

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103023\
 Data File : VN079718.D
 Acq On : 30 Oct 2023 10:58
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 31 07:09:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:05:58 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/31/2023
 Supervised By : Mahesh Dadoda 10/31/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	295733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	522875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	466703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	181946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	90567	19.070	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	38.140%#		
35) Dibromofluoromethane	8.171	113	72562	19.421	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.840%#		
50) Toluene-d8	10.571	98	266836	19.158	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	38.320%#		
62) 4-Bromofluorobenzene	12.853	95	83439	19.024	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	38.040%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.130	85	81731	20.935	ug/l	99
3) Chloromethane	2.365	50	95563	20.206	ug/l	98
4) Vinyl Chloride	2.518	62	102038	20.033	ug/l	95
5) Bromomethane	2.959	94	69927	20.915	ug/l	99
6) Chloroethane	3.124	64	74367	19.931	ug/l	100
7) Trichlorofluoromethane	3.500	101	121438	20.275	ug/l	96
8) Diethyl Ether	3.965	74	44180	20.383	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.371	101	70130	20.216	ug/l	98
10) Methyl Iodide	4.589	142	69809	19.995	ug/l	98
11) Tert butyl alcohol	5.524	59	62197	98.740	ug/l	100
12) 1,1-Dichloroethene	4.342	96	64507	19.853	ug/l	87
13) Acrolein	4.183	56	59900	94.532	ug/l	98
14) Allyl chloride	5.030	41	111858	20.528	ug/l #	92
15) Acrylonitrile	5.724	53	194816	100.508	ug/l	98
16) Acetone	4.436	43	196152	96.539	ug/l	92
17) Carbon Disulfide	4.712	76	195248	19.678	ug/l	99
18) Methyl Acetate	5.030	43	166733	20.340	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	222395	20.229	ug/l	98
20) Methylene Chloride	5.289	84	78244	19.447	ug/l	89
21) trans-1,2-Dichloroethene	5.794	96	72753	19.726	ug/l #	82
22) Diisopropyl ether	6.677	45	247537	20.207	ug/l #	91
23) Vinyl Acetate	6.612	43	676565	100.313	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	144146	19.637	ug/l	98
25) 2-Butanone	7.488	43	278476	99.778	ug/l #	77
26) 2,2-Dichloropropane	7.494	77	117973	19.861	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	83665	19.703	ug/l	85
28) Bromochloromethane	7.824	49	70129	19.532	ug/l #	75
29) Tetrahydrofuran	7.841	42	176687	103.625	ug/l #	75
30) Chloroform	7.965	83	148675	20.114	ug/l	94
31) Cyclohexane	8.265	56	123113	19.001	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	127248	19.858	ug/l	94
36) 1,1-Dichloropropene	8.377	75	109010	19.667	ug/l	95
37) Ethyl Acetate	7.565	43	109133	19.864	ug/l #	92
38) Carbon Tetrachloride	8.371	117	109943	19.891	ug/l	95
39) Methylcyclohexane	9.606	83	106642	19.343	ug/l #	86
40) Benzene	8.612	78	323106	19.751	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	57999	20.241	ug/l #	84
42) 1,2-Dichloroethane	8.677	62	117318	19.745	ug/l	98
43) Isopropyl Acetate	8.694	43	174824	19.905	ug/l #	90
44) Trichloroethene	9.353	130	77063	19.447	ug/l	96
45) 1,2-Dichloropropane	9.624	63	85579	19.696	ug/l	97
46) Dibromomethane	9.712	93	58073	19.818	ug/l	97
47) Bromodichloromethane	9.894	83	116788	19.867	ug/l	99
48) Methyl methacrylate	9.682	41	81382	19.986	ug/l #	81
49) 1,4-Dioxane	9.700	88	30200	421.460	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	548079	100.290	ug/l	89
52) Toluene	10.635	92	202714	20.298	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	117683	19.824	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	128855	19.840	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	76385	19.340	ug/l	97
56) Ethyl methacrylate	10.876	69	110526	19.815	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	137327	19.868	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	198669	96.675	ug/l	89
59) 2-Hexanone	11.200	43	400711	99.721	ug/l	87
60) Dibromochloromethane	11.365	129	80658	19.735	ug/l	99
61) 1,2-Dibromoethane	11.470	107	75388	19.158	ug/l	100
64) Tetrachloroethene	11.106	164	65791	19.872	ug/l	97
65) Chlorobenzene	11.894	112	203085	19.660	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	76239	19.863	ug/l	97
67) Ethyl Benzene	11.970	91	359331	19.745	ug/l	97
68) m/p-Xylenes	12.076	106	273471	40.629	ug/l	95
69) o-Xylene	12.400	106	129544	20.015	ug/l	93
70) Styrene	12.417	104	207539	20.018	ug/l	97
71) Bromoform	12.582	173	55100	20.042	ug/l #	98
73) Isopropylbenzene	12.700	105	333056	20.209	ug/l	99
74) N-amyl acetate	12.500	43	128323	19.577	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	111582	19.125	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	92670m	19.382	ug/l	
77) Bromobenzene	12.982	156	78566	20.272	ug/l	94
78) n-propylbenzene	13.041	91	381975	20.121	ug/l	98
79) 2-Chlorotoluene	13.129	91	237105	20.036	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	270835	20.161	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	31831	19.434	ug/l #	81
82) 4-Chlorotoluene	13.223	91	228035	20.062	ug/l	99
83) tert-Butylbenzene	13.441	119	216839	19.695	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	263059	20.298	ug/l	100
85) sec-Butylbenzene	13.623	105	304699	19.841	ug/l	100
86) p-Isopropyltoluene	13.735	119	245738	20.091	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	132005	20.133	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	130615	19.997	ug/l	100
89) n-Butylbenzene	14.059	91	190797	19.634	ug/l	97
90) Hexachloroethane	14.335	117	49898	19.308	ug/l	87
91) 1,2-Dichlorobenzene	14.111	146	129305	20.276	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18683	20.763	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	38803	20.414	ug/l	99
94) Hexachlorobutadiene	15.506	225	32847	19.476	ug/l	98
95) Naphthalene	15.647	128	107739	19.524	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	44454	20.943	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Oct 31 07:05:58 2023
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

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 Sample : VSTDIC020
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 ALS Vial : 5 Sample Multiplier: 1

Instrument :

MSVOA_N

Client Sample Id :

VSTDIC020

Manual Integrations

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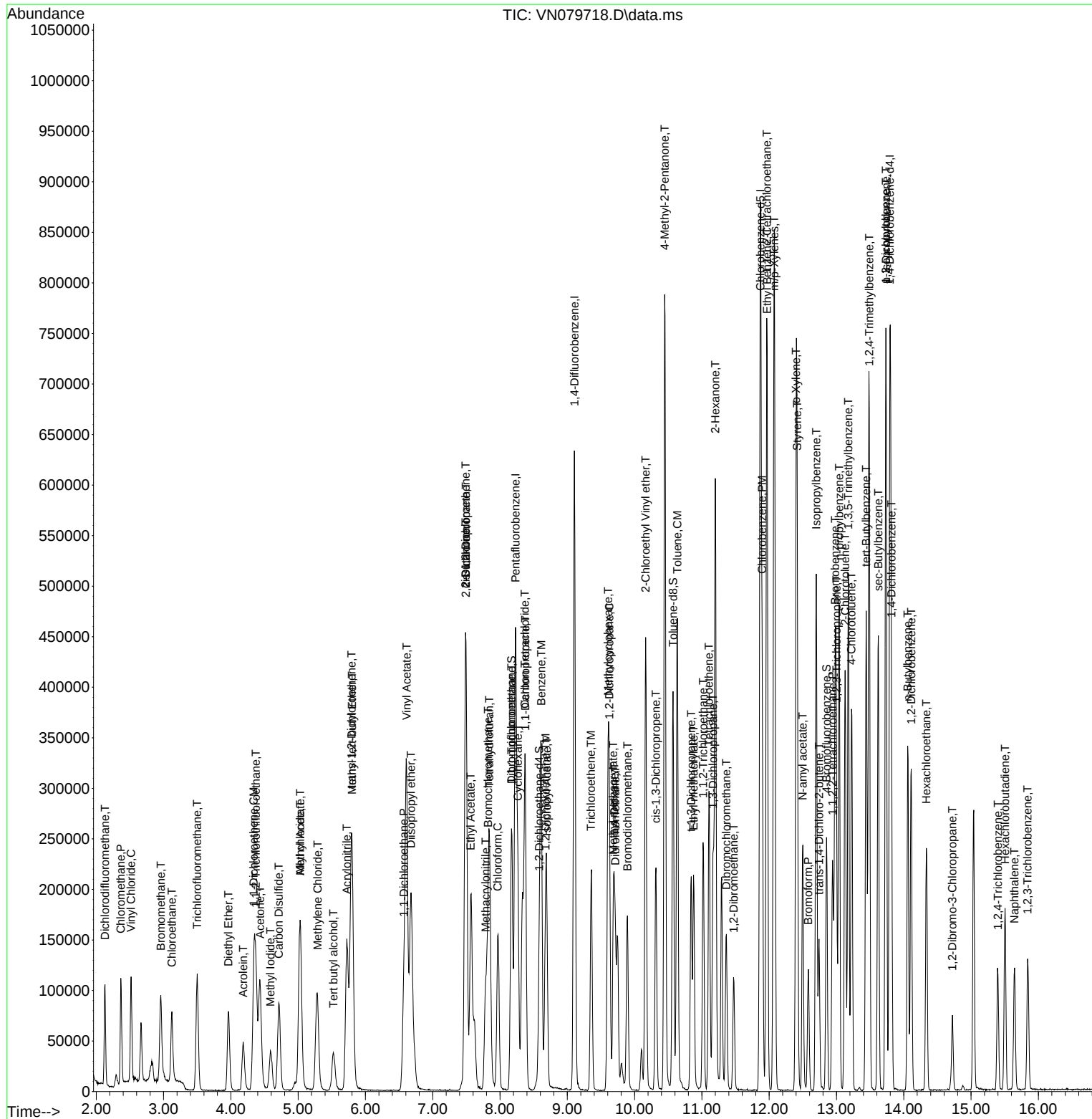
Quant Time: Oct 31 07:09:38 2023

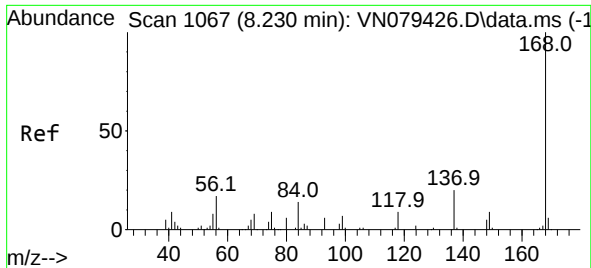
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Quant Title : SW846 8260

QLast Update : Tue Oct 31 07:05:58 2023

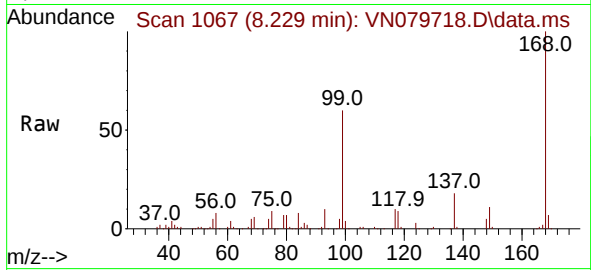
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079718.D
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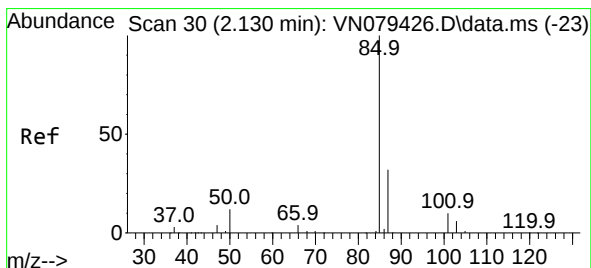
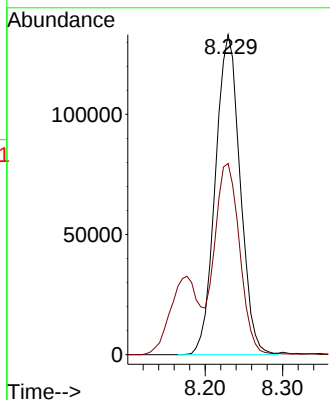
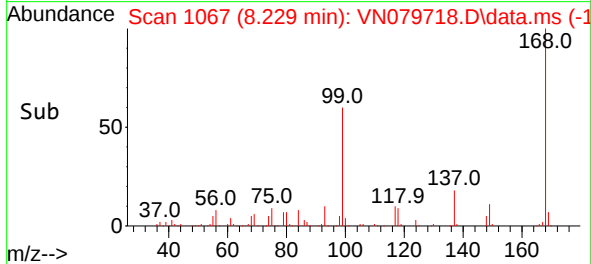
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 295733
Ion Ratio Lower Upper
168 100
99 59.4 53.0 79.6

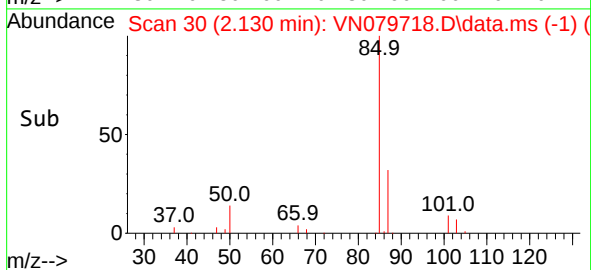
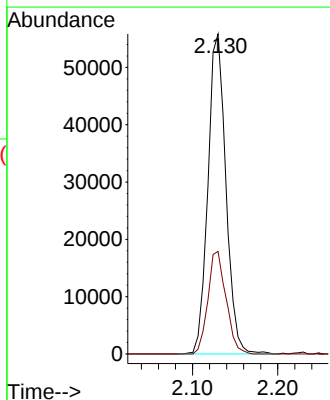
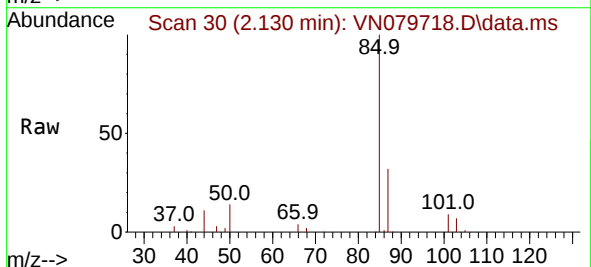
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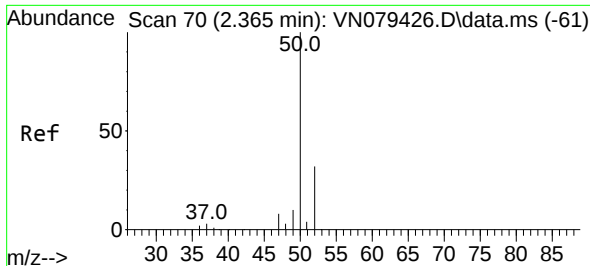
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#2
Dichlorodifluoromethane
Concen: 20.935 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

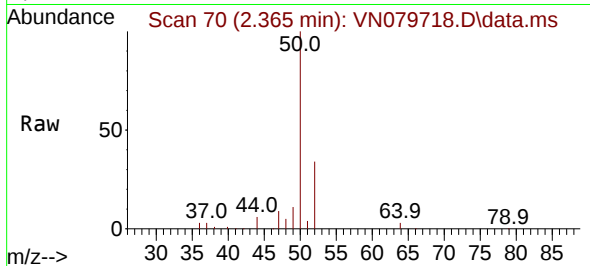
Tgt Ion: 85 Resp: 81731
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.4





#3
Chloromethane
Concen: 20.206 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

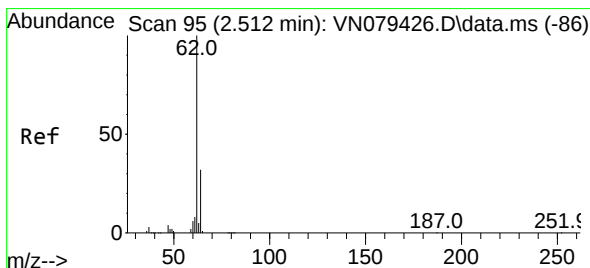
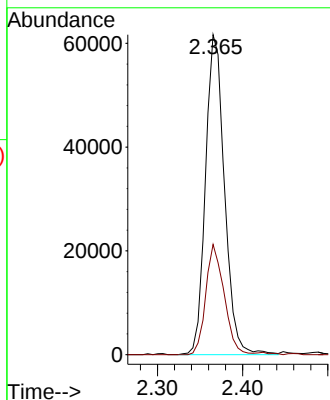
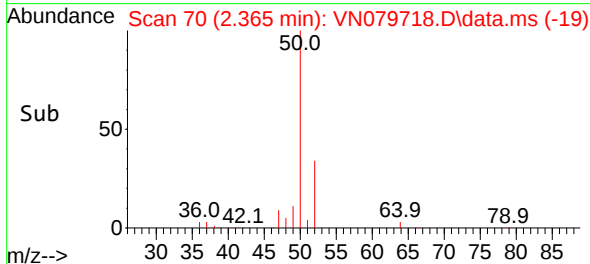
Instrument :
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Tgt Ion: 50 Resp: 9556
Ion Ratio Lower Upper
50 100
52 34.5 26.5 39.7

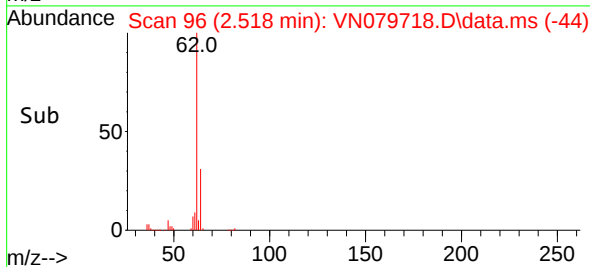
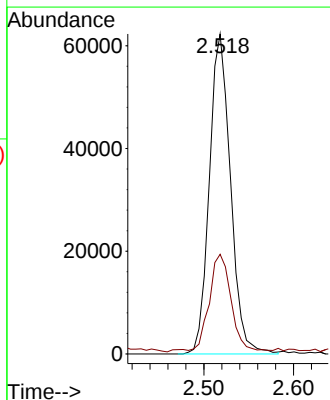
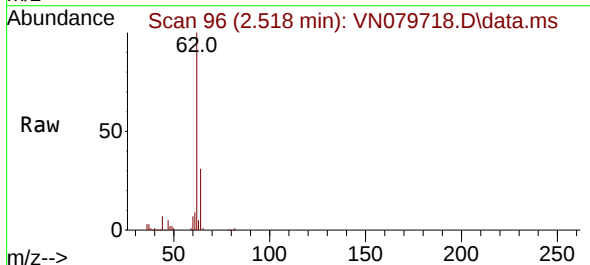
Manual Integrations
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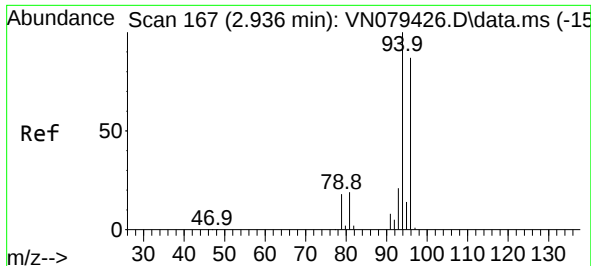
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#4
Vinyl Chloride
Concen: 20.033 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

Tgt Ion: 62 Resp: 102038
Ion Ratio Lower Upper
62 100
64 29.8 26.2 39.2





#5

Bromomethane

Concen: 20.915 ug/l

RT: 2.959 min Scan# 11

Delta R.T. 0.023 min

Lab File: VN079718.D

Acq: 30 Oct 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 94 Resp: 6992

Ion Ratio Lower Upper

94 100

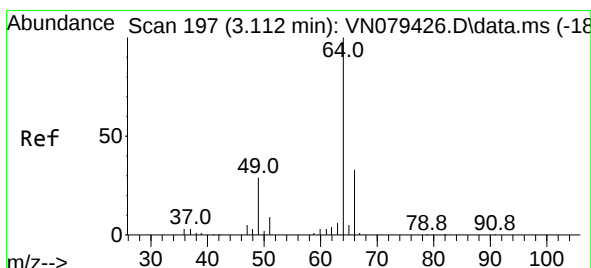
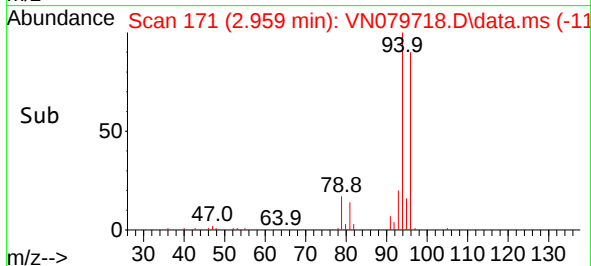
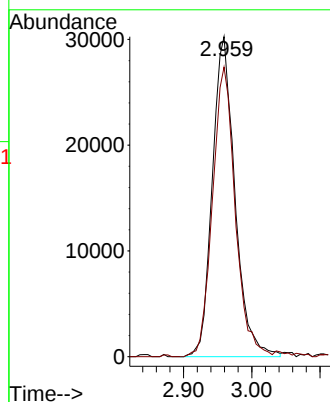
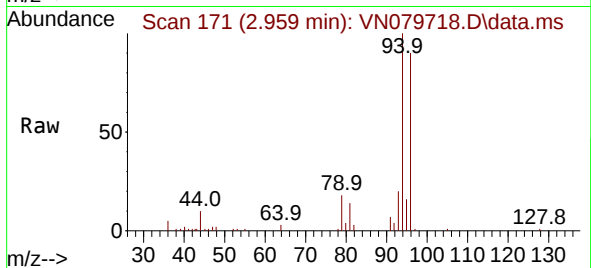
96 90.5 73.1 109.7

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#6

Chloroethane

Concen: 19.931 ug/l

RT: 3.124 min Scan# 199

Delta R.T. 0.012 min

Lab File: VN079718.D

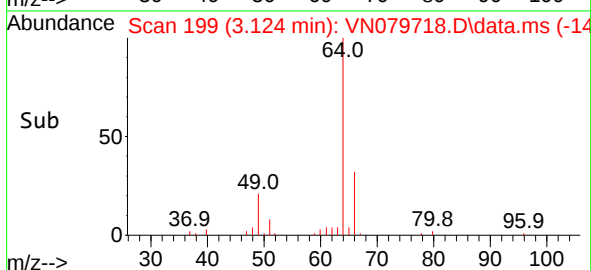
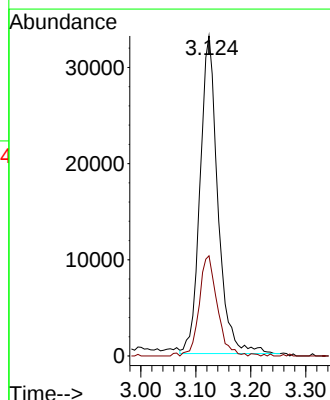
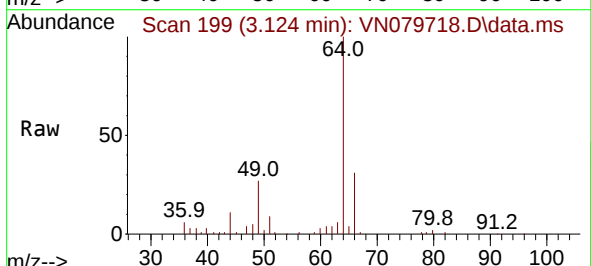
Acq: 30 Oct 2023 10:58

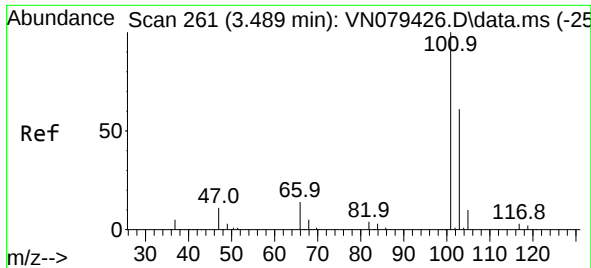
Tgt Ion: 64 Resp: 74367

Ion Ratio Lower Upper

64 100

66 31.6 25.4 38.2





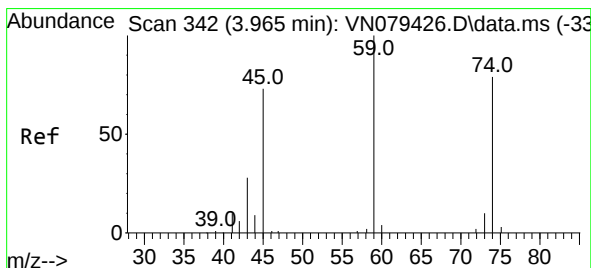
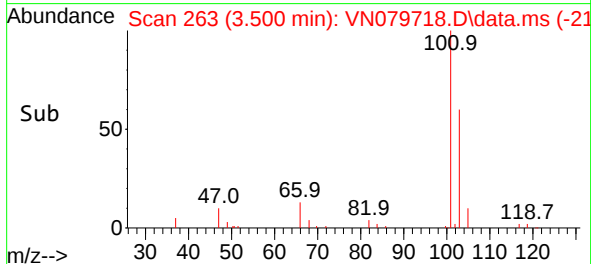
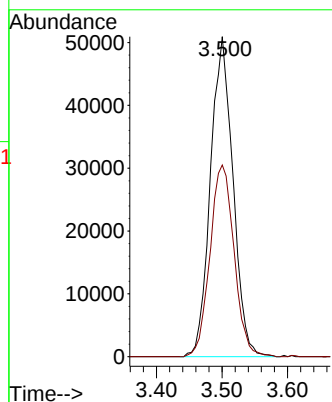
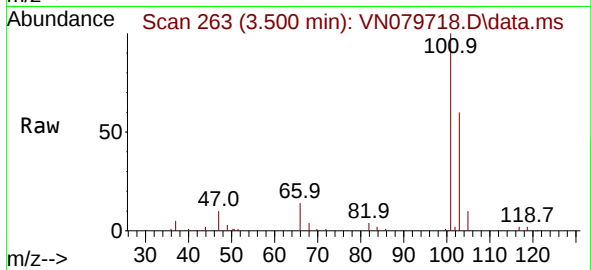
#7
Trichlorofluoromethane
Concen: 20.275 ug/l
RT: 3.500 min Scan# 261
Delta R.T. 0.011 min
Lab File: VN079718.D
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Instrument :
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ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 121438
Ion Ratio Lower Upper
101 100
103 59.9 50.7 76.1

