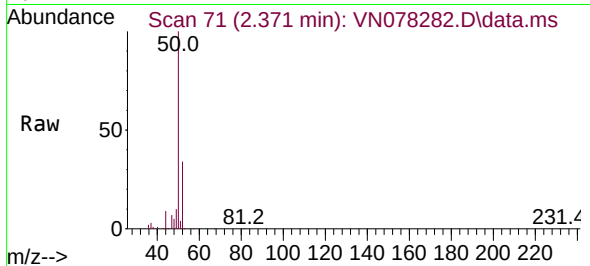
Tgt Ion: 85 Resp: 68626
Ion Ratio Lower Upper
85 100
87 30.9 15.8 47.4





#3
Chloromethane
Concen: 18.171 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

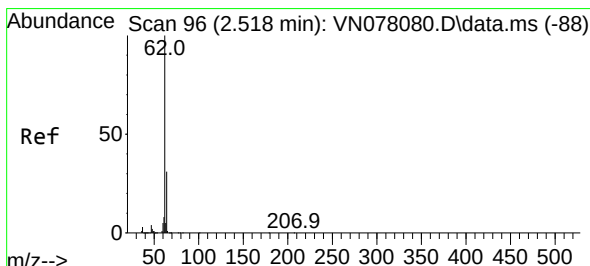
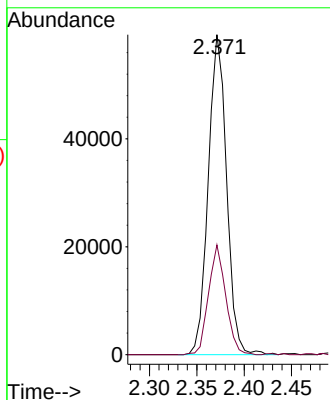
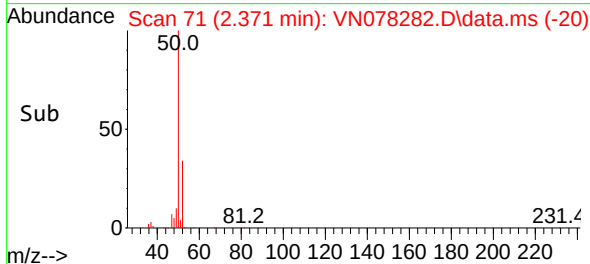
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Tgt Ion: 50 Resp: 7970
Ion Ratio Lower Upper
50 100
52 34.3 26.5 39.7

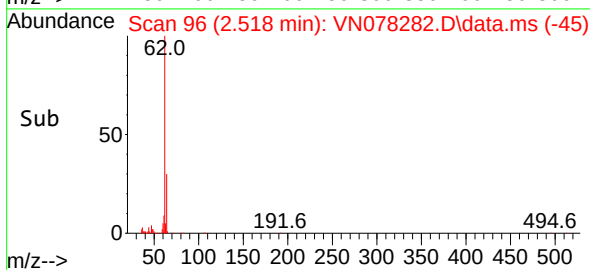
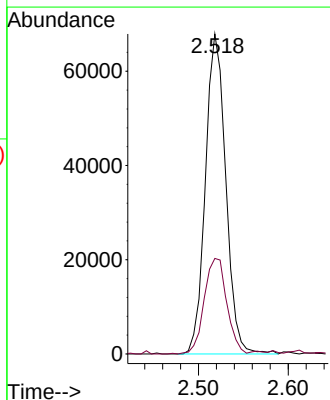
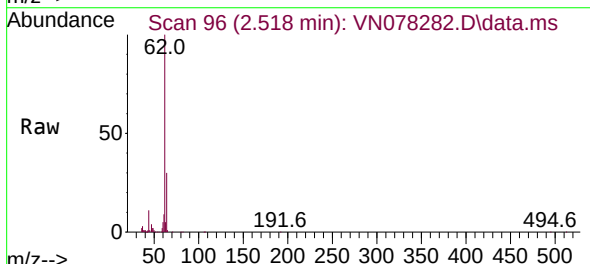
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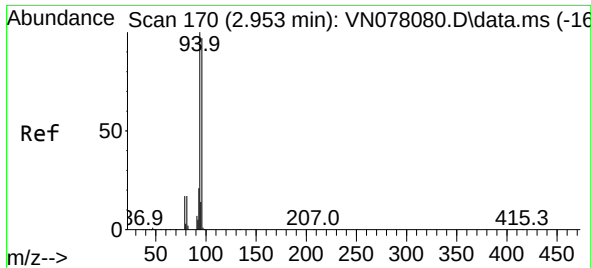
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#4
Vinyl Chloride
Concen: 18.688 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

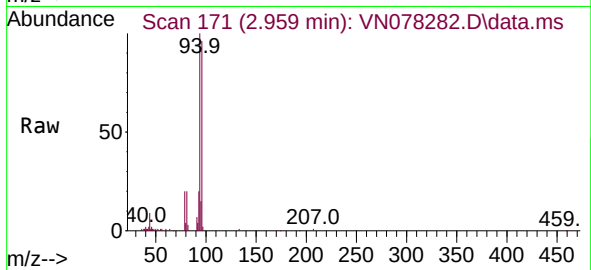
Tgt Ion: 62 Resp: 107242
Ion Ratio Lower Upper
62 100
64 29.8 26.2 39.2





#5
Bromomethane
Concen: 19.138 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

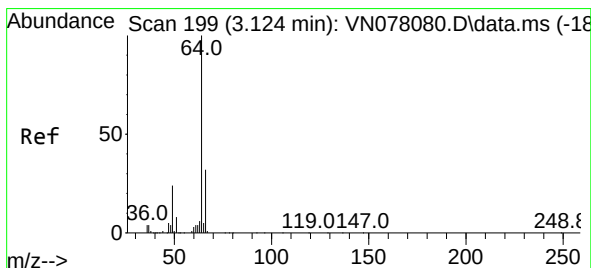
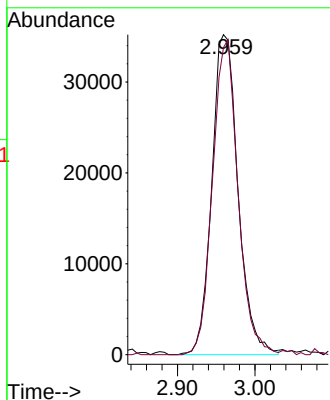
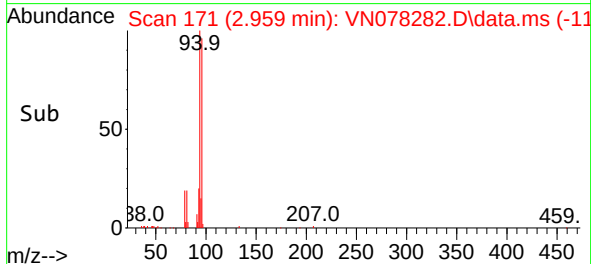
Instrument :
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Tgt Ion: 94 Resp: 82995
Ion Ratio Lower Upper
94 100
96 96.0 73.1 109.7

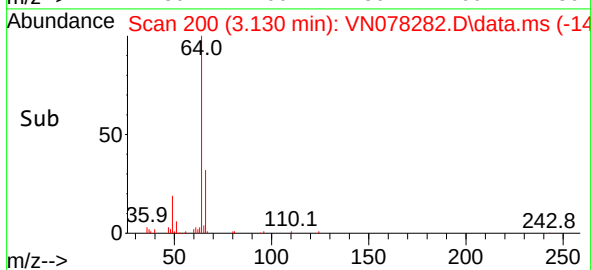
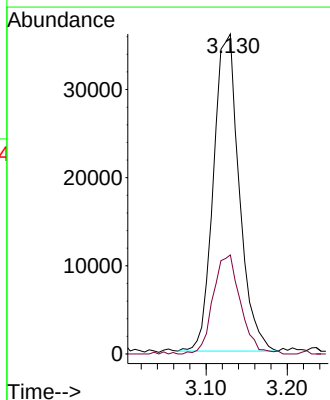
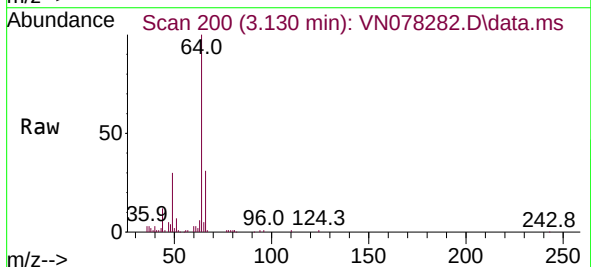
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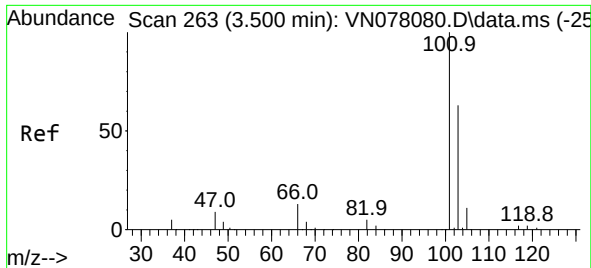
Reviewed By :John Carlone 06/22/2023
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#6
Chloroethane
Concen: 20.287 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN078282.D
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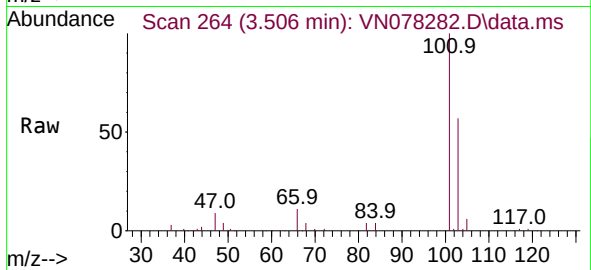
Tgt Ion: 64 Resp: 79359
Ion Ratio Lower Upper
64 100
66 31.2 25.4 38.2





#7
Trichlorofluoromethane
Concen: 17.910 ug/l
RT: 3.506 min Scan# 264
Delta R.T. 0.006 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

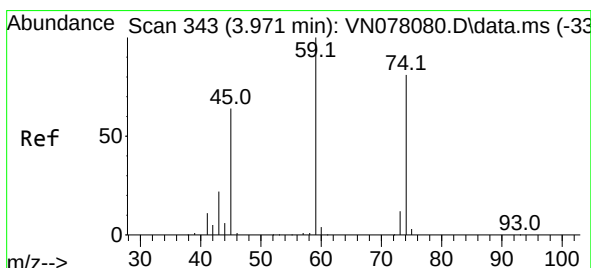
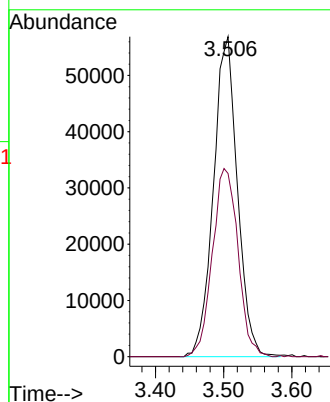
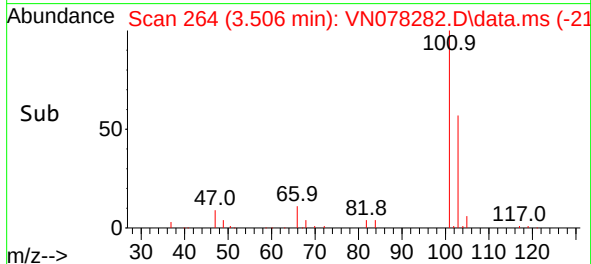
Instrument :
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VN0619WBSD01



Tgt Ion:101 Resp: 139375
Ion Ratio Lower Upper
101 100
103 57.2 50.7 76.1

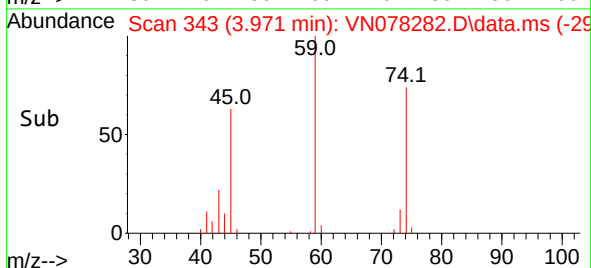
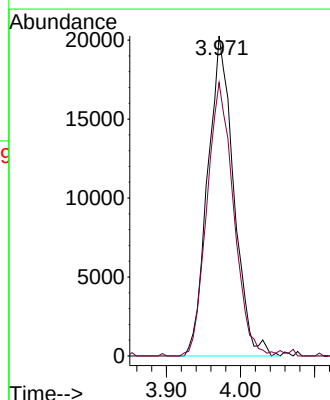
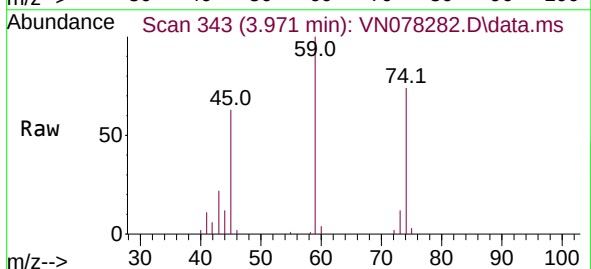
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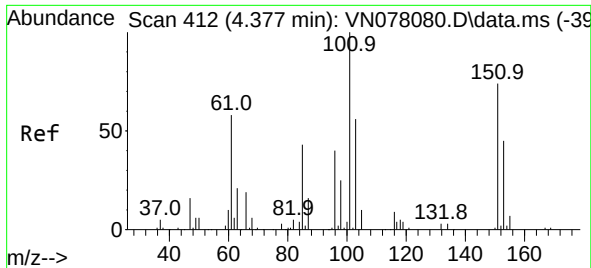
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#8
Diethyl Ether
Concen: 18.070 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 49407
Ion Ratio Lower Upper
74 100
45 87.5 34.4 103.3





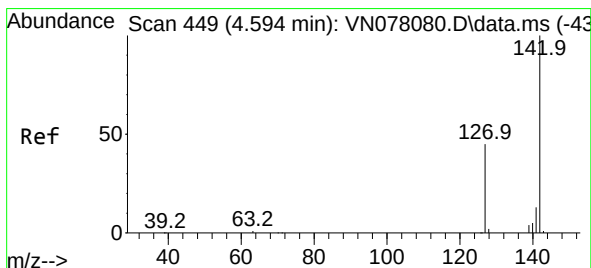
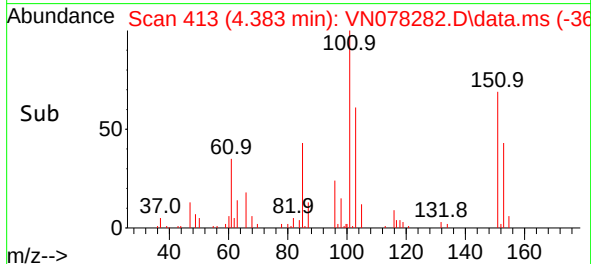
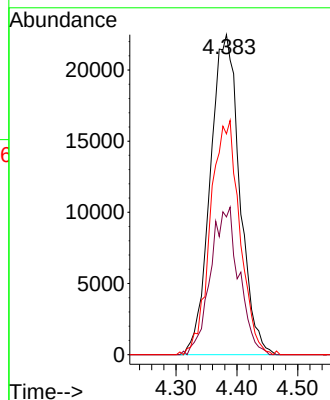
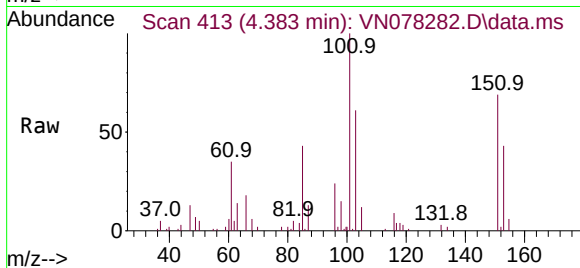
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.351 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN078282.D
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Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion:101 Resp: 7536
Ion Ratio Lower Upper
101 100
85 44.8 36.6 55.0
151 73.0 57.6 86.4

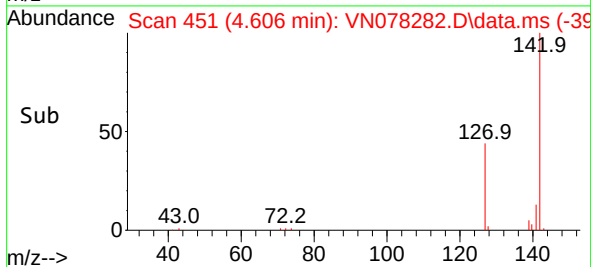
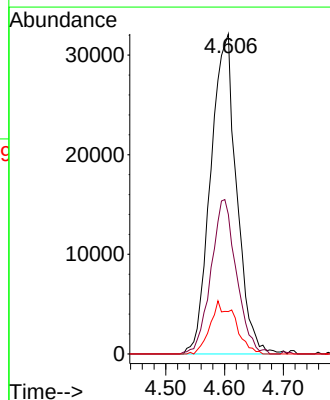
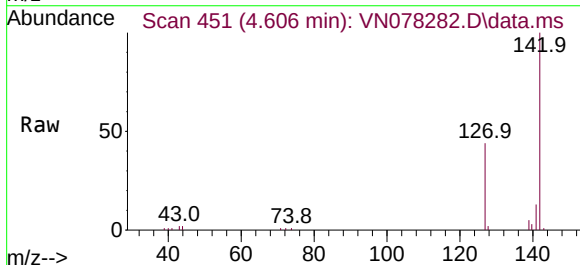
Manual Integrations
APPROVED

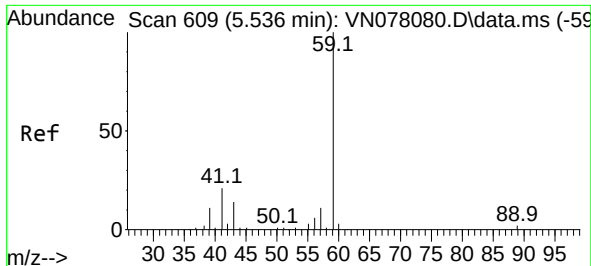
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#10
Methyl Iodide
Concen: 16.965 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.012 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

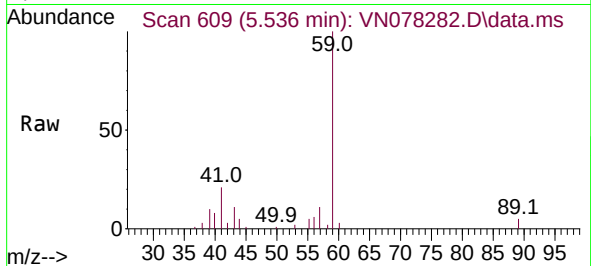
Tgt Ion:142 Resp: 98530
Ion Ratio Lower Upper
142 100
127 43.6 37.6 56.4
141 13.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 100.991 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

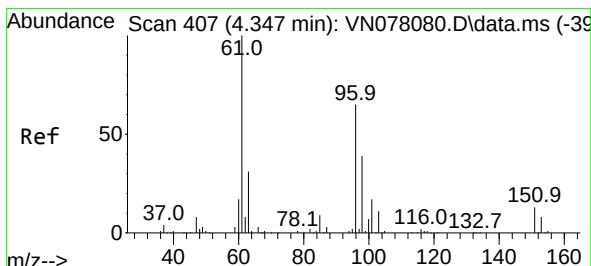
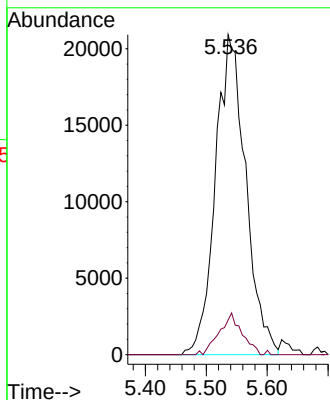
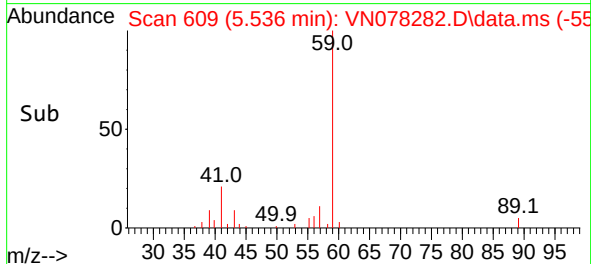
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



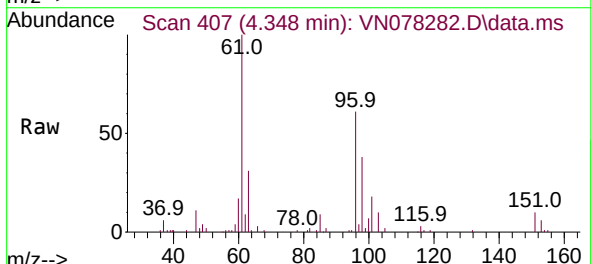
Tgt Ion: 59 Resp: 72080
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.4

Manual Integrations
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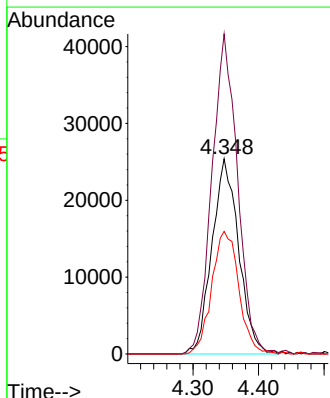
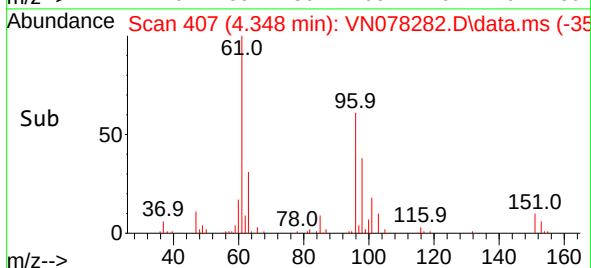
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

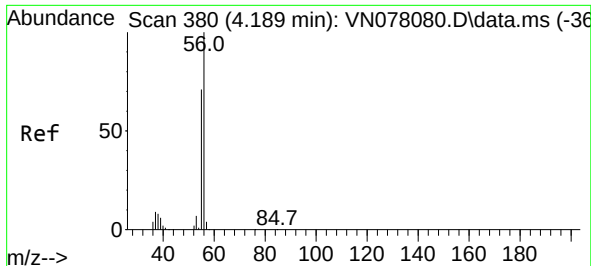


#12
1,1-Dichloroethene
Concen: 16.927 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12



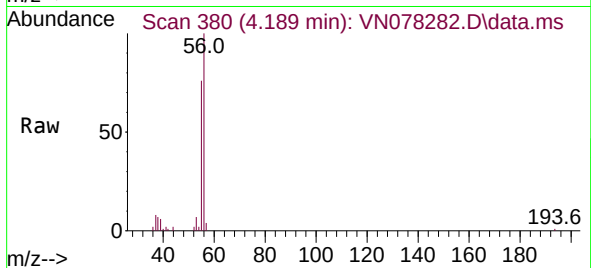
Tgt Ion: 96 Resp: 71658
Ion Ratio Lower Upper
96 100
61 163.9 112.7 169.1
98 62.8 51.2 76.8





#13
Acrolein
Concen: 109.974 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

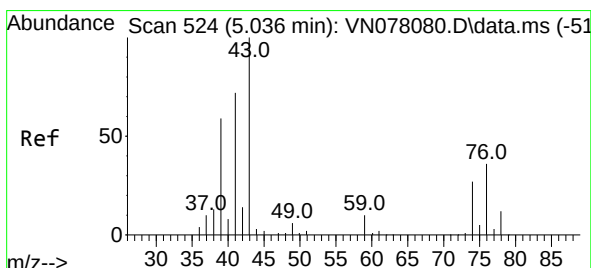
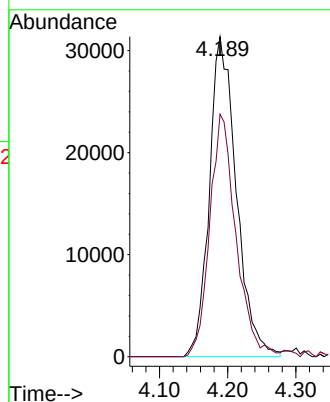
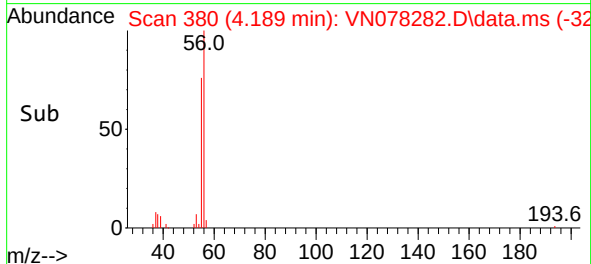
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



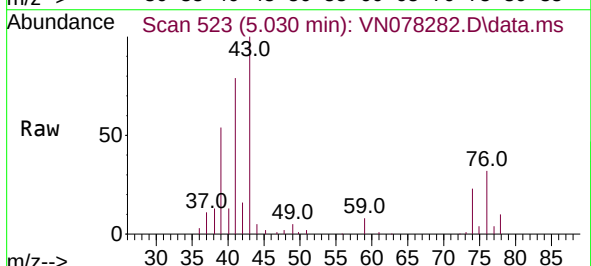
Tgt Ion: 56 Resp: 86508
Ion Ratio Lower Upper
56 100
55 73.3 54.5 81.7

Manual Integrations
APPROVED

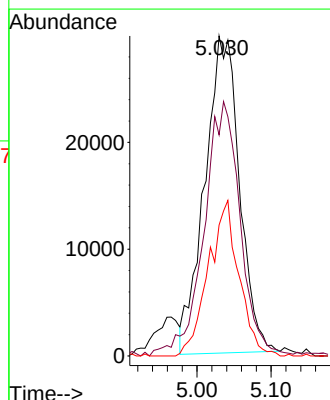
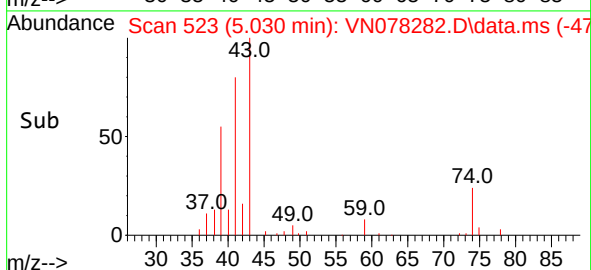
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