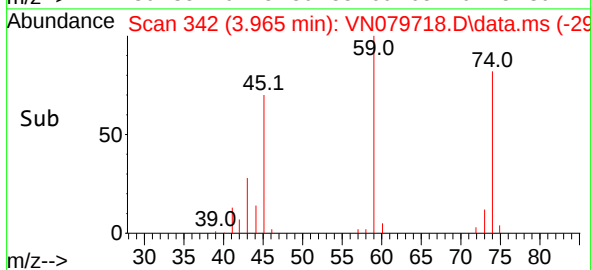
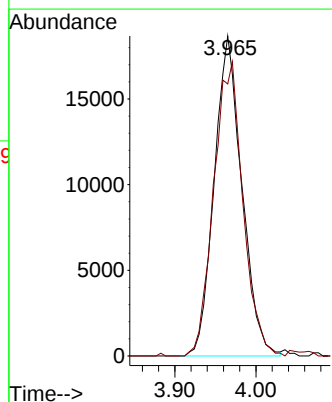
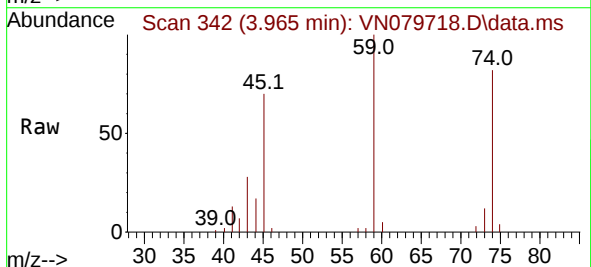
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#8
Diethyl Ether
Concen: 20.383 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

Tgt Ion: 74 Resp: 44180
Ion Ratio Lower Upper
74 100
45 97.3 34.4 103.3





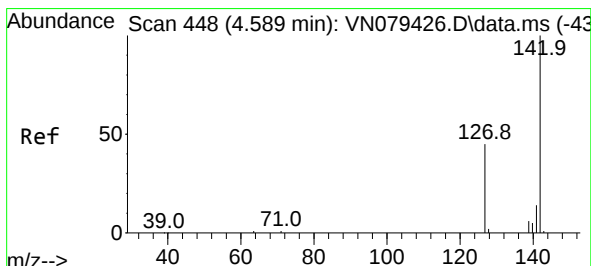
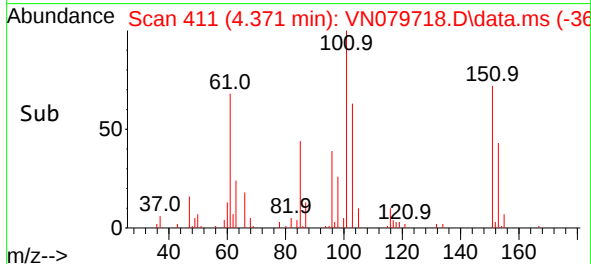
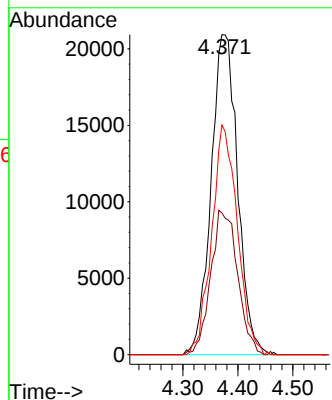
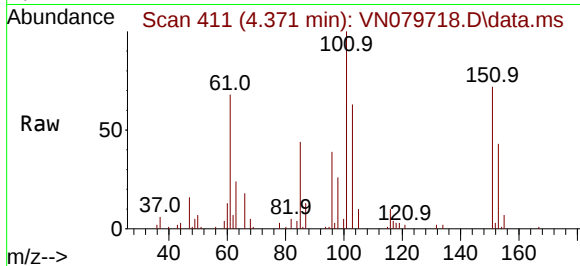
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.216 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 70130
Ion Ratio Lower Upper
101 100
85 45.8 36.6 55.0
151 69.4 57.6 86.4

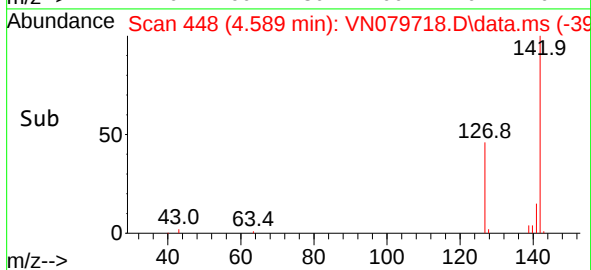
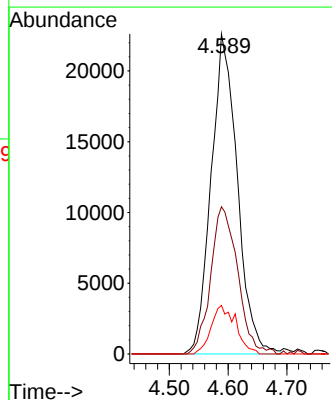
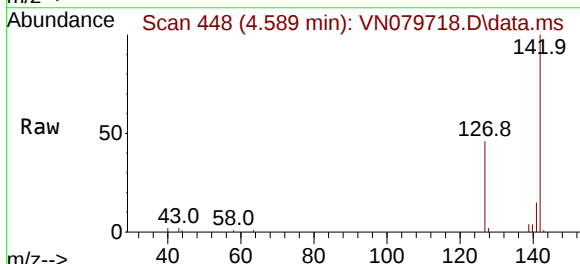
Manual Integrations
APPROVED

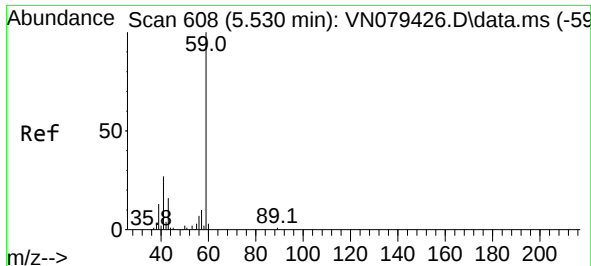
Reviewed By :John Carbone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#10
Methyl Iodide
Concen: 19.995 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

Tgt Ion:142 Resp: 69809
Ion Ratio Lower Upper
142 100
127 46.0 37.6 56.4
141 15.2 11.4 17.0





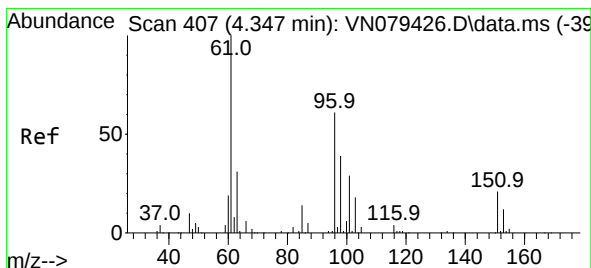
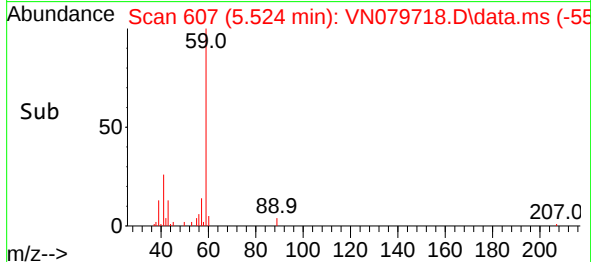
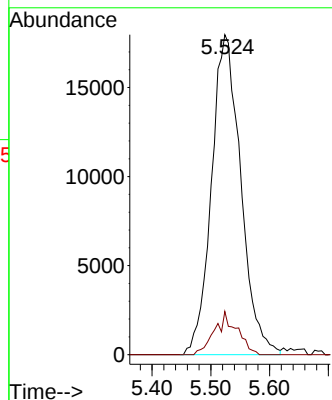
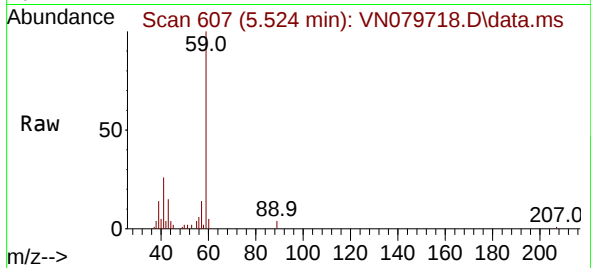
#11
Tert butyl alcohol
Concen: 98.740 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 6219
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

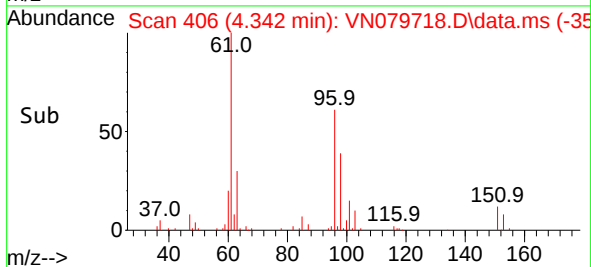
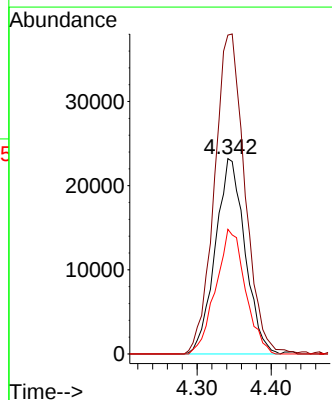
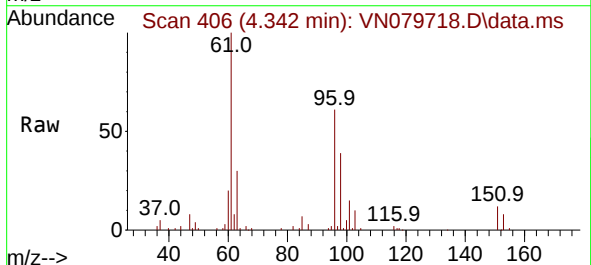
Manual Integrations
APPROVED

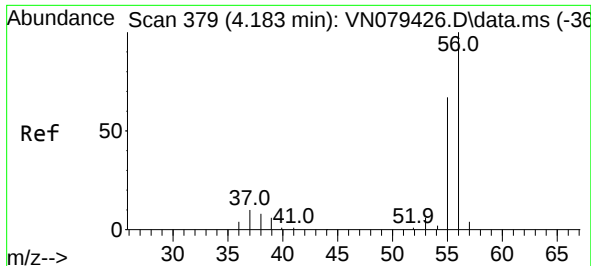
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#12
1,1-Dichloroethene
Concen: 19.853 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.005 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

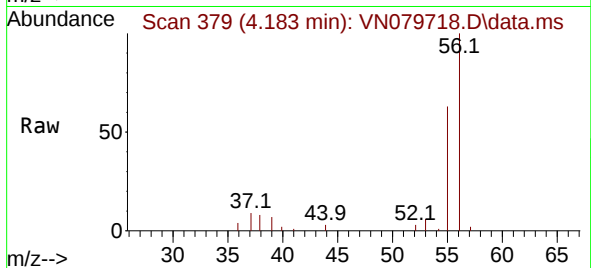
Tgt Ion: 96 Resp: 64507
Ion Ratio Lower Upper
96 100
61 163.2 112.7 169.1
98 63.8 51.2 76.8





#13
Acrolein
Concen: 94.532 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

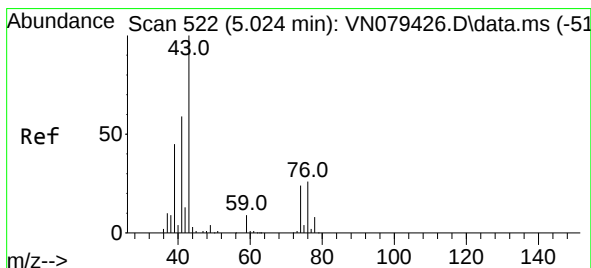
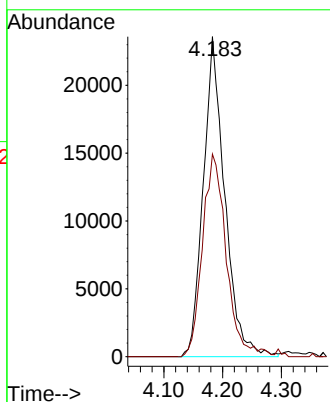
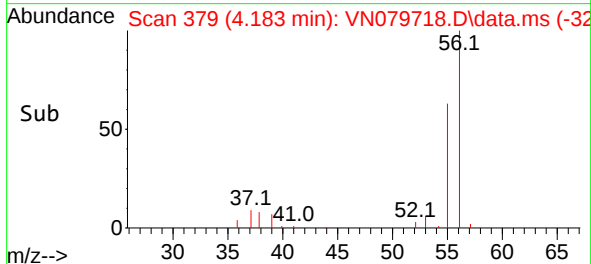
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 59900
Ion Ratio Lower Upper
56 100
55 70.0 54.5 81.7

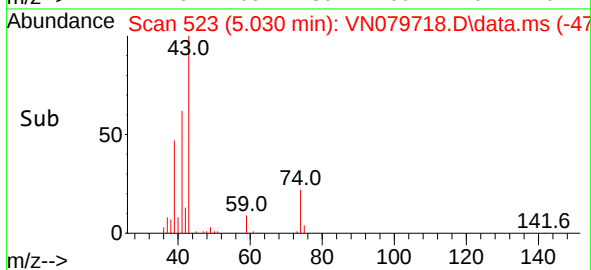
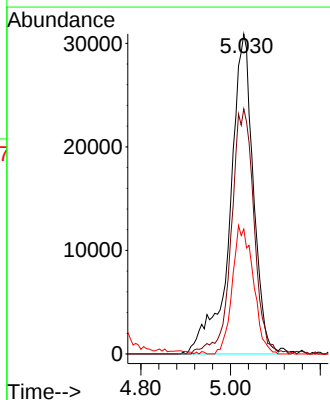
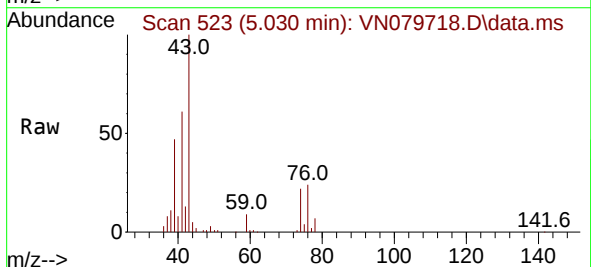
Manual Integrations
APPROVED

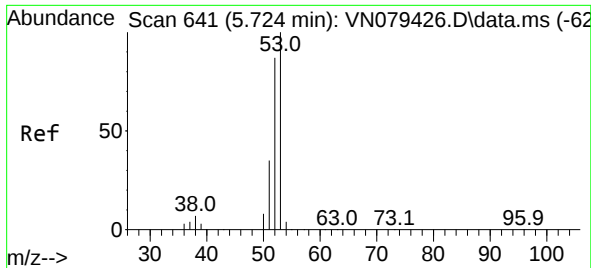
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#14
Allyl chloride
Concen: 20.528 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

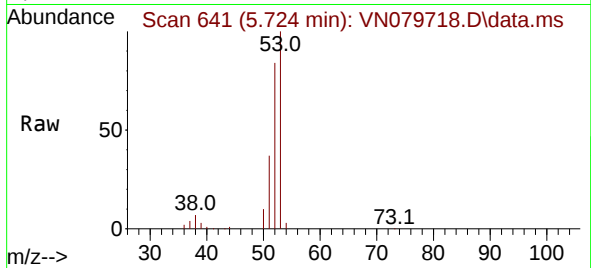
Tgt Ion: 41 Resp: 111858
Ion Ratio Lower Upper
41 100
39 74.1 58.8 88.2
76 35.9 39.1 58.7#





#15
Acrylonitrile
Concen: 100.508 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

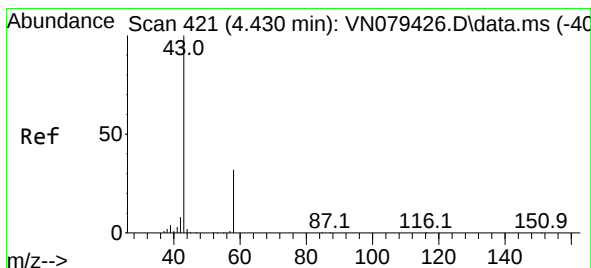
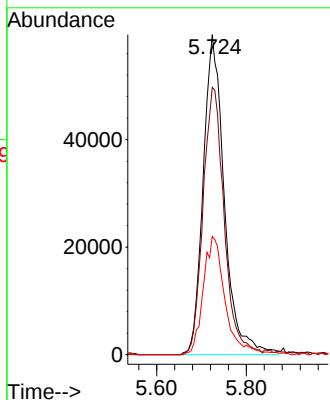
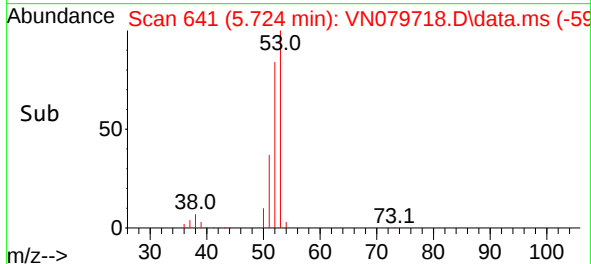
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



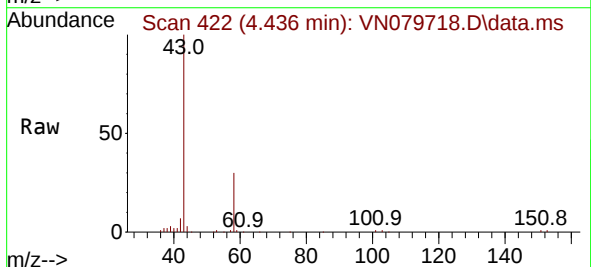
Tgt Ion: 53 Resp: 194810
Ion Ratio Lower Upper
53 100
52 83.3 65.3 97.9
51 38.0 28.9 43.3

Manual Integrations
APPROVED

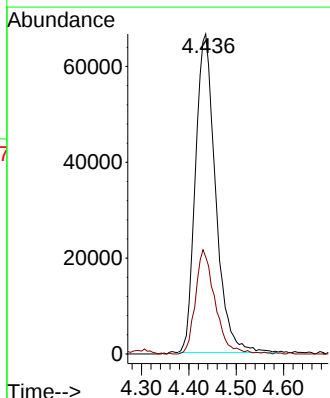
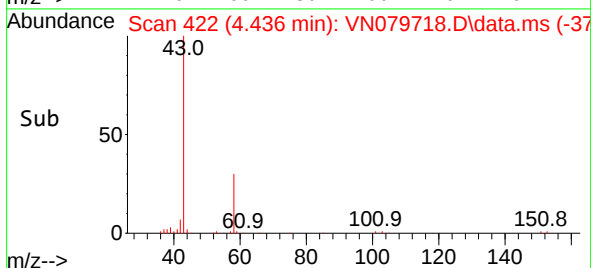
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

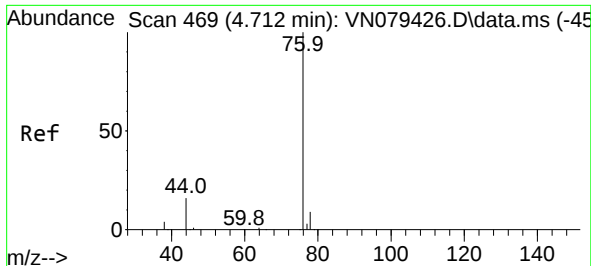


#16
Acetone
Concen: 96.539 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58



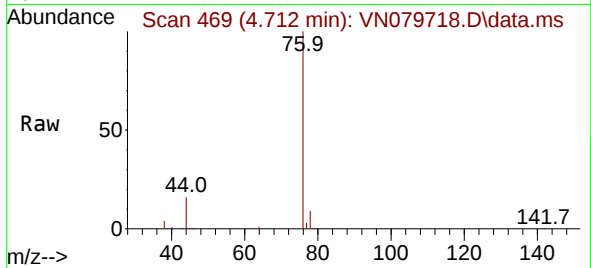
Tgt Ion: 43 Resp: 196152
Ion Ratio Lower Upper
43 100
58 30.4 28.0 42.0





#17
Carbon Disulfide
Concen: 19.678 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

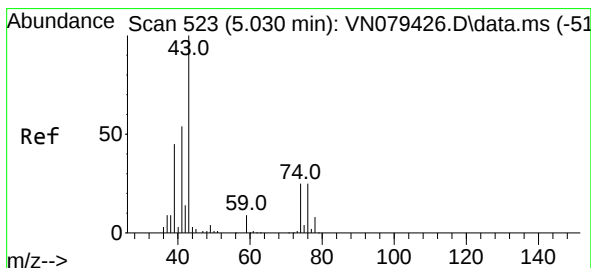
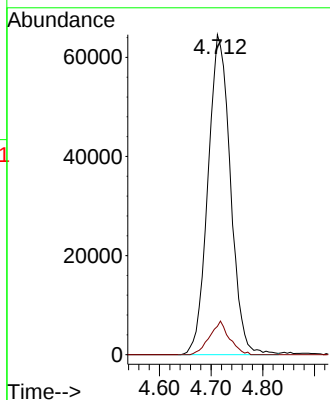
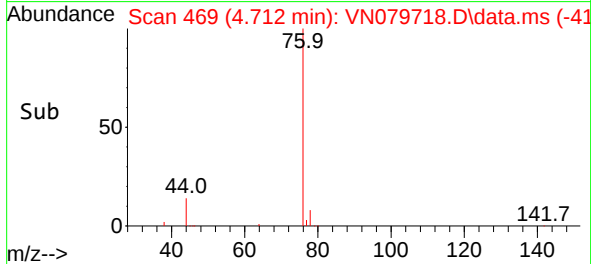
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 76 Resp: 195248
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

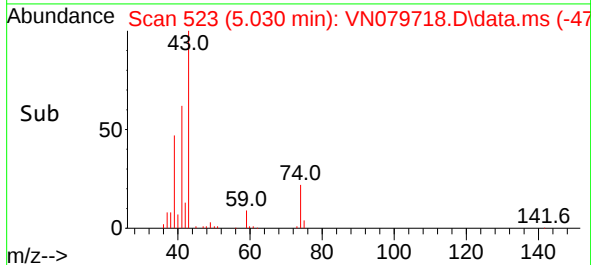
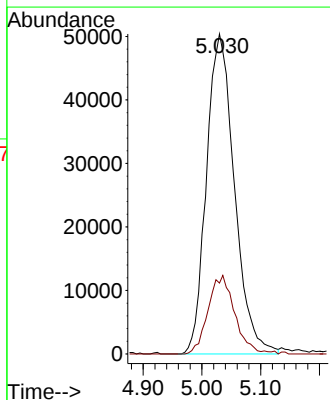
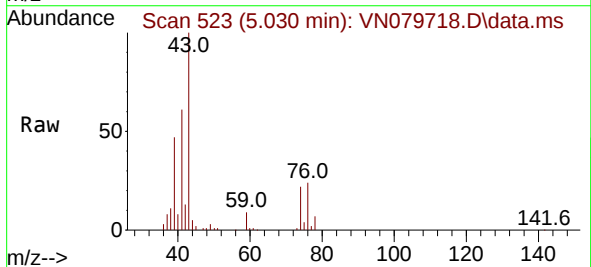
Manual Integrations
APPROVED

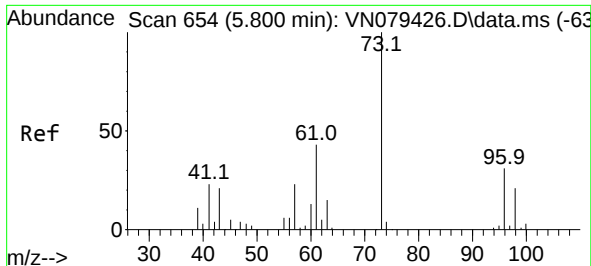
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#18
Methyl Acetate
Concen: 20.340 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

Tgt Ion: 43 Resp: 166733
Ion Ratio Lower Upper
43 100
74 23.5 26.2 39.4#





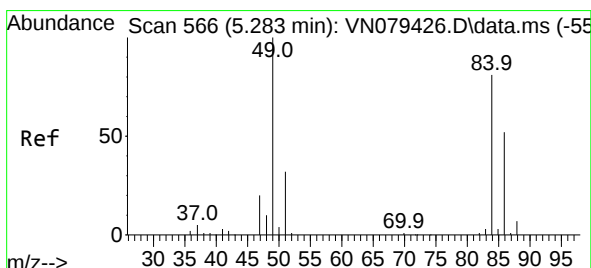
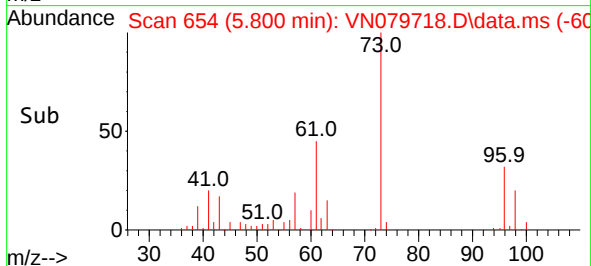
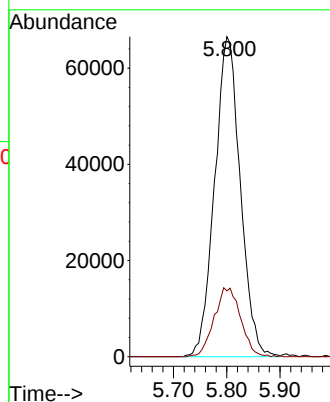
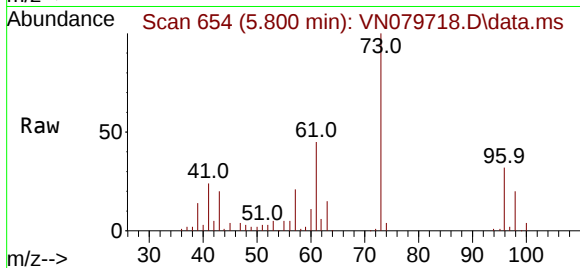
#19
Methyl tert-butyl Ether
Concen: 20.229 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 22239
Ion Ratio Lower Upper
73 100
57 20.5 15.6 23.4