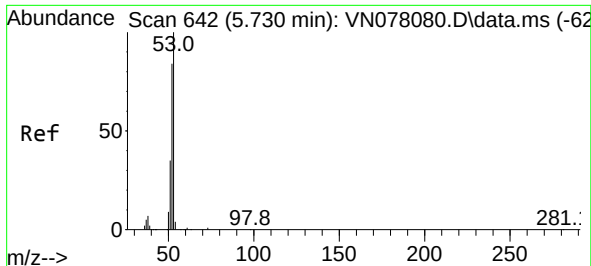


#14
Allyl chloride
Concen: 18.713 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12



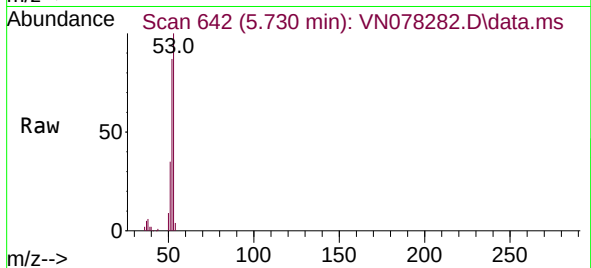
Tgt Ion: 41 Resp: 96703
Ion Ratio Lower Upper
41 100
39 83.6 58.8 88.2
76 43.2 39.1 58.7





#15
Acrylonitrile
Concen: 104.817 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

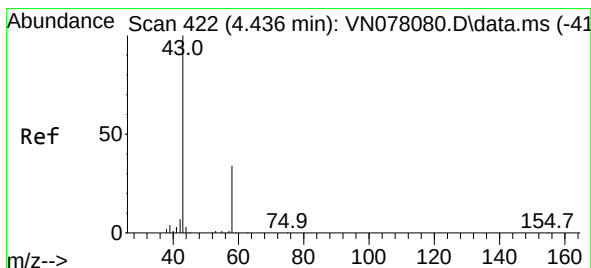
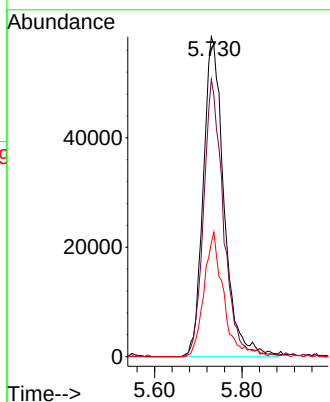
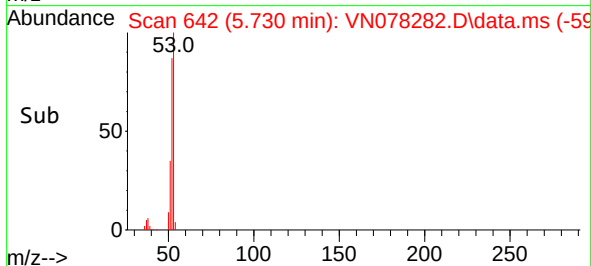
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



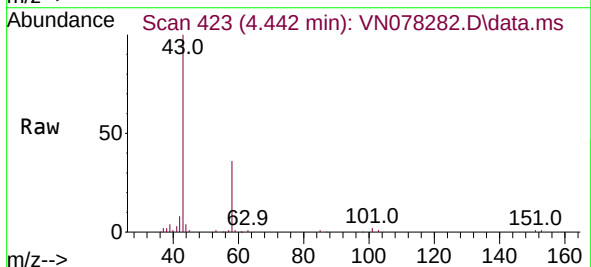
Tgt Ion: 53 Resp: 192874
Ion Ratio Lower Upper
53 100
52 83.0 65.3 97.9
51 36.8 28.9 43.3

Manual Integrations
APPROVED

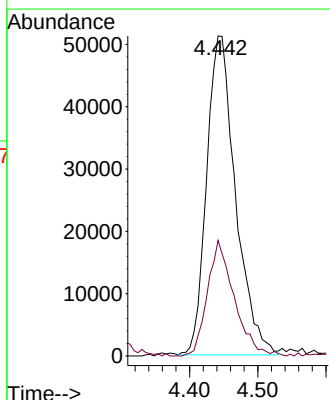
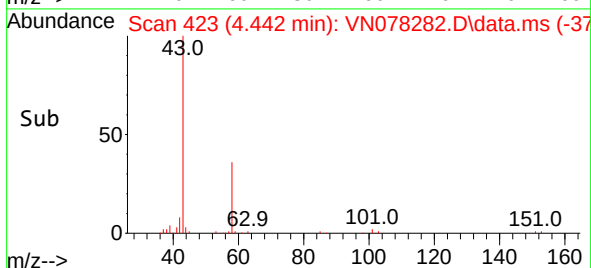
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

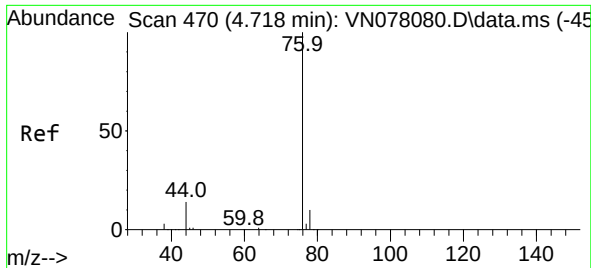


#16
Acetone
Concen: 101.556 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12



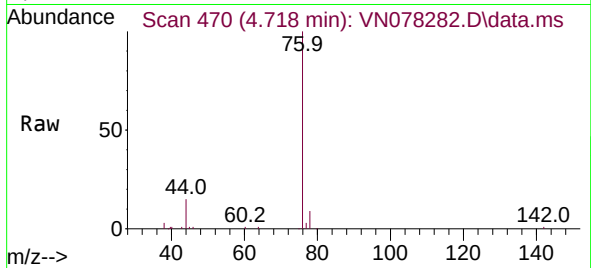
Tgt Ion: 43 Resp: 151097
Ion Ratio Lower Upper
43 100
58 36.3 28.0 42.0





#17
Carbon Disulfide
Concen: 15.025 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

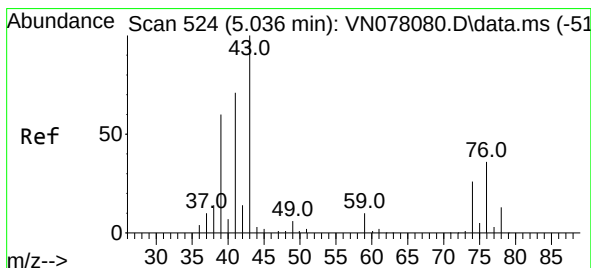
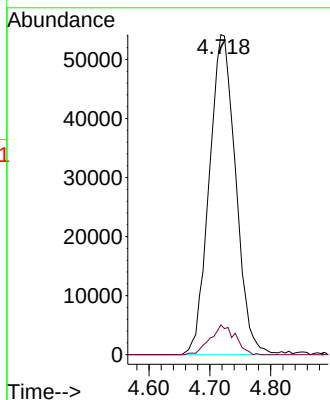
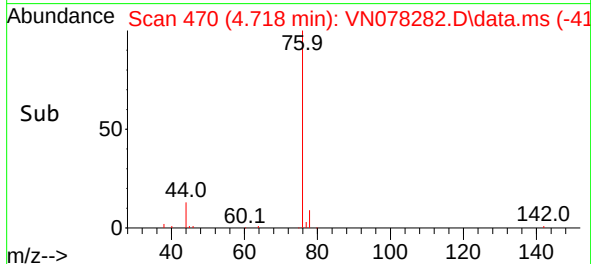
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



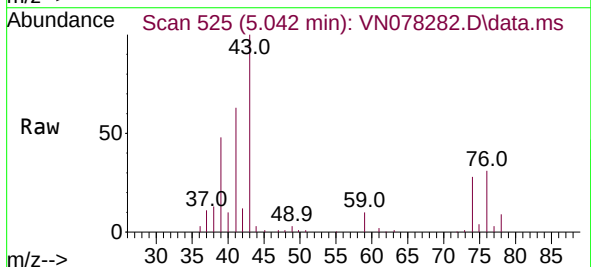
Tgt Ion: 76 Resp: 16372
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

Manual Integrations
APPROVED

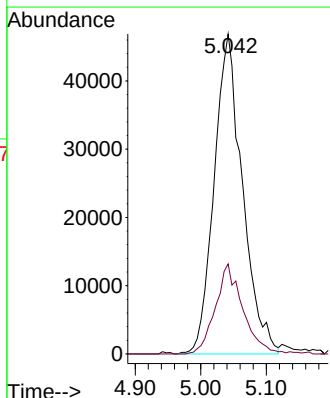
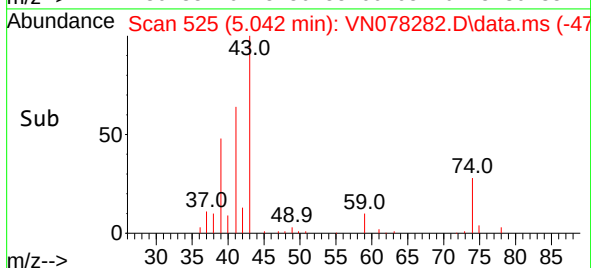
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

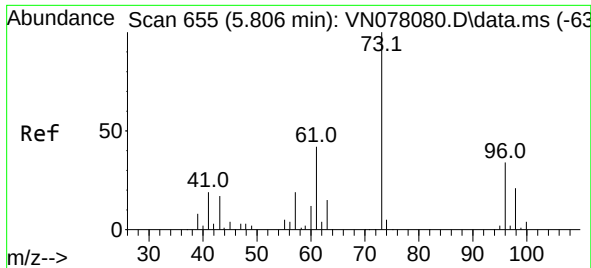


#18
Methyl Acetate
Concen: 20.499 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12



Tgt Ion: 43 Resp: 140412
Ion Ratio Lower Upper
43 100
74 27.2 26.2 39.4





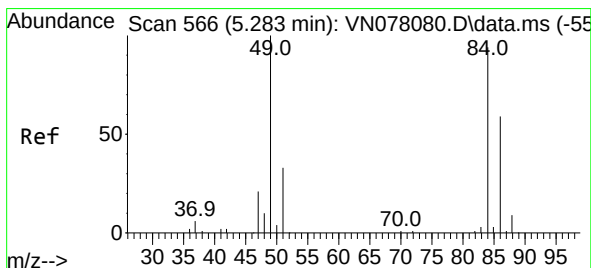
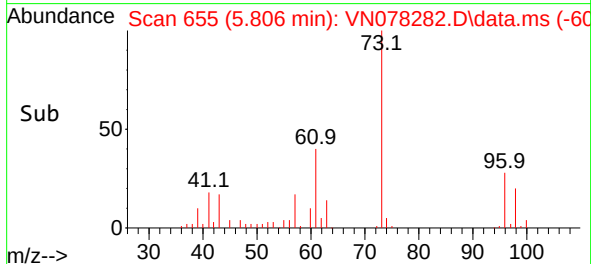
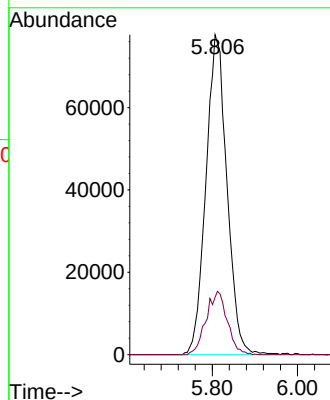
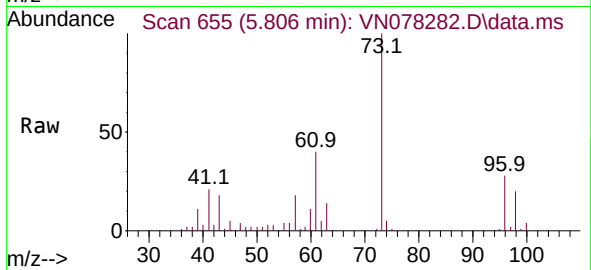
#19
Methyl tert-butyl Ether
Concen: 19.715 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion: 73 Resp: 266290
Ion Ratio Lower Upper
73 100
57 18.0 15.6 23.4

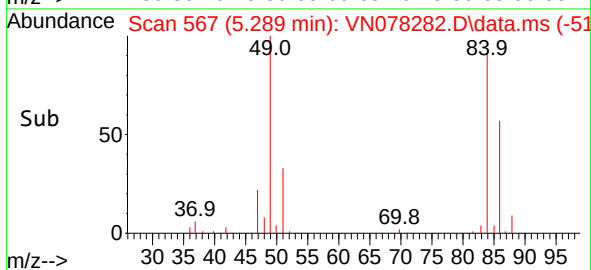
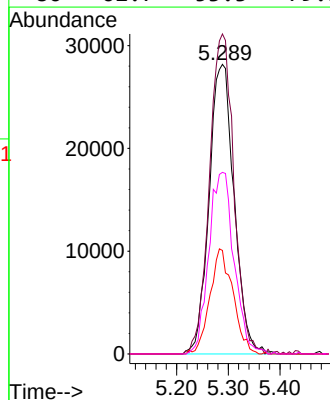
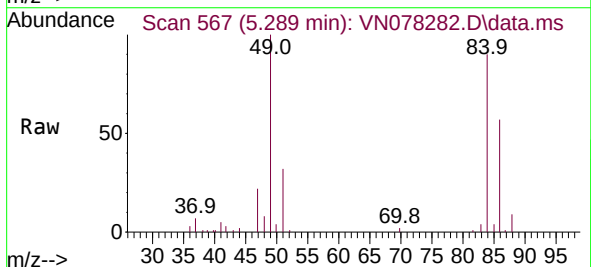
Manual Integrations
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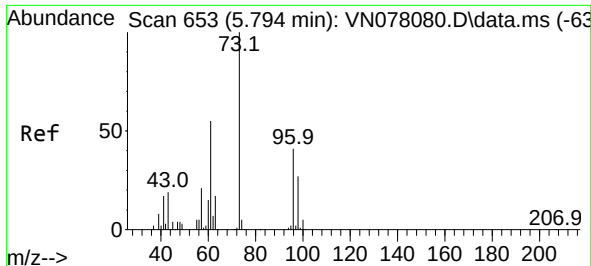
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#20
Methylene Chloride
Concen: 19.247 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

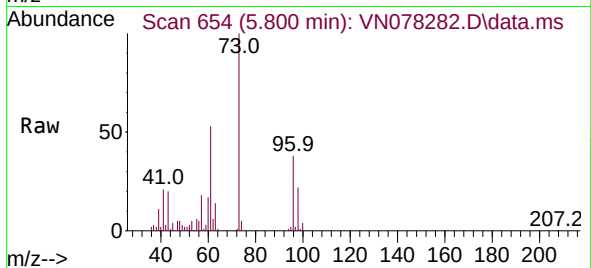
Tgt Ion: 84 Resp: 94631
Ion Ratio Lower Upper
84 100
49 110.5 79.7 119.5
51 35.8 25.2 37.8
86 62.7 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 17.022 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

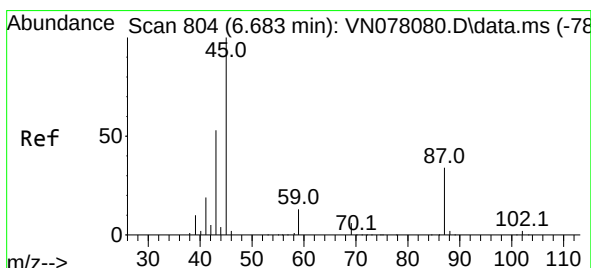
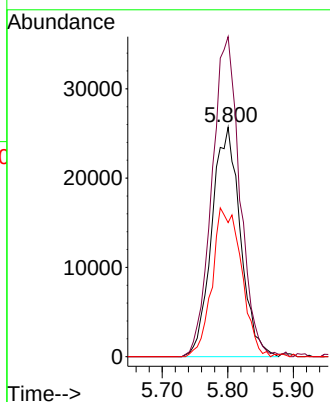
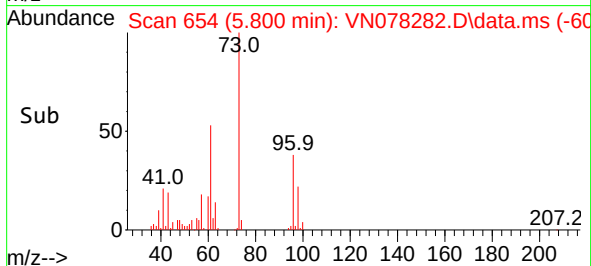
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion: 96 Resp: 7772
Ion Ratio Lower Upper
96 100
61 139.4 90.1 135.1
98 58.5 46.4 69.6

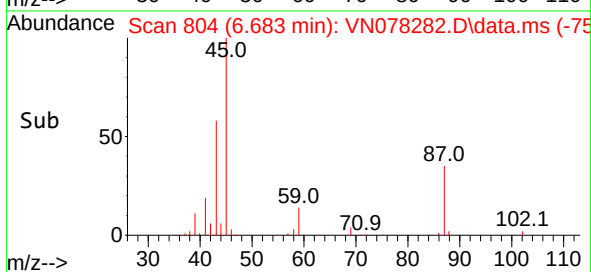
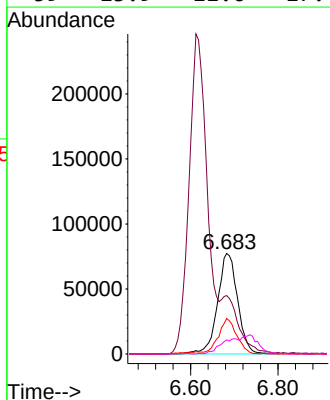
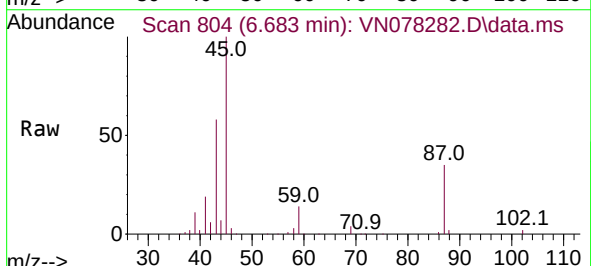
Manual Integrations
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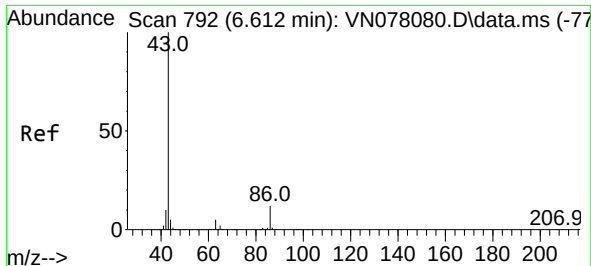
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#22
Diisopropyl ether
Concen: 20.160 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

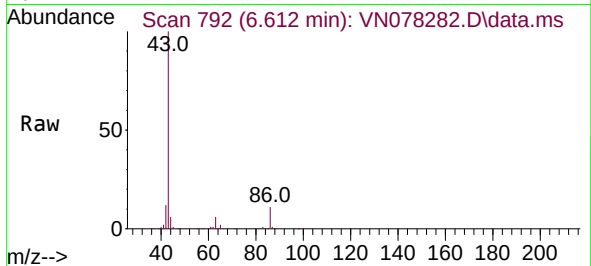
Tgt Ion: 45 Resp: 245058
Ion Ratio Lower Upper
45 100
43 56.5 45.5 68.3
87 35.4 31.8 47.8
59 13.9 11.6 17.4





#23
 Vinyl Acetate
 Concen: 97.927 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078282.D
 Acq: 19 Jun 2023 16:12

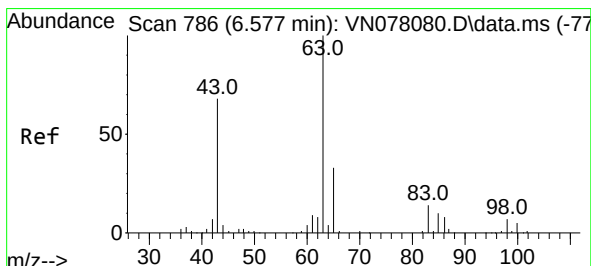
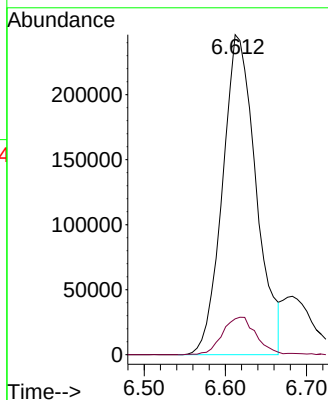
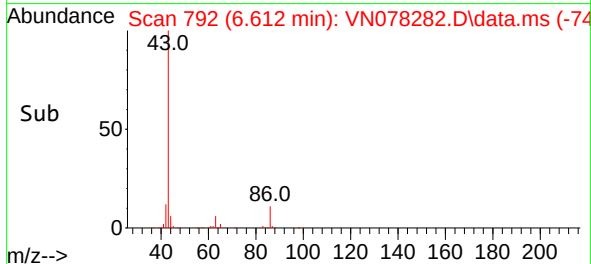
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD01



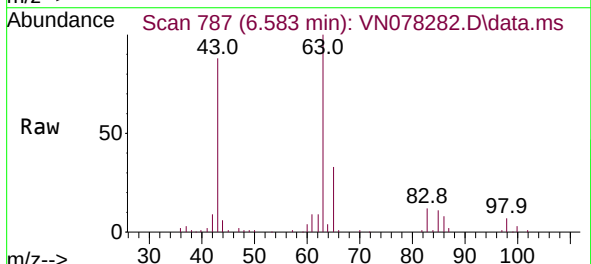
Tgt Ion: 43 Resp: 70761
 Ion Ratio Lower Upper
 43 100
 86 11.2 13.0 19.6

Manual Integrations
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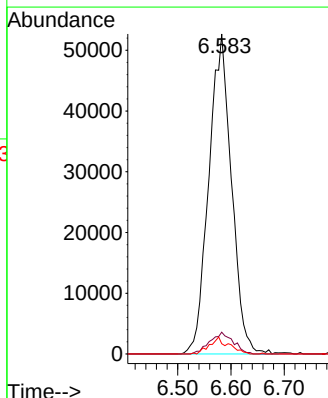
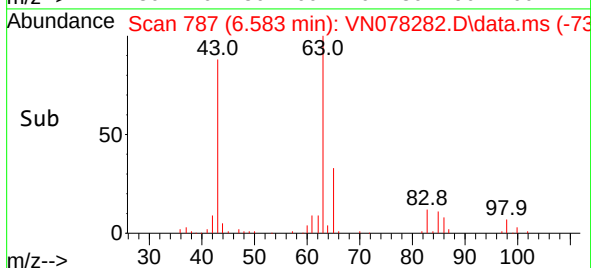
Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023

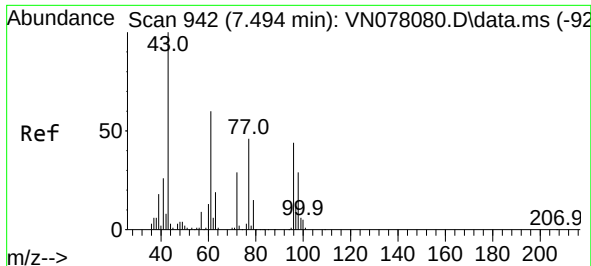


#24
 1,1-Dichloroethane
 Concen: 19.460 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078282.D
 Acq: 19 Jun 2023 16:12



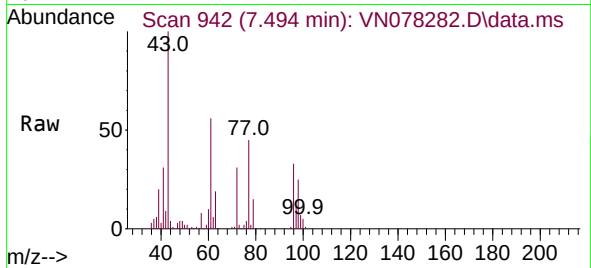
Tgt Ion: 63 Resp: 156047
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.7
 100 3.2 2.5 7.4





#25
2-Butanone
Concen: 104.061 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

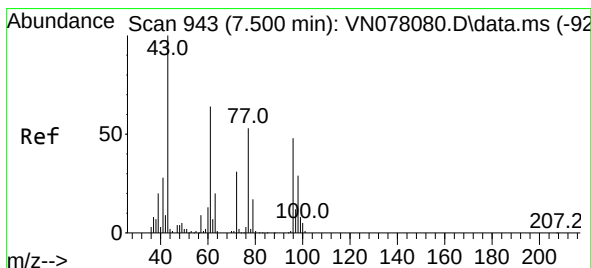
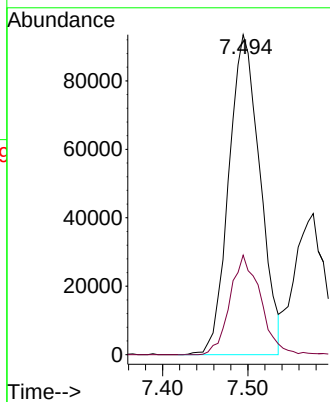
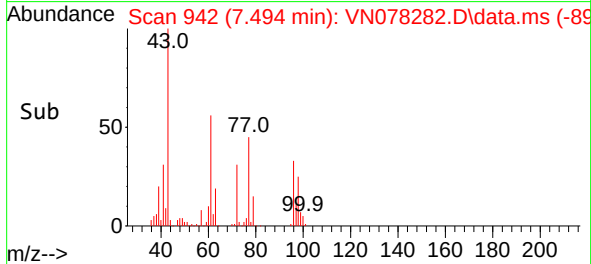
Instrument :
MSVOA_N
Client Sample Id :
VN0619WBSD01



Tgt Ion: 43 Resp: 23808
Ion Ratio Lower Upper
43 100
72 31.2 30.2 45.2

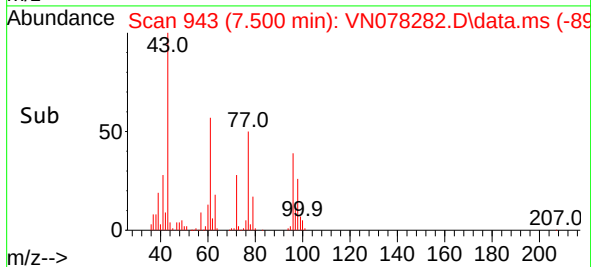
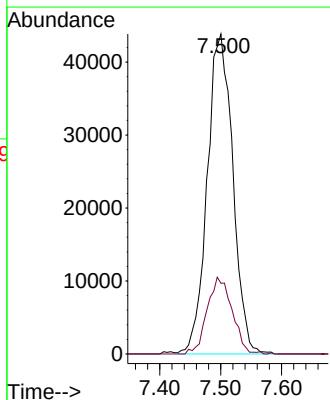
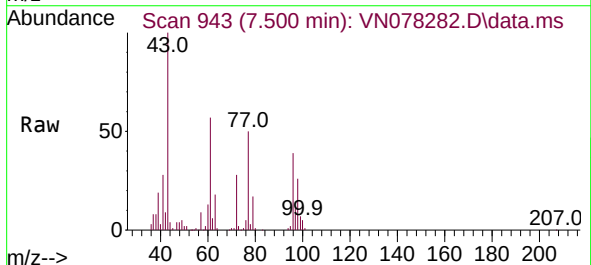
Manual Integrations
APPROVED