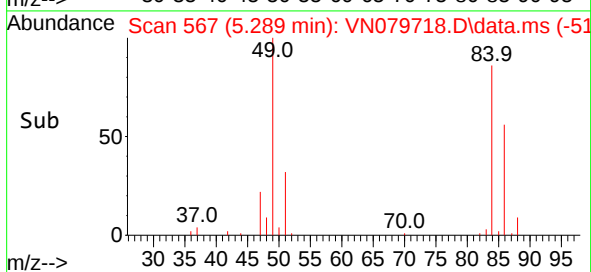
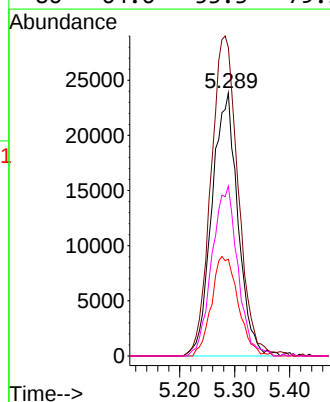
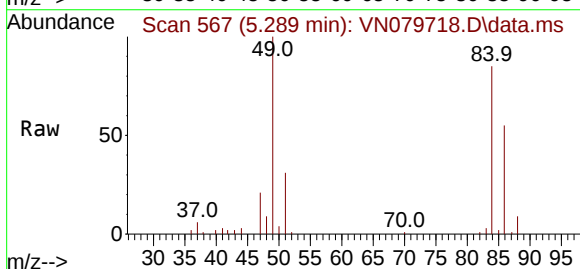
Manual Integrations
APPROVED

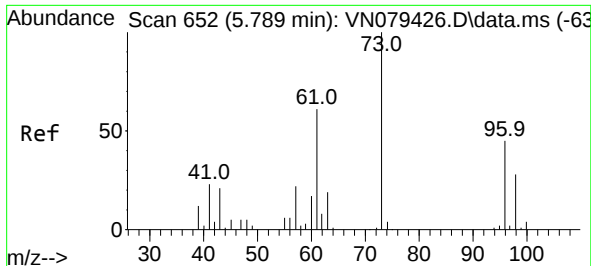
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#20
Methylene Chloride
Concen: 19.447 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

Tgt Ion: 84 Resp: 78244
Ion Ratio Lower Upper
84 100
49 117.2 79.7 119.5
51 36.8 25.2 37.8
86 64.6 53.3 79.9





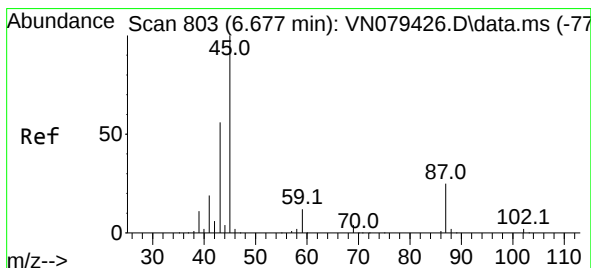
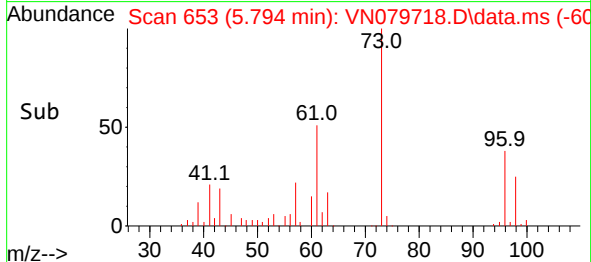
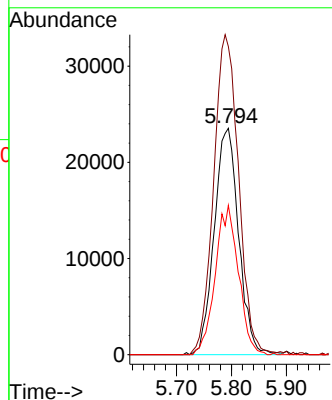
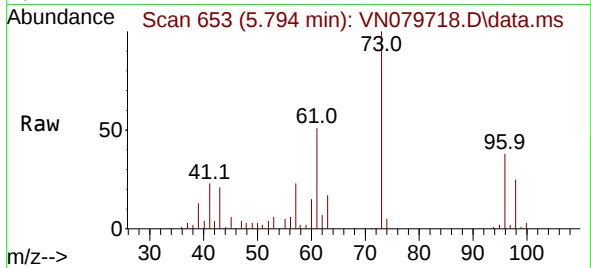
#21
trans-1,2-Dichloroethene
Concen: 19.726 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 7275
Ion Ratio Lower Upper
96 100
61 136.1 90.1 135.1
98 65.9 46.4 69.6

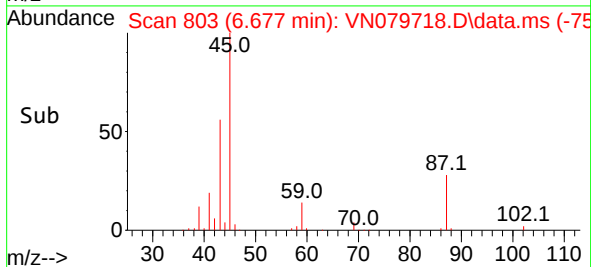
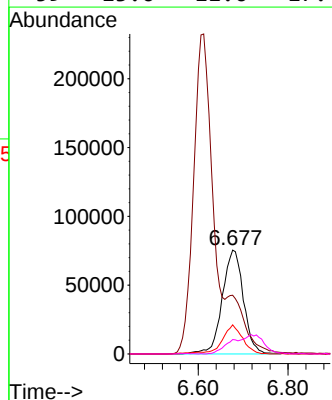
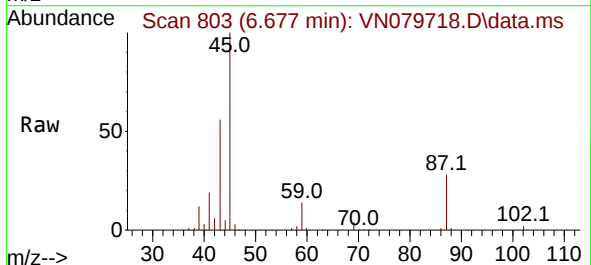
Manual Integrations
APPROVED

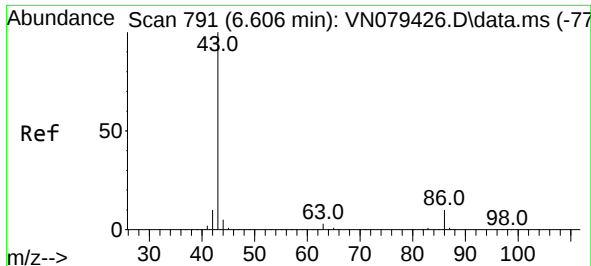
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#22
Diisopropyl ether
Concen: 20.207 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

Tgt Ion: 45 Resp: 247537
Ion Ratio Lower Upper
45 100
43 55.0 45.5 68.3
87 27.8 31.8 47.8#
59 13.6 11.6 17.4





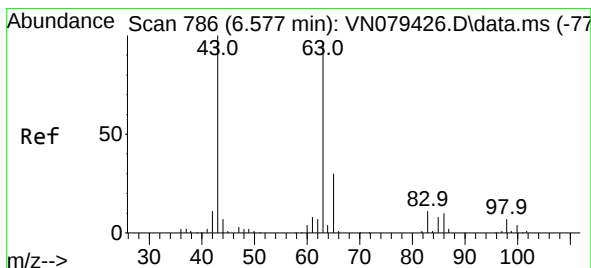
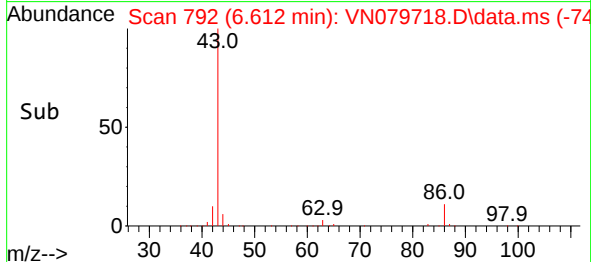
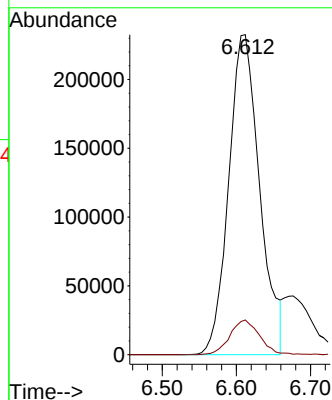
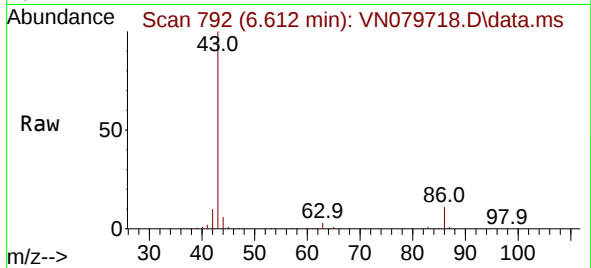
#23
 Vinyl Acetate
 Concen: 100.313 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN079718.D
 Acq: 30 Oct 2023 10:58

Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC020

Tgt Ion: 43 Resp: 67656
 Ion Ratio Lower Upper
 43 100
 86 10.9 13.0 19.6

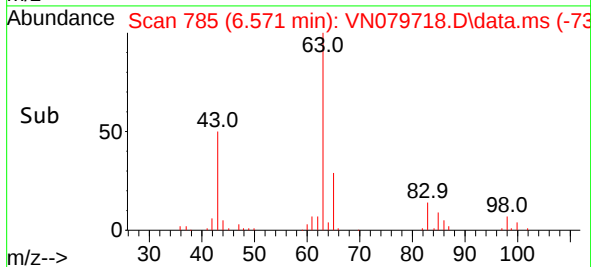
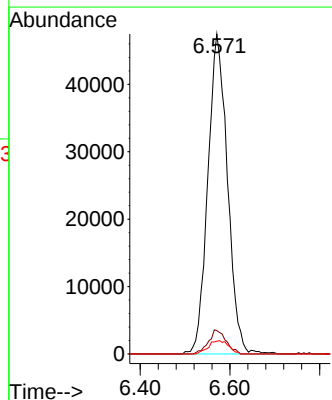
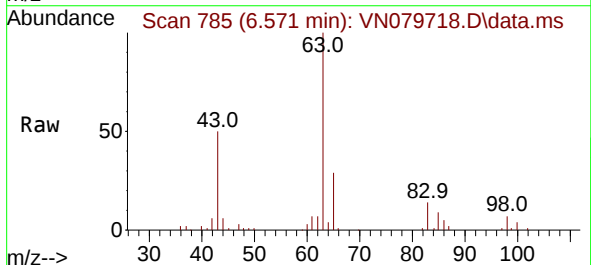
Manual Integrations
 APPROVED

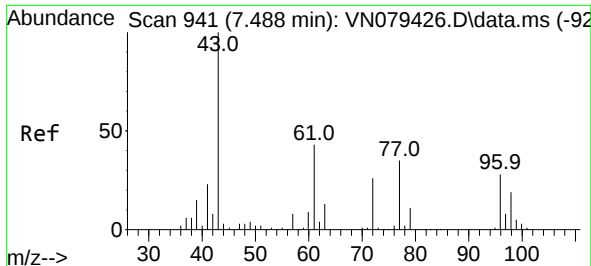
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#24
 1,1-Dichloroethane
 Concen: 19.637 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079718.D
 Acq: 30 Oct 2023 10:58

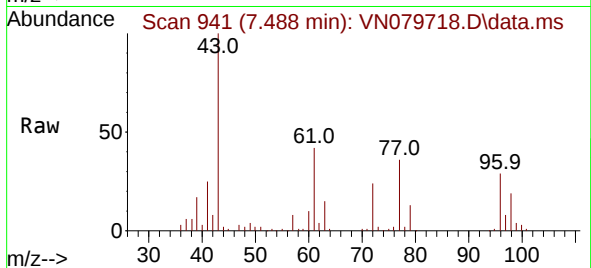
Tgt Ion: 63 Resp: 144146
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 4.0 2.5 7.4





#25
2-Butanone
Concen: 99.778 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

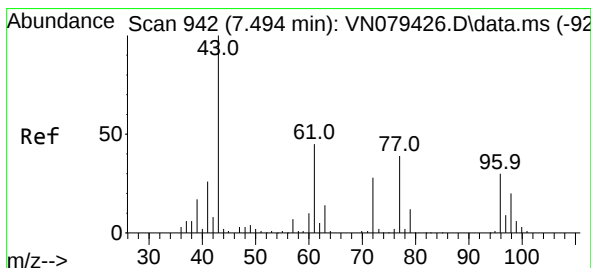
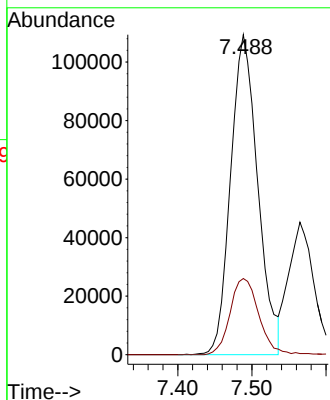
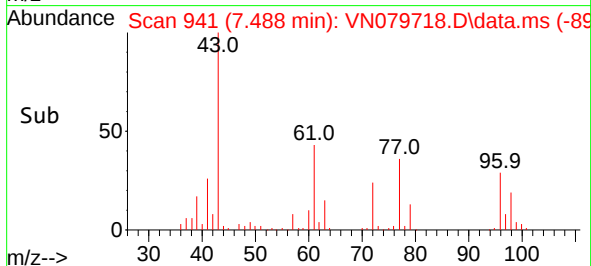
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 278470
Ion Ratio Lower Upper
43 100
72 23.8 30.2 45.2

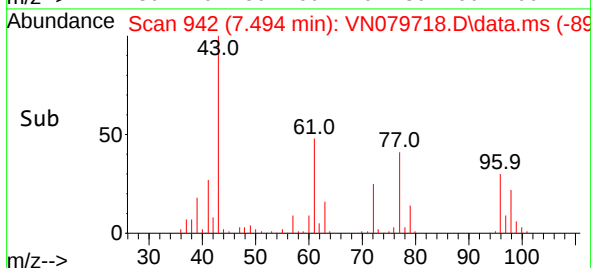
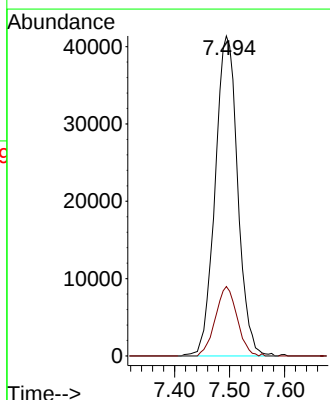
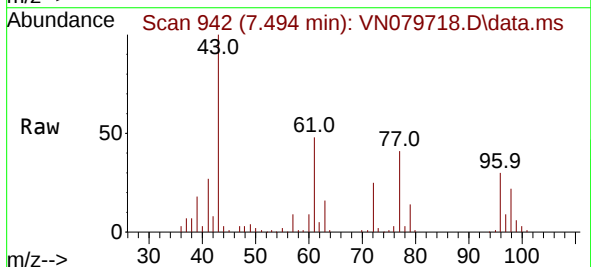
Manual Integrations
APPROVED

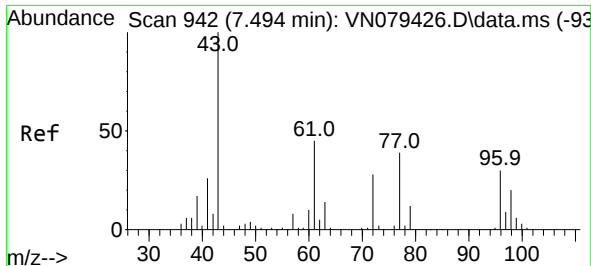
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#26
2,2-Dichloropropane
Concen: 19.861 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

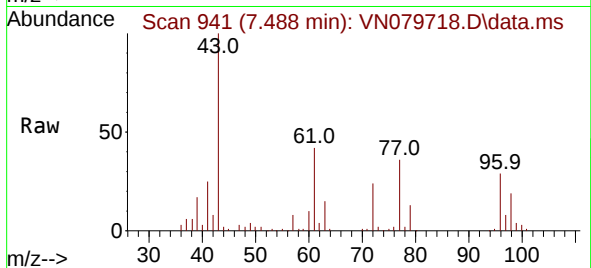
Tgt Ion: 77 Resp: 117973
Ion Ratio Lower Upper
77 100
97 20.9 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.703 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079718.D
 Acq: 30 Oct 2023 10:58

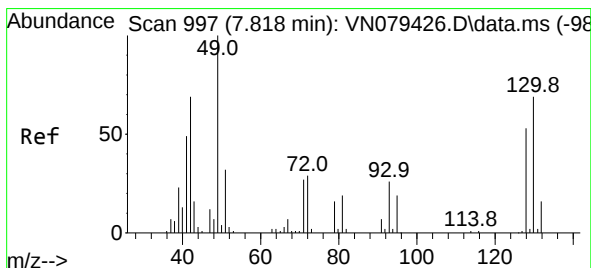
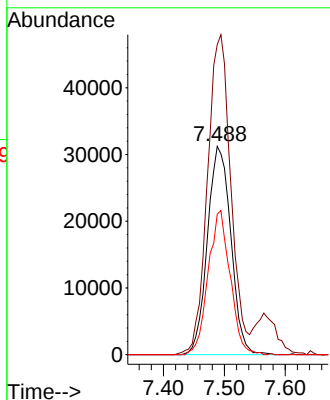
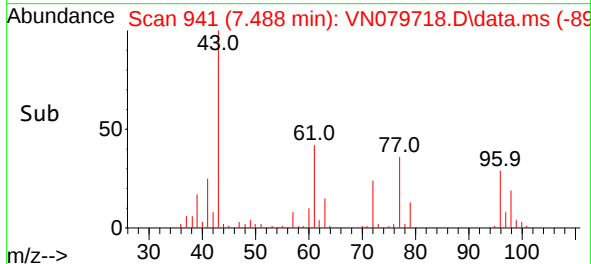
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



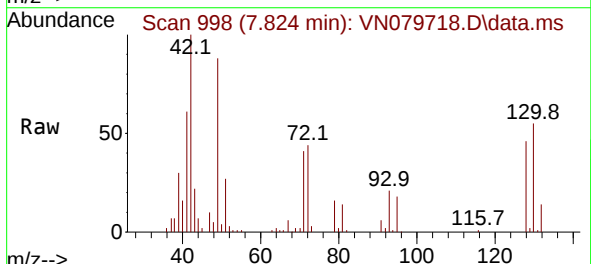
Tgt Ion: 96 Resp: 8366
 Ion Ratio Lower Upper
 96 100
 61 152.8 0.0 255.2
 98 64.7 0.0 128.8

Manual Integrations
 APPROVED

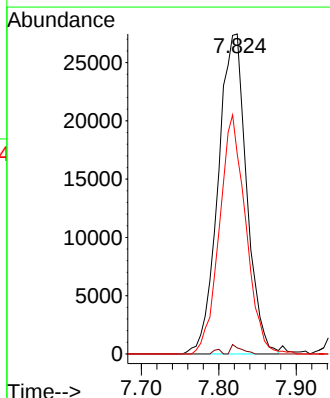
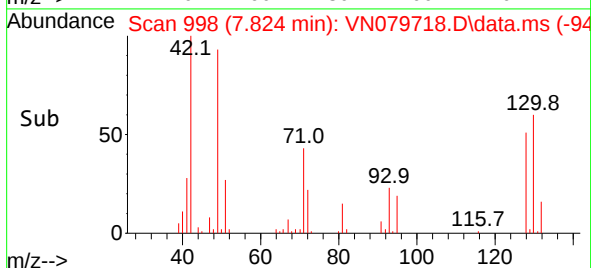
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023

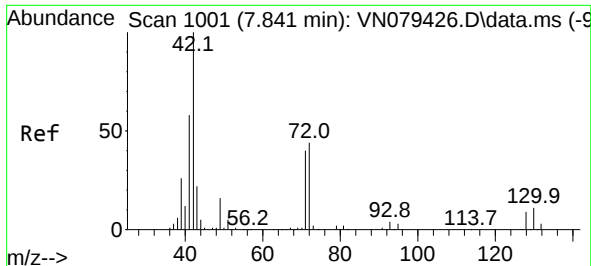


#28
 Bromochloromethane
 Concen: 19.532 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN079718.D
 Acq: 30 Oct 2023 10:58



Tgt Ion: 49 Resp: 70129
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.8
 130 69.2 75.3 112.9#





#29

Tetrahydrofuran

Concen: 103.625 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079718.D

Acq: 30 Oct 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

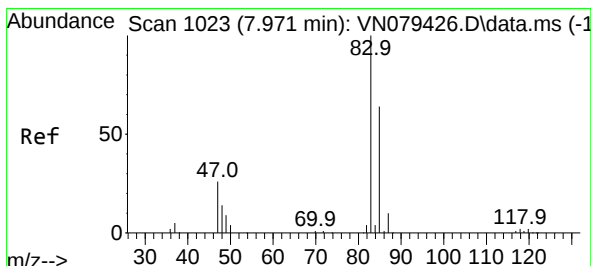
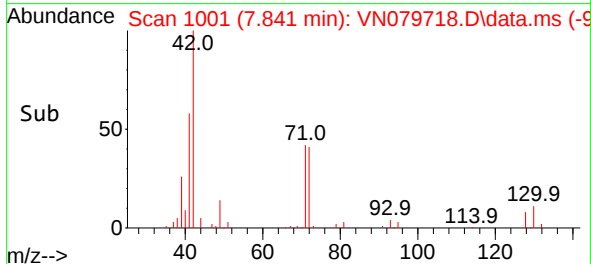
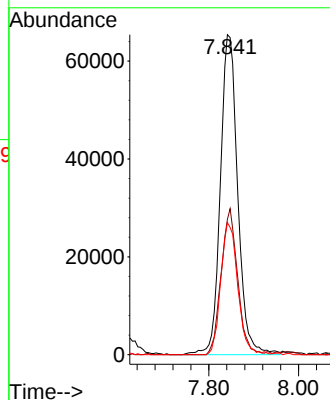
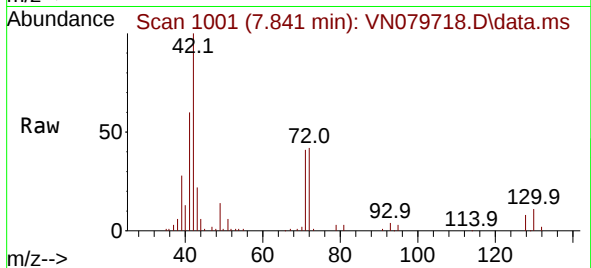
Tgt Ion: 42 Resp: 17668
 Ion Ratio Lower Upper
 42 100
 72 43.2 49.8 74.6
 71 40.2 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#30

Chloroform

Concen: 20.114 ug/l

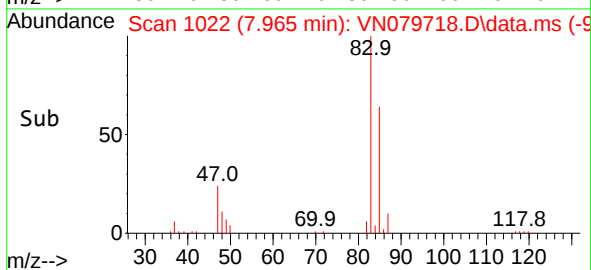
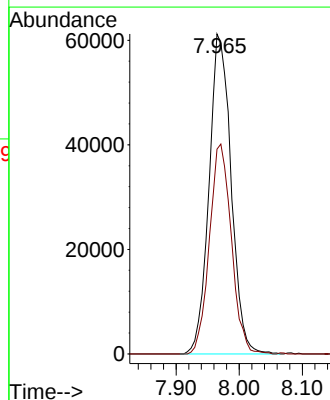
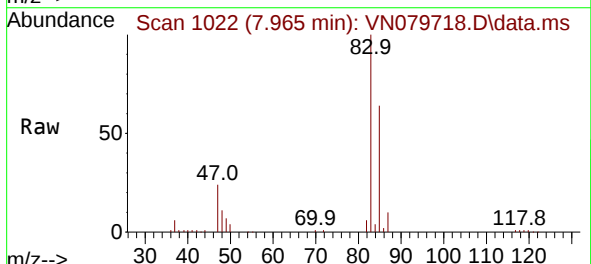
RT: 7.965 min Scan# 1022

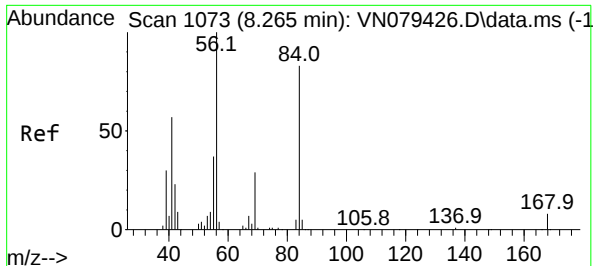
Delta R.T. -0.006 min

Lab File: VN079718.D

Acq: 30 Oct 2023 10:58

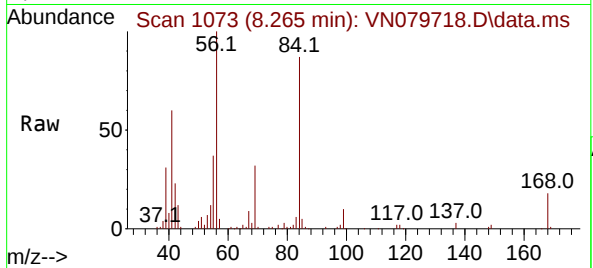
Tgt Ion: 83 Resp: 148675
 Ion Ratio Lower Upper
 83 100
 85 64.0 55.4 83.0





#31
Cyclohexane
Concen: 19.001 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

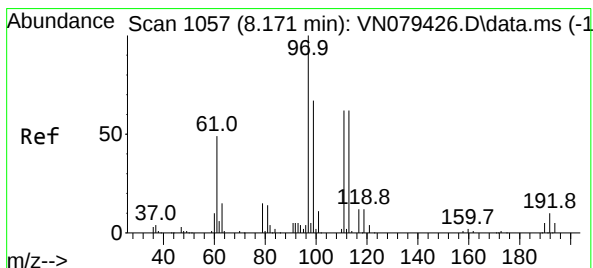
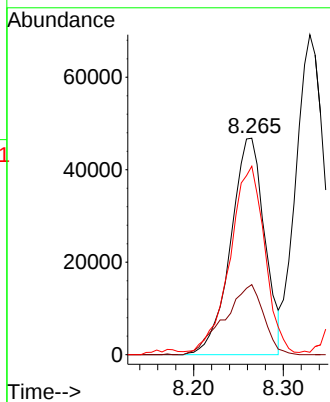
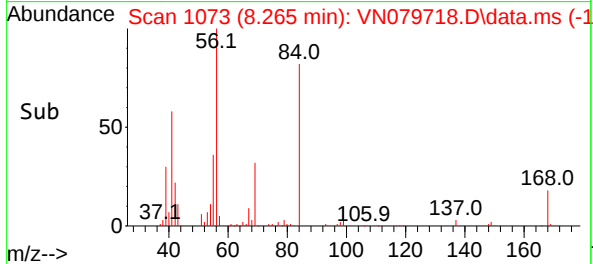
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



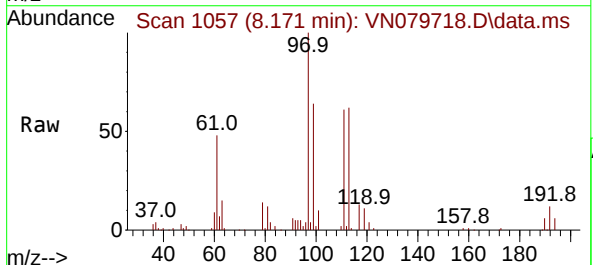
Tgt Ion: 56 Resp: 12311
Ion Ratio Lower Upper
56 100
69 31.7 26.8 40.2
84 85.5 81.8 122.6

Manual Integrations
APPROVED

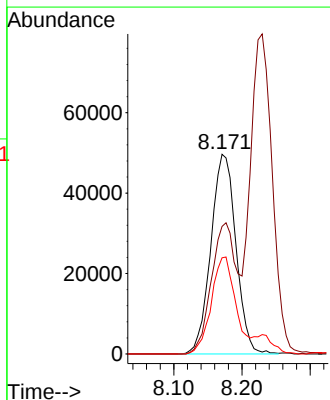
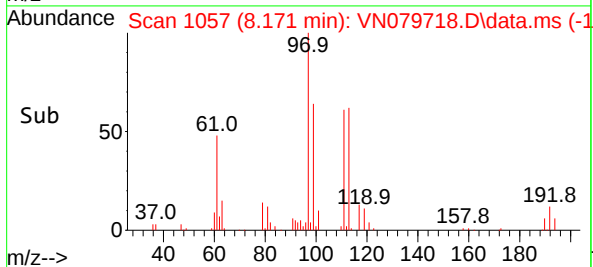
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

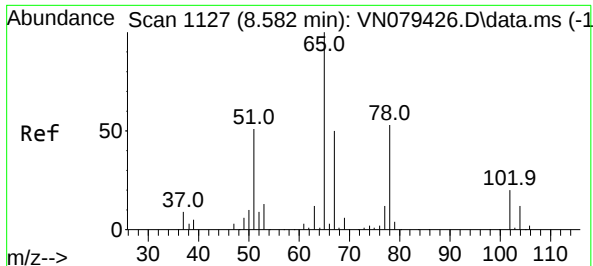


#32
1,1,1-Trichloroethane
Concen: 19.858 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58



Tgt Ion: 97 Resp: 127248
Ion Ratio Lower Upper
97 100
99 67.7 50.3 75.5
61 47.1 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 19.070 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

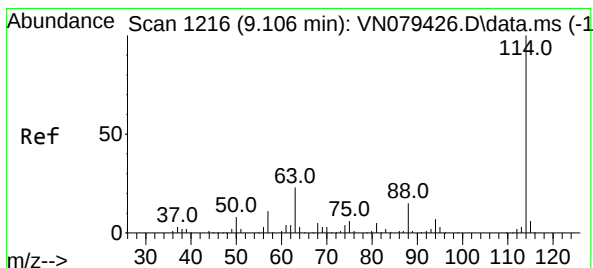
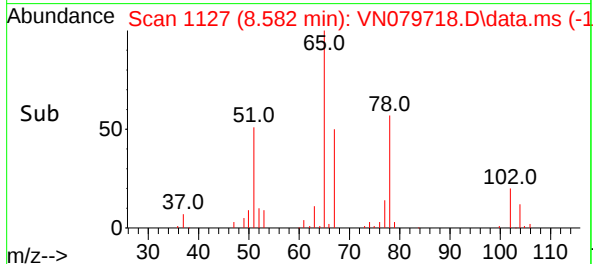
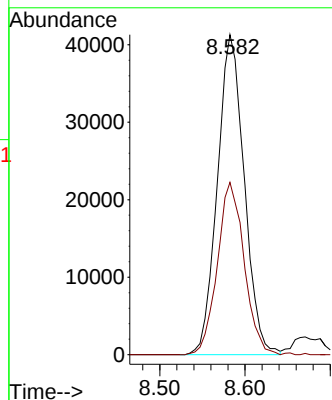
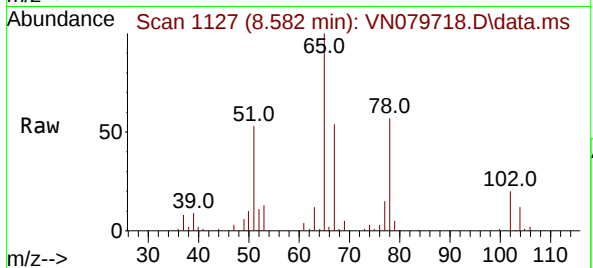
VSTDIC020

Tgt Ion: 65 Resp: 9056
Ion Ratio Lower Upper
65 100
67 53.7 0.0 106.6

Manual Integrations

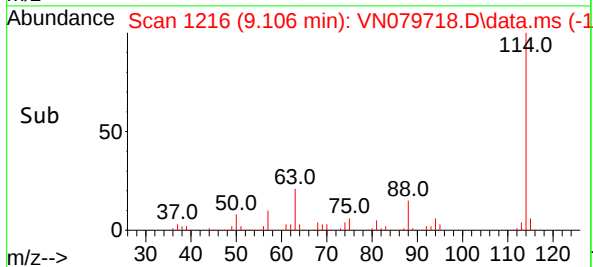
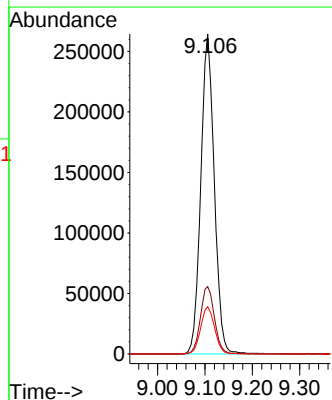
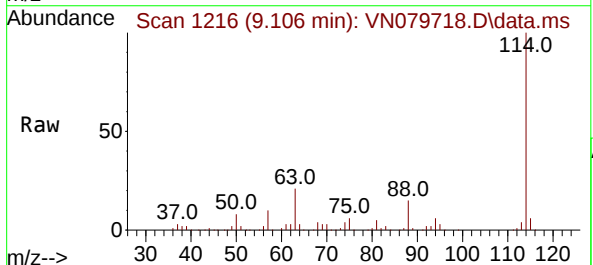
APPROVED

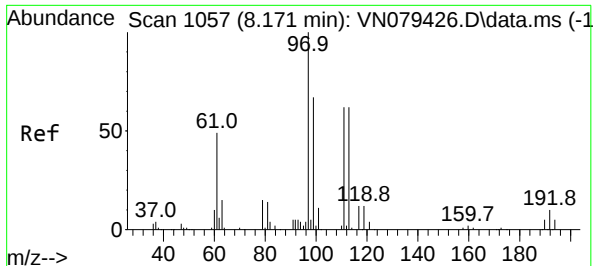
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

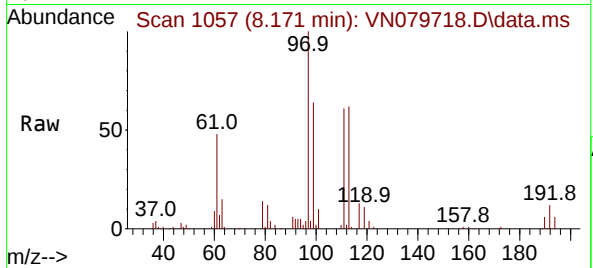
Tgt Ion:114 Resp: 522875
Ion Ratio Lower Upper
114 100
63 21.0 0.0 36.4
88 14.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 19.421 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

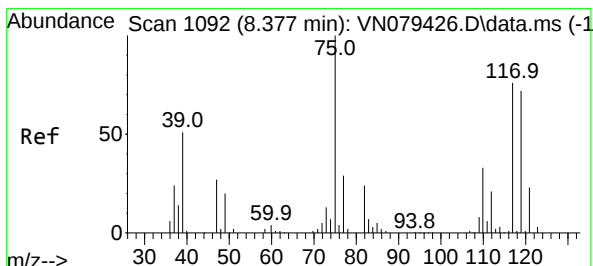
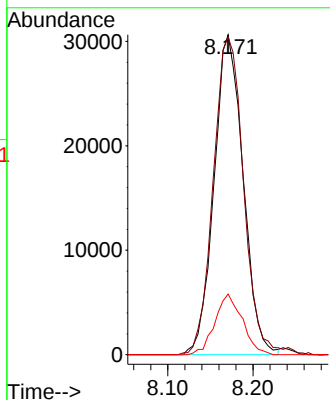
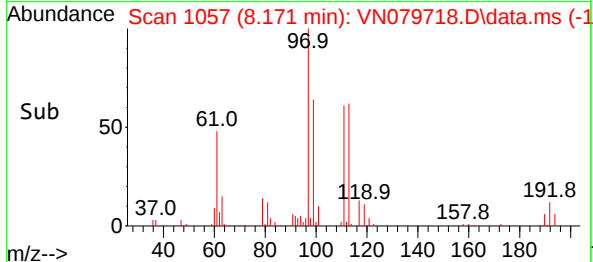
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



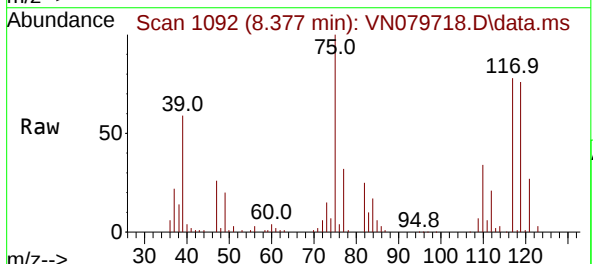
Tgt Ion: 113 Resp: 72562
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 17.9 12.7 19.1

Manual Integrations
APPROVED

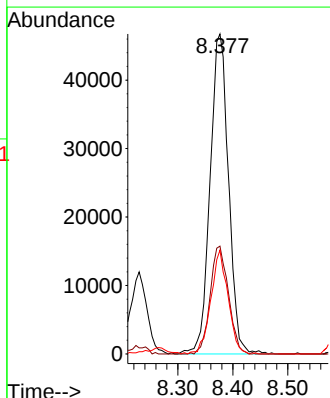
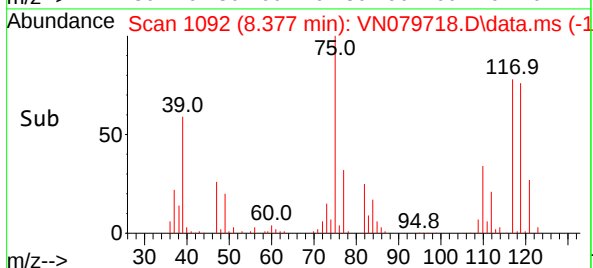
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

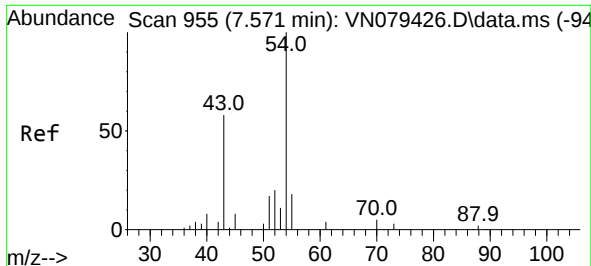


#36
1,1-Dichloropropene
Concen: 19.667 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58



Tgt Ion: 75 Resp: 109010
Ion Ratio Lower Upper
75 100
110 33.4 19.1 57.3
77 30.2 25.0 37.4





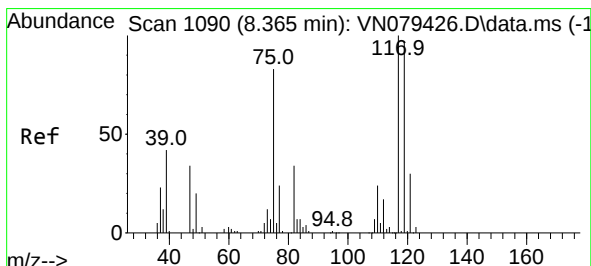
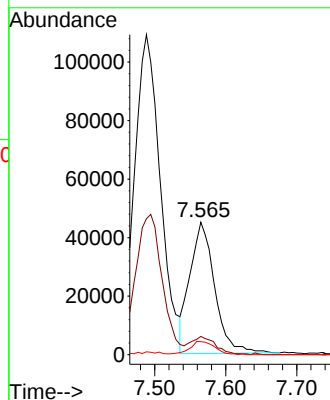
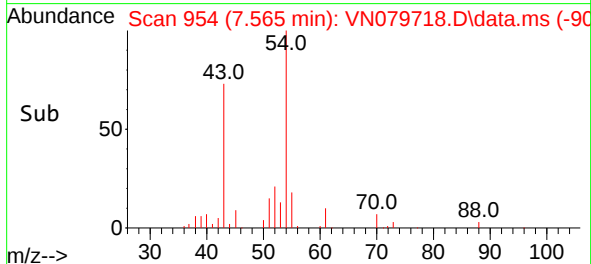
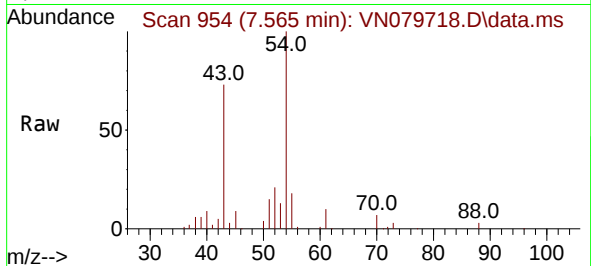
#37
Ethyl Acetate
Concen: 19.864 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 10913
Ion Ratio Lower Upper
43 100
61 13.8 13.2 19.8
70 10.3 11.3 16.9

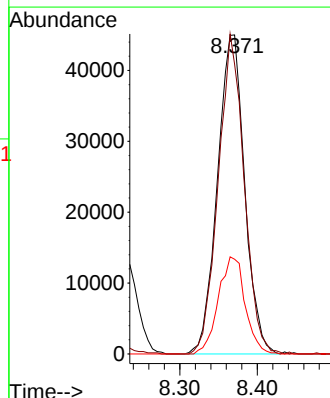
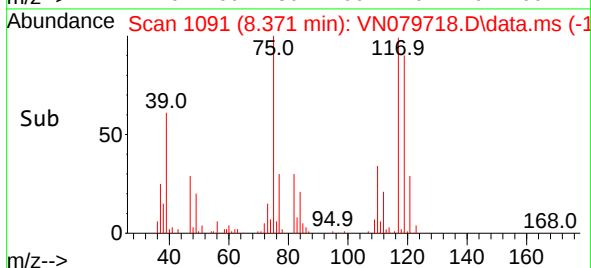
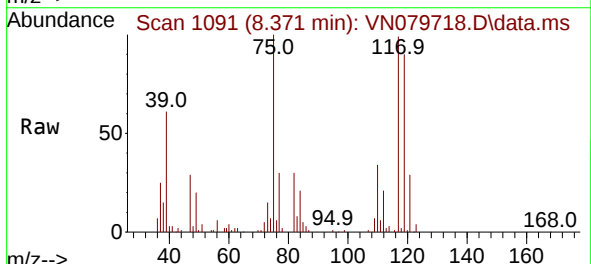
Manual Integrations
APPROVED

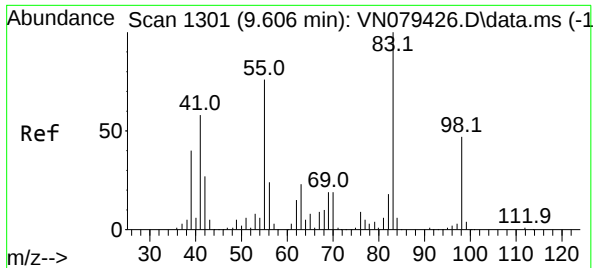
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#38
Carbon Tetrachloride
Concen: 19.891 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

Tgt Ion:117 Resp: 109943
Ion Ratio Lower Upper
117 100
119 90.8 77.3 115.9
121 29.7 23.3 34.9





#39
Methylcyclohexane
Concen: 19.343 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

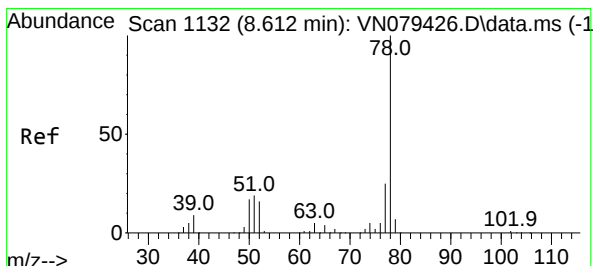
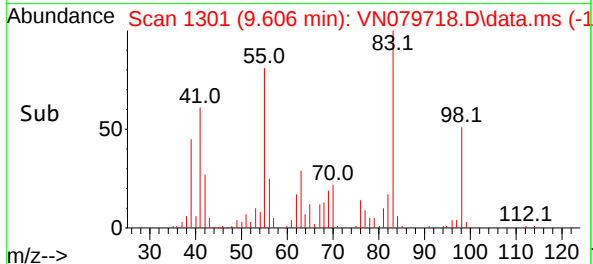
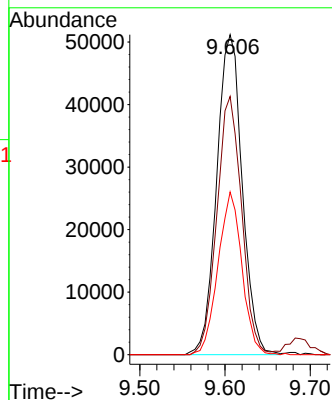
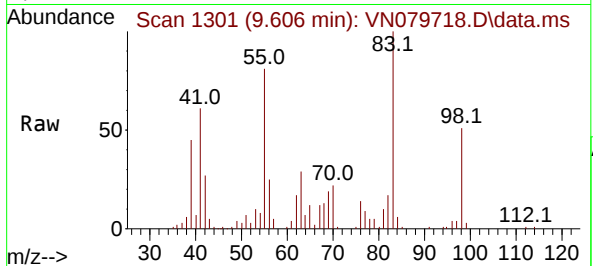
VSTDICC020

Tgt Ion: 83 Resp: 106642
Ion Ratio Lower Upper
83 100
55 80.7 49.1 73.7
98 50.9 40.6 61.0

Manual Integrations

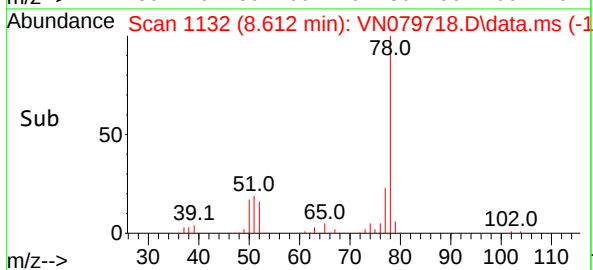
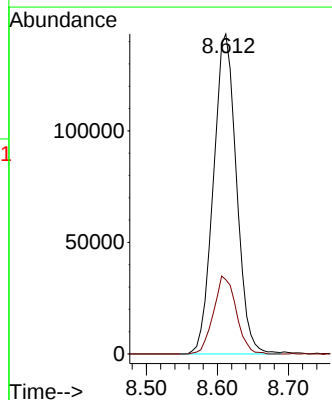
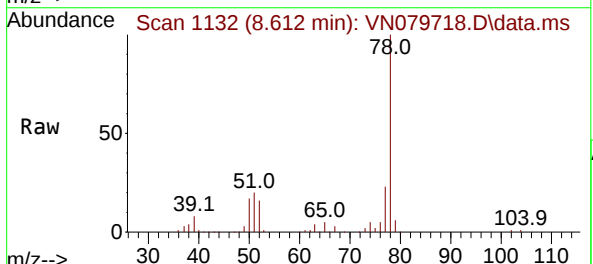
APPROVED

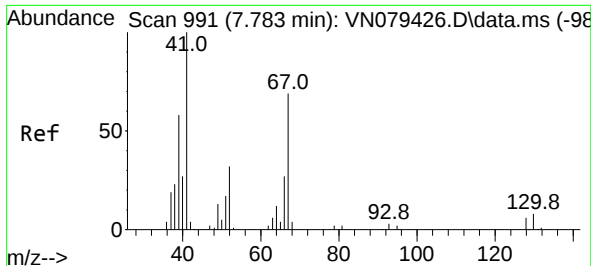
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#40
Benzene
Concen: 19.751 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

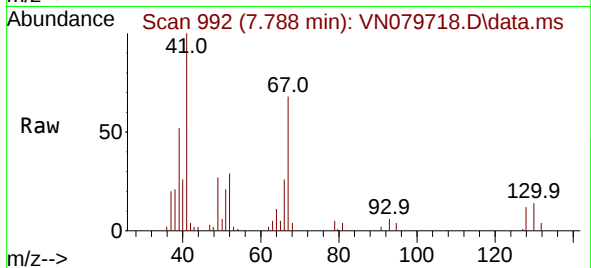
Tgt Ion: 78 Resp: 323106
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6





#41
Methacrylonitrile
Concen: 20.241 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.005 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

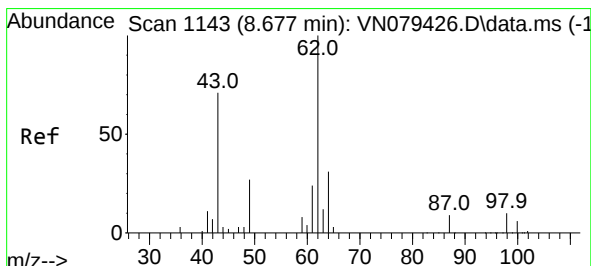
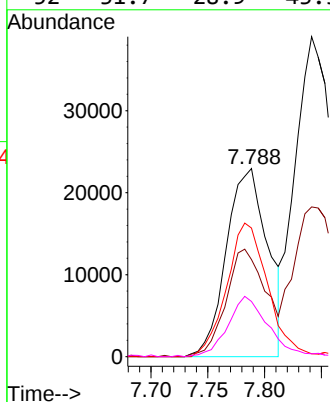
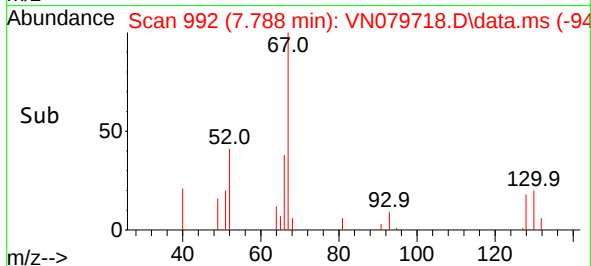
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 57999
Ion Ratio Lower Upper
41 100
39 55.4 42.6 64.0
67 70.4 77.5 116.3
52 31.7 28.9 43.3

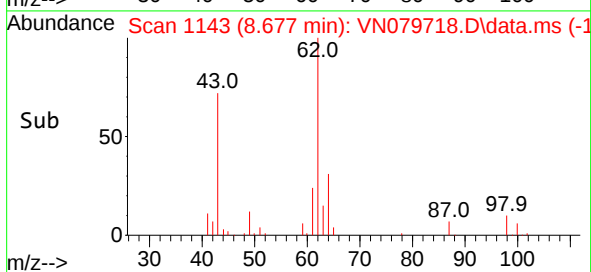
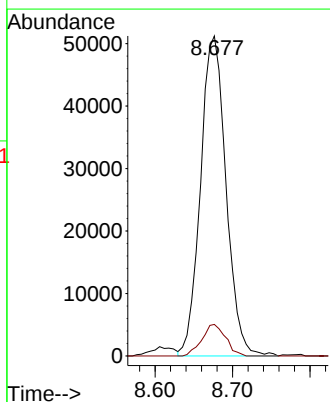
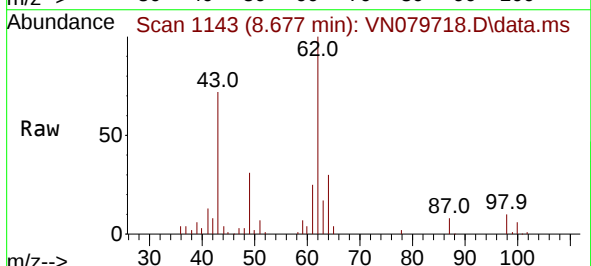
Manual Integrations
APPROVED

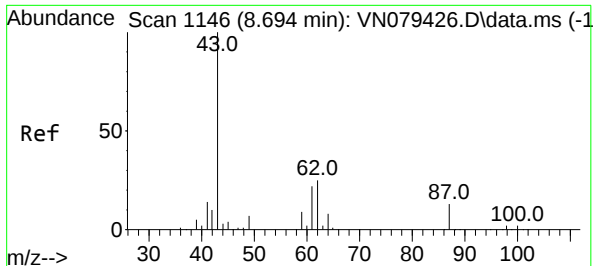
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#42
1,2-Dichloroethane
Concen: 19.745 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

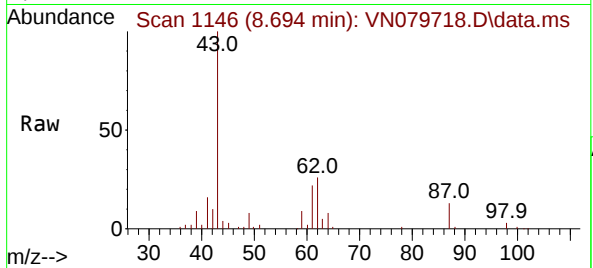
Tgt Ion: 62 Resp: 117318
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.8





#43
Isopropyl Acetate
Concen: 19.905 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