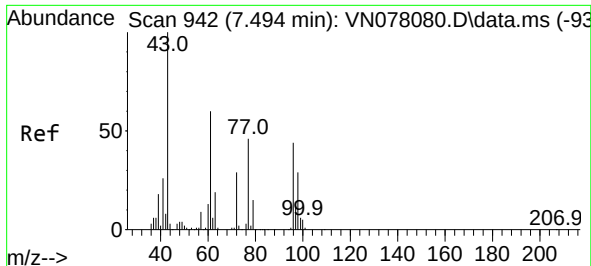
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#26
2,2-Dichloropropane
Concen: 21.607 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

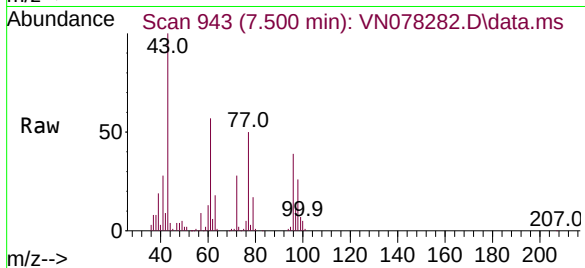
Tgt Ion: 77 Resp: 127937
Ion Ratio Lower Upper
77 100
97 23.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 17.844 ug/l
 RT: 7.500 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VN078282.D
 Acq: 19 Jun 2023 16:12

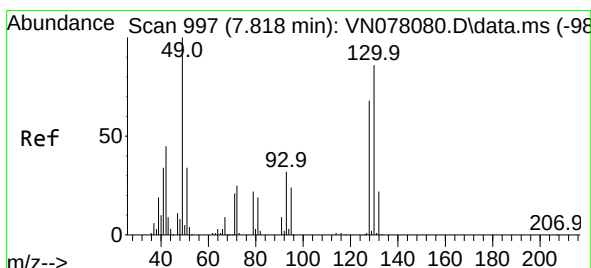
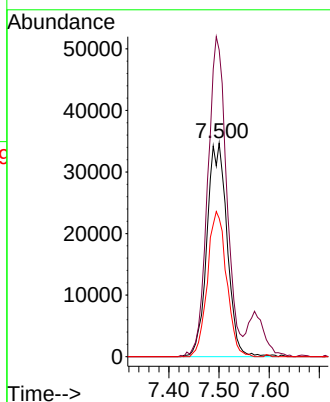
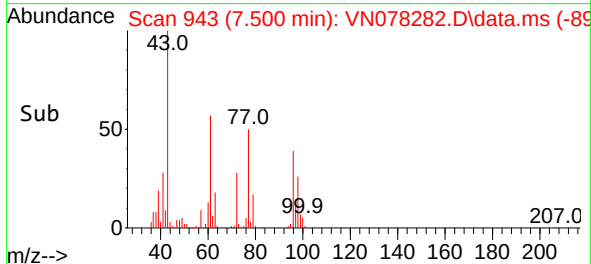
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD01



Tgt Ion: 96 Resp: 9718
 Ion Ratio Lower Upper
 96 100
 61 140.5 0.0 255.2
 98 64.6 0.0 128.8

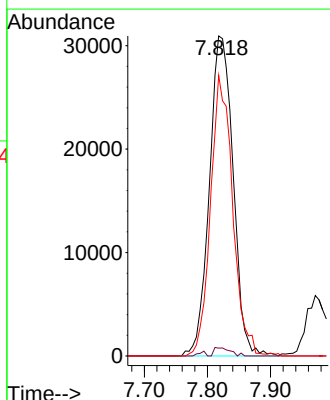
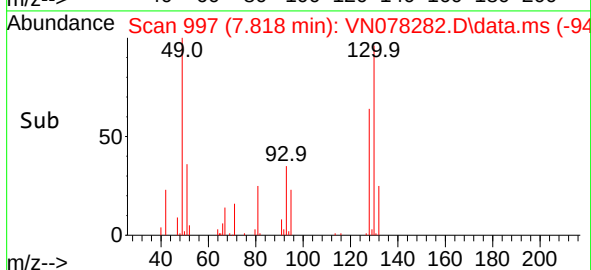
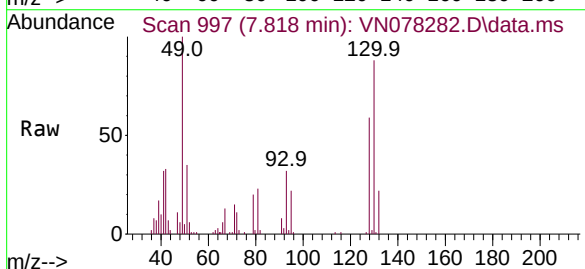
Manual Integrations
 APPROVED

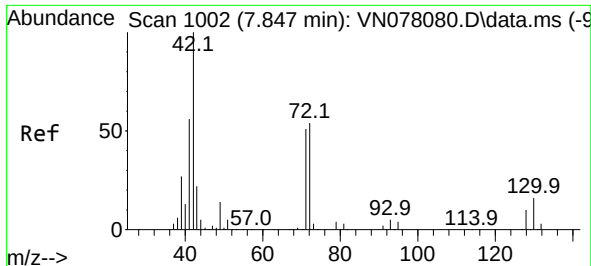
Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023



#28
 Bromochloromethane
 Concen: 21.965 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN078282.D
 Acq: 19 Jun 2023 16:12

Tgt Ion: 49 Resp: 80871
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 81.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 105.099 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078282.D

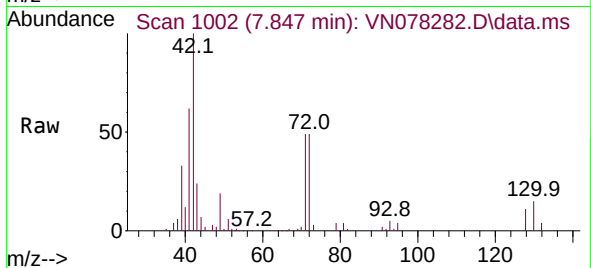
Acq: 19 Jun 2023 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD01



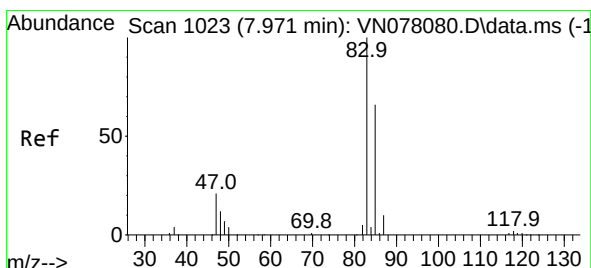
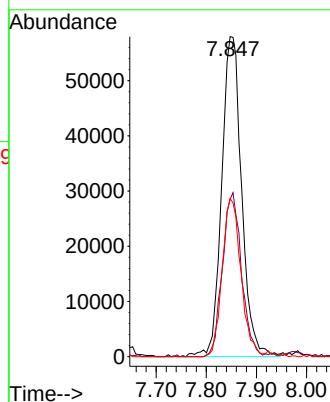
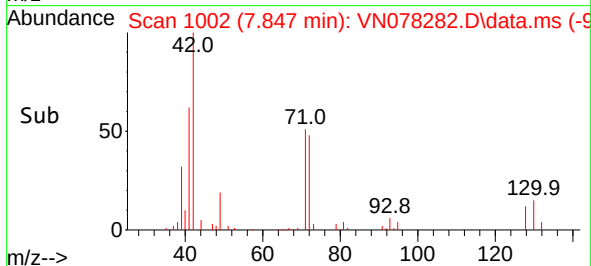
Tgt Ion:	42	Resp:	160750
Ion Ratio	100	Lower	Upper
42	100		
72	48.9	49.8	74.6
71	46.2	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#30

Chloroform

Concen: 19.740 ug/l

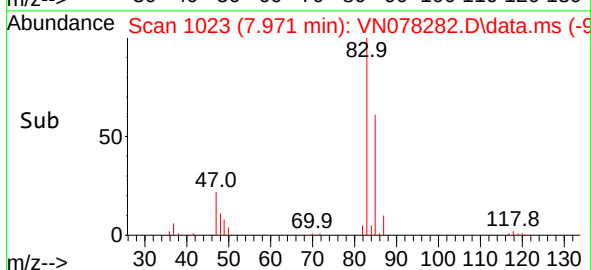
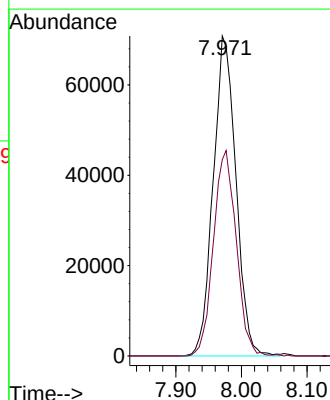
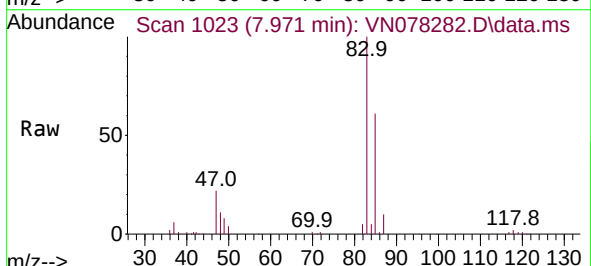
RT: 7.971 min Scan# 1023

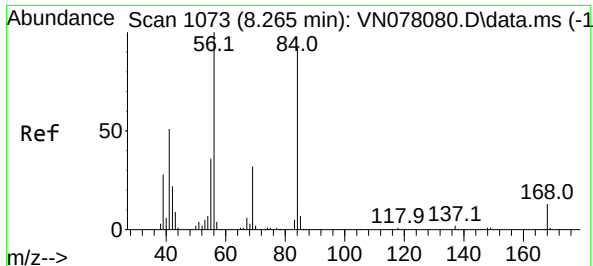
Delta R.T. 0.000 min

Lab File: VN078282.D

Acq: 19 Jun 2023 16:12

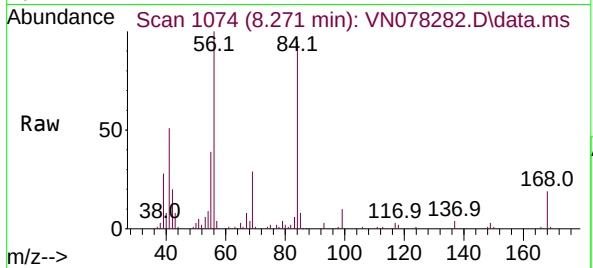
Tgt Ion:	83	Resp:	170458
Ion Ratio	100	Lower	Upper
83	100		
85	61.3	55.4	83.0





#31
Cyclohexane
Concen: 16.451 ug/l
RT: 8.271 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

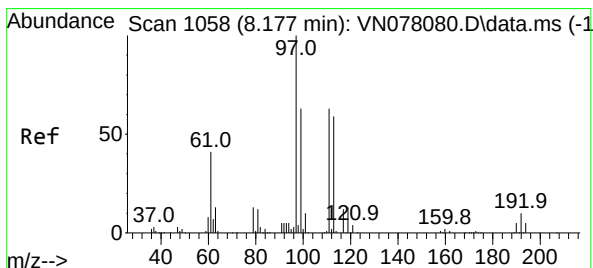
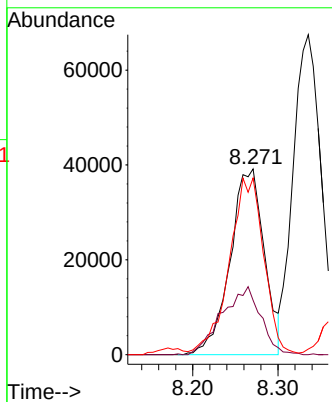
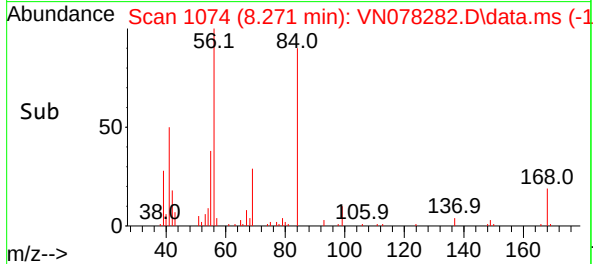
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion: 56 Resp: 10908
Ion Ratio Lower Upper
56 100
69 28.8 26.8 40.2
84 91.9 81.8 122.6

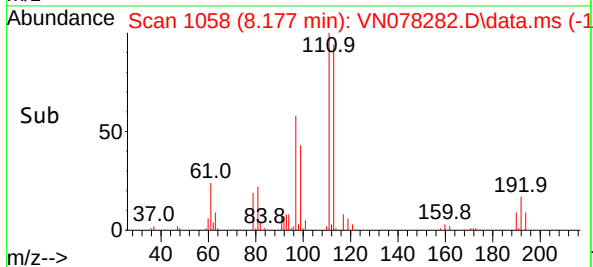
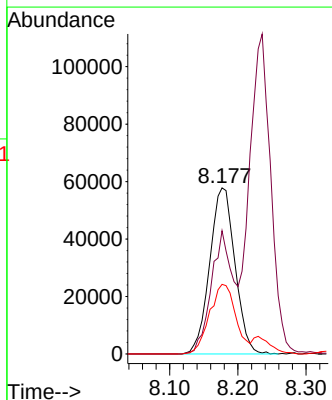
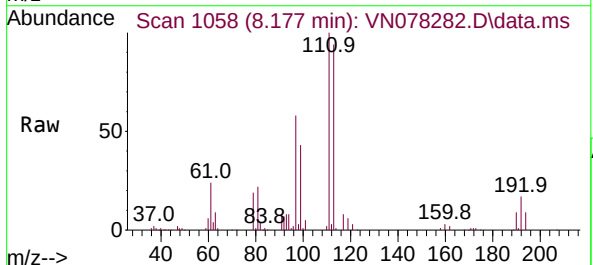
Manual Integrations
APPROVED

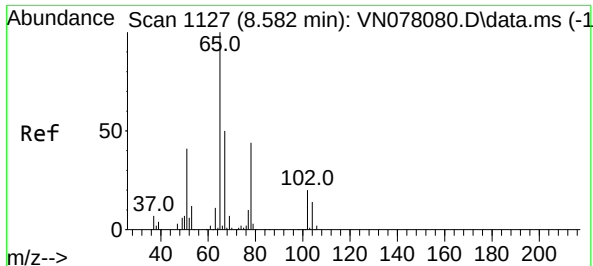
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#32
1,1,1-Trichloroethane
Concen: 19.648 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

Tgt Ion: 97 Resp: 148949
Ion Ratio Lower Upper
97 100
99 64.1 50.3 75.5
61 43.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 53.708 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078282.D

Acq: 19 Jun 2023 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD01

Tgt Ion: 65 Resp: 27761

Ion Ratio Lower Upper

65 100

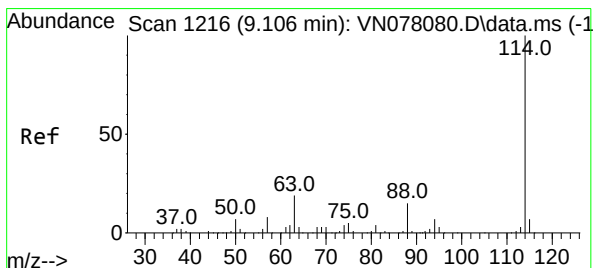
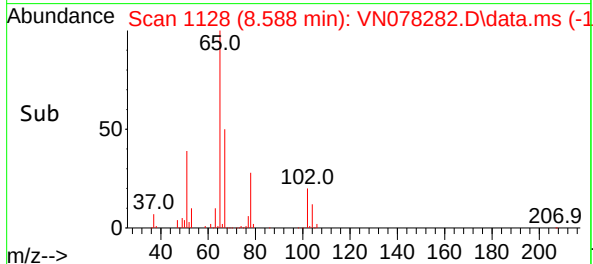
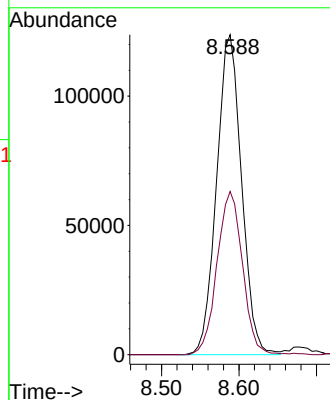
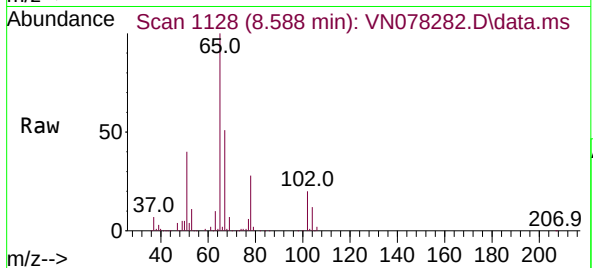
67 52.0 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078282.D

Acq: 19 Jun 2023 16:12

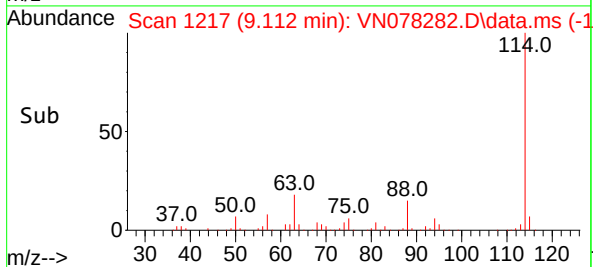
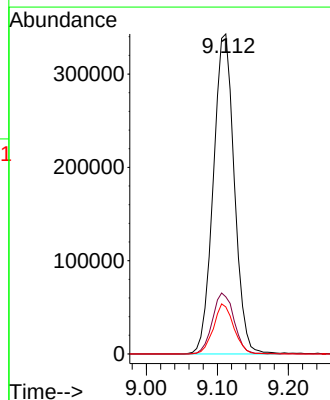
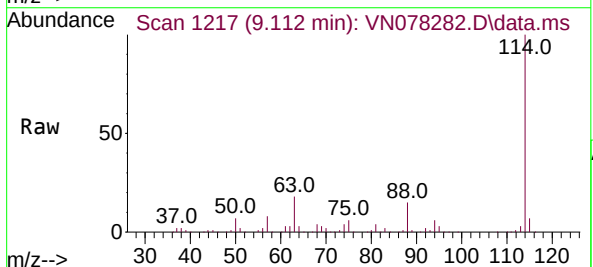
Tgt Ion:114 Resp: 703622

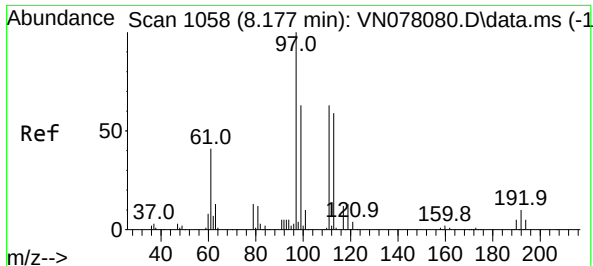
Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.4

88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.403 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078282.D

Acq: 19 Jun 2023 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD01

Tgt Ion: 113 Resp: 228689

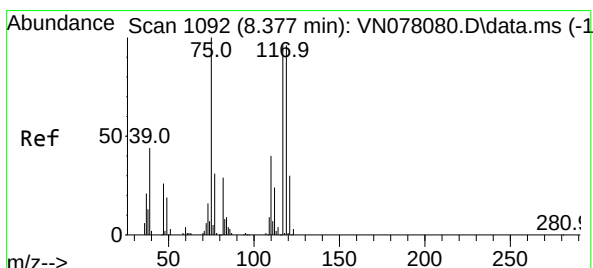
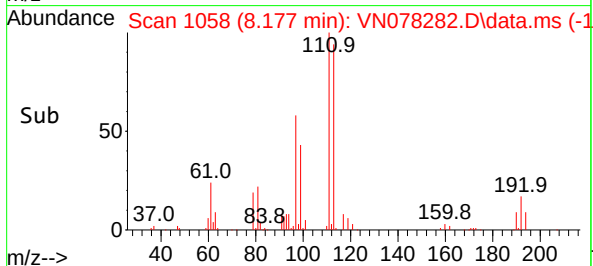
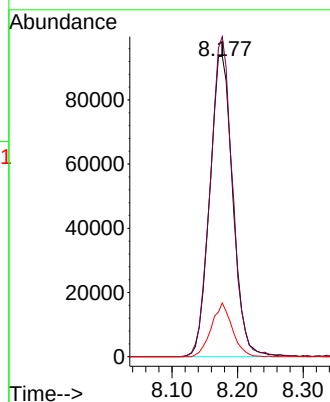
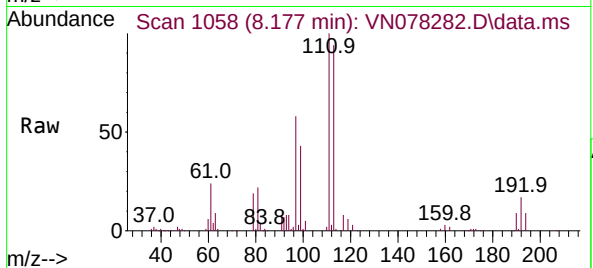
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	16.1	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#36

1,1-Dichloropropene

Concen: 17.954 ug/l

RT: 8.383 min Scan# 1093

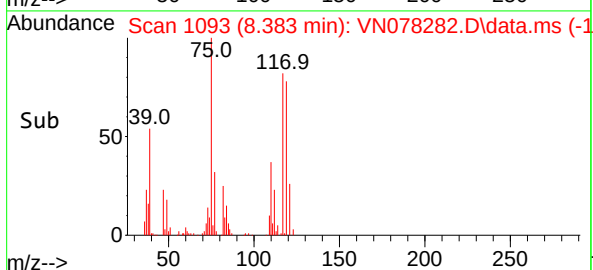
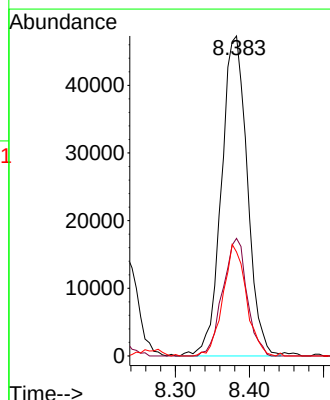
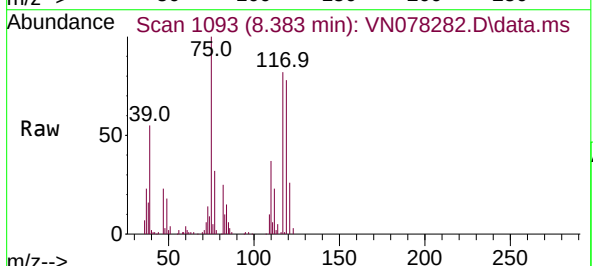
Delta R.T. 0.006 min

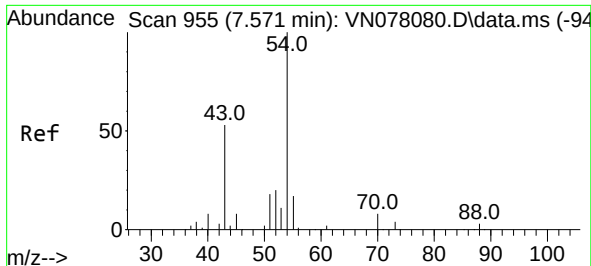
Lab File: VN078282.D

Acq: 19 Jun 2023 16:12

Tgt Ion: 75 Resp: 114575

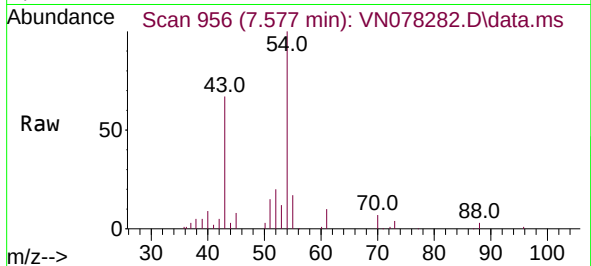
Ion	Ratio	Lower	Upper
75	100		
110	34.4	19.1	57.3
77	31.4	25.0	37.4





#37
Ethyl Acetate
Concen: 20.510 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

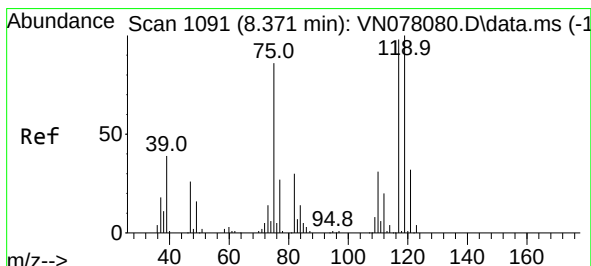
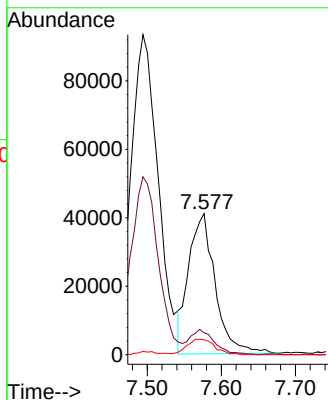
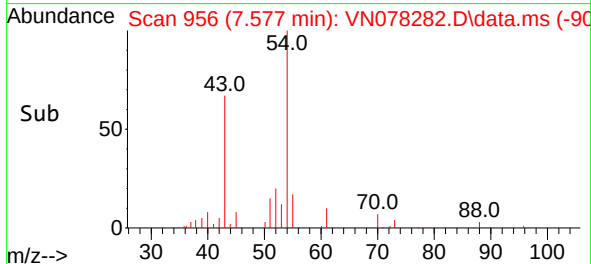
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion: 43 Resp: 102244
Ion Ratio Lower Upper
43 100
61 16.7 13.2 19.8
70 11.6 11.3 16.9

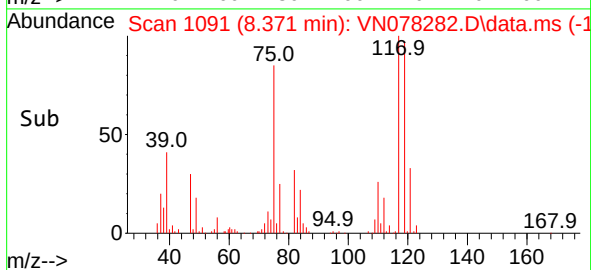
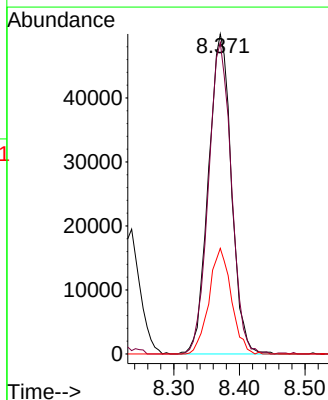
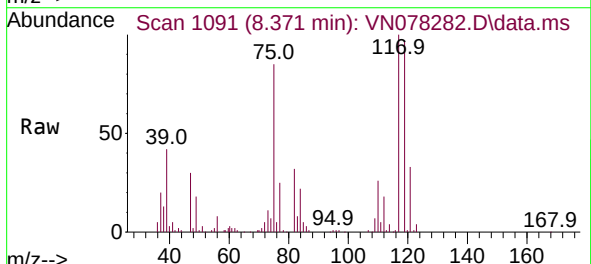
Manual Integrations
APPROVED

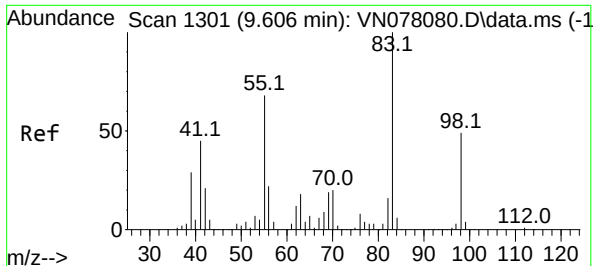
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#38
Carbon Tetrachloride
Concen: 18.005 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

Tgt Ion:117 Resp: 121323
Ion Ratio Lower Upper
117 100
119 97.3 77.3 115.9
121 33.0 23.3 34.9





#39

Methylcyclohexane

Concen: 13.396 ug/l

RT: 9.612 min Scan# 11302

Delta R.T. 0.006 min

Lab File: VN078282.D

Acq: 19 Jun 2023 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD01

Tgt Ion: 83 Resp: 88589

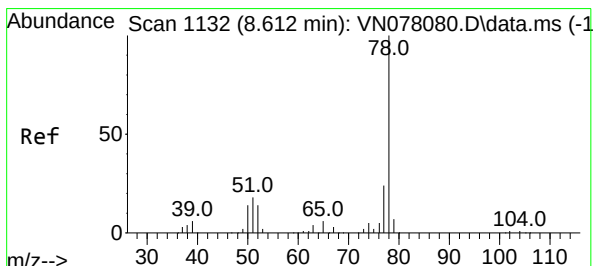
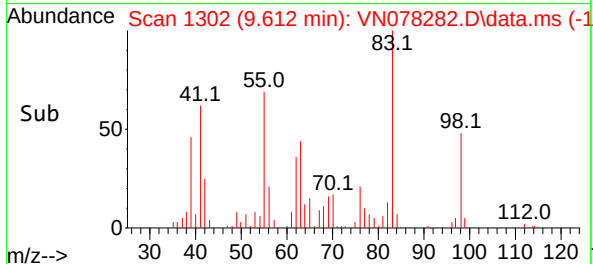
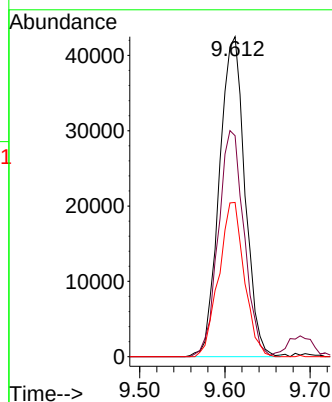
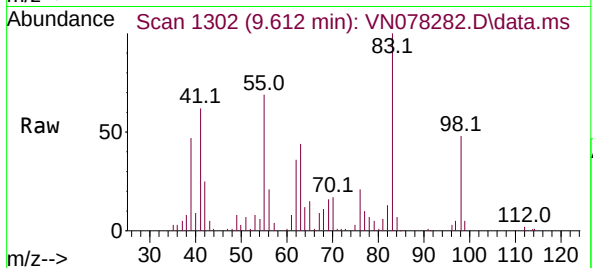
Ion	Ratio	Lower	Upper
83	100		
55	69.0	49.1	73.7
98	48.2	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#40

Benzene

Concen: 18.906 ug/l

RT: 8.612 min Scan# 1132

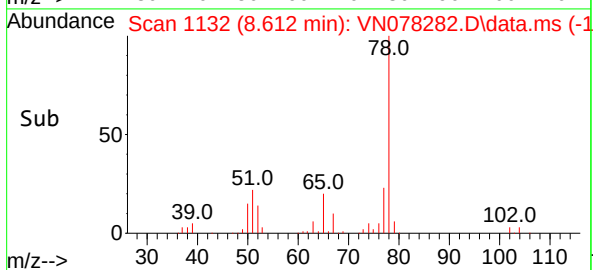
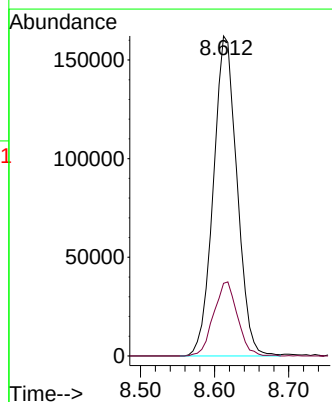
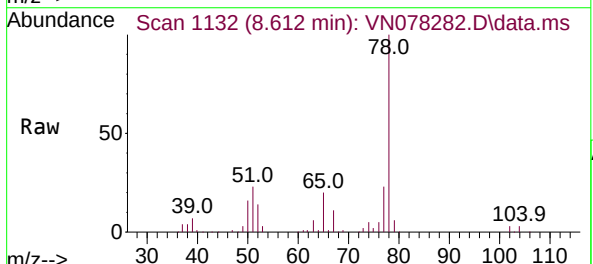
Delta R.T. 0.000 min

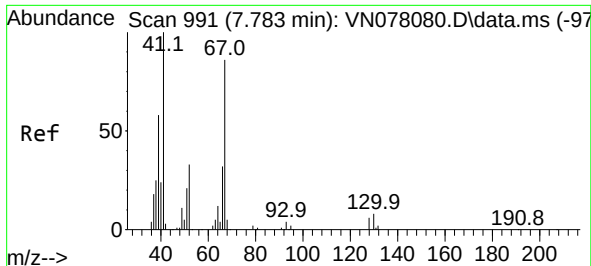
Lab File: VN078282.D

Acq: 19 Jun 2023 16:12

Tgt Ion: 78 Resp: 360188

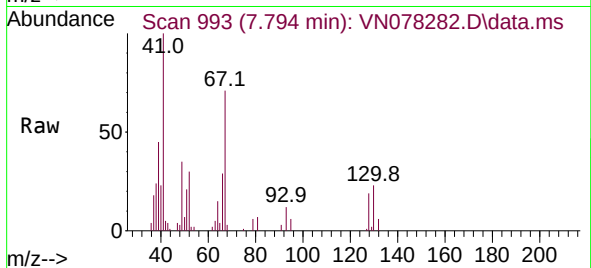
Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.0	28.6





#41
Methacrylonitrile
Concen: 18.968 ug/l
RT: 7.794 min Scan# 991
Delta R.T. 0.012 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

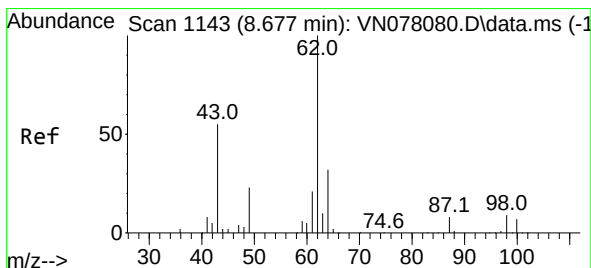
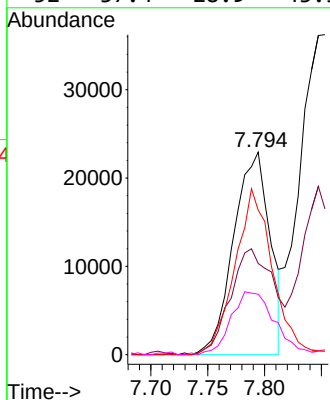
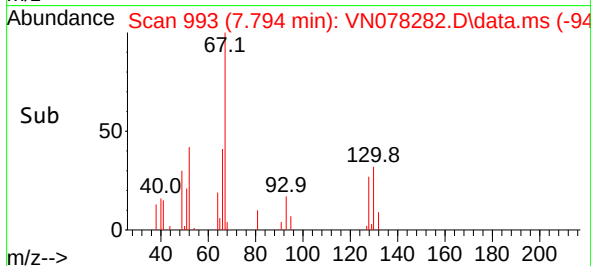
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion: 41	Resp: 5125
Ion Ratio	Lower Upper
41 100	
39 62.4	42.6 64.0
67 84.8	77.5 116.3
52 37.4	28.9 43.3

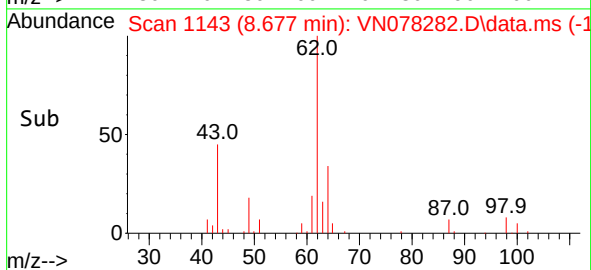
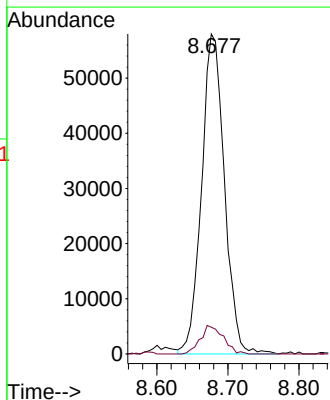
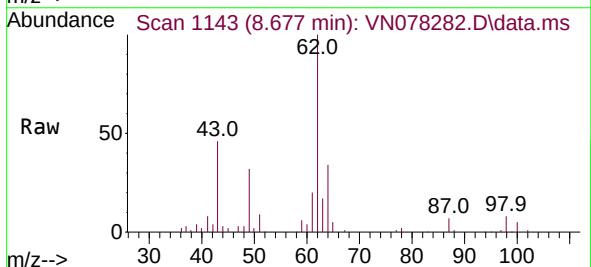
Manual Integrations
APPROVED

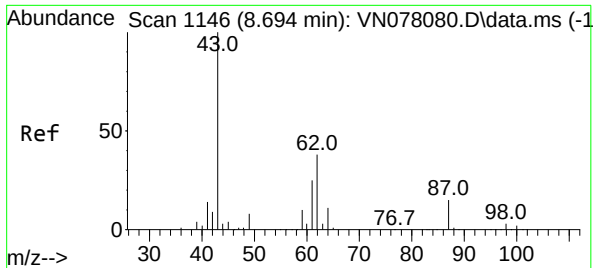
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#42
1,2-Dichloroethane
Concen: 19.883 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

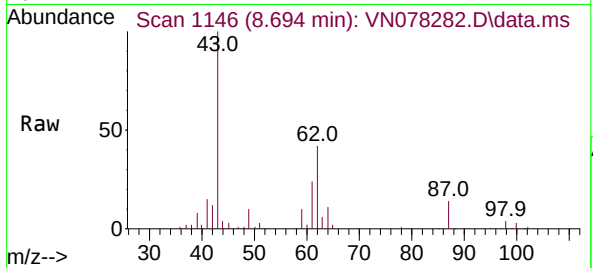
Tgt Ion: 62	Resp: 129875
Ion Ratio	Lower Upper
62 100	
98 8.9	0.0 19.8





#43
Isopropyl Acetate
Concen: 19.468 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

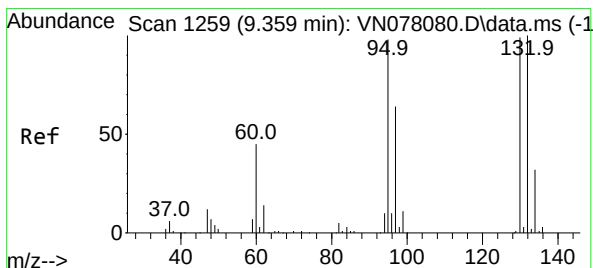
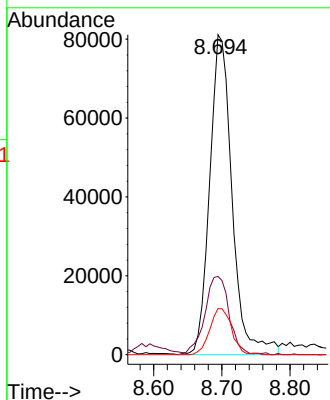
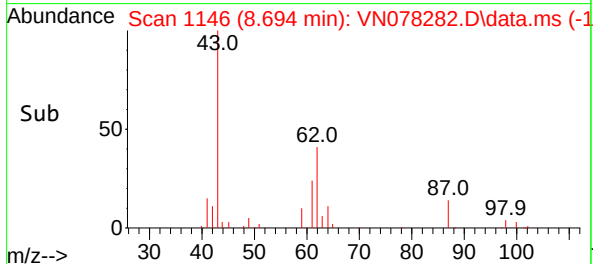
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



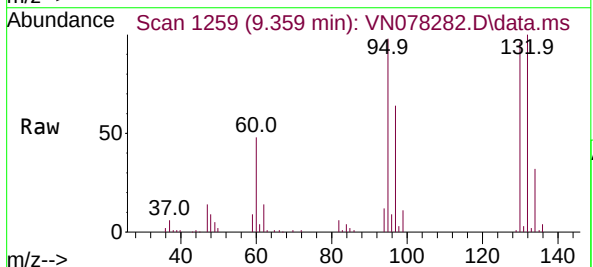
Tgt Ion: 43 Resp: 18560
Ion Ratio Lower Upper
43 100
61 26.7 24.7 37.1
87 14.1 14.6 21.8

Manual Integrations
APPROVED

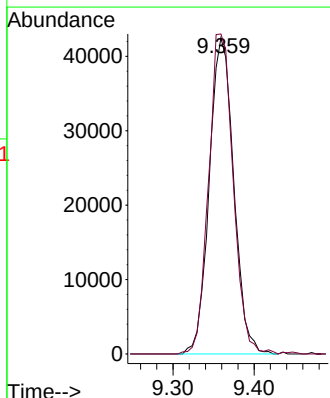
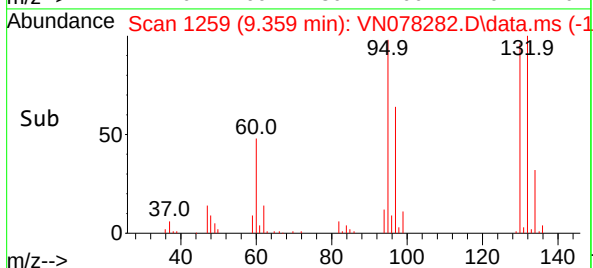
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

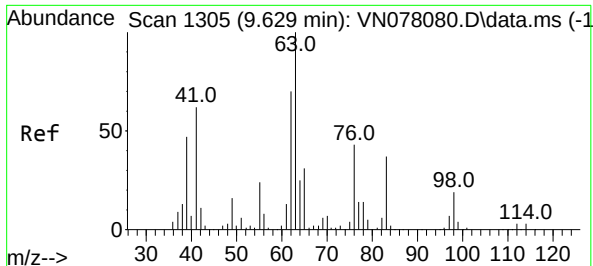


#44
Trichloroethene
Concen: 17.653 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12



Tgt Ion:130 Resp: 88818
Ion Ratio Lower Upper
130 100
95 101.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.590 ug/l

RT: 9.630 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078282.D

Acq: 19 Jun 2023 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD01

Tgt Ion: 63 Resp: 9285

Ion Ratio Lower Upper

63 100

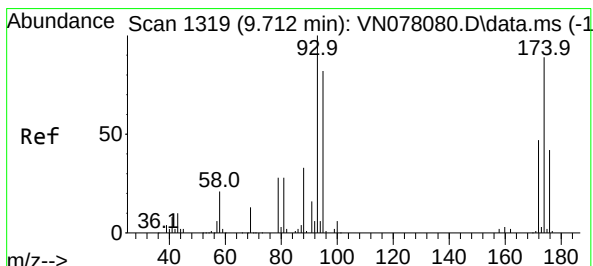
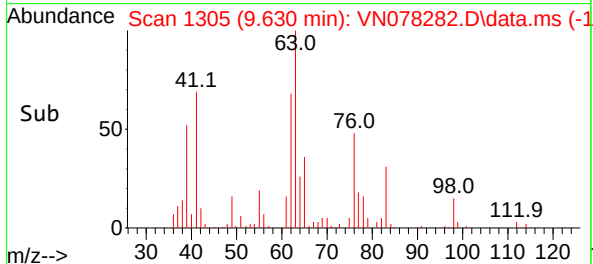
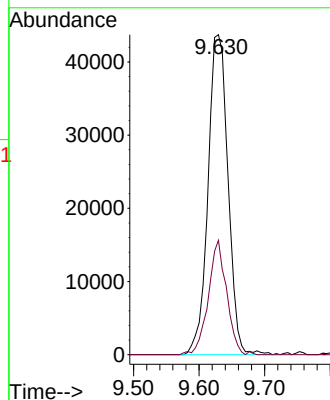
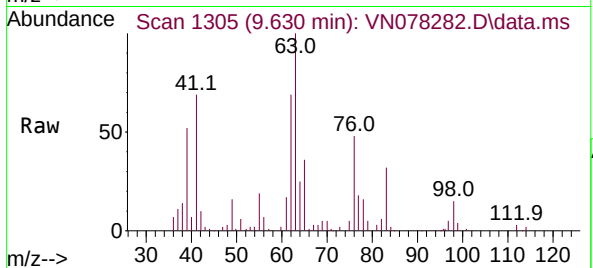
65 35.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#46

Dibromomethane

Concen: 18.560 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078282.D

Acq: 19 Jun 2023 16:12

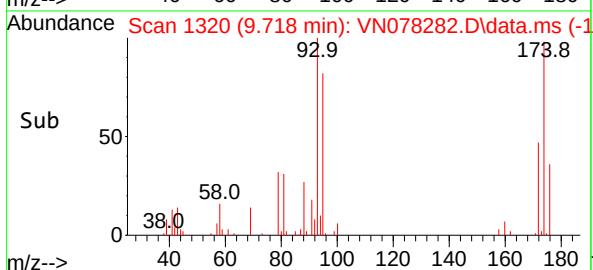
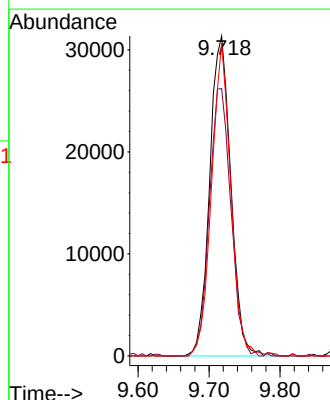
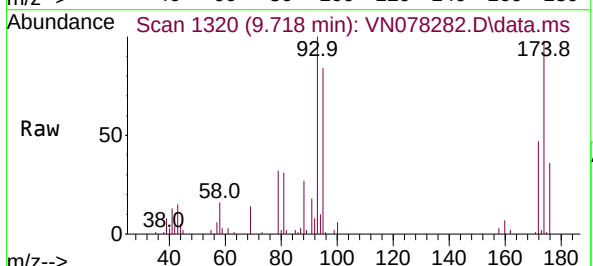
Tgt Ion: 93 Resp: 64799

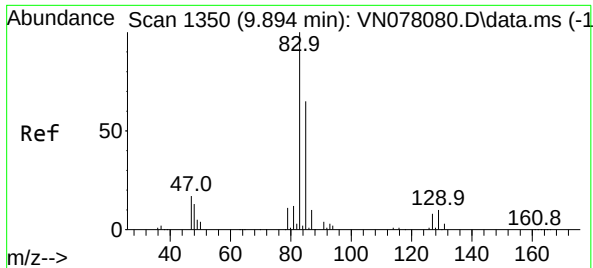
Ion Ratio Lower Upper

93 100

95 85.4 63.8 95.8

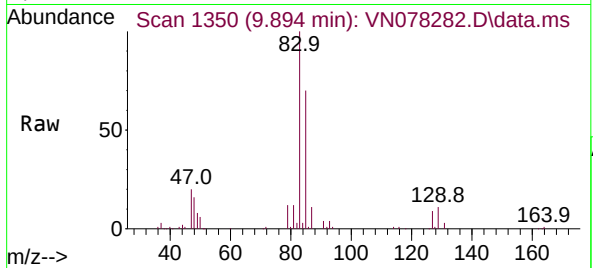
174 88.4 65.6 98.4





#47
Bromodichloromethane
Concen: 20.034 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

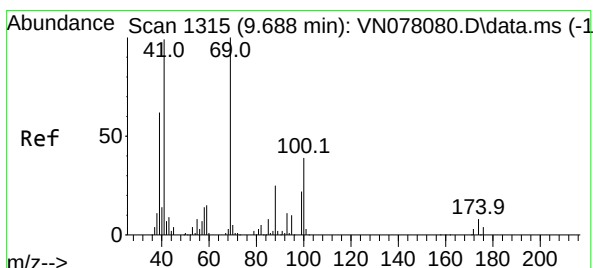
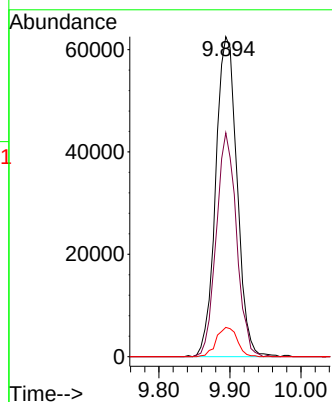
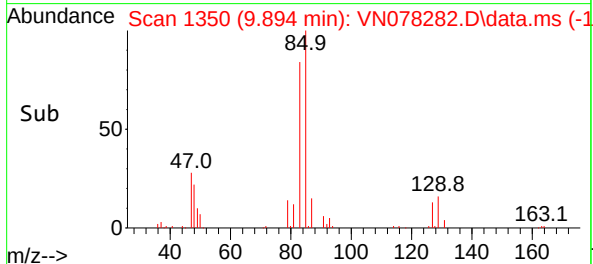
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion: 83 Resp: 12992
Ion Ratio Lower Upper
83 100
85 69.9 49.6 74.4
127 9.2 7.0 10.6

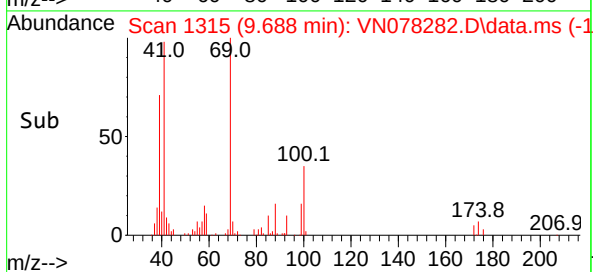
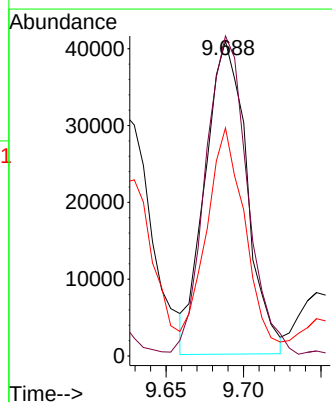
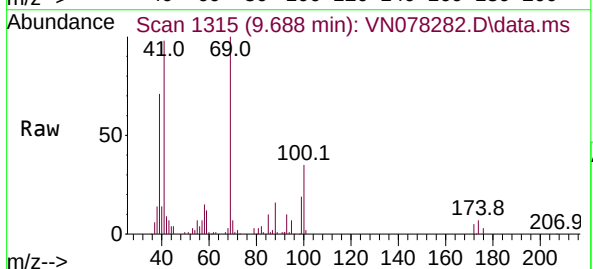
Manual Integrations
APPROVED

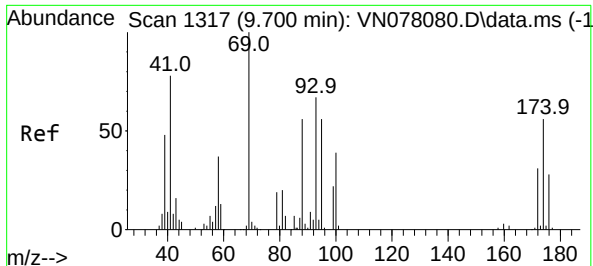
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#48
Methyl methacrylate
Concen: 19.097 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

Tgt Ion: 41 Resp: 76406
Ion Ratio Lower Upper
41 100
69 101.4 90.4 135.6
39 68.4 54.6 81.8