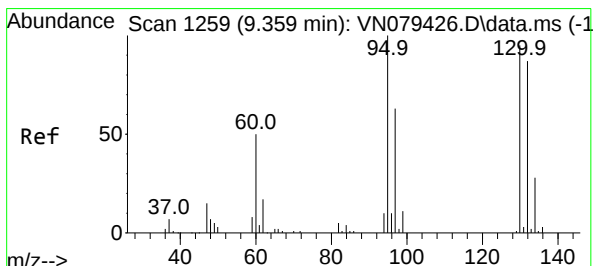
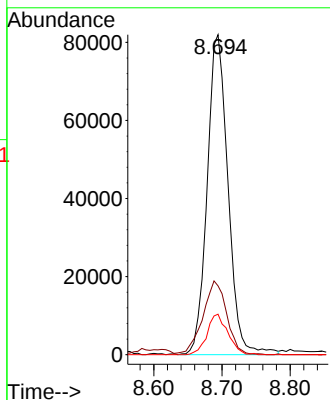
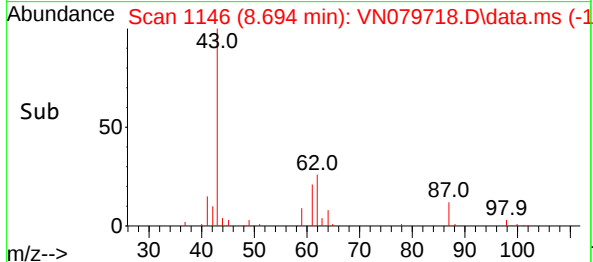
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



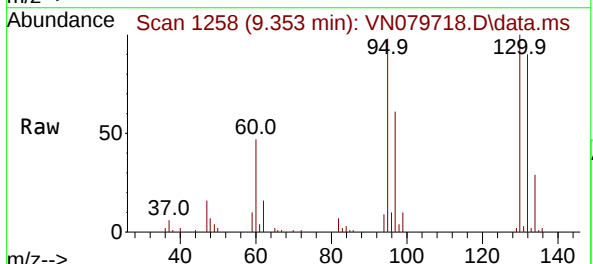
Tgt Ion: 43 Resp: 174824
Ion Ratio Lower Upper
43 100
61 26.3 24.7 37.1
87 12.6 14.6 21.8

Manual Integrations
APPROVED

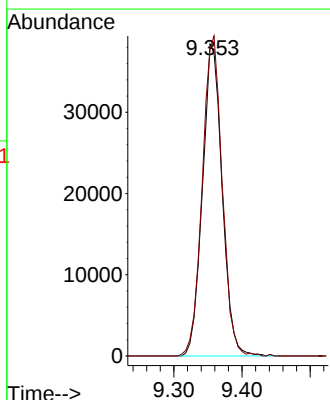
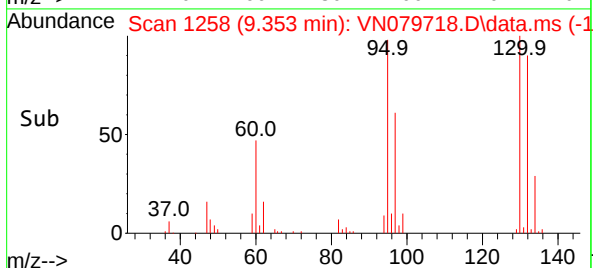
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

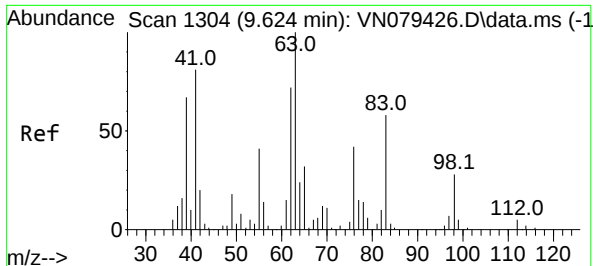


#44
Trichloroethene
Concen: 19.447 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58



Tgt Ion:130 Resp: 77063
Ion Ratio Lower Upper
130 100
95 98.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.696 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079718.D

Acq: 30 Oct 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 85579

Ion Ratio Lower Upper

63 100

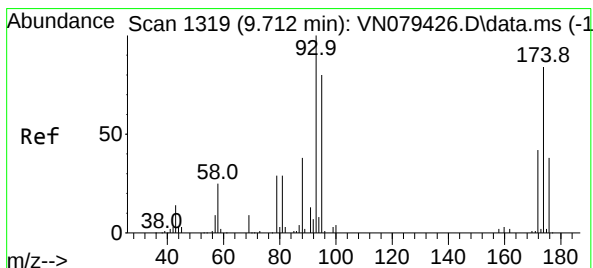
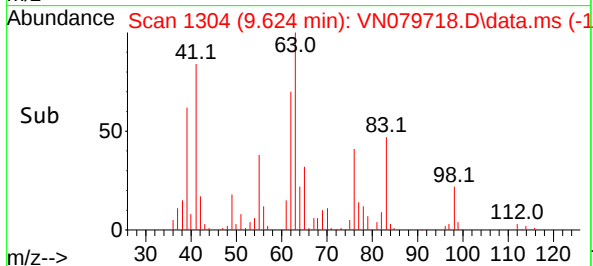
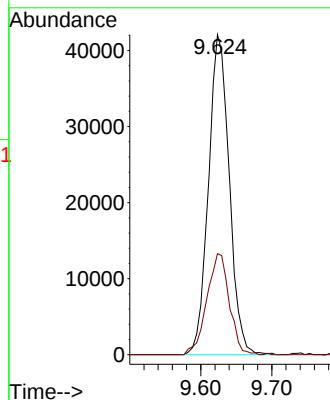
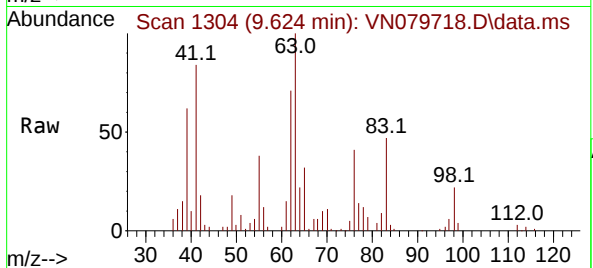
65 31.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#46

Dibromomethane

Concen: 19.818 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079718.D

Acq: 30 Oct 2023 10:58

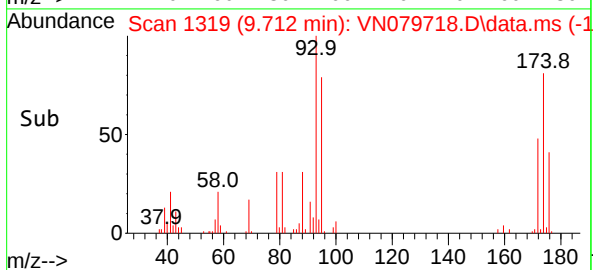
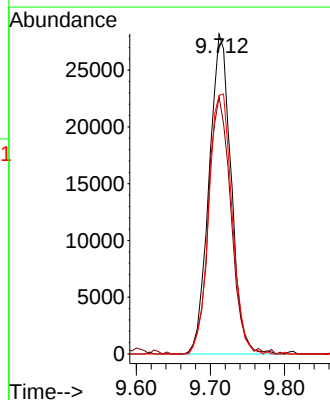
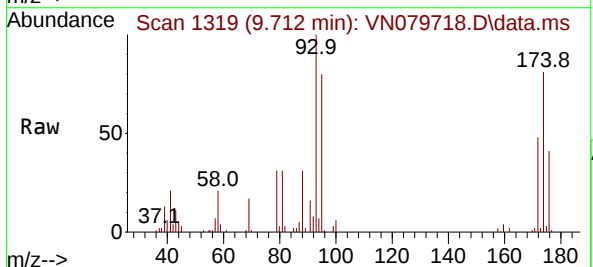
Tgt Ion: 93 Resp: 58073

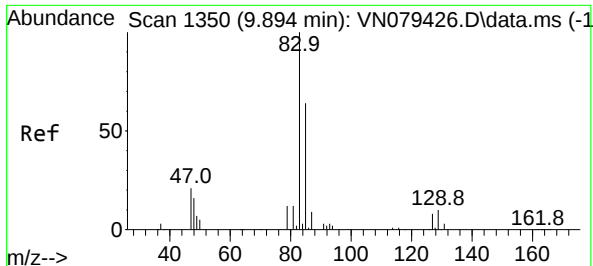
Ion Ratio Lower Upper

93 100

95 82.0 63.8 95.8

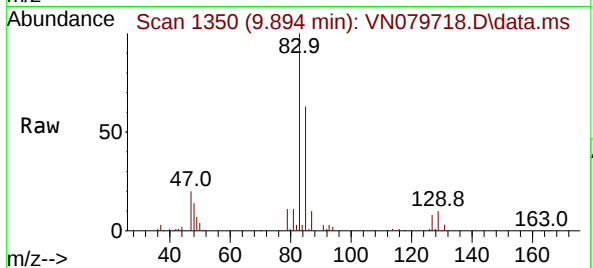
174 85.8 65.6 98.4





#47
Bromodichloromethane
Concen: 19.867 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

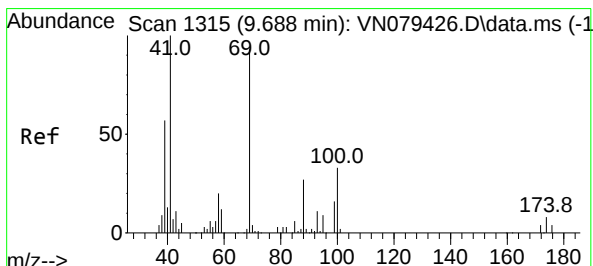
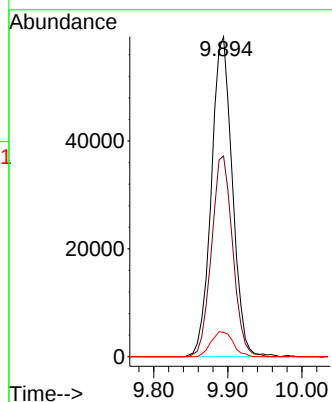
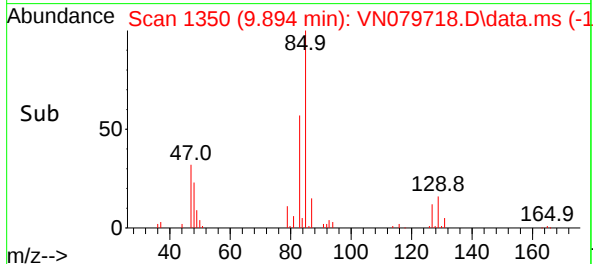
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 116788
Ion Ratio Lower Upper
83 100
85 62.8 49.6 74.4
127 7.6 7.0 10.6

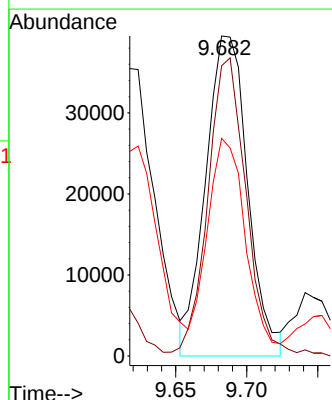
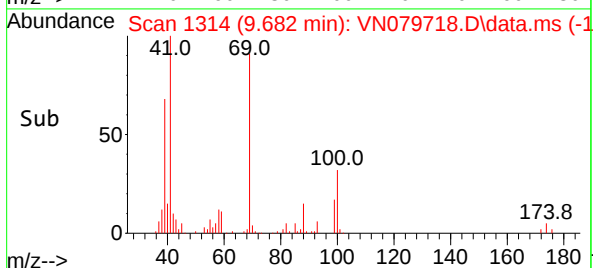
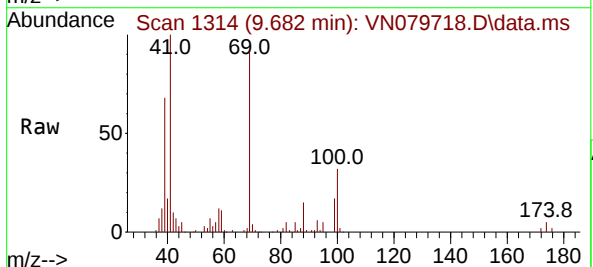
Manual Integrations
APPROVED

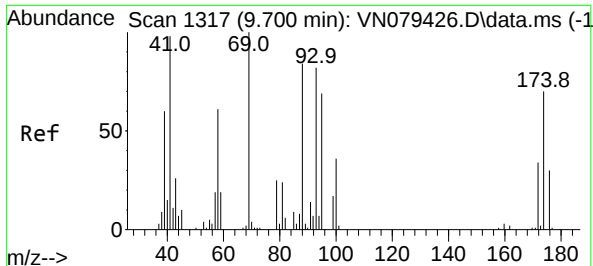
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#48
Methyl methacrylate
Concen: 19.986 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

Tgt Ion: 41 Resp: 81382
Ion Ratio Lower Upper
41 100
69 85.4 90.4 135.6#
39 61.9 54.6 81.8





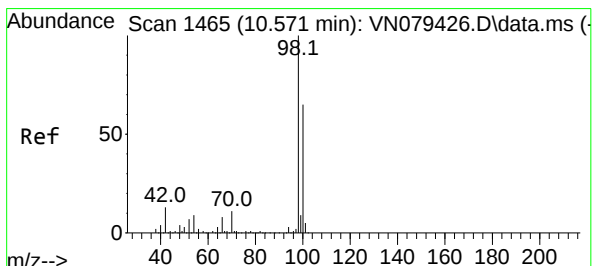
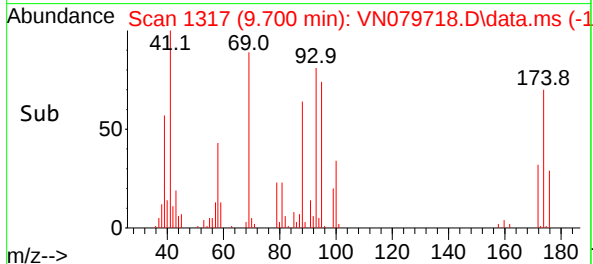
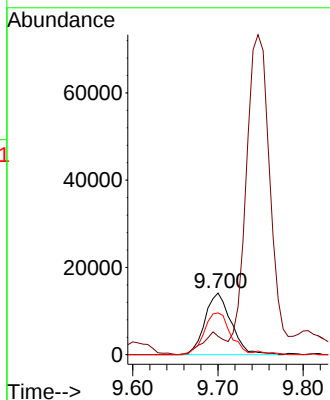
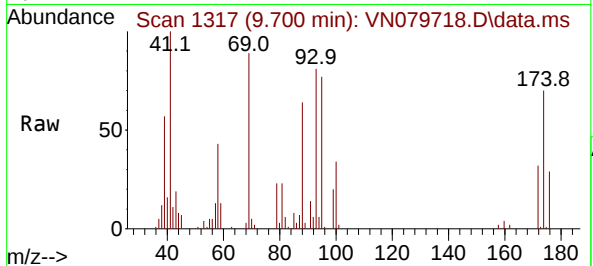
#49
1,4-Dioxane
Concen: 421.460 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 88 Resp: 30200
Ion Ratio Lower Upper
88 100
43 30.8 17.0 25.6
58 68.1 47.0 70.4

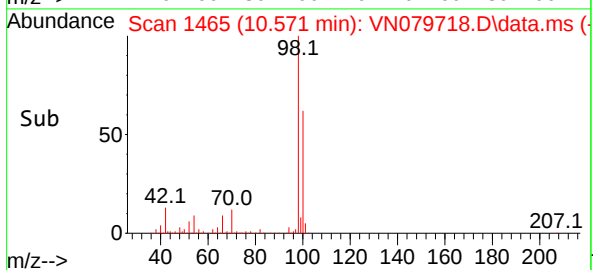
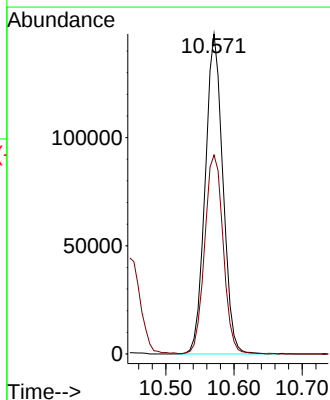
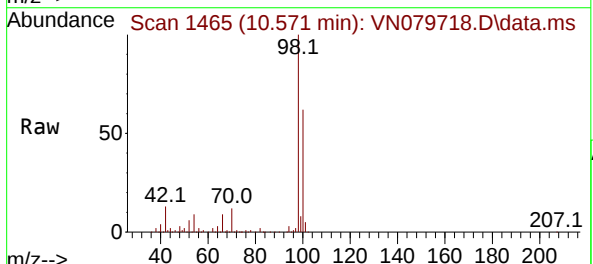
Manual Integrations
APPROVED

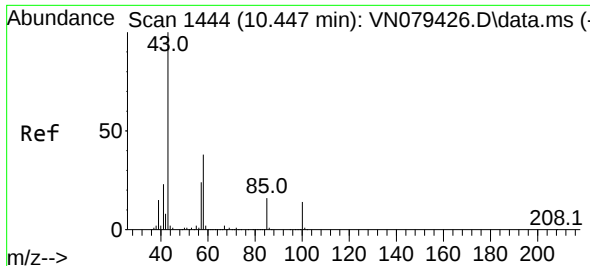
Reviewed By :John Carbone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#50
Toluene-d8
Concen: 19.158 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

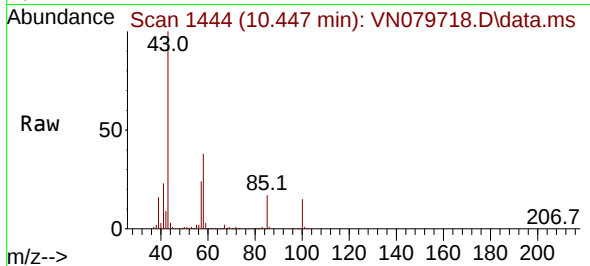
Tgt Ion: 98 Resp: 266836
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 100.290 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

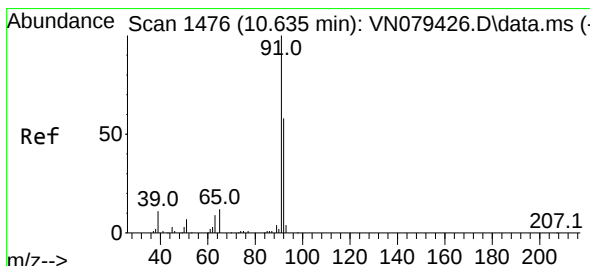
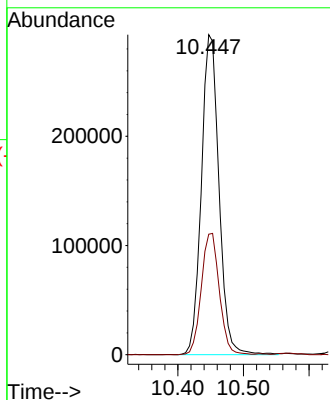
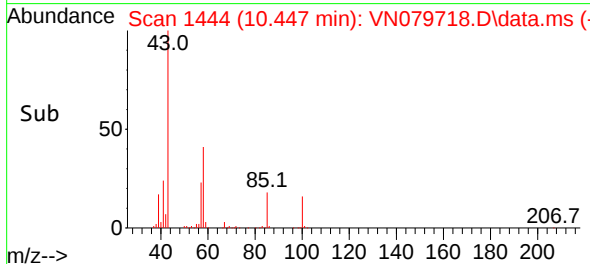
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



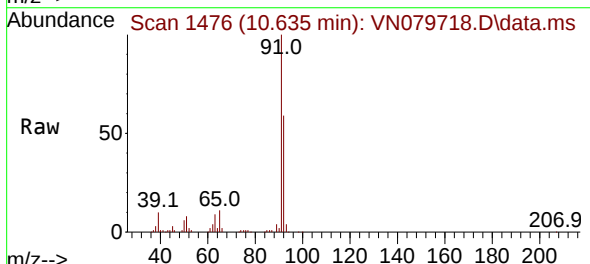
Tgt Ion: 43 Resp: 548079
Ion Ratio Lower Upper
43 100
58 38.7 36.6 54.8

Manual Integrations
APPROVED

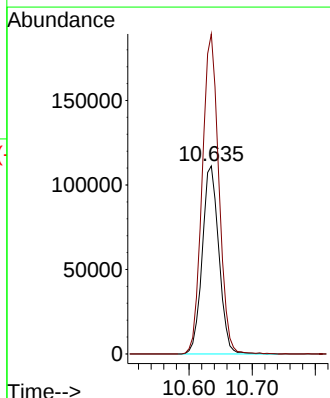
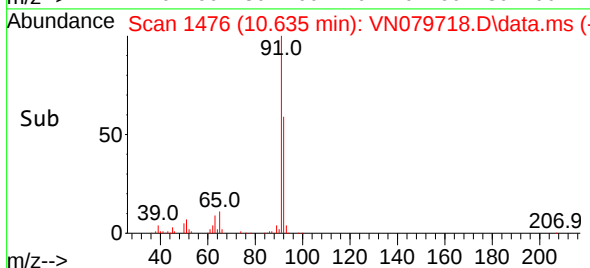
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

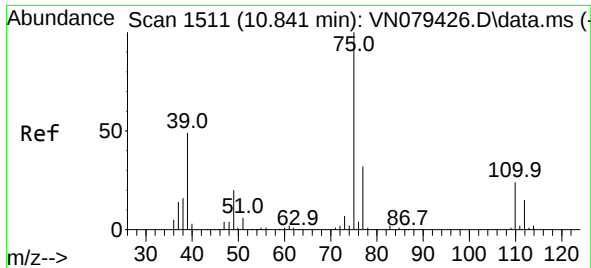


#52
Toluene
Concen: 20.298 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58



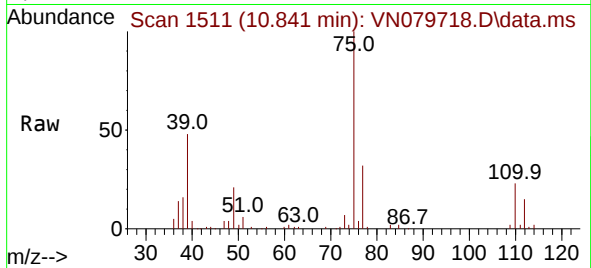
Tgt Ion: 92 Resp: 202714
Ion Ratio Lower Upper
92 100
91 170.7 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 19.824 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

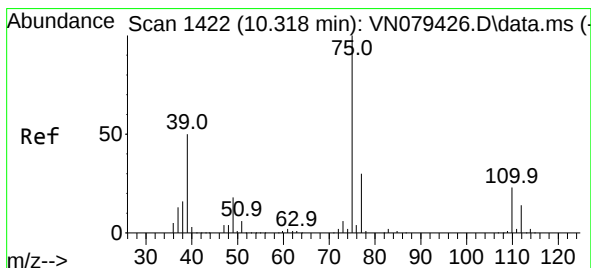
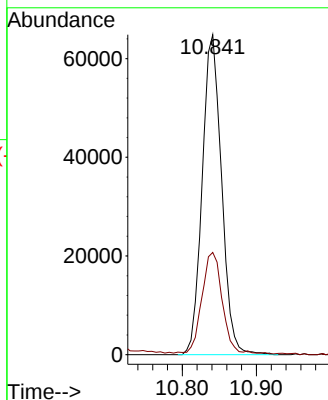
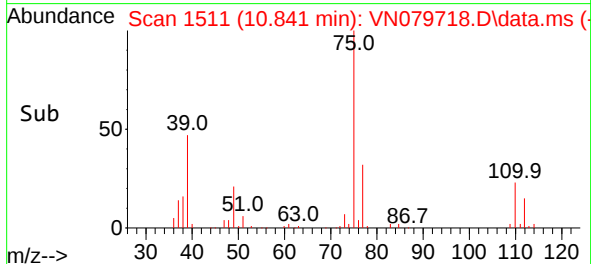
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



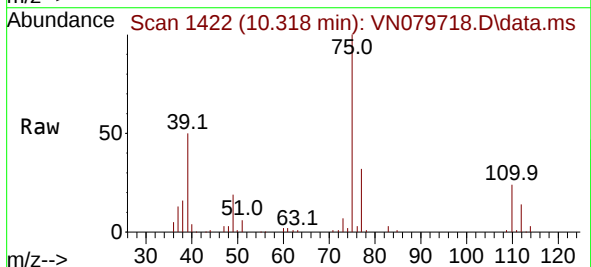
Tgt Ion: 75 Resp: 11768
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0

Manual Integrations
APPROVED

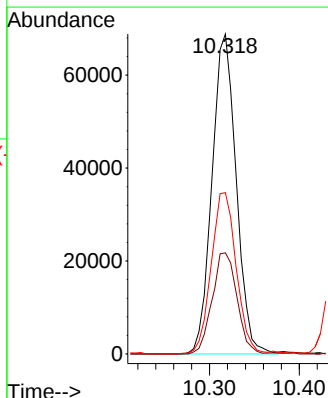
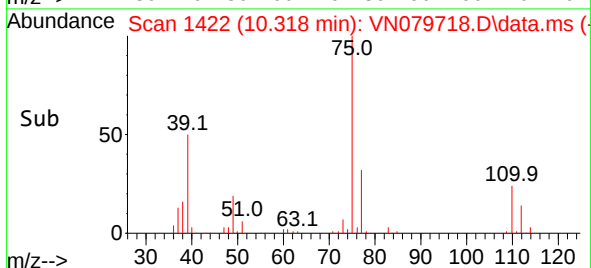
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

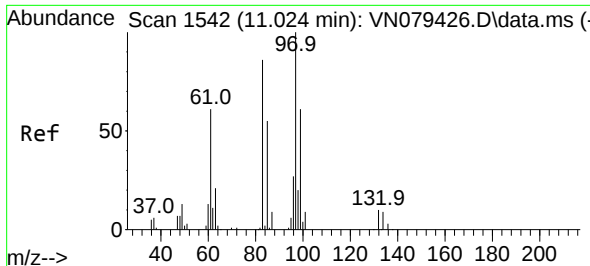


#54
cis-1,3-Dichloropropene
Concen: 19.840 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58



Tgt Ion: 75 Resp: 128855
Ion Ratio Lower Upper
75 100
77 31.6 26.1 39.1
39 50.4 31.6 47.4#





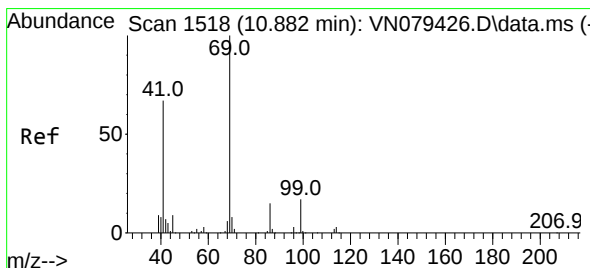
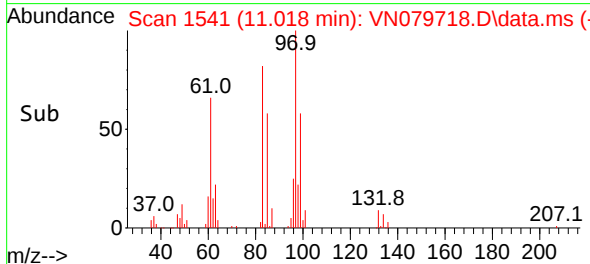
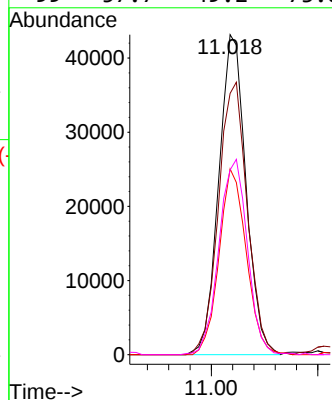
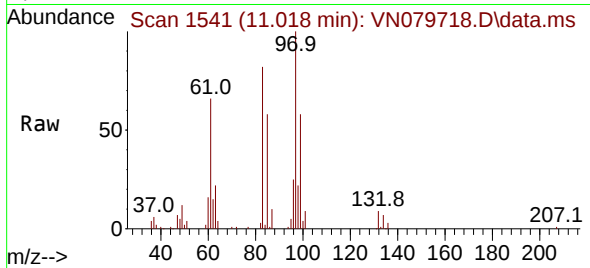
#55
1,1,2-Trichloroethane
Concen: 19.340 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 97	Resp: 7638
Ion Ratio	Lower Upper
97 100	
83 81.6	65.1 97.7
85 58.1	43.4 65.2
99 57.7	49.2 73.8

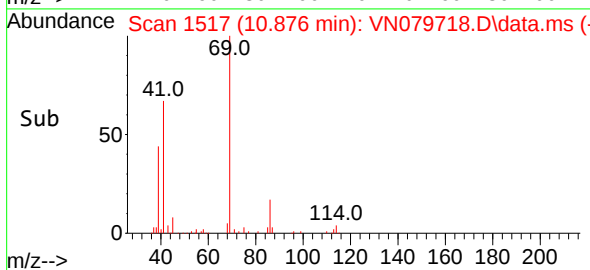
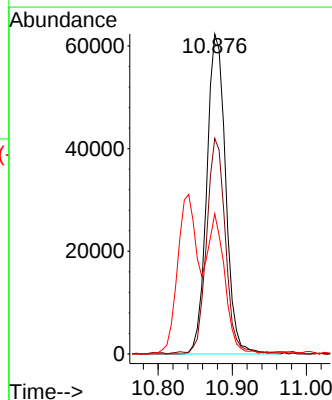
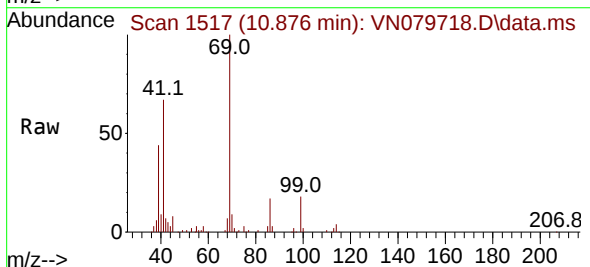
Manual Integrations
APPROVED

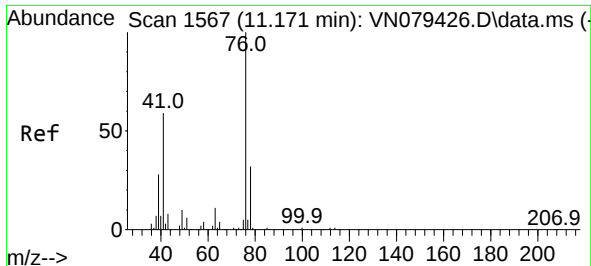
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#56
Ethyl methacrylate
Concen: 19.815 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

Tgt Ion: 69	Resp: 110526
Ion Ratio	Lower Upper
69 100	
41 67.4	39.6 59.4#
39 40.2	28.6 43.0





#57

1,3-Dichloropropane

Concen: 19.868 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VN079718.D

Acq: 30 Oct 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 13732

Ion Ratio Lower Upper

76 100

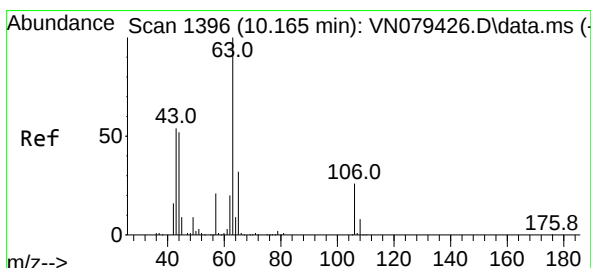
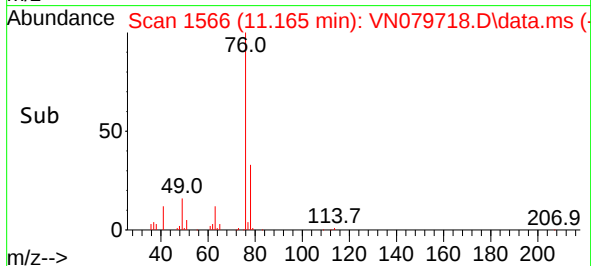
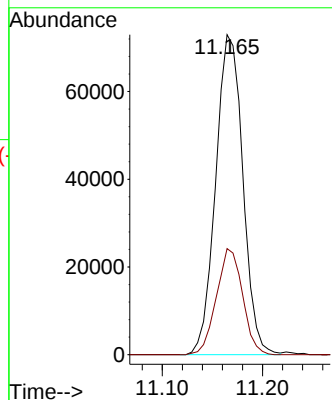
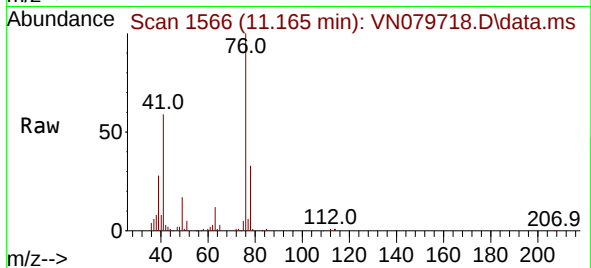
78 31.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#58

2-Chloroethyl Vinyl ether

Concen: 96.675 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079718.D

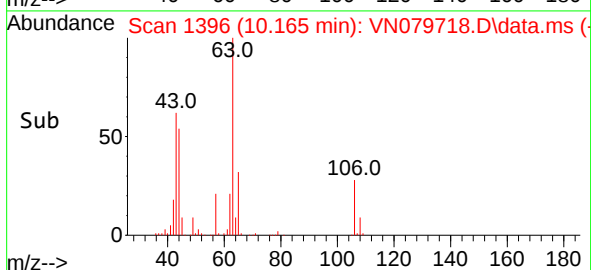
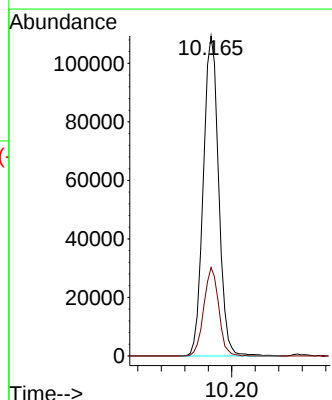
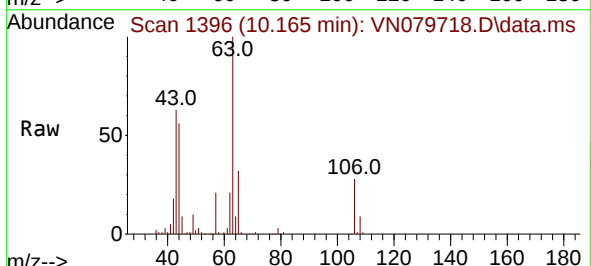
Acq: 30 Oct 2023 10:58

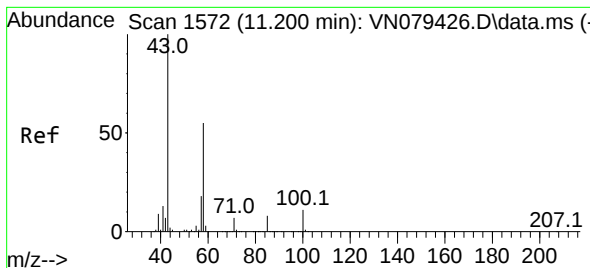
Tgt Ion: 63 Resp: 198669

Ion Ratio Lower Upper

63 100

106 26.8 26.2 39.4





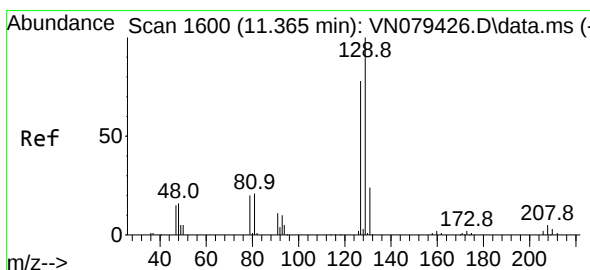
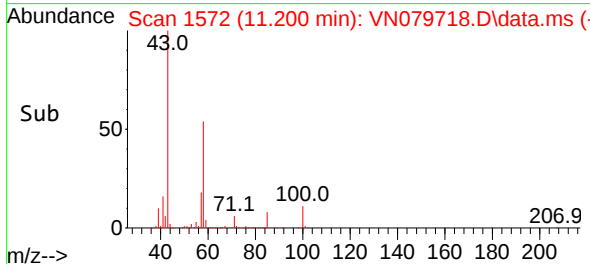
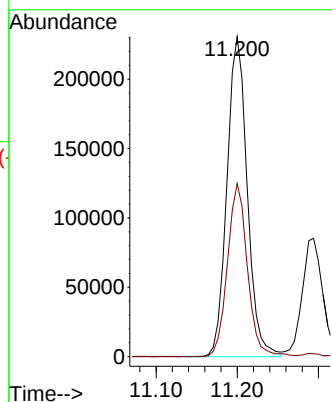
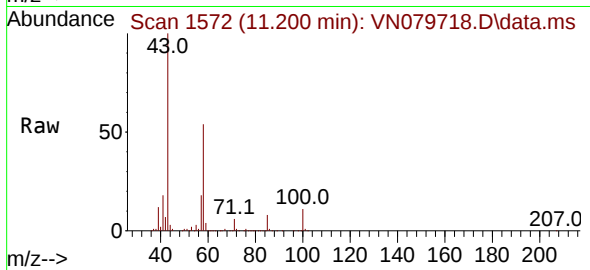
#59
2-Hexanone
Concen: 99.721 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 40071
Ion Ratio Lower Upper
43 100
58 53.3 31.7 95.1

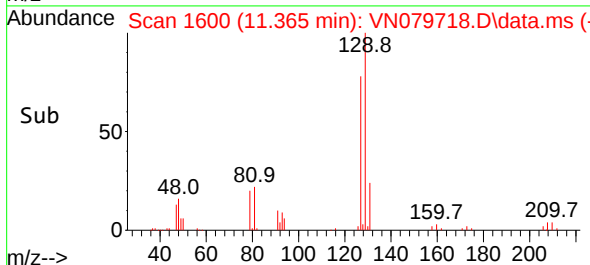
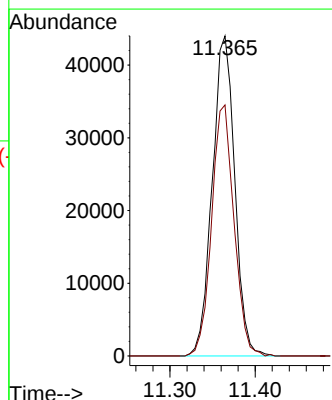
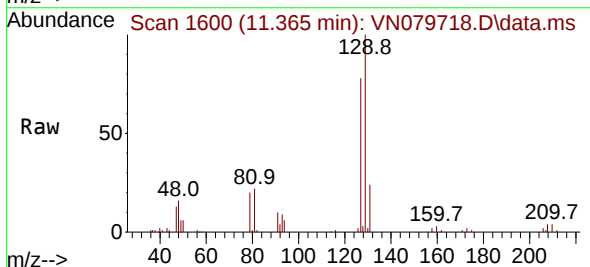
Manual Integrations
APPROVED

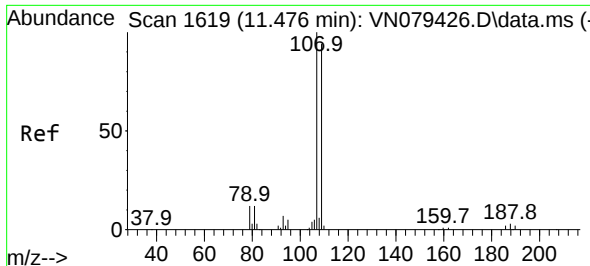
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#60
Dibromochloromethane
Concen: 19.735 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

Tgt Ion:129 Resp: 80658
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0





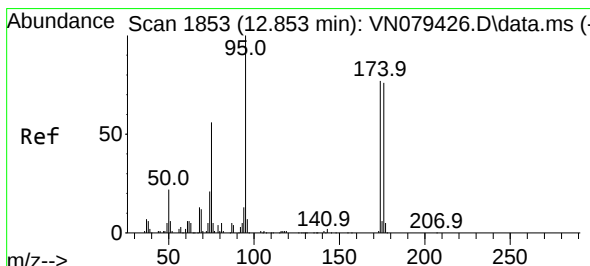
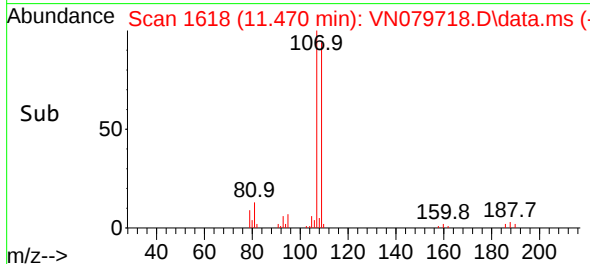
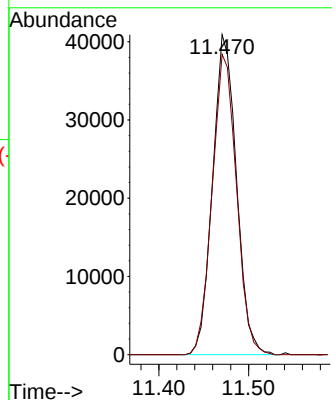
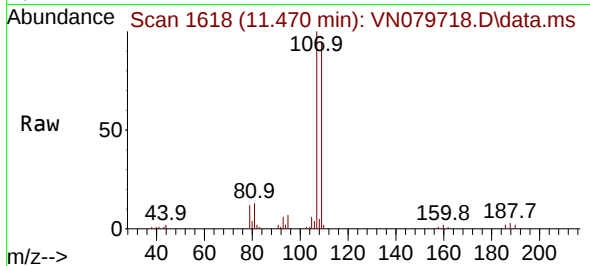
#61
1,2-Dibromoethane
Concen: 19.158 ug/l
RT: 11.470 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 7538
Ion Ratio Lower Upper
107 100
109 95.6 76.6 114.8

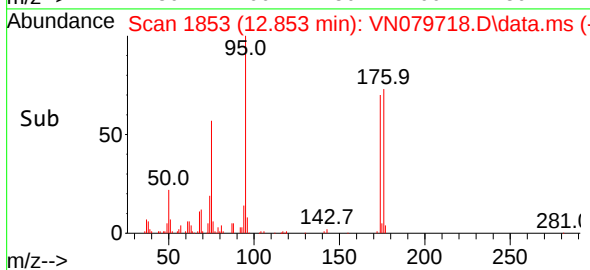
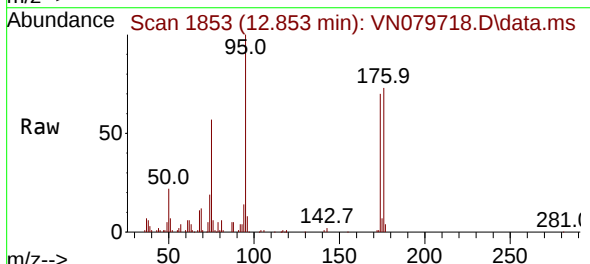
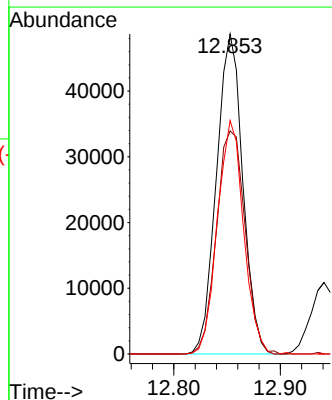
Manual Integrations
APPROVED

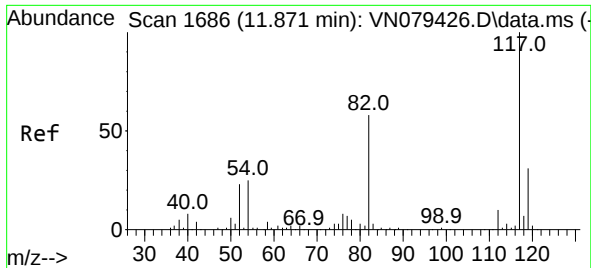
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#62
4-Bromofluorobenzene
Concen: 19.024 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

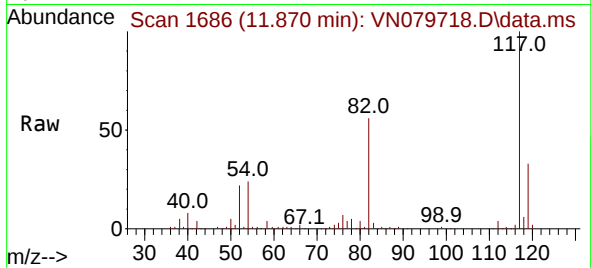
Tgt Ion: 95 Resp: 83439
Ion Ratio Lower Upper
95 100
174 75.8 0.0 143.8
176 72.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

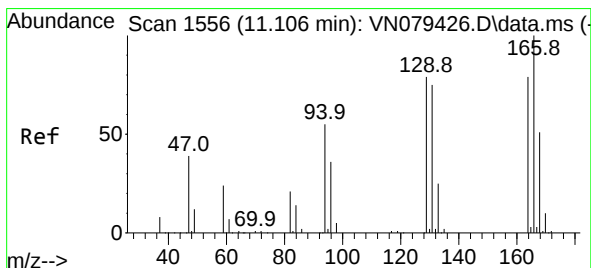
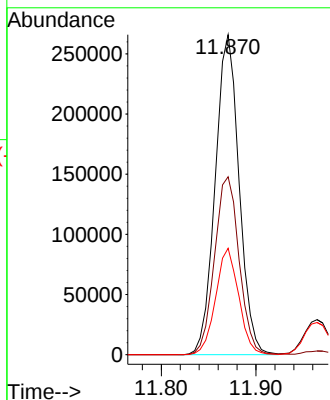
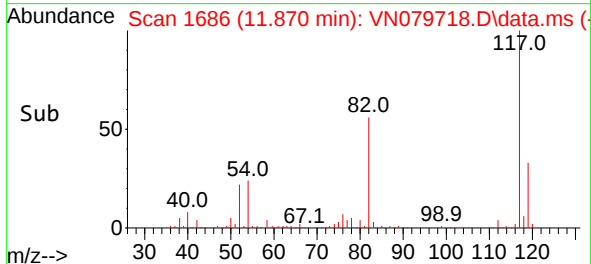
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 46670
Ion Ratio Lower Upper
117 100
82 55.6 44.0 66.0
119 33.2 25.6 38.4

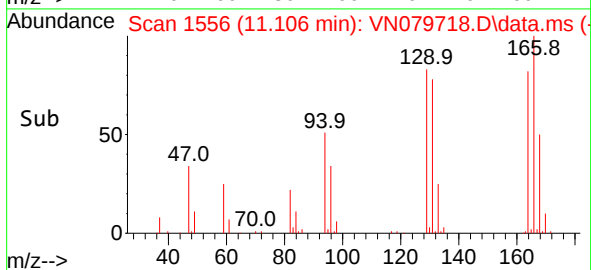
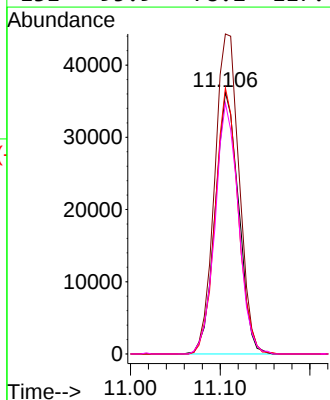
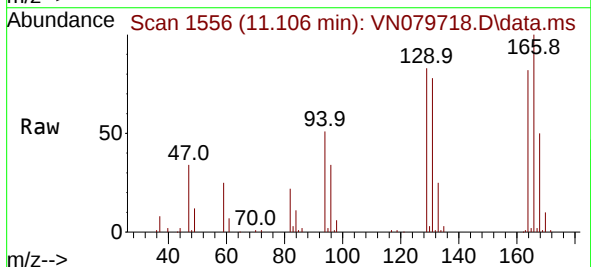
Manual Integrations
APPROVED

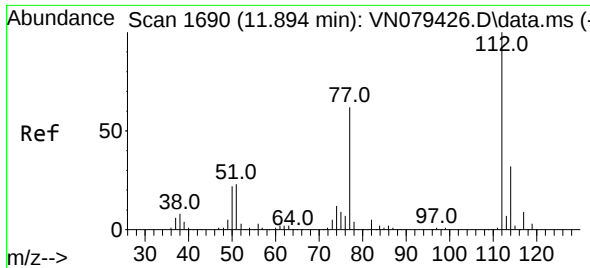
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#64
Tetrachloroethene
Concen: 19.872 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

Tgt Ion:164 Resp: 65791
Ion Ratio Lower Upper
164 100
166 122.2 101.4 152.0
129 101.6 82.4 123.6
131 95.9 78.2 117.4





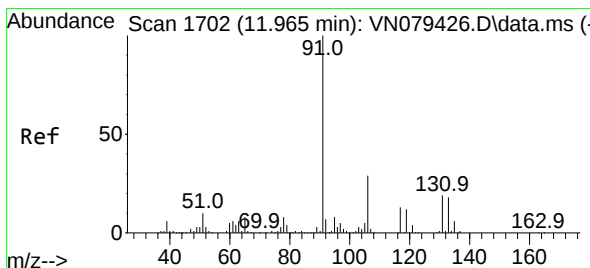
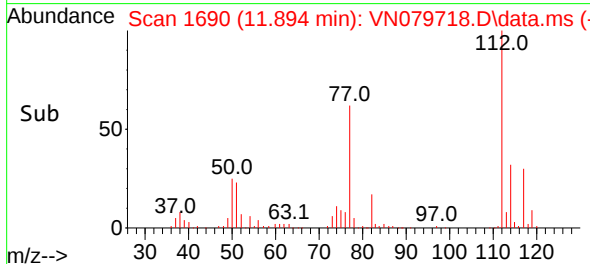
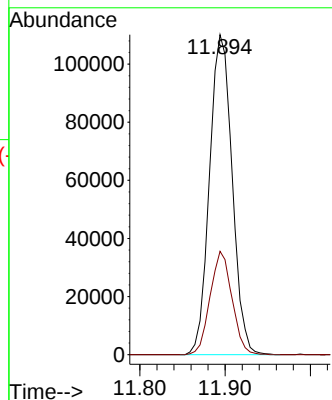
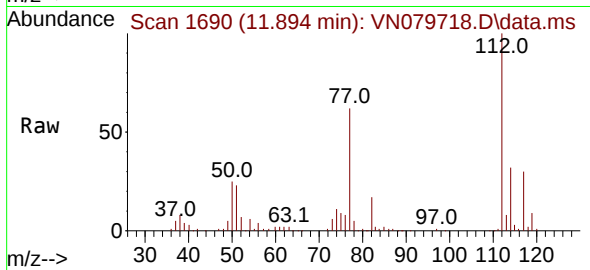
#65
Chlorobenzene
Concen: 19.660 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 203085
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.4

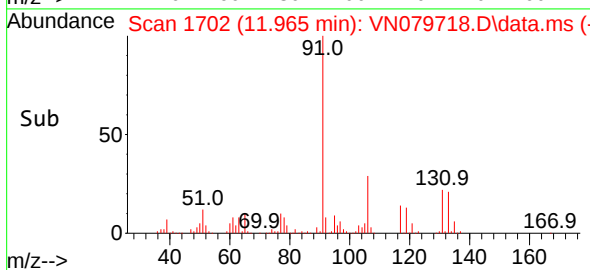
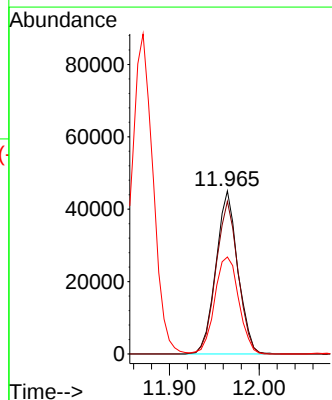
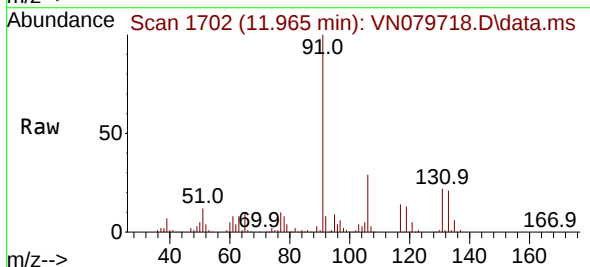
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.863 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