#49

1,4-Dioxane

Concen: 392.203 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078282.D

Acq: 19 Jun 2023 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD01

Tgt Ion: 88 Resp: 3298

Ion Ratio Lower Upper

88 100

43 25.5 17.0 25.6

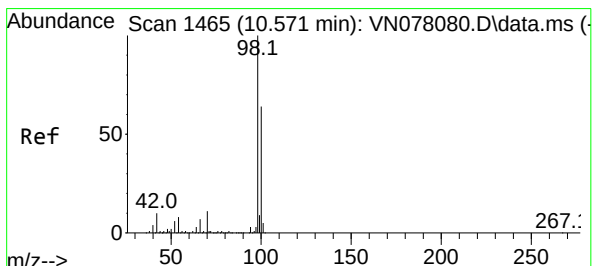
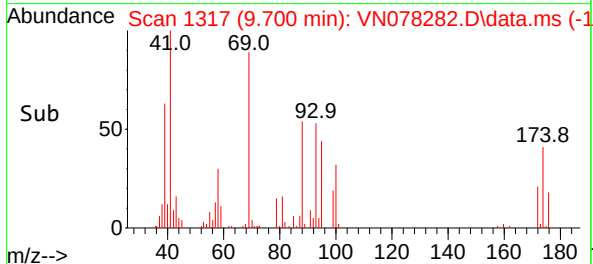
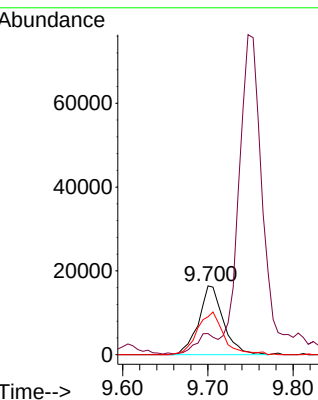
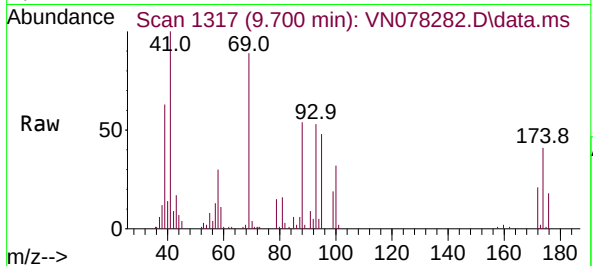
58 66.5 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#50

Toluene-d8

Concen: 48.885 ug/l

RT: 10.577 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VN078282.D

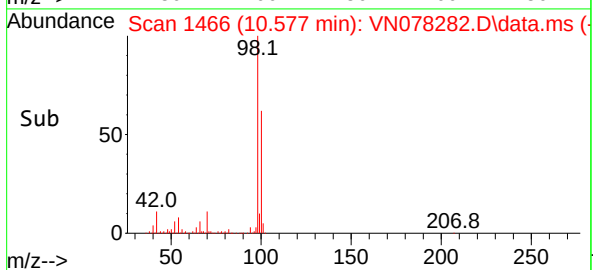
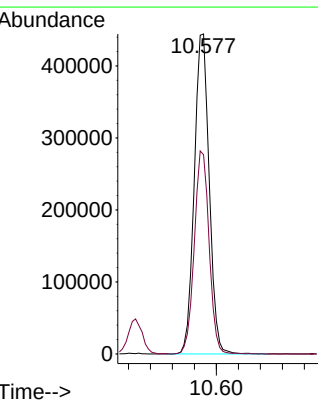
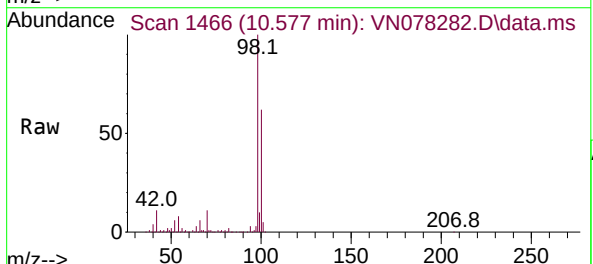
Acq: 19 Jun 2023 16:12

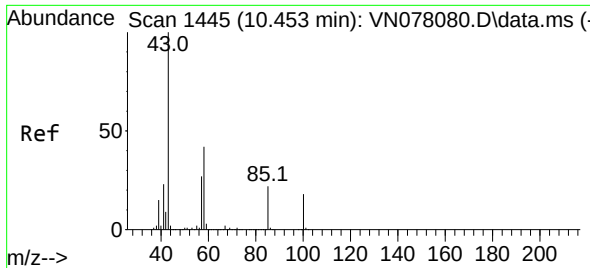
Tgt Ion: 98 Resp: 838429

Ion Ratio Lower Upper

98 100

100 63.0 52.0 78.0





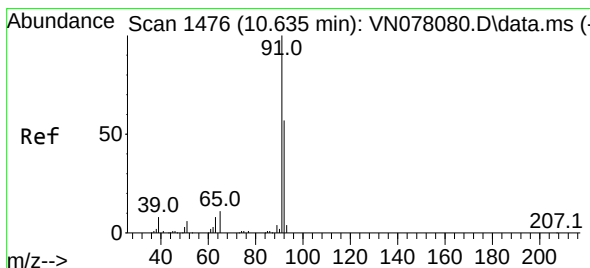
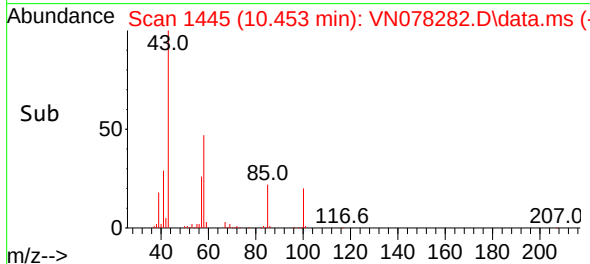
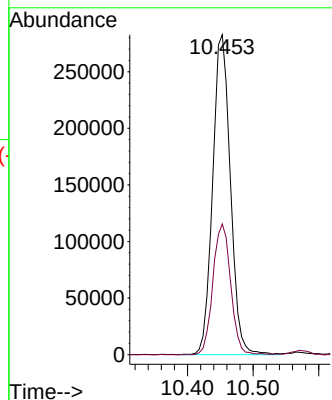
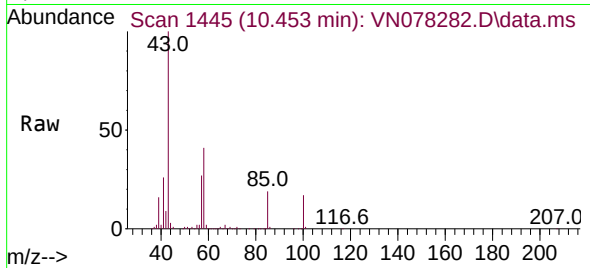
#51
4-Methyl-2-Pentanone
Concen: 105.918 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion: 43 Resp: 531758
Ion Ratio Lower Upper
43 100
58 40.8 36.6 54.8

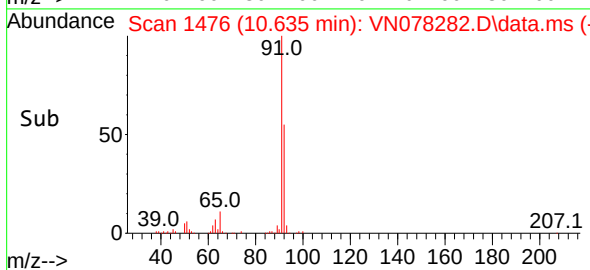
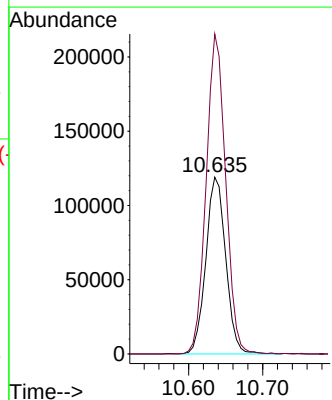
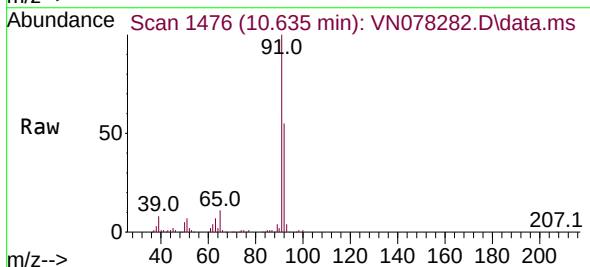
Manual Integrations
APPROVED

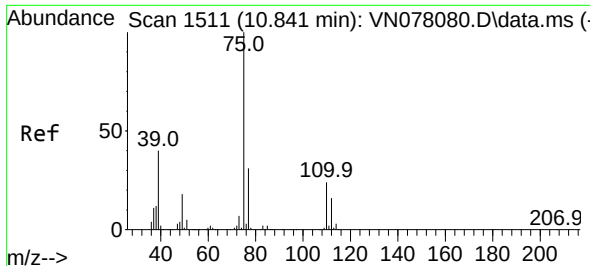
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#52
Toluene
Concen: 18.474 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

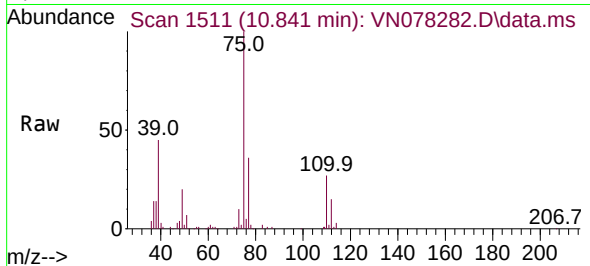
Tgt Ion: 92 Resp: 222215
Ion Ratio Lower Upper
92 100
91 176.9 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 19.537 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

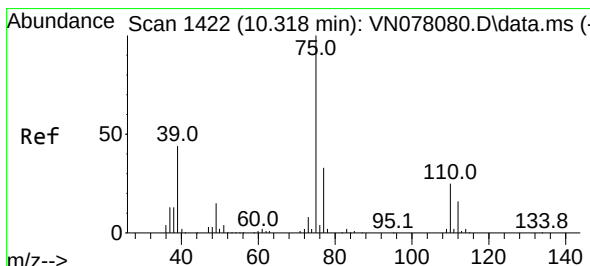
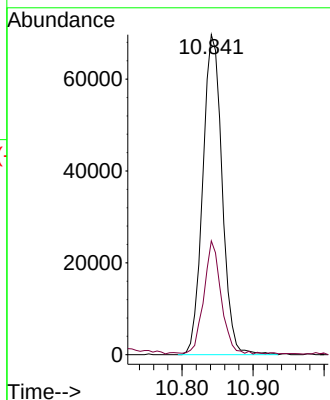
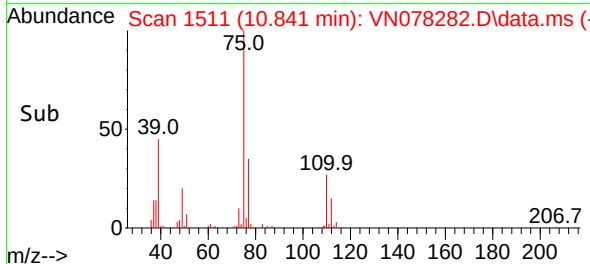
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



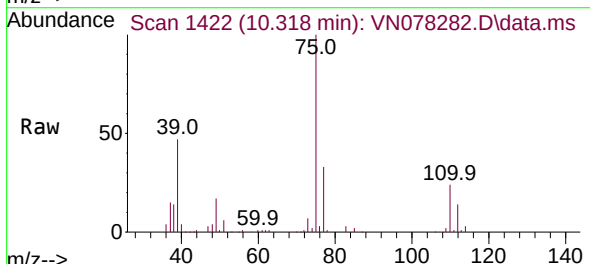
Tgt Ion: 75 Resp: 13195
Ion Ratio Lower Upper
75 100
77 35.3 25.4 38.0

Manual Integrations
APPROVED

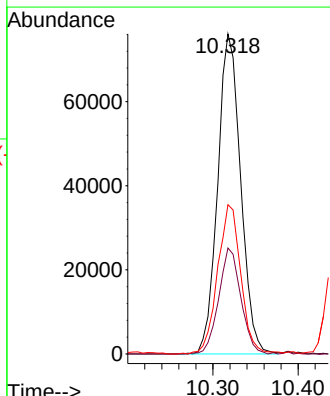
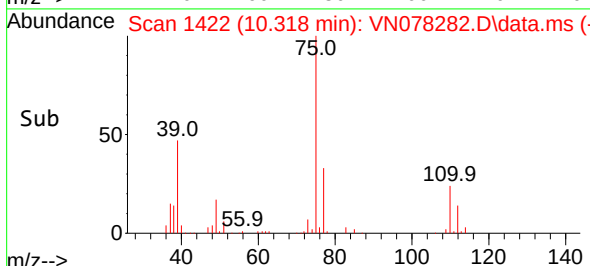
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

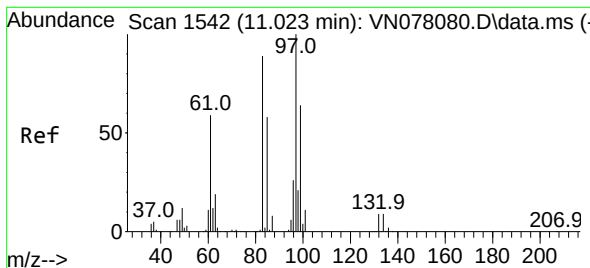


#54
cis-1,3-Dichloropropene
Concen: 19.102 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12



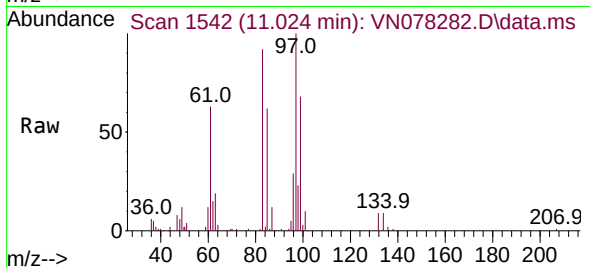
Tgt Ion: 75 Resp: 142612
Ion Ratio Lower Upper
75 100
77 33.1 26.1 39.1
39 46.6 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.387 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

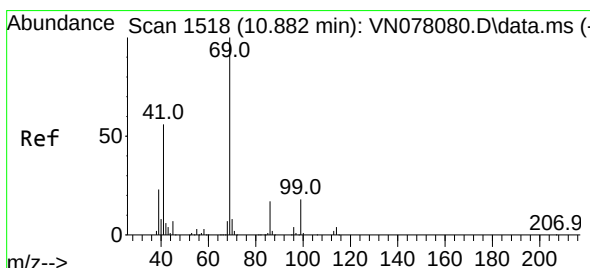
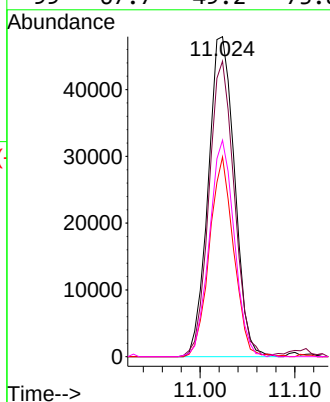
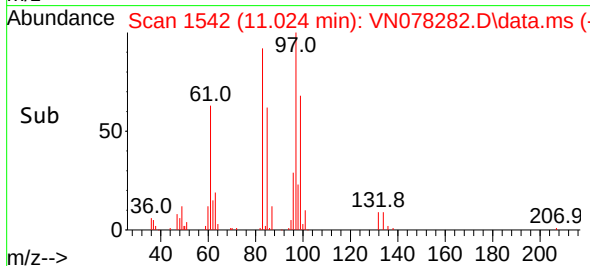
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



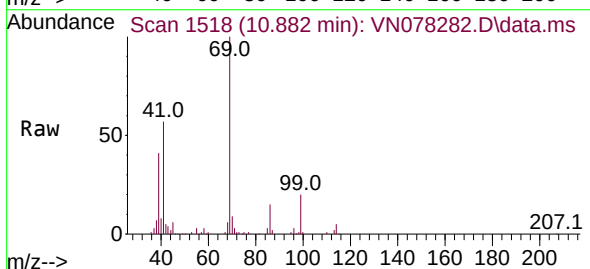
Tgt Ion:	97	Resp:	92760
Ion Ratio	100	Lower	Upper
97	100		
83	92.3	65.1	97.7
85	62.4	43.4	65.2
99	67.7	49.2	73.8

Manual Integrations
APPROVED

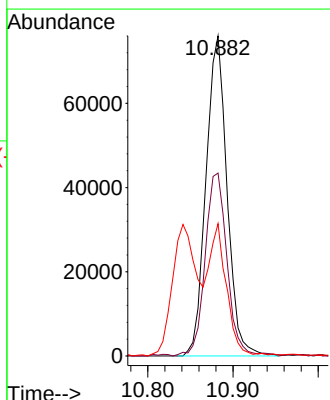
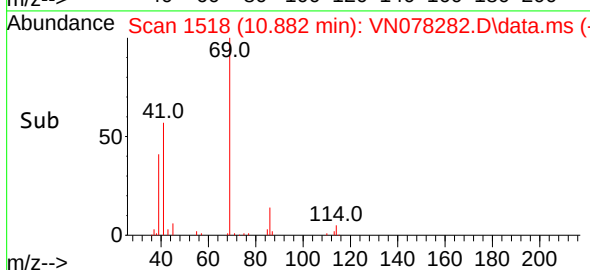
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

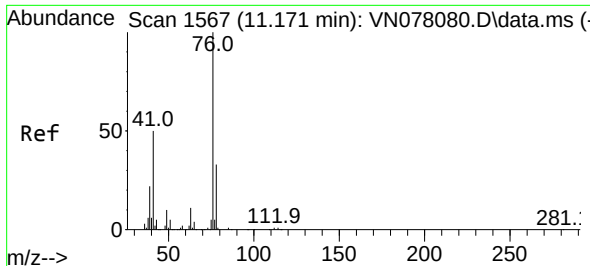


#56
Ethyl methacrylate
Concen: 19.766 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12



Tgt Ion:	69	Resp:	130961
Ion Ratio	100	Lower	Upper
69	100		
41	59.5	39.6	59.4
39	34.0	28.6	43.0





#57

1,3-Dichloropropane

Concen: 20.144 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VN078282.D

Acq: 19 Jun 2023 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD01

Tgt Ion: 76 Resp: 15472

Ion Ratio Lower Upper

76 100

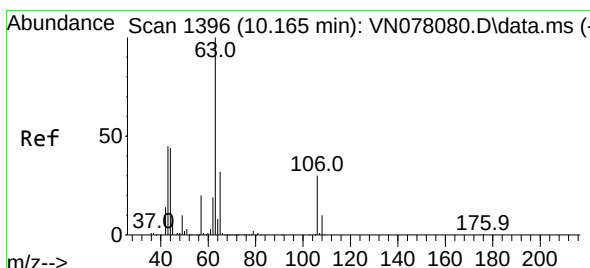
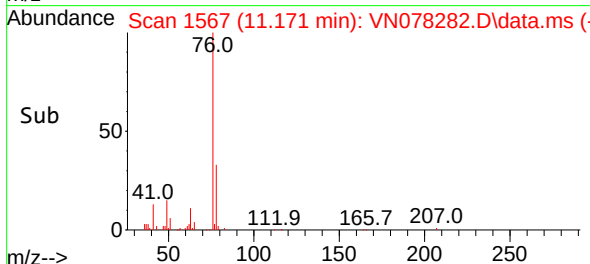
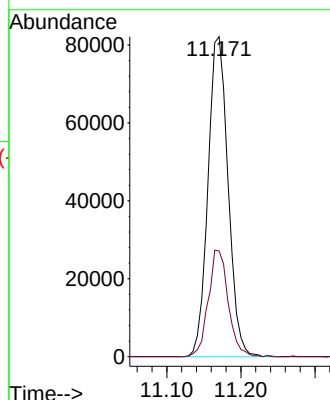
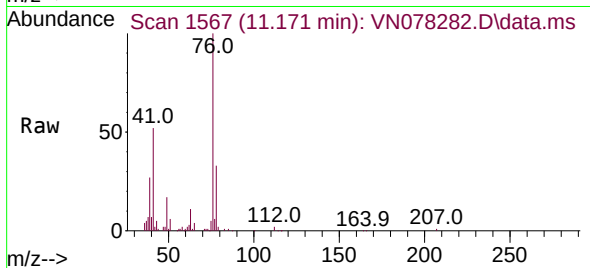
78 33.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 92.662 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN078282.D

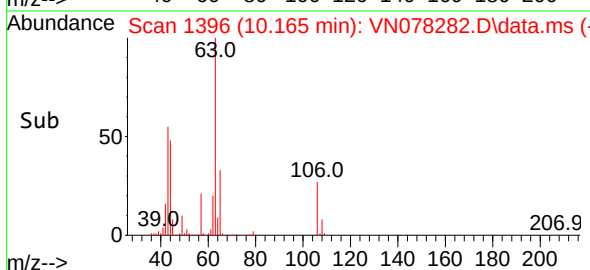
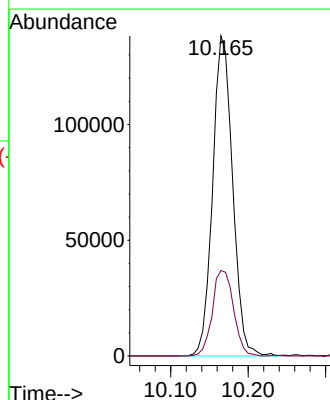
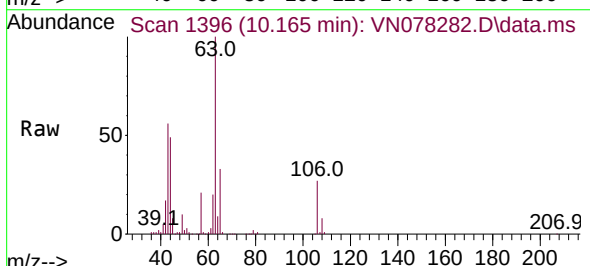
Acq: 19 Jun 2023 16:12

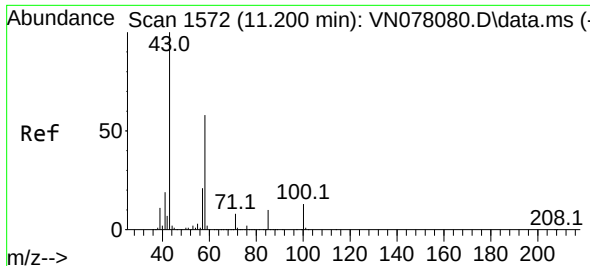
Tgt Ion: 63 Resp: 248010

Ion Ratio Lower Upper

63 100

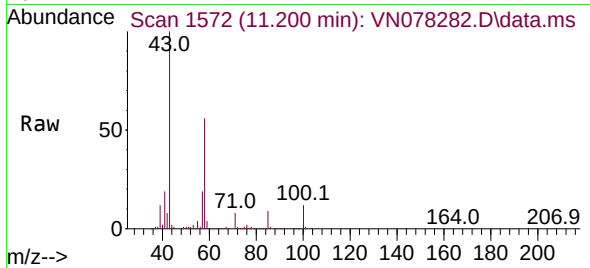
106 28.3 26.2 39.4





#59
2-Hexanone
Concen: 106.545 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

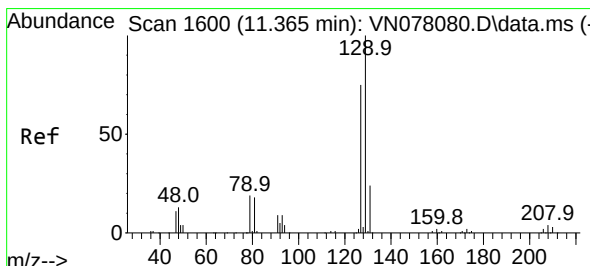
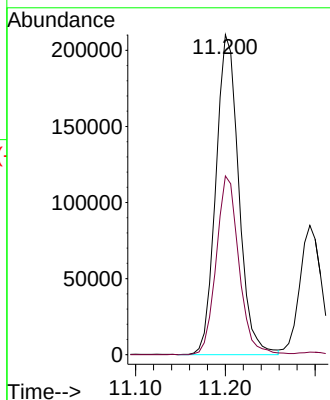
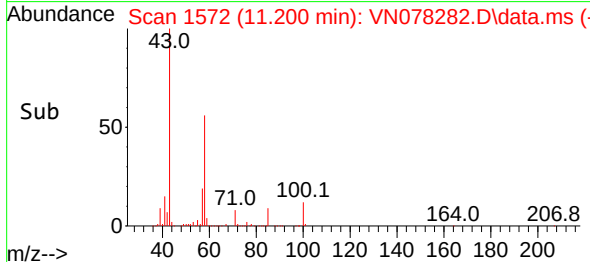
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion: 43 Resp: 372450
Ion Ratio Lower Upper
43 100
58 55.5 31.7 95.1

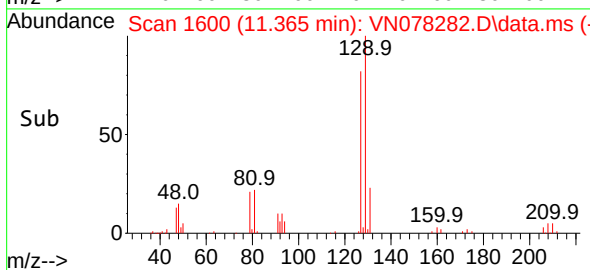
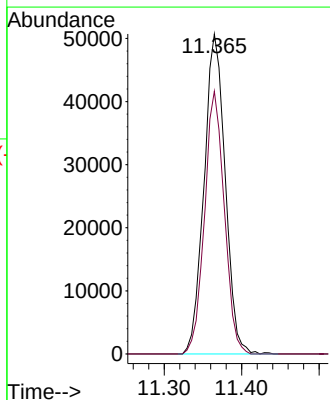
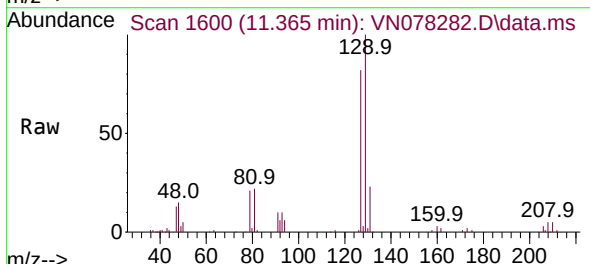
Manual Integrations
APPROVED

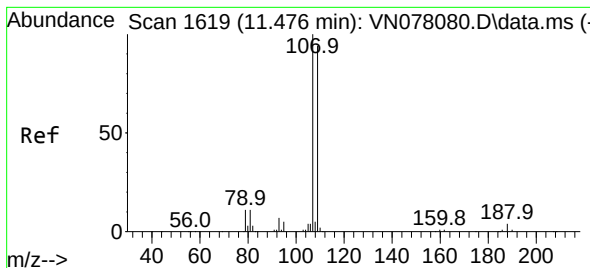
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#60
Dibromochloromethane
Concen: 19.318 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