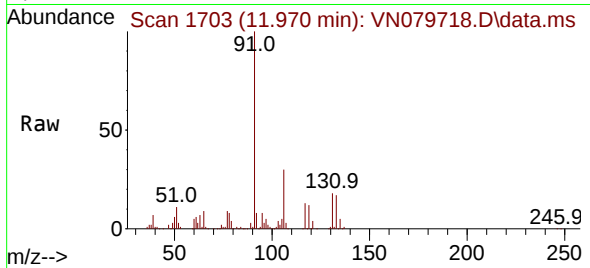
Tgt Ion:131 Resp: 76239
Ion Ratio Lower Upper
131 100
133 94.7 46.4 139.1
119 65.6 34.1 102.2





#67
Ethyl Benzene
Concen: 19.745 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

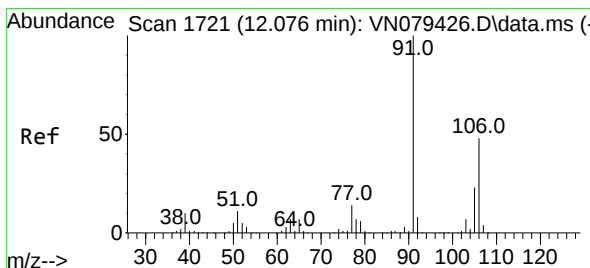
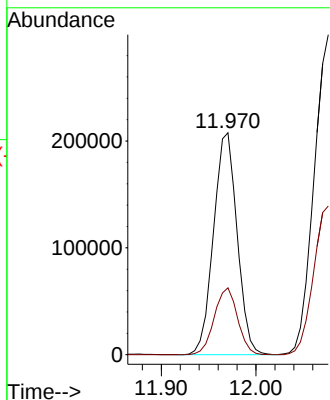
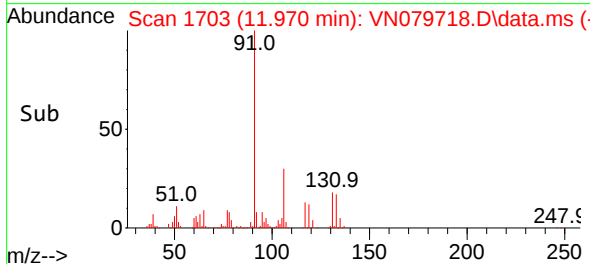
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



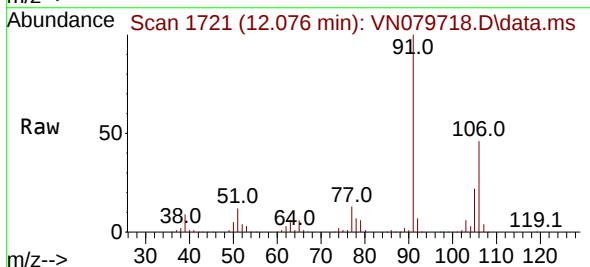
Tgt Ion: 91 Resp: 35933
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4

Manual Integrations
APPROVED

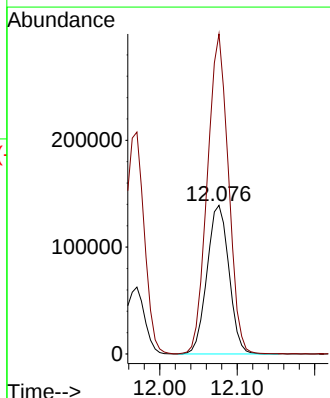
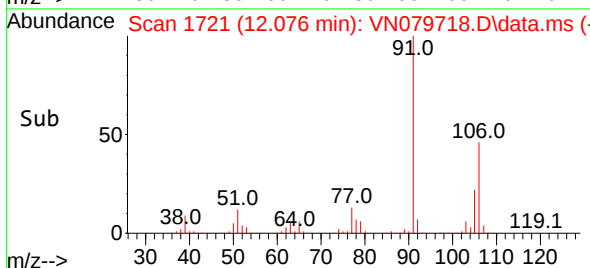
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

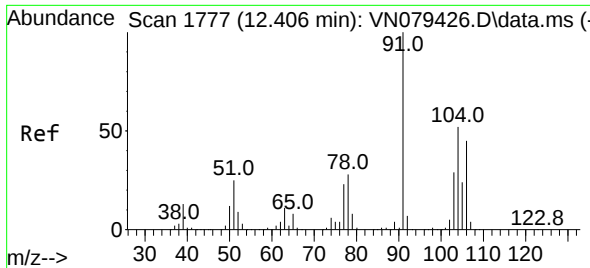


#68
m/p-Xylenes
Concen: 40.629 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58



Tgt Ion:106 Resp: 273471
Ion Ratio Lower Upper
106 100
91 207.4 159.6 239.4





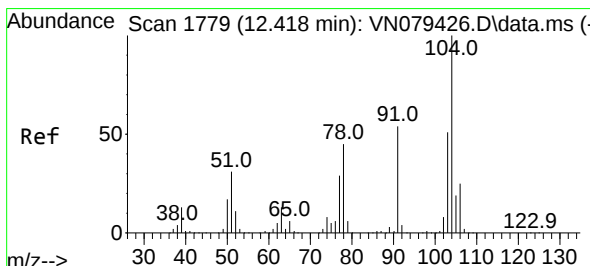
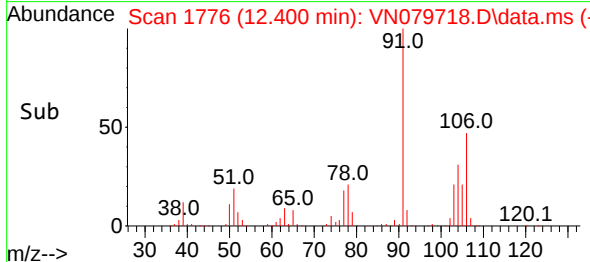
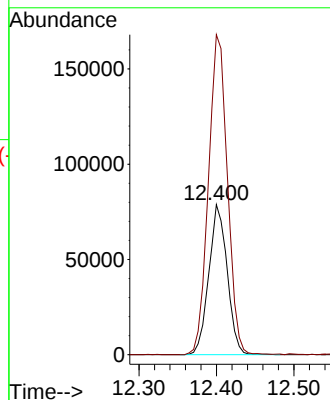
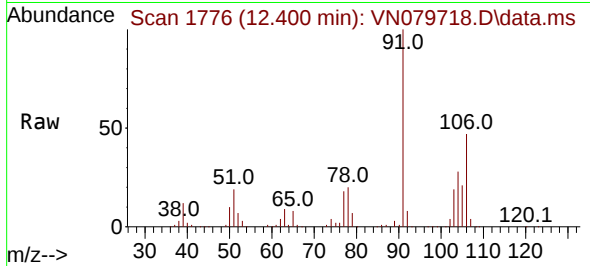
#69
o-Xylene
Concen: 20.015 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 129544
Ion Ratio Lower Upper
106 100
91 220.8 105.2 315.5

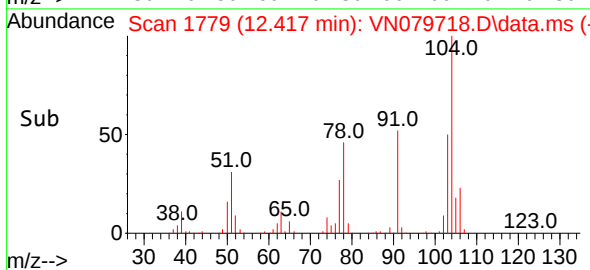
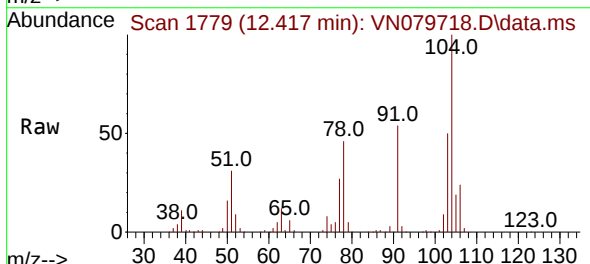
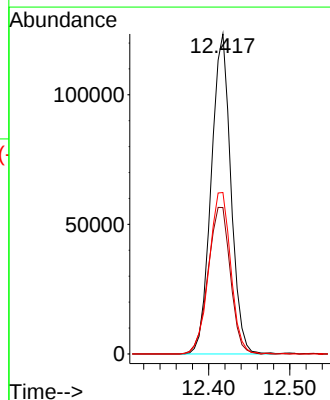
Manual Integrations
APPROVED

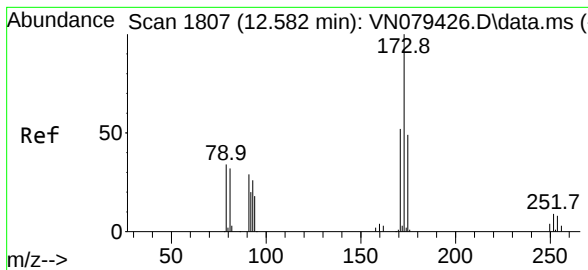
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#70
Styrene
Concen: 20.018 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

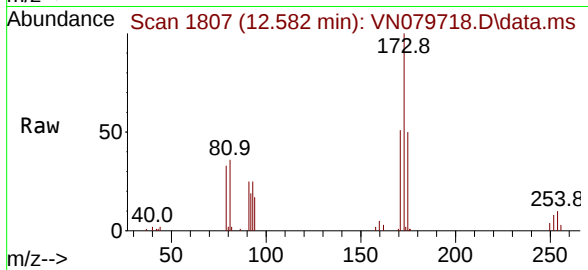
Tgt Ion:104 Resp: 207539
Ion Ratio Lower Upper
104 100
78 52.0 39.5 59.3
103 56.1 43.2 64.8





#71
Bromoform
Concen: 20.042 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

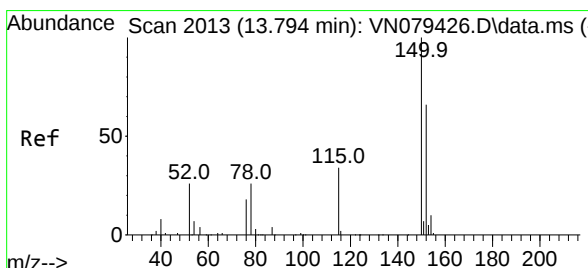
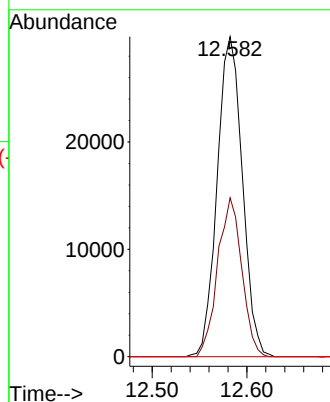
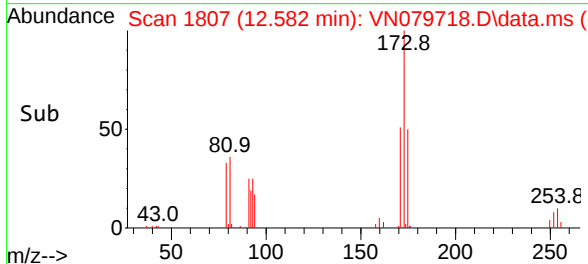
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



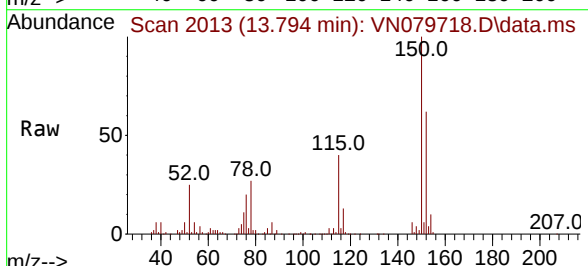
Tgt Ion:173 Resp: 55100
Ion Ratio Lower Upper
173 100
175 47.6 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
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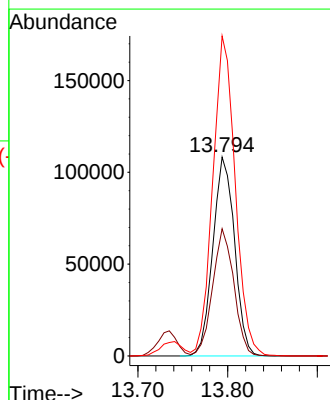
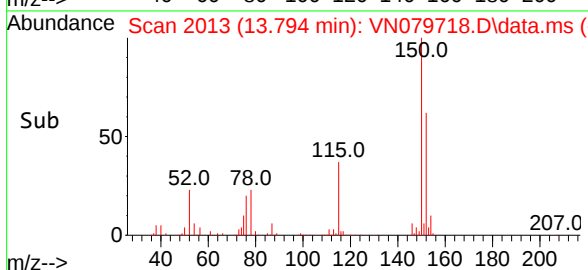
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

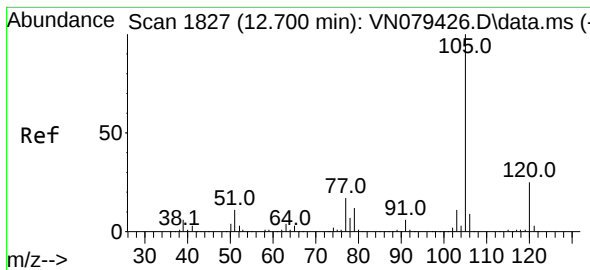


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58



Tgt Ion:152 Resp: 181946
Ion Ratio Lower Upper
152 100
115 62.6 32.3 96.8
150 166.5 0.0 355.8





#73

Isopropylbenzene

Concen: 20.209 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN079718.D

Acq: 30 Oct 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:105 Resp: 33305

Ion Ratio Lower Upper

105 100

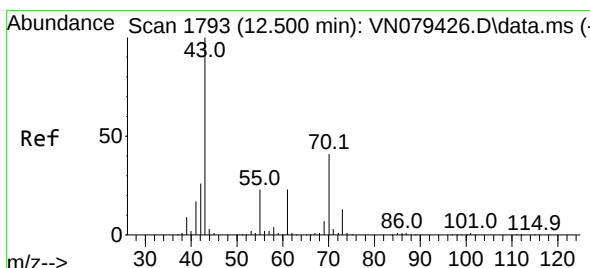
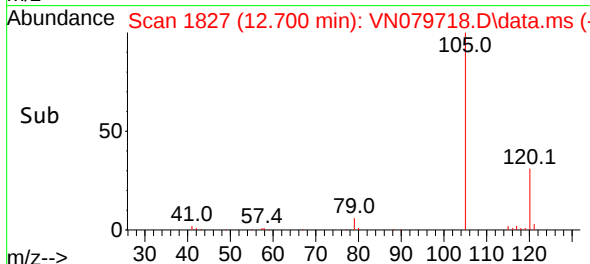
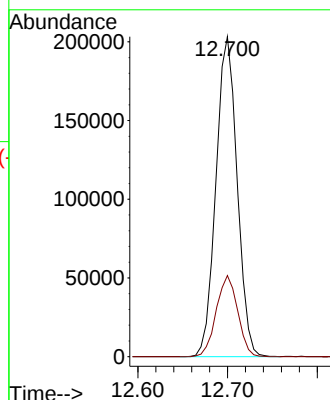
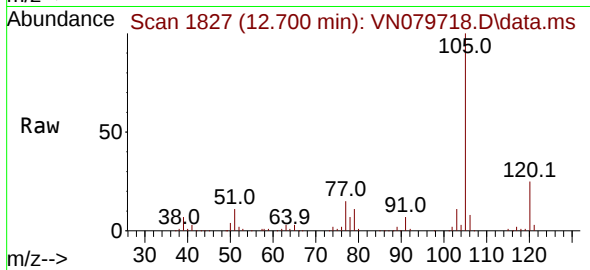
120 25.6 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#74

N-ethyl acetate

Concen: 19.577 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN079718.D

Acq: 30 Oct 2023 10:58

Tgt Ion: 43 Resp: 128323

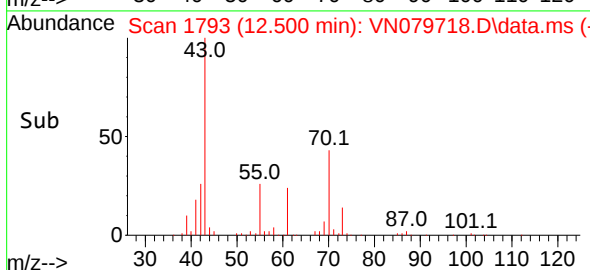
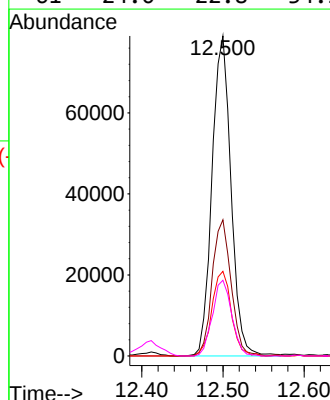
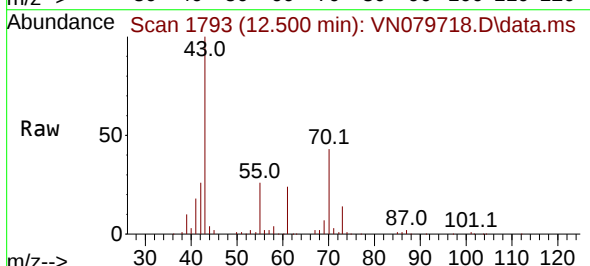
Ion Ratio Lower Upper

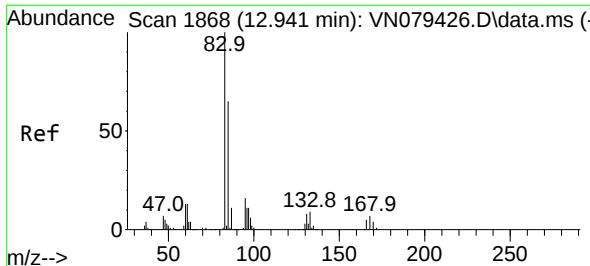
43 100

70 42.3 43.4 65.2#

55 27.0 21.4 32.0

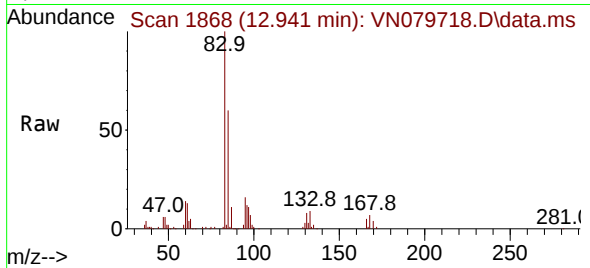
61 24.0 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.125 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

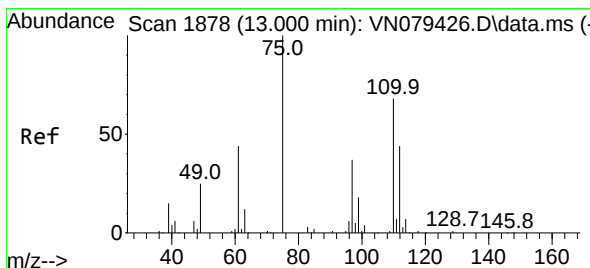
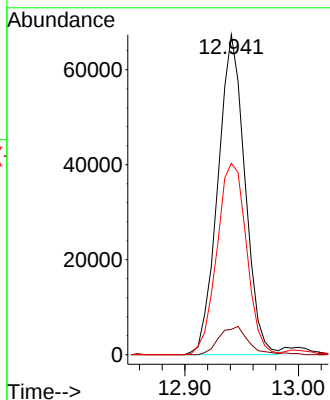
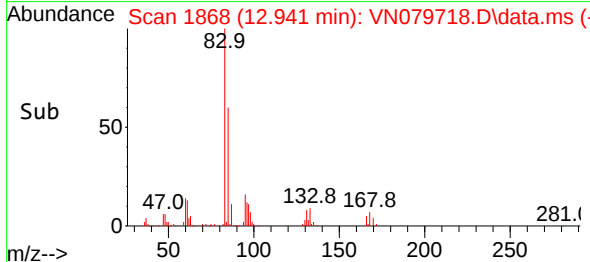
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 11158
Ion Ratio Lower Upper
83 100
131 9.6 5.0 15.0
85 65.4 31.9 95.7

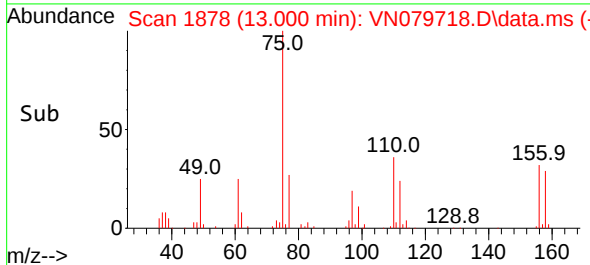
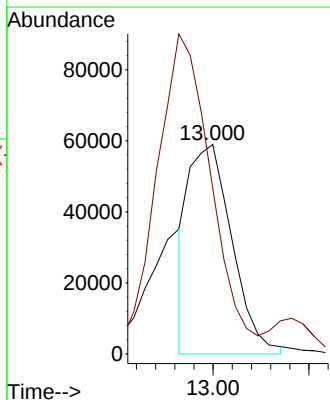
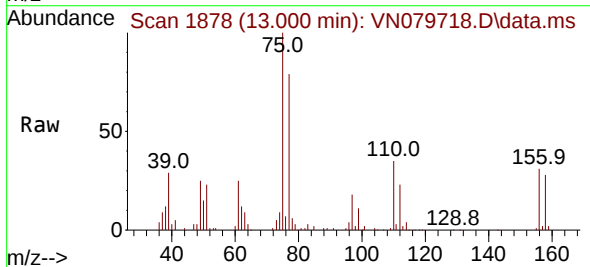
Manual Integrations
APPROVED

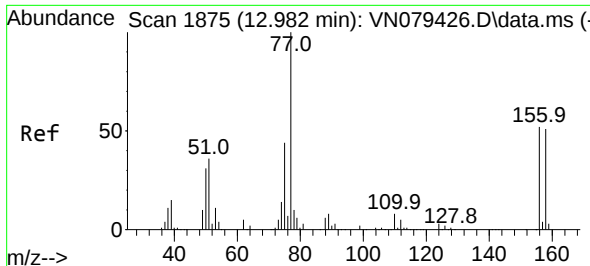
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#76
1,2,3-Trichloropropane
Concen: 19.382 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

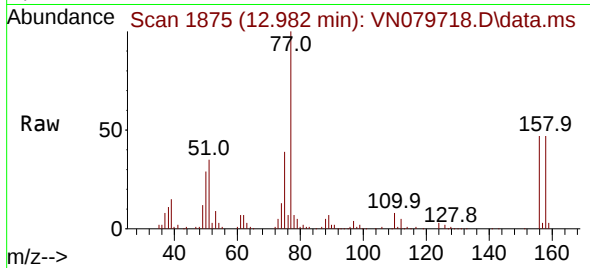
Tgt Ion: 75 Resp: 92670
Ion Ratio Lower Upper
75 100
77 192.9 84.5 253.5





#77
Bromobenzene
Concen: 20.272 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

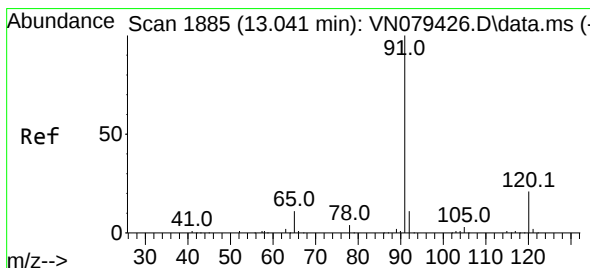
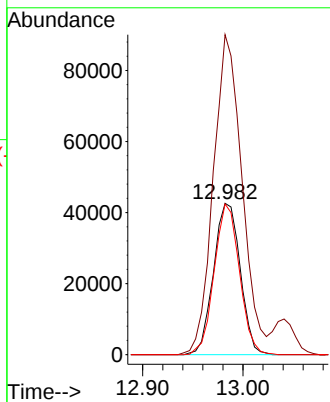
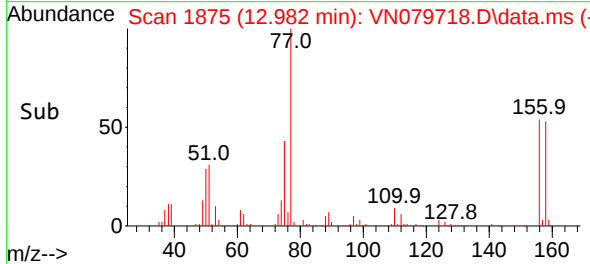
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



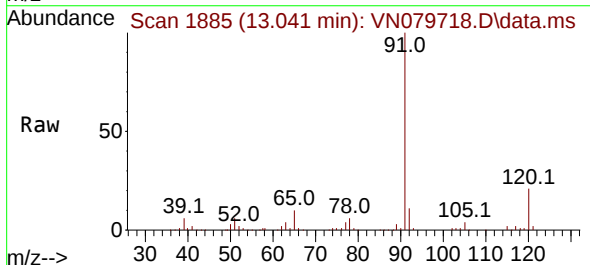
Tgt Ion:156 Resp: 78560
Ion Ratio Lower Upper
156 100
77 227.5 107.7 323.3
158 94.3 48.4 145.3

Manual Integrations
APPROVED

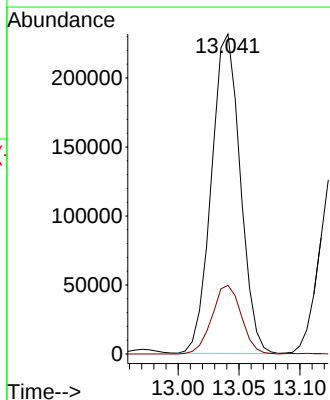
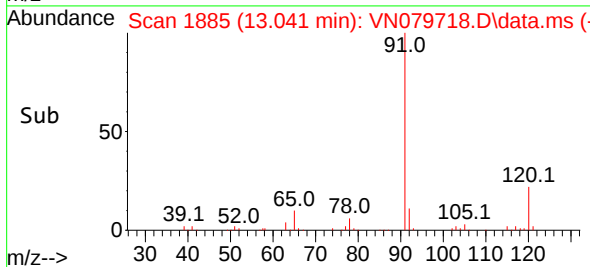
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

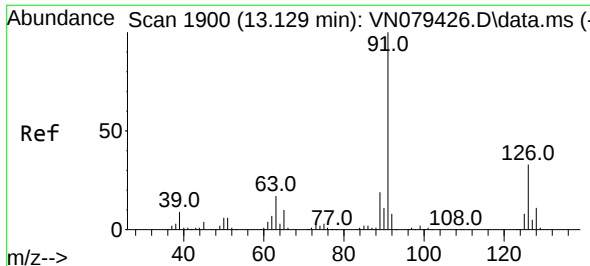


#78
n-propylbenzene
Concen: 20.121 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58