Tgt Ion:129 Resp: 96185
Ion Ratio Lower Upper
129 100
127 76.7 38.6 116.0





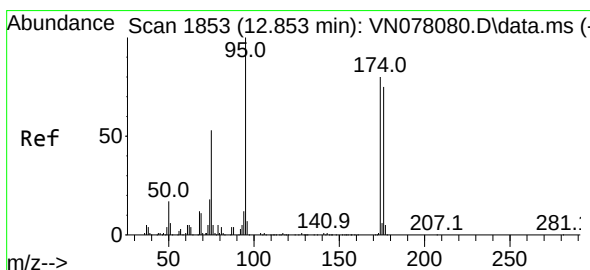
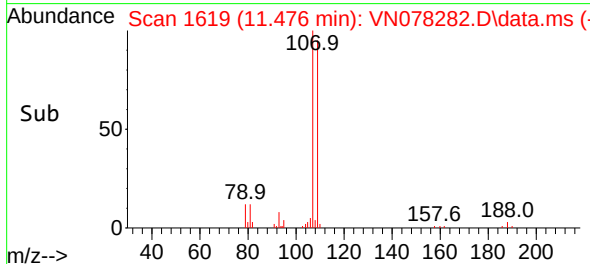
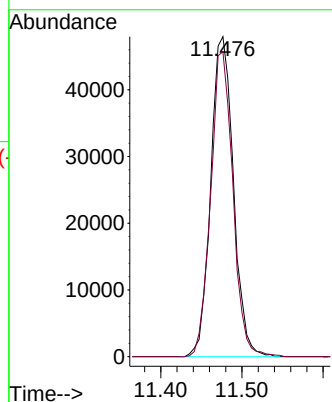
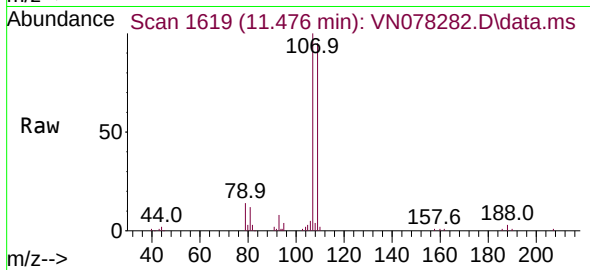
#61
1,2-Dibromoethane
Concen: 19.451 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion:107 Resp: 9288
Ion Ratio Lower Upper
107 100
109 93.6 76.6 114.8

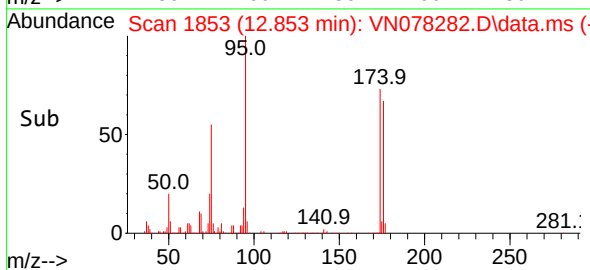
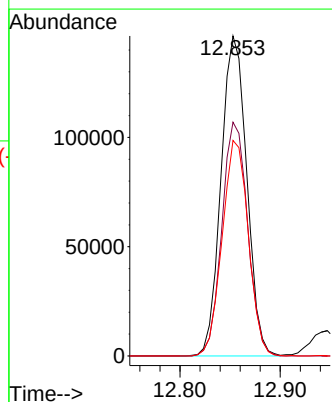
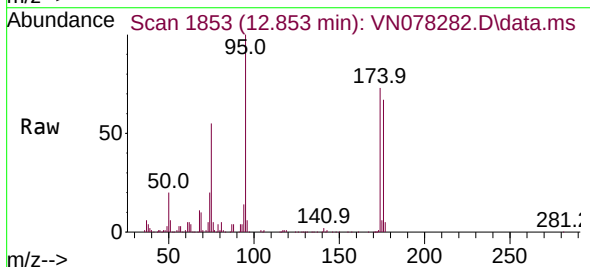
Manual Integrations
APPROVED

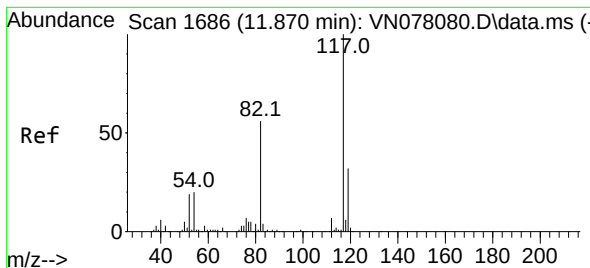
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#62
4-Bromofluorobenzene
Concen: 48.921 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

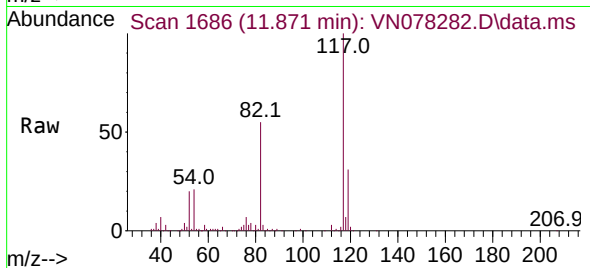
Tgt Ion: 95 Resp: 260840
Ion Ratio Lower Upper
95 100
174 73.3 0.0 143.8
176 68.4 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

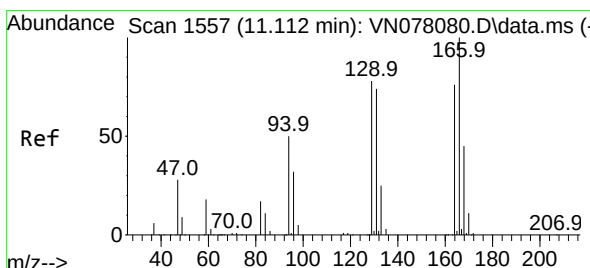
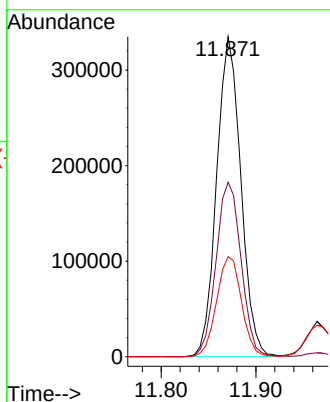
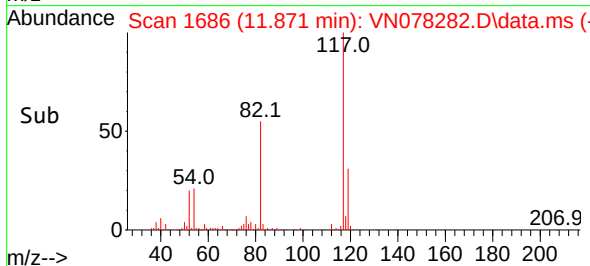
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion:117 Resp: 59574
Ion Ratio Lower Upper
117 100
82 54.5 44.0 66.0
119 31.2 25.6 38.4

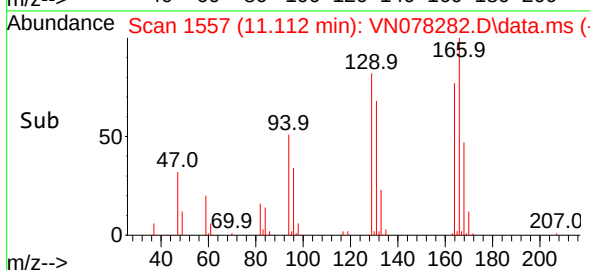
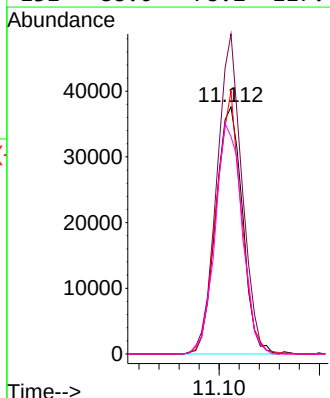
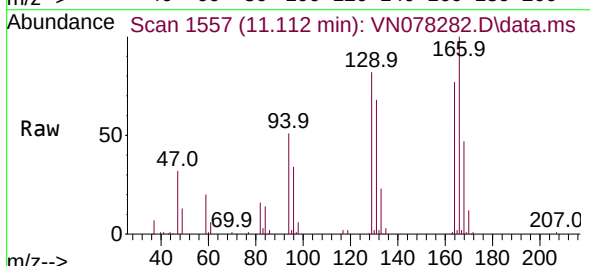
Manual Integrations
APPROVED

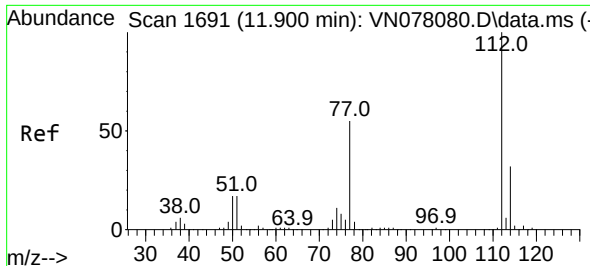
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#64
Tetrachloroethene
Concen: 17.541 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

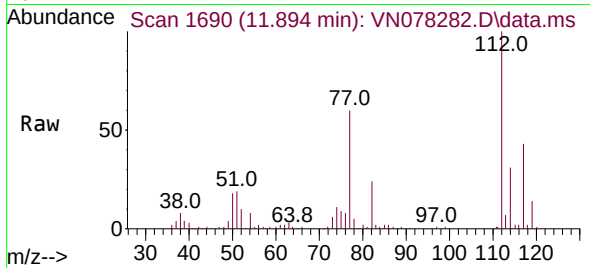
Tgt Ion:164 Resp: 69713
Ion Ratio Lower Upper
164 100
166 129.5 101.4 152.0
129 106.4 82.4 123.6
131 88.0 78.2 117.4





#65
Chlorobenzene
Concen: 18.150 ug/l
RT: 11.894 min Scan# 11894
Delta R.T. -0.006 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

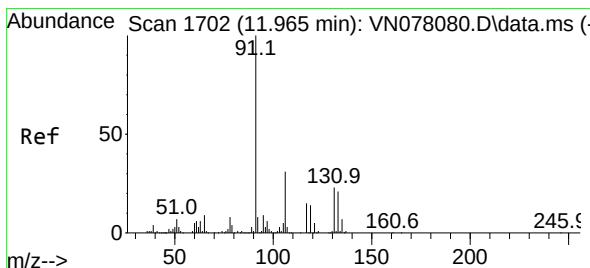
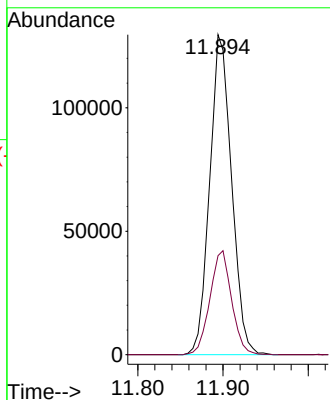
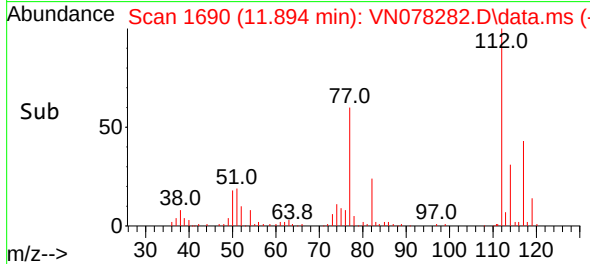
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion:112 Resp: 23155
Ion Ratio Lower Upper
112 100
114 30.9 25.0 37.4

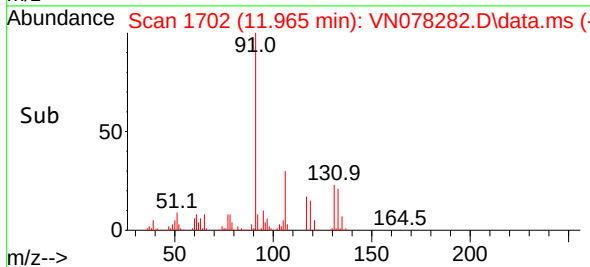
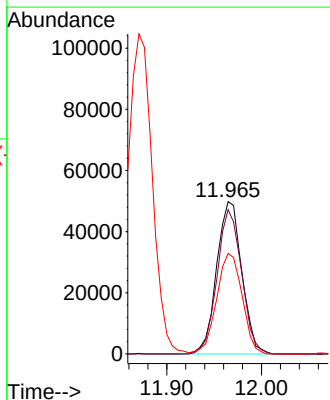
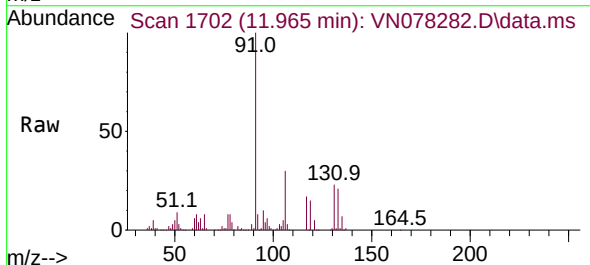
Manual Integrations
APPROVED

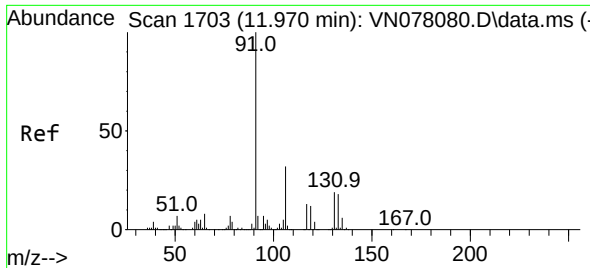
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.547 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

Tgt Ion:131 Resp: 91724
Ion Ratio Lower Upper
131 100
133 92.6 46.4 139.1
119 67.1 34.1 102.2





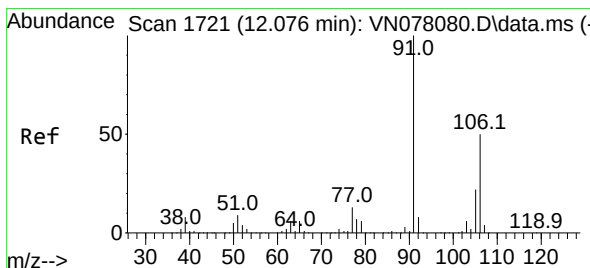
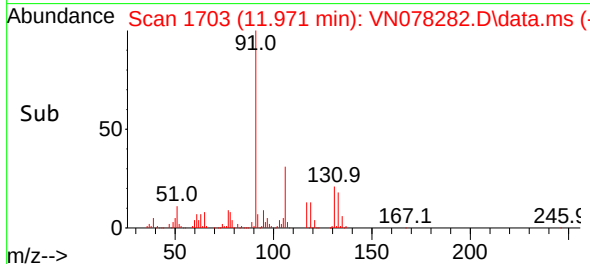
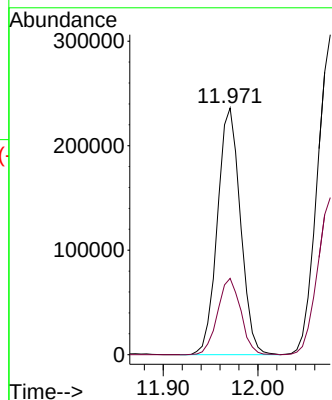
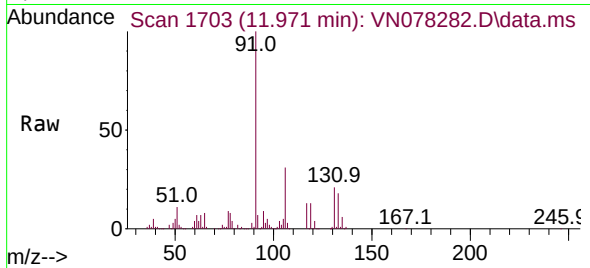
#67
Ethyl Benzene
Concen: 18.088 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion: 91 Resp: 39819
Ion Ratio Lower Upper
91 100
106 30.9 25.6 38.4

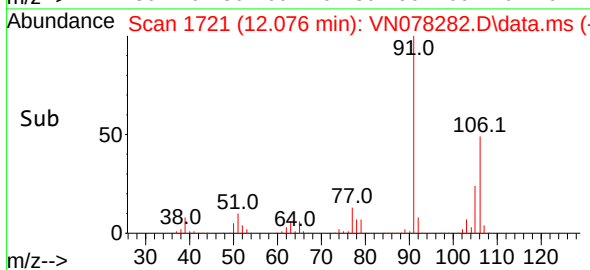
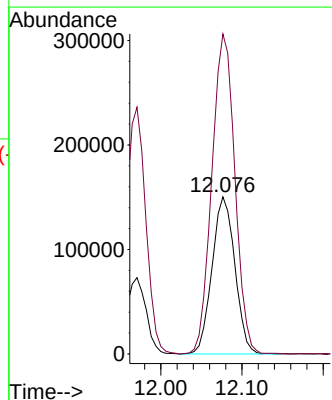
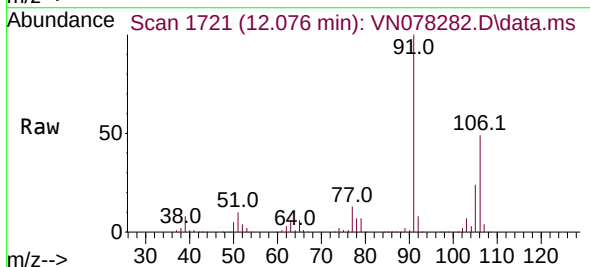
Manual Integrations
APPROVED

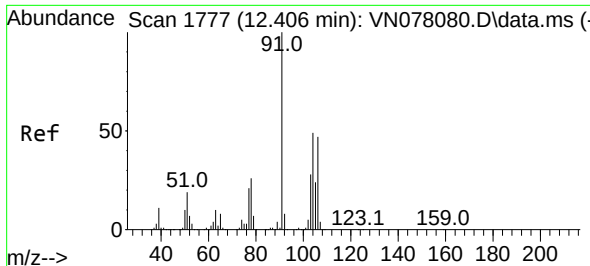
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#68
m/p-Xylenes
Concen: 34.999 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

Tgt Ion:106 Resp: 293624
Ion Ratio Lower Upper
106 100
91 206.0 159.6 239.4





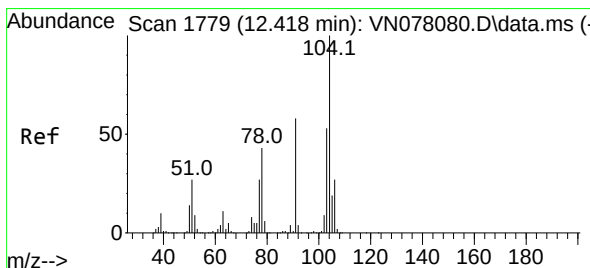
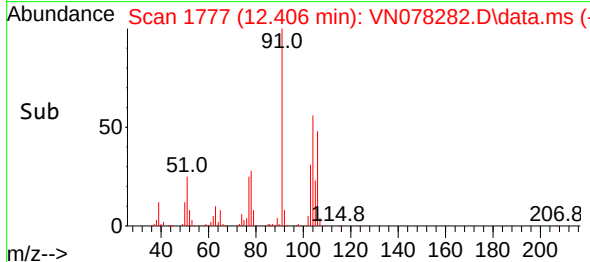
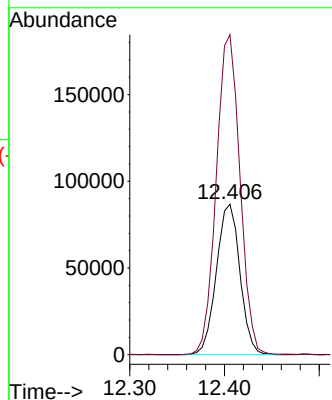
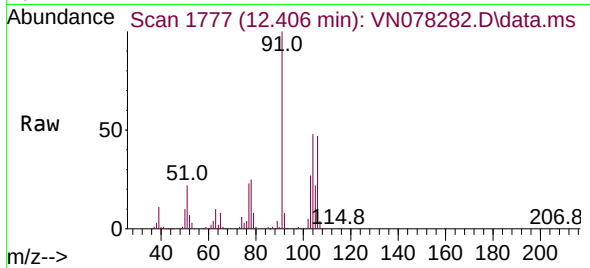
#69
o-Xylene
Concen: 18.231 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion:106 Resp: 150203
Ion Ratio Lower Upper
106 100
91 214.0 105.2 315.5

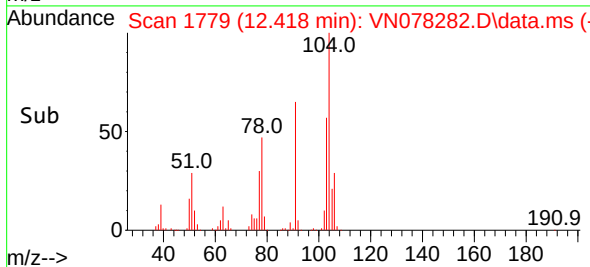
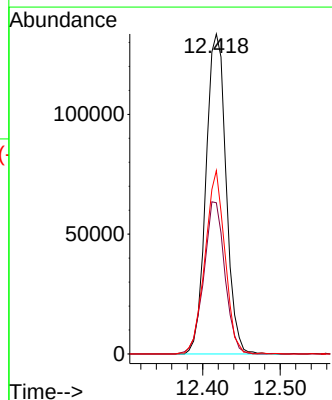
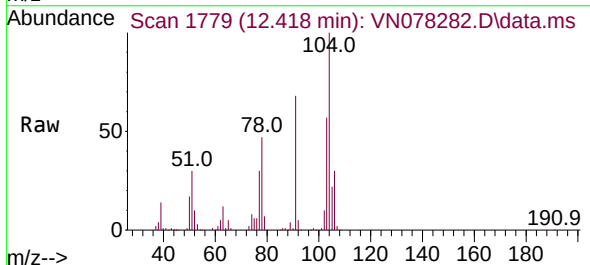
Manual Integrations
APPROVED

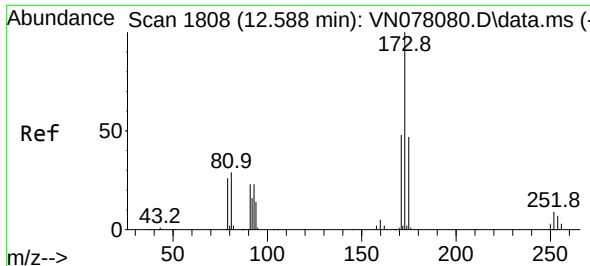
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#70
Styrene
Concen: 18.520 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

Tgt Ion:104 Resp: 240213
Ion Ratio Lower Upper
104 100
78 49.7 39.5 59.3
103 56.8 43.2 64.8





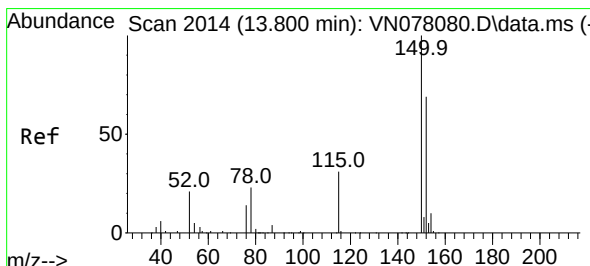
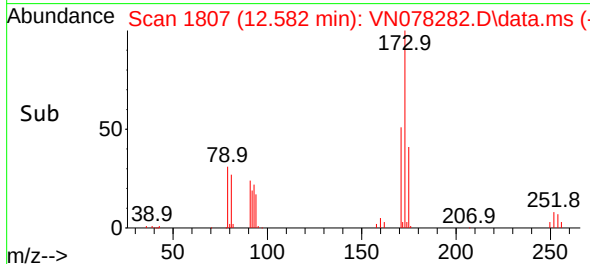
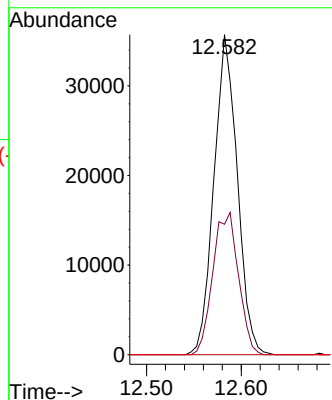
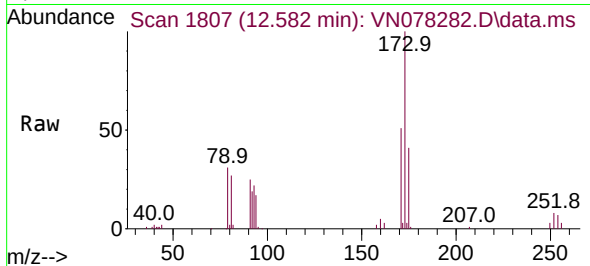
#71
Bromoform
Concen: 20.176 ug/l
RT: 12.582 min Scan# 1808
Delta R.T. -0.006 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion:173 Resp: 6109
Ion Ratio Lower Upper
173 100
175 48.8 24.3 73.0
254 0.0 0.0 0.0

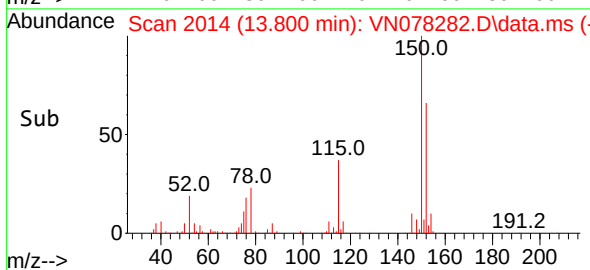
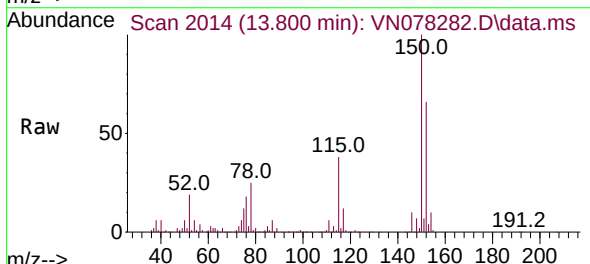
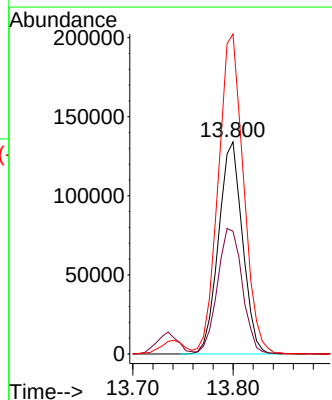
Manual Integrations
APPROVED

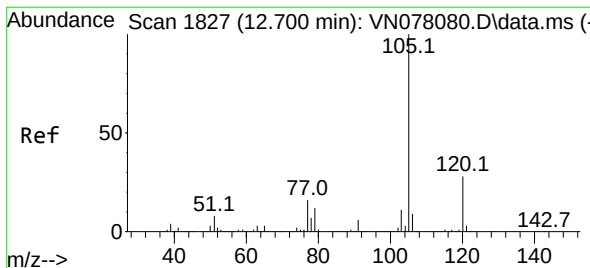
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

Tgt Ion:152 Resp: 221598
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 159.6 0.0 355.8





#73

Isopropylbenzene

Concen: 16.550 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN078282.D

Acq: 19 Jun 2023 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBSD01

Tgt Ion:105 Resp: 34681

Ion Ratio Lower Upper

105 100

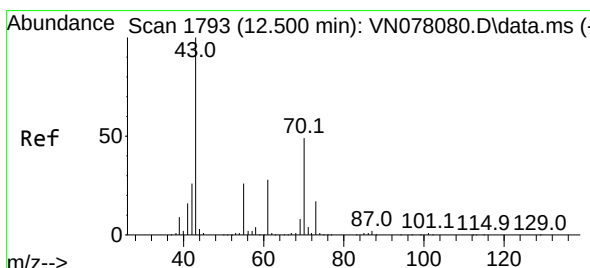
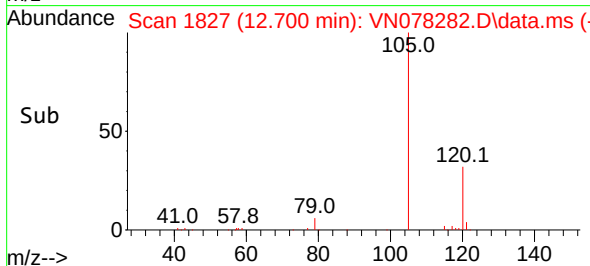
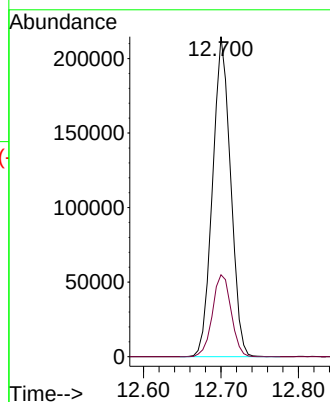
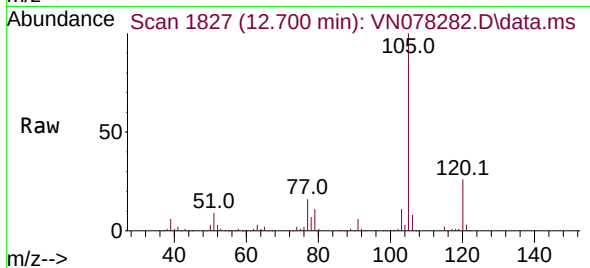
120 26.5 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#74

N-ethyl acetate

Concen: 18.795 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN078282.D

Acq: 19 Jun 2023 16:12

Tgt Ion: 43 Resp: 129694

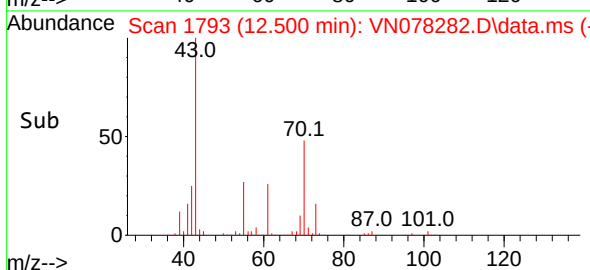
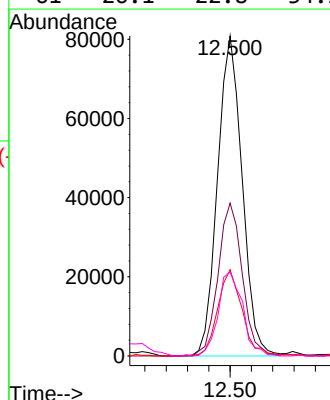
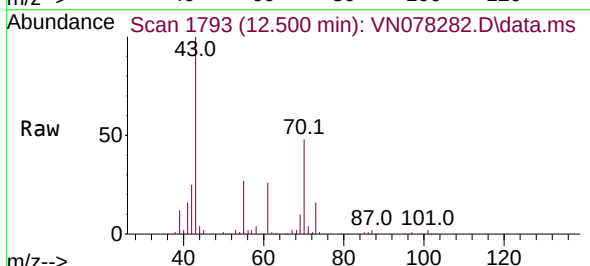
Ion Ratio Lower Upper

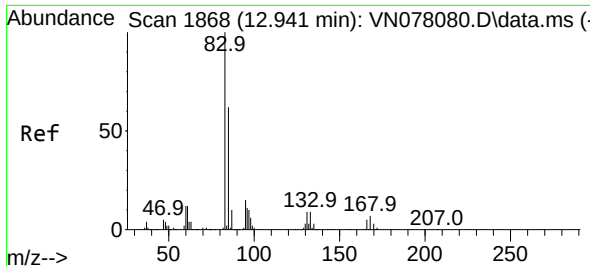
43 100

70 47.0 43.4 65.2

55 26.9 21.4 32.0

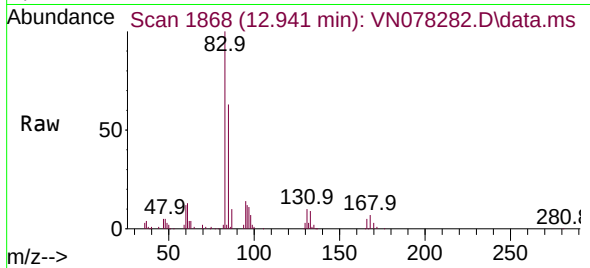
61 26.1 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 21.919 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

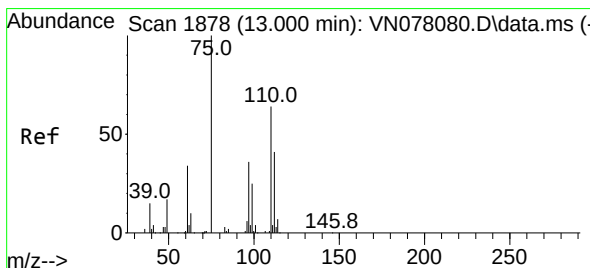
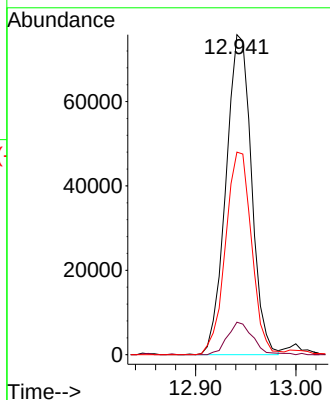
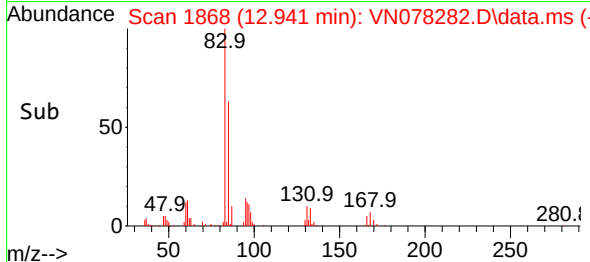
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



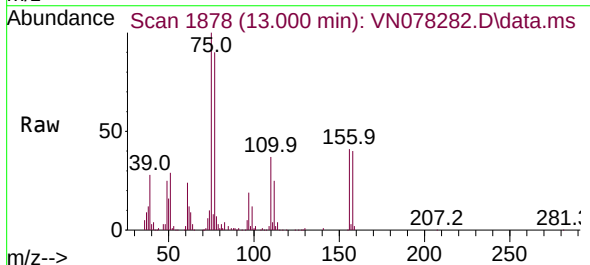
Tgt Ion: 83 Resp: 134252
Ion Ratio Lower Upper
83 100
131 10.2 5.0 15.0
85 64.8 31.9 95.7

Manual Integrations
APPROVED

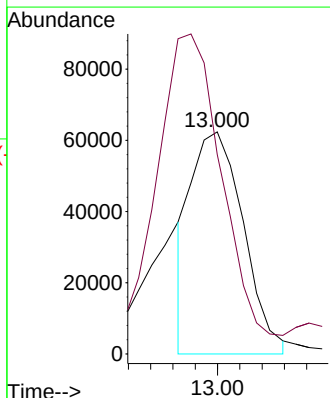
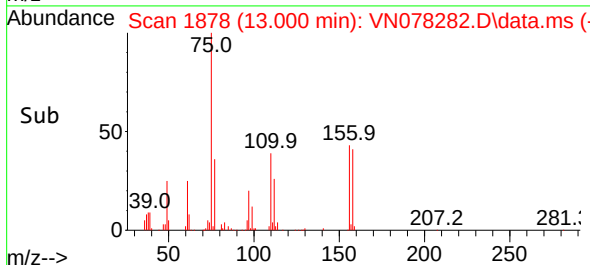
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

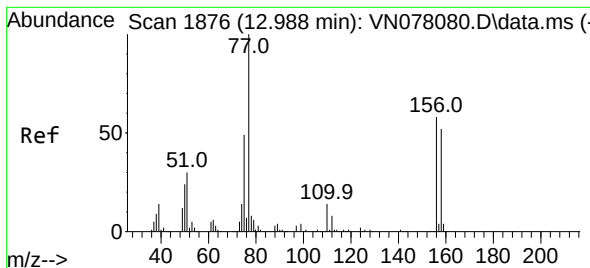


#76
1,2,3-Trichloropropane
Concen: 19.404 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12



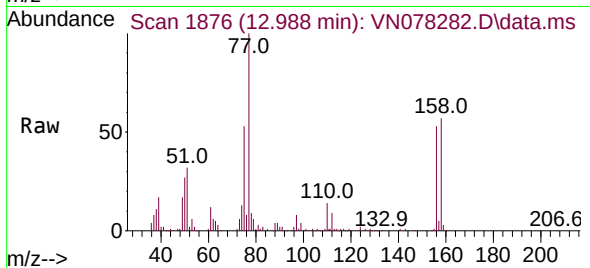
Tgt Ion: 75 Resp: 101653
Ion Ratio Lower Upper
75 100
77 185.5 84.5 253.5





#77
Bromobenzene
Concen: 17.909 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

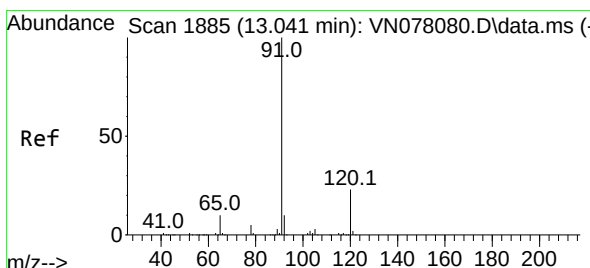
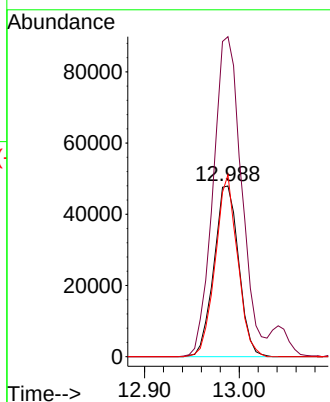
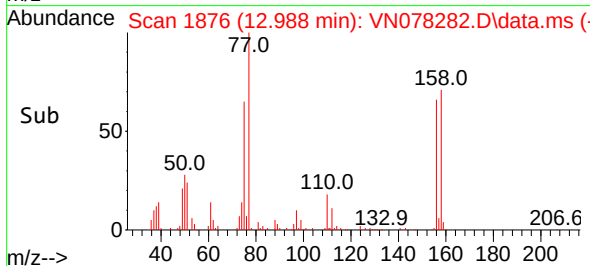
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



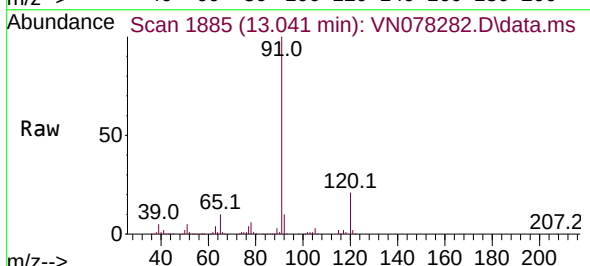
Tgt Ion:156 Resp: 87118
Ion Ratio Lower Upper
156 100
77 216.4 107.7 323.3
158 96.0 48.4 145.3

Manual Integrations
APPROVED

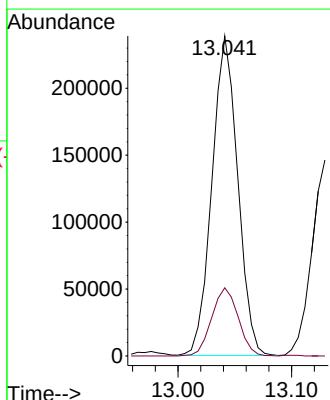
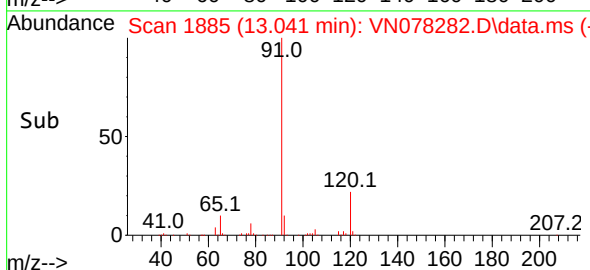
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

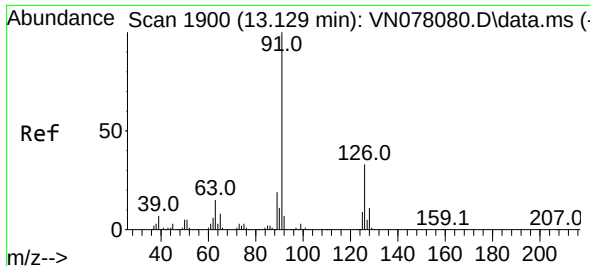


#78
n-propylbenzene
Concen: 16.518 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12



Tgt Ion: 91 Resp: 376062
Ion Ratio Lower Upper
91 100
120 21.9 11.5 34.4





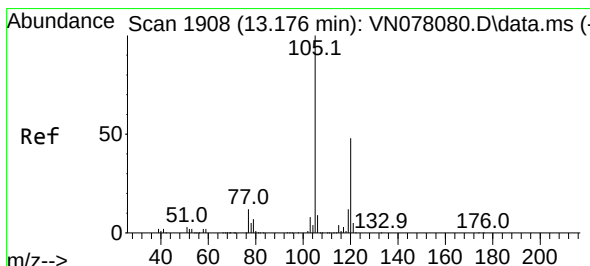
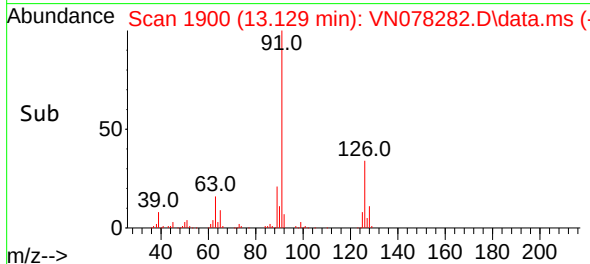
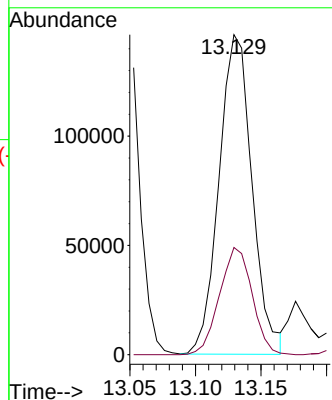
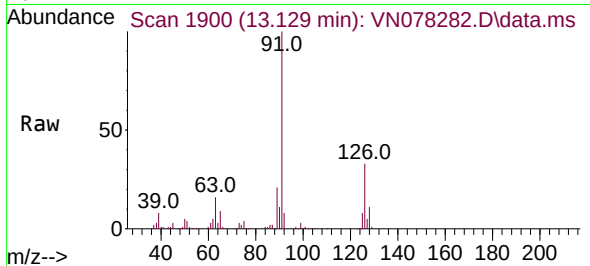
#79
2-Chlorotoluene
Concen: 17.450 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01

Tgt Ion: 91 Resp: 25644
Ion Ratio Lower Upper
91 100
126 33.0 16.3 48.8

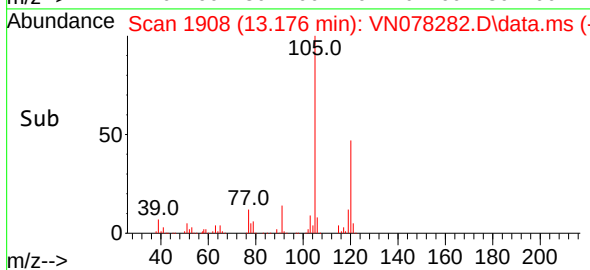
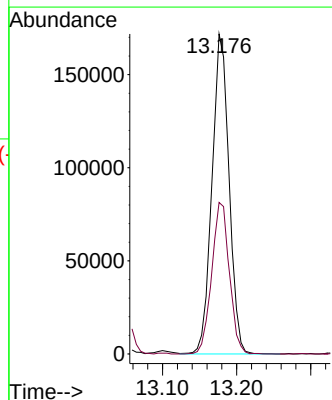
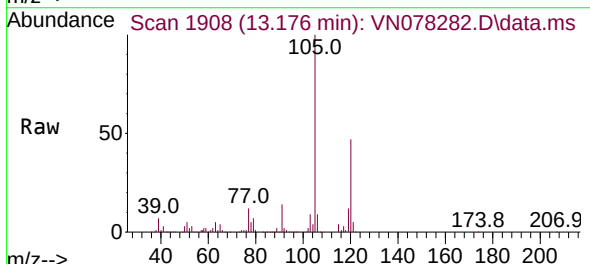
Manual Integrations
APPROVED

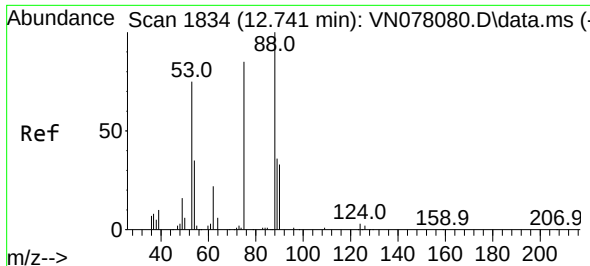
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 16.166 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

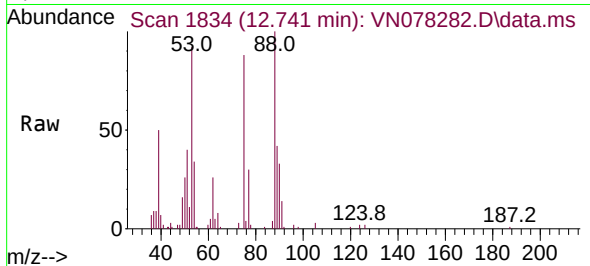
Tgt Ion:105 Resp: 274265
Ion Ratio Lower Upper
105 100
120 49.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 19.148 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

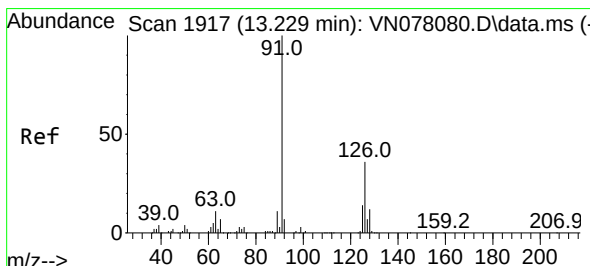
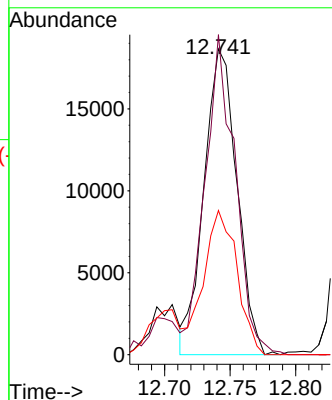
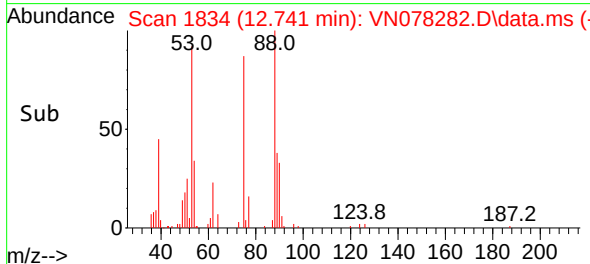
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion: 75 Resp: 32649
Ion Ratio Lower Upper
75 100
53 95.6 67.4 101.2
89 48.4 38.8 58.2

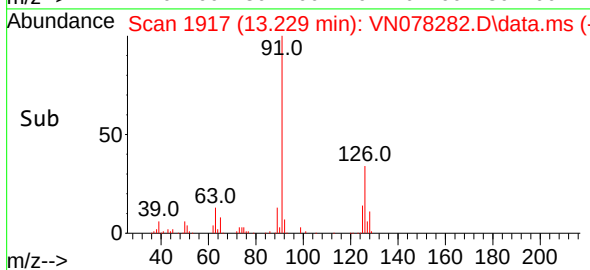
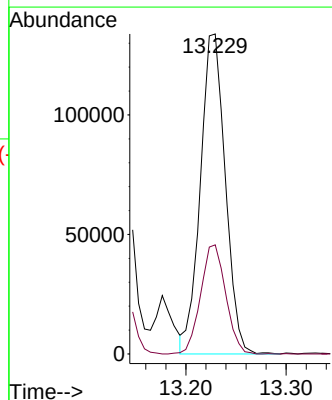
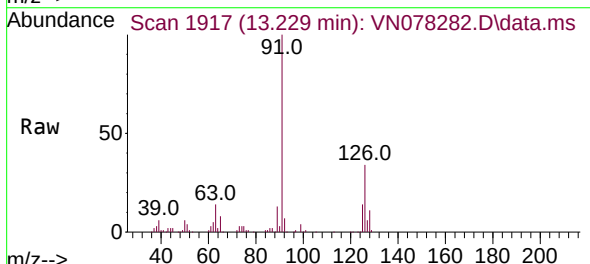
Manual Integrations
APPROVED

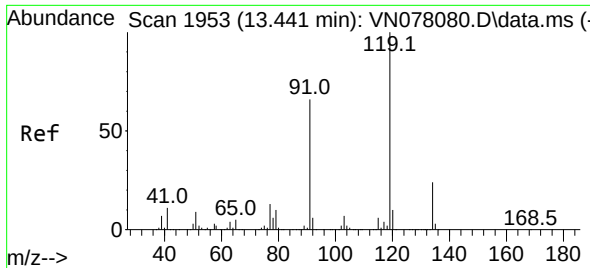
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#82
4-Chlorotoluene
Concen: 16.901 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

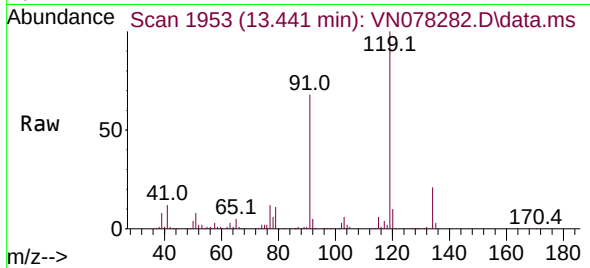
Tgt Ion: 91 Resp: 231808
Ion Ratio Lower Upper
91 100
126 34.2 16.7 50.0





#83
tert-Butylbenzene
Concen: 15.780 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

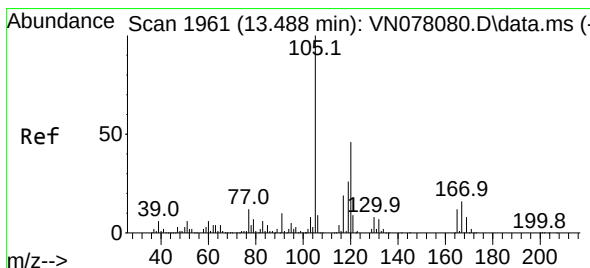
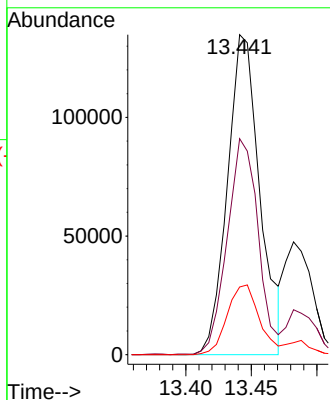
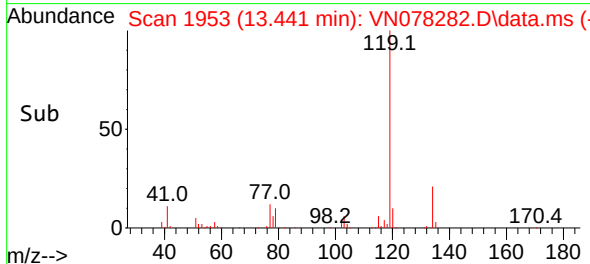
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



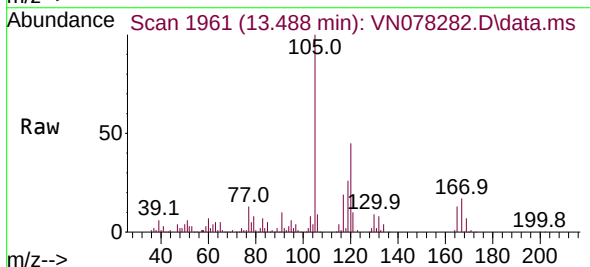
Tgt Ion:119 Resp: 23272
Ion Ratio Lower Upper
119 100
91 64.7 33.9 101.7
134 21.5 13.2 39.6

Manual Integrations
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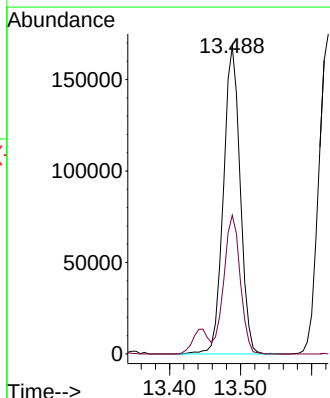
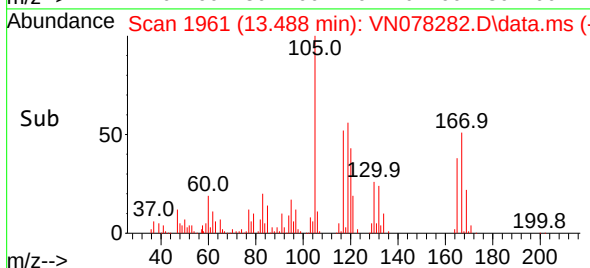
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

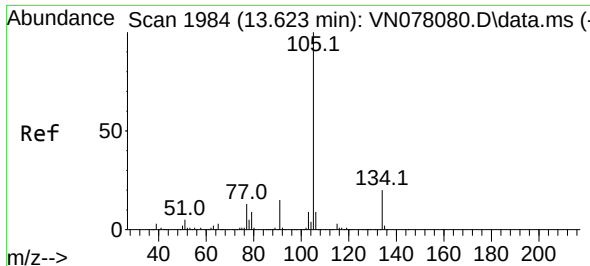


#84
1,2,4-Trimethylbenzene
Concen: 16.684 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12



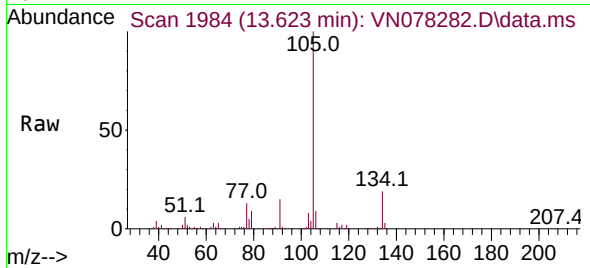
Tgt Ion:105 Resp: 274428
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 14.624 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078282.D
 Acq: 19 Jun 2023 16:12

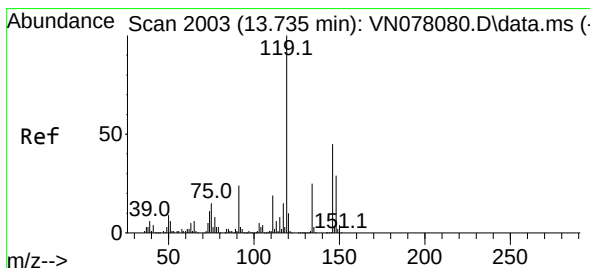
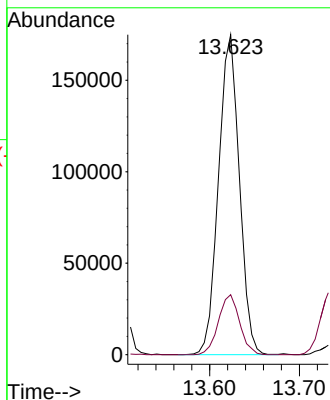
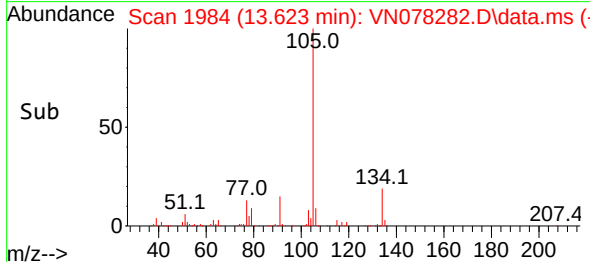
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD01



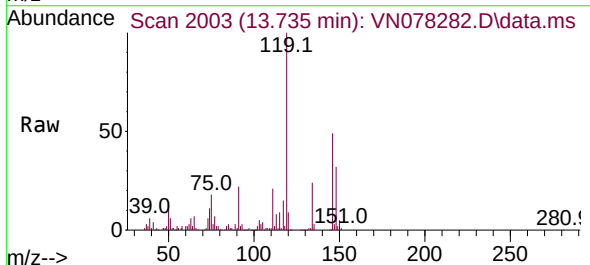
Tgt Ion:105 Resp: 282288
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.3

Manual Integrations
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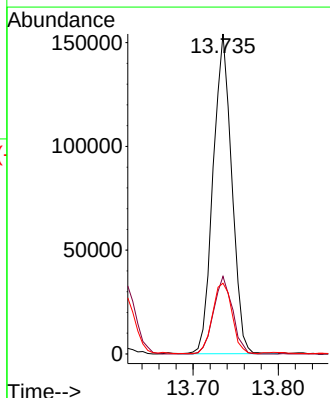
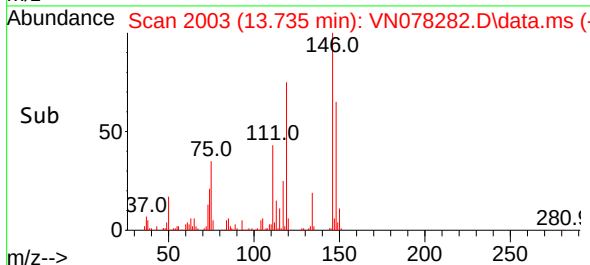
Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023

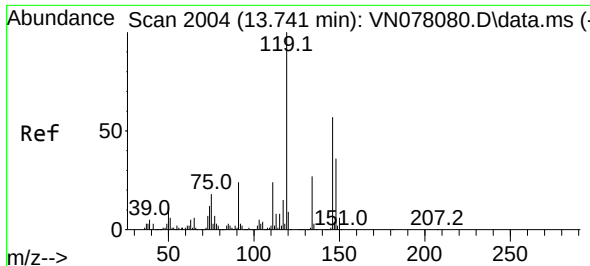


#86
 p-Isopropyltoluene
 Concen: 14.929 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078282.D
 Acq: 19 Jun 2023 16:12



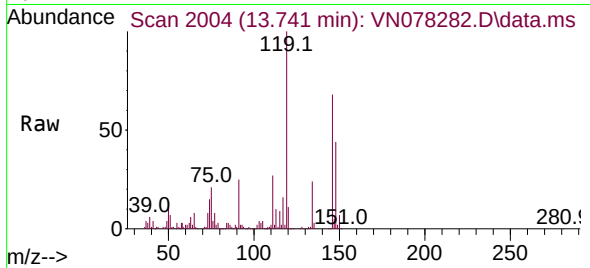
Tgt Ion:119 Resp: 233842
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.6 37.8
 91 23.2 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 16.029 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. 0.000 min
 Lab File: VN078282.D
 Acq: 19 Jun 2023 16:12

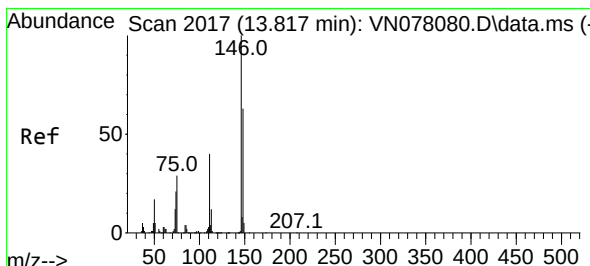
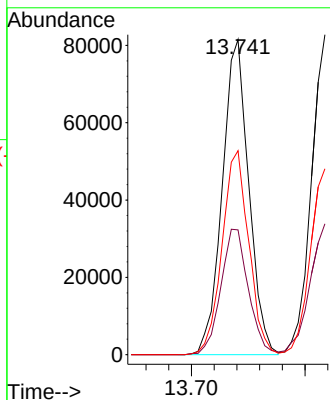
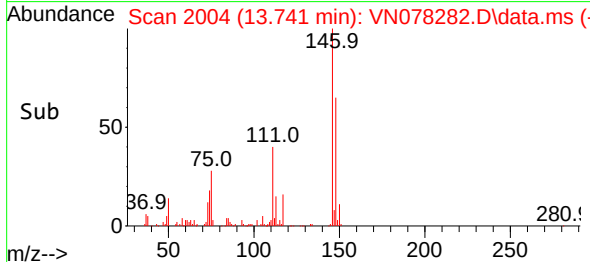
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD01



Tgt Ion:146 Resp: 131890
 Ion Ratio Lower Upper
 146 100
 111 41.5 22.1 66.3
 148 65.3 32.0 96.0

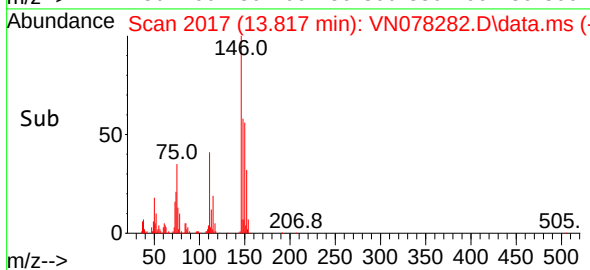
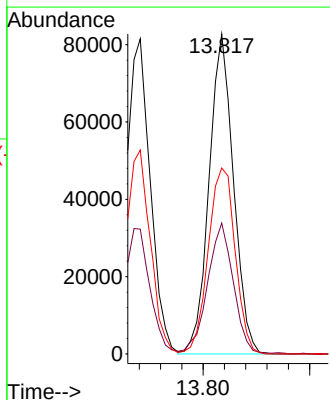
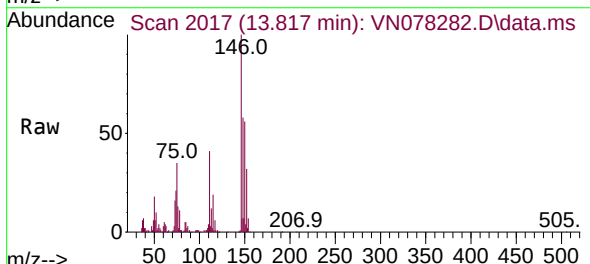
Manual Integrations
 APPROVED

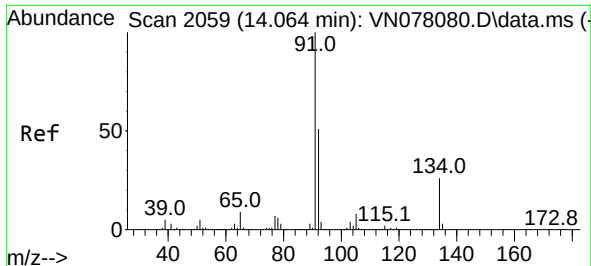
Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023



#88
 1,4-Dichlorobenzene
 Concen: 16.589 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN078282.D
 Acq: 19 Jun 2023 16:12

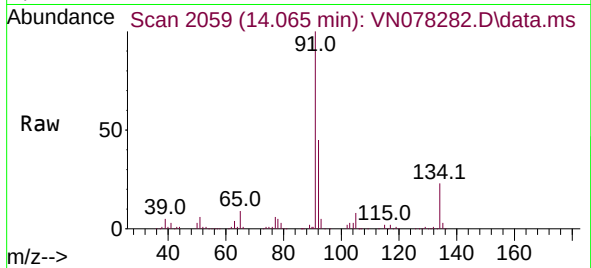
Tgt Ion:146 Resp: 131713
 Ion Ratio Lower Upper
 146 100
 111 43.3 20.6 61.8
 148 64.2 31.6 94.8





#89
n-Butylbenzene
Concen: 14.194 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

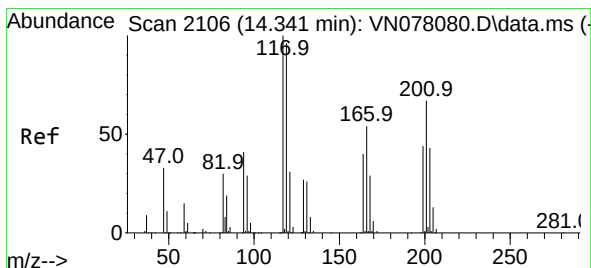
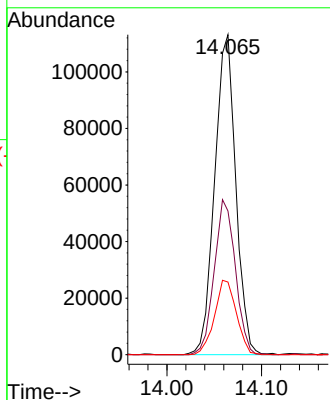
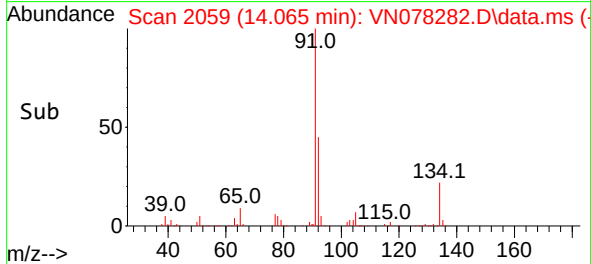
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion: 91 Resp: 175364
Ion Ratio Lower Upper
91 100
92 48.5 26.4 79.0
134 24.1 12.6 37.6

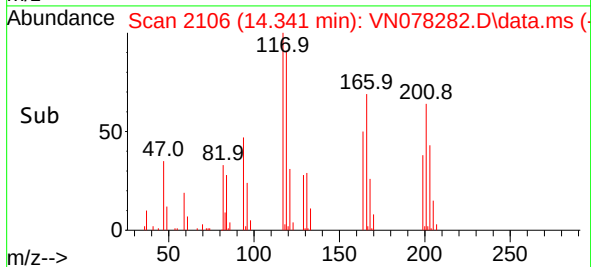
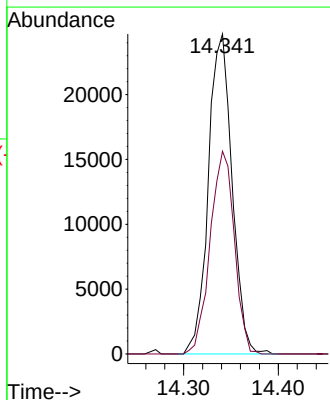
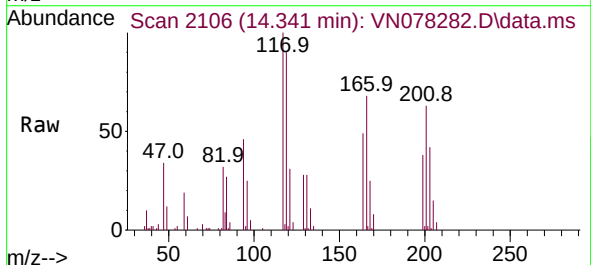
Manual Integrations
APPROVED

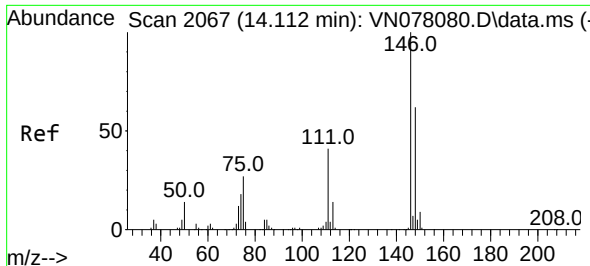
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#90
Hexachloroethane
Concen: 15.485 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

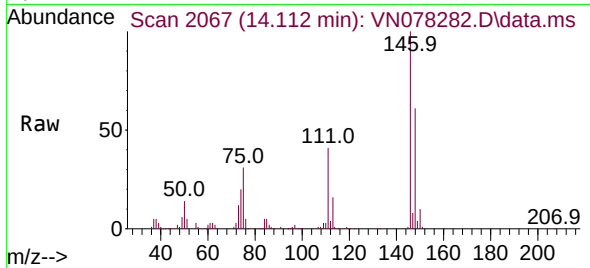
Tgt Ion:117 Resp: 43044
Ion Ratio Lower Upper
117 100
201 64.4 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 17.178 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

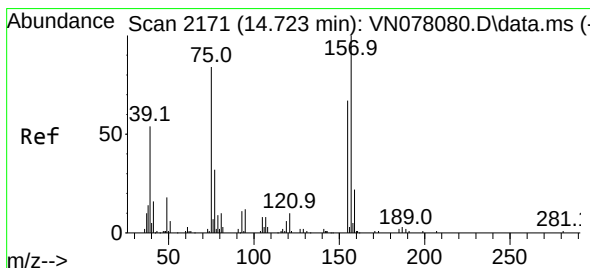
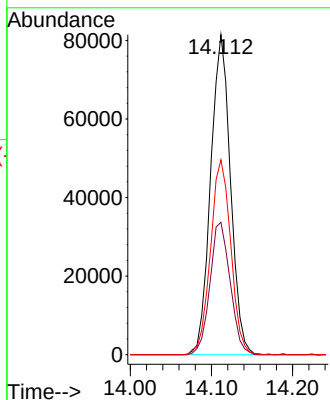
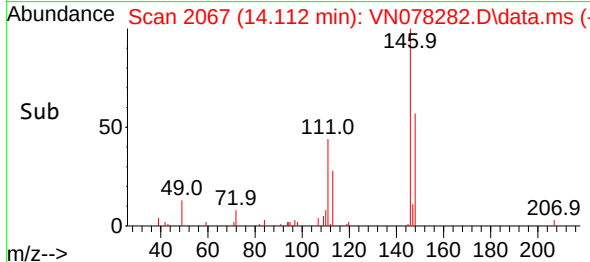
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



Tgt Ion:146 Resp: 138130
Ion Ratio Lower Upper
146 100
111 42.2 22.0 66.0
148 62.3 31.8 95.3

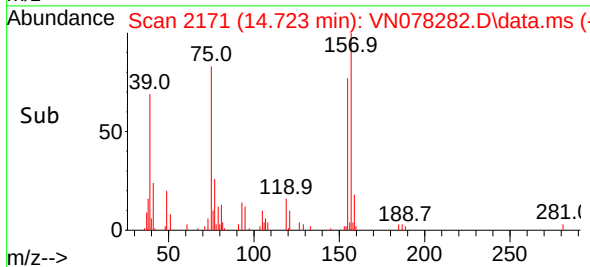
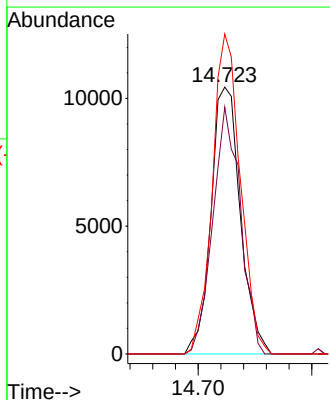
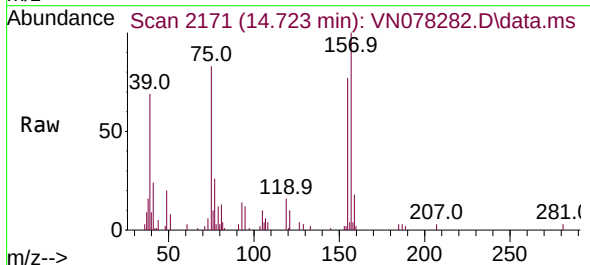
Manual Integrations
APPROVED

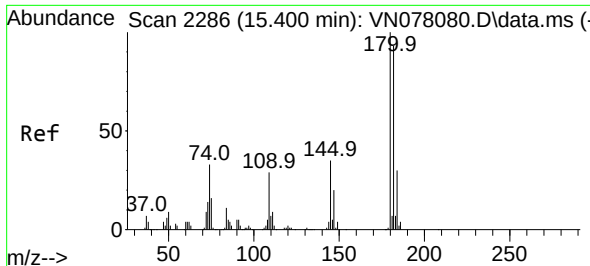
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.020 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

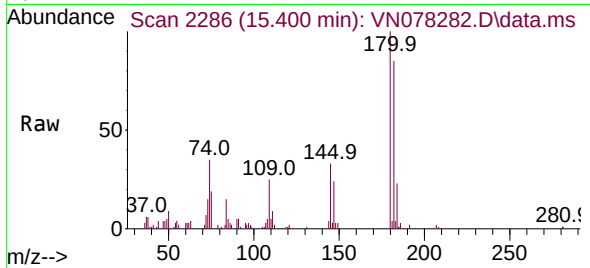
Tgt Ion: 75 Resp: 18704
Ion Ratio Lower Upper
75 100
155 87.5 39.1 117.2
157 114.6 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 12.217 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

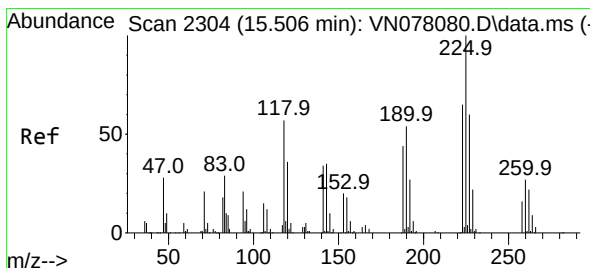
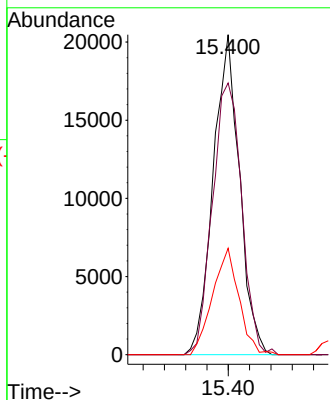
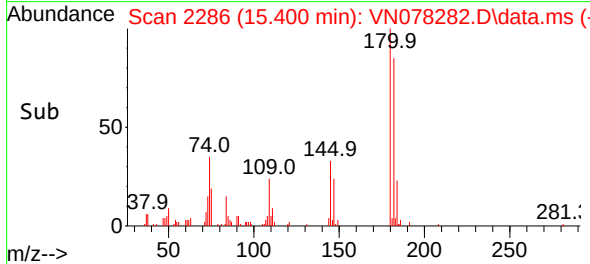
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



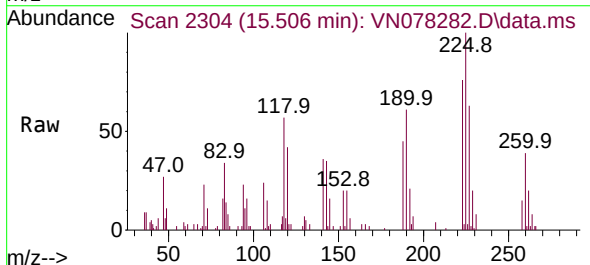
Tgt Ion:180 Resp: 3500
Ion Ratio Lower Upper
180 100
182 94.2 46.1 138.2
145 33.5 16.6 49.8

Manual Integrations
APPROVED

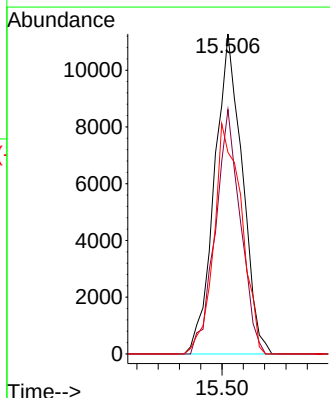
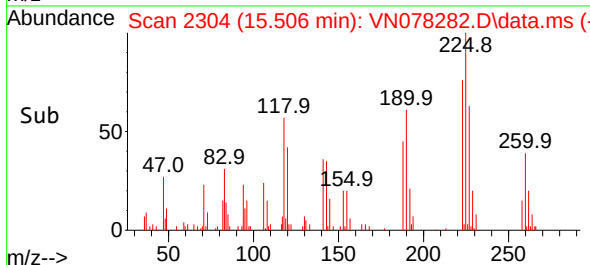
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

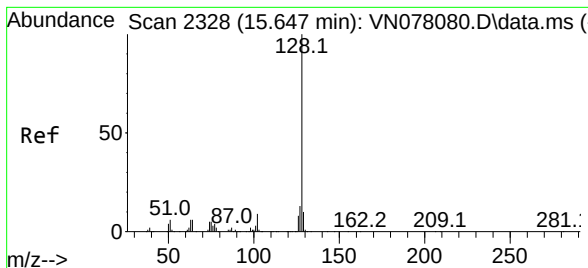


#94
Hexachlorobutadiene
Concen: 12.506 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12



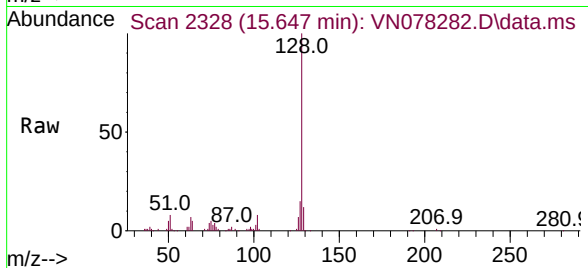
Tgt Ion:225 Resp: 20385
Ion Ratio Lower Upper
225 100
223 69.0 31.3 93.8
227 71.8 31.9 95.9





#95
Naphthalene
Concen: 12.379 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12

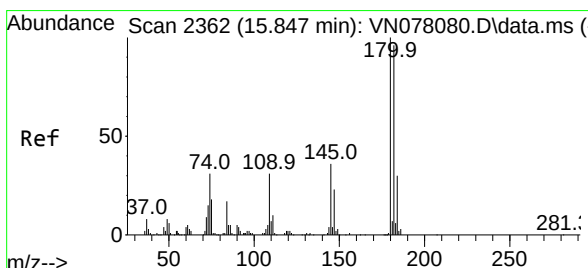
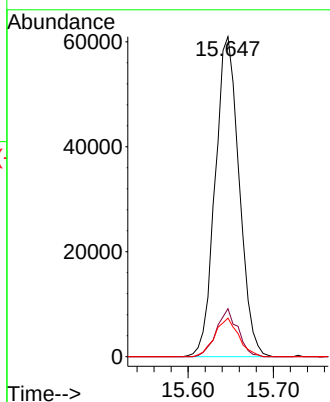
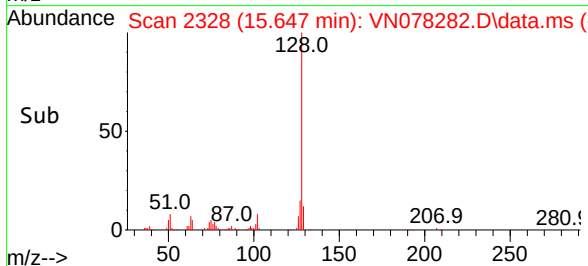
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBSD01



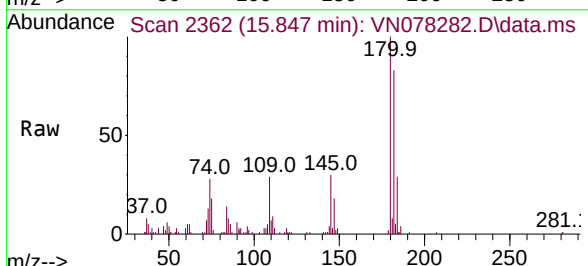
Tgt Ion:128 Resp: 11931
Ion Ratio Lower Upper
128 100
127 13.5 10.0 15.0
129 12.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 13.258 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN078282.D
Acq: 19 Jun 2023 16:12



Tgt Ion:180 Resp: 42486
Ion Ratio Lower Upper
180 100
182 92.7 46.2 138.6
145 33.9 17.5 52.6