Tgt Ion: 91 Resp: 381975
Ion Ratio Lower Upper
91 100
120 21.8 11.5 34.4





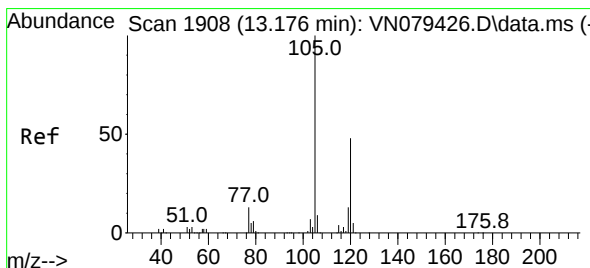
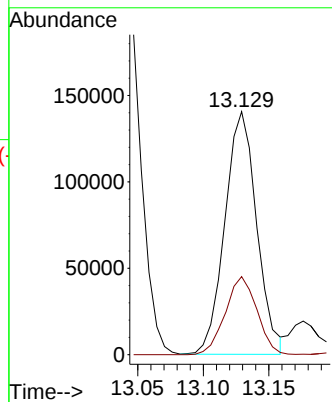
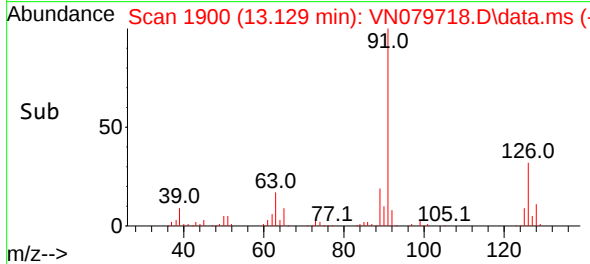
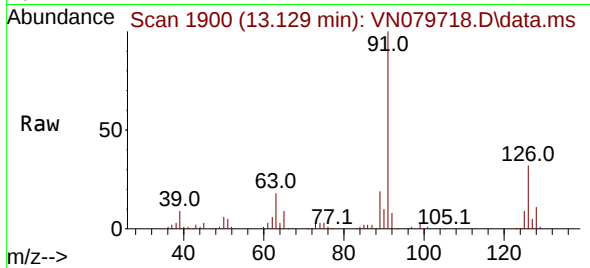
#79
2-Chlorotoluene
Concen: 20.036 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 237105
Ion Ratio Lower Upper
91 100
126 31.9 16.3 48.8

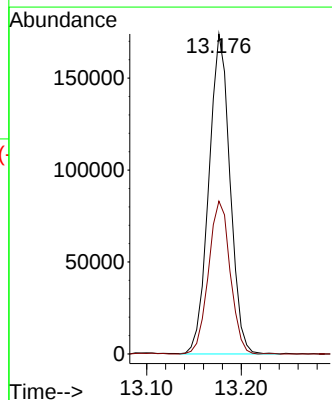
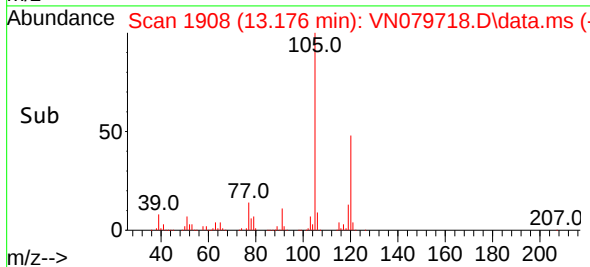
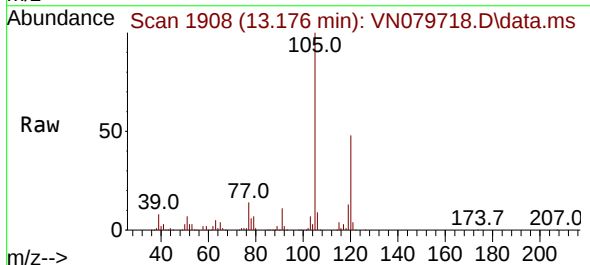
Manual Integrations
APPROVED

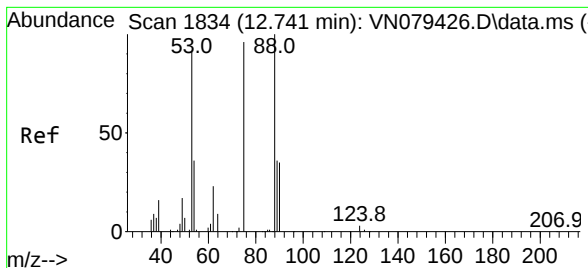
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.161 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

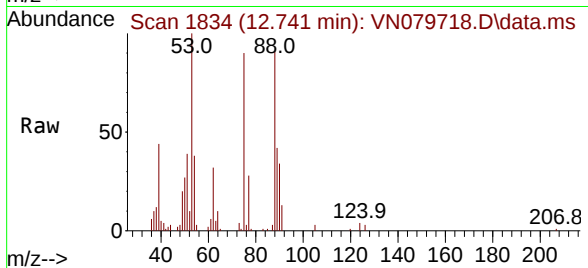
Tgt Ion:105 Resp: 270835
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 19.434 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

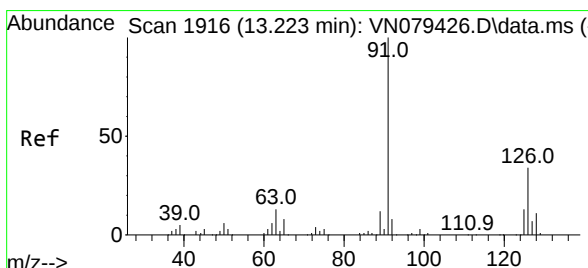
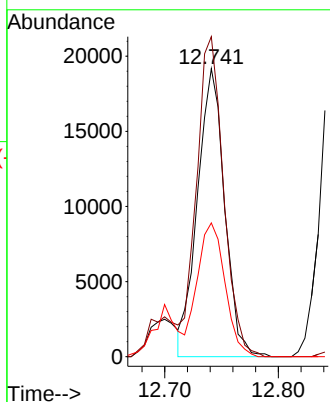
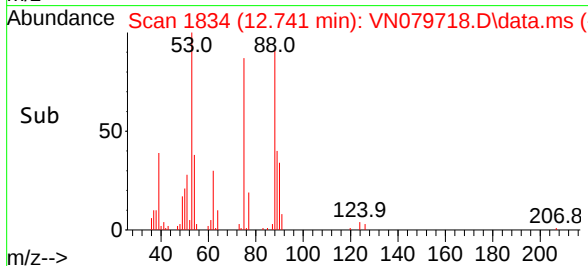
Instrument : MSVOA_N
ClientSampleId : VSTDIC020



Tgt Ion: 75 Resp: 3183
Ion Ratio Lower Upper
75 100
53 110.6 67.4 101.2
89 47.2 38.8 58.2

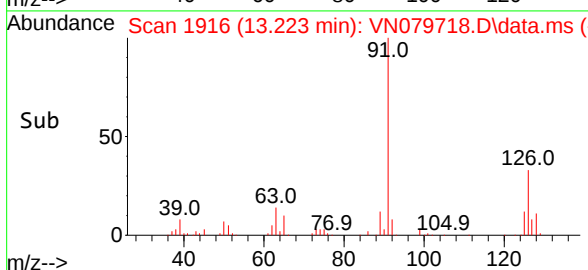
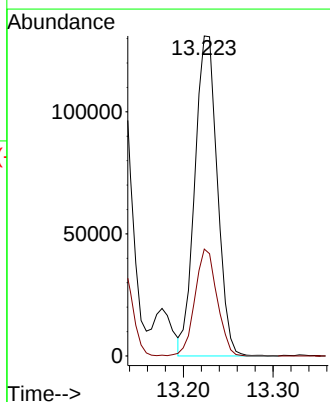
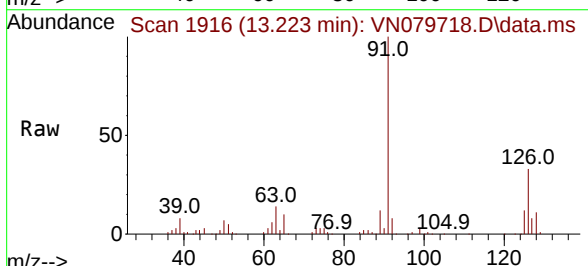
Manual Integrations
APPROVED

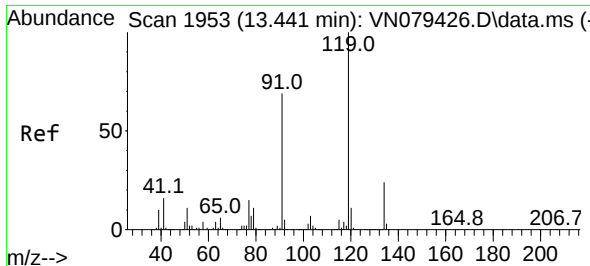
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#82
4-Chlorotoluene
Concen: 20.062 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

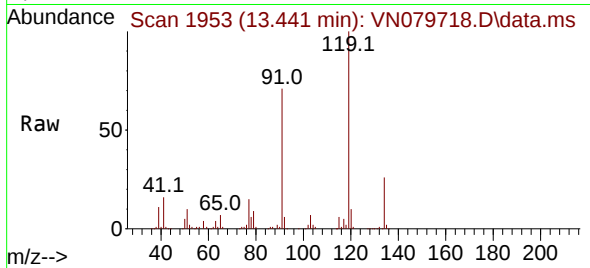
Tgt Ion: 91 Resp: 228035
Ion Ratio Lower Upper
91 100
126 33.0 16.7 50.0





#83
tert-Butylbenzene
Concen: 19.695 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

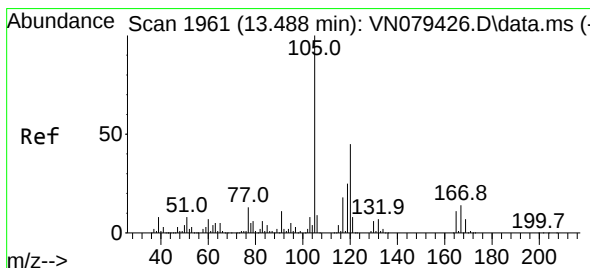
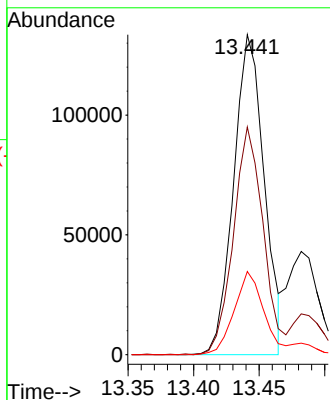
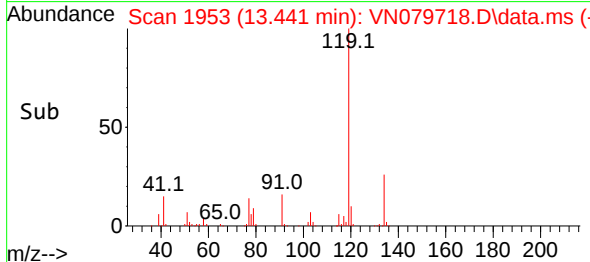
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



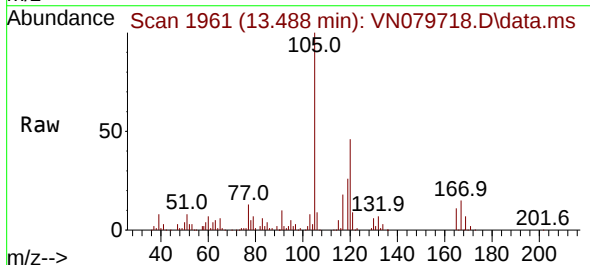
Tgt Ion:119 Resp: 216839
Ion Ratio Lower Upper
119 100
91 69.7 33.9 101.7
134 25.2 13.2 39.6

Manual Integrations
APPROVED

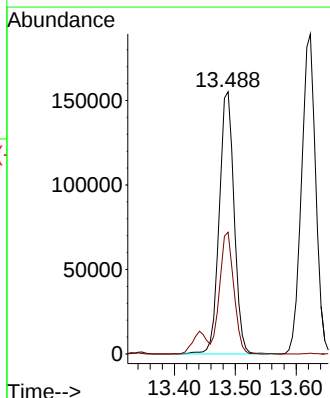
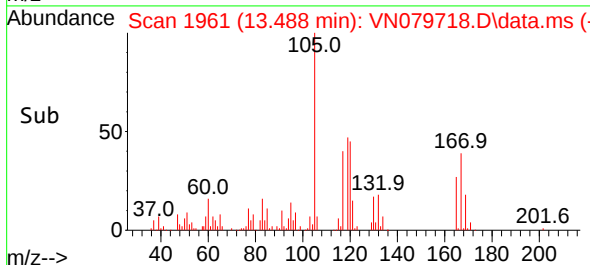
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.298 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58



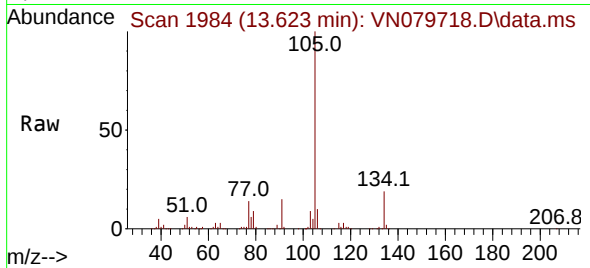
Tgt Ion:105 Resp: 263059
Ion Ratio Lower Upper
105 100
120 44.2 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 19.841 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079718.D
 Acq: 30 Oct 2023 10:58

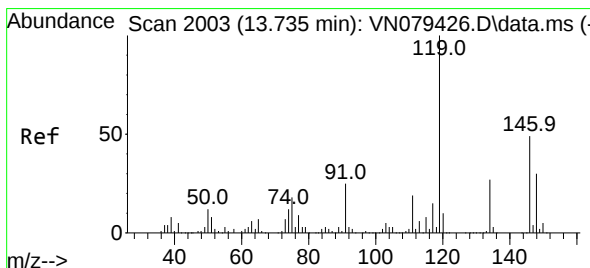
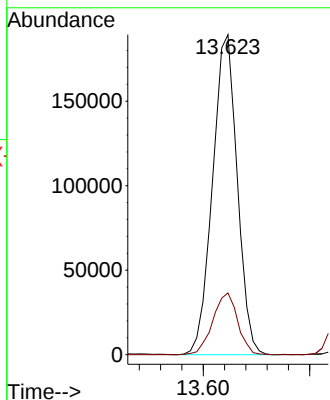
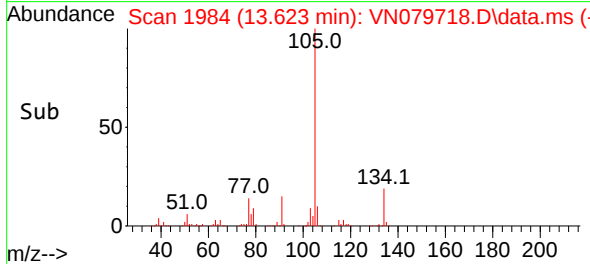
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



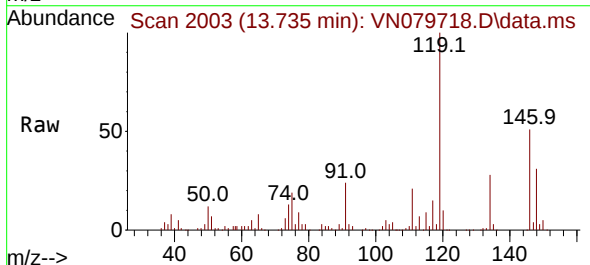
Tgt Ion:105 Resp: 304699
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

Manual Integrations
 APPROVED

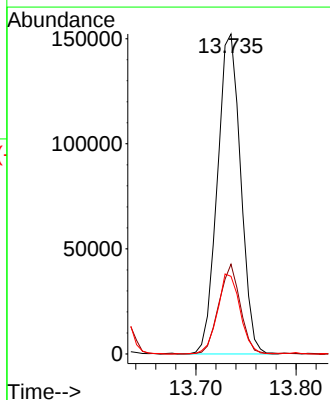
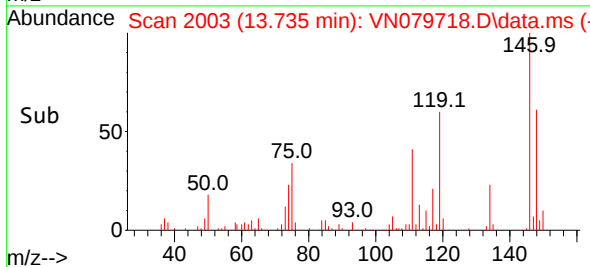
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023

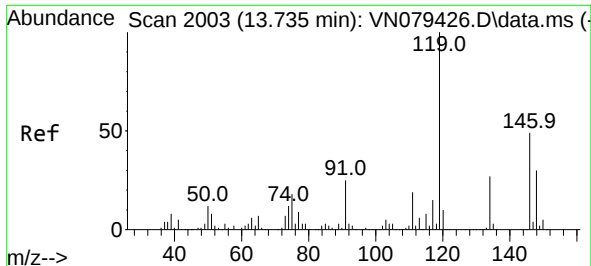


#86
 p-Isopropyltoluene
 Concen: 20.091 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079718.D
 Acq: 30 Oct 2023 10:58



Tgt Ion:119 Resp: 245738
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 24.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 20.133 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079718.D

Acq: 30 Oct 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 132000

Ion Ratio Lower Upper

146 100

111 41.4 22.1 66.3

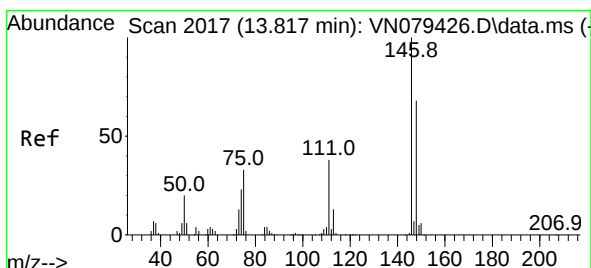
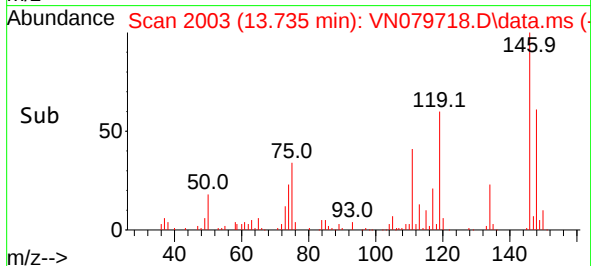
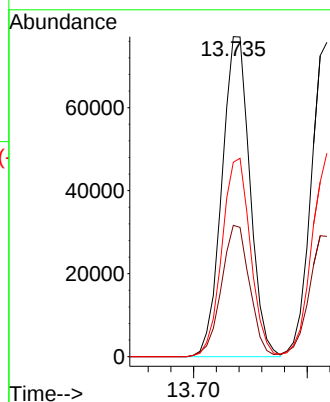
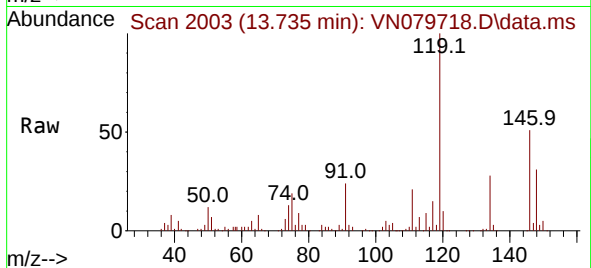
148 63.2 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#88

1,4-Dichlorobenzene

Concen: 19.997 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN079718.D

Acq: 30 Oct 2023 10:58

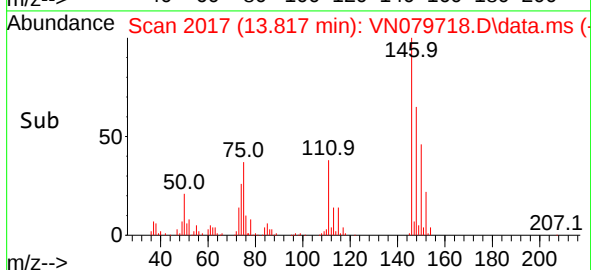
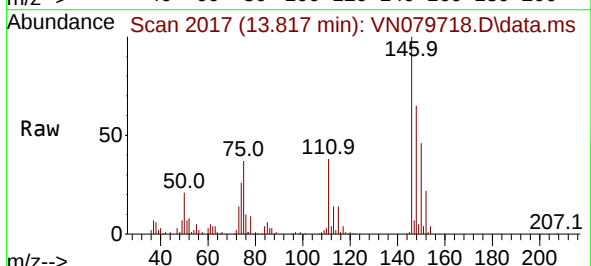
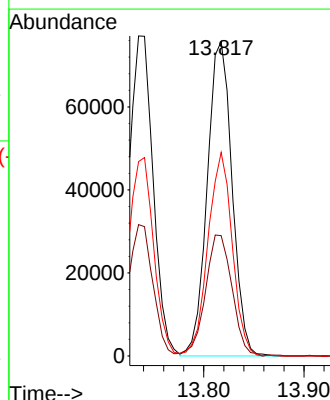
Tgt Ion:146 Resp: 130615

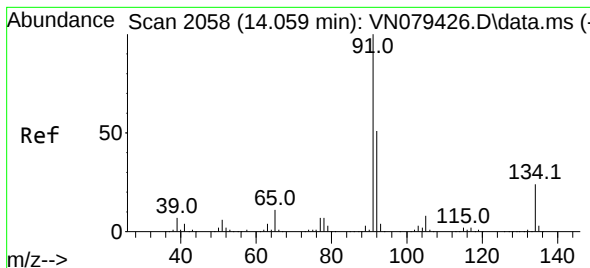
Ion Ratio Lower Upper

146 100

111 40.6 20.6 61.8

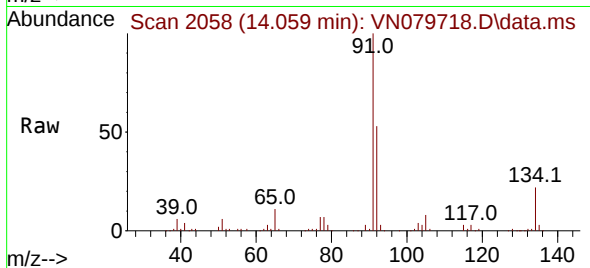
148 63.3 31.6 94.8





#89
n-Butylbenzene
Concen: 19.634 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

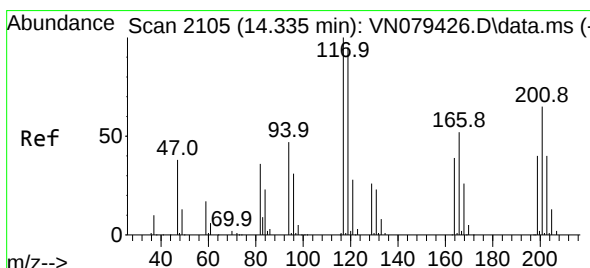
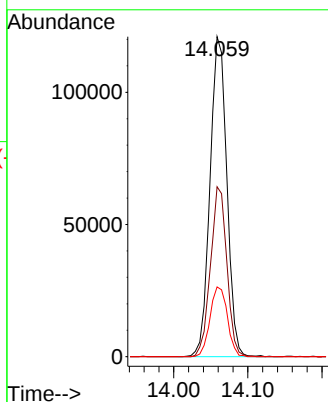
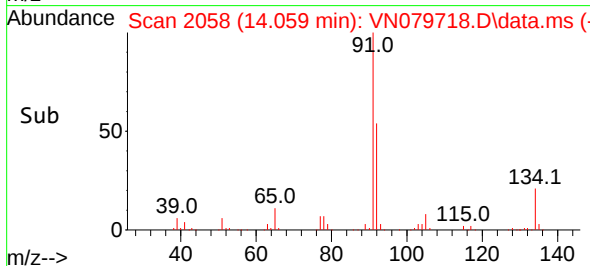
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 190797
Ion Ratio Lower Upper
91 100
92 51.6 26.4 79.0
134 22.4 12.6 37.6

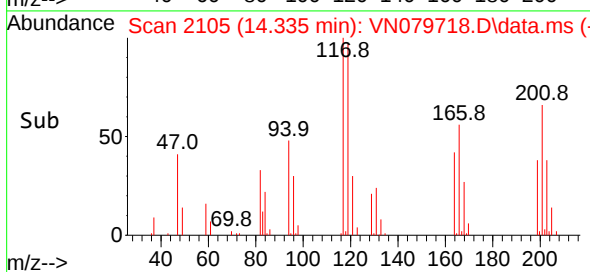
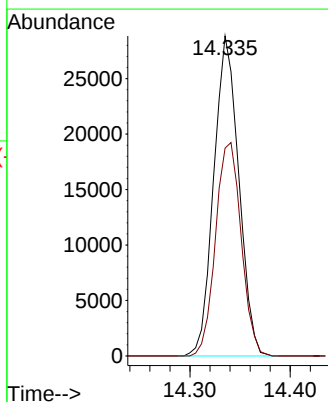
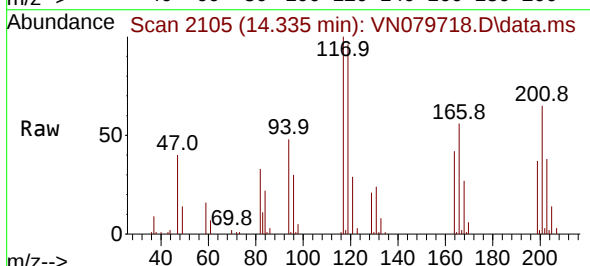
Manual Integrations
APPROVED

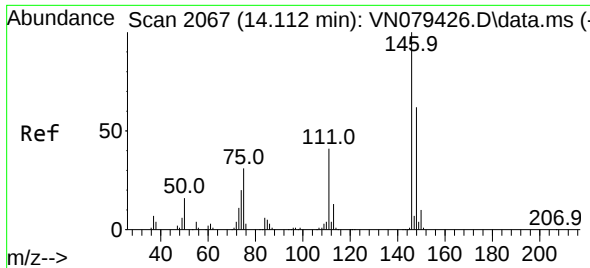
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#90
Hexachloroethane
Concen: 19.308 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

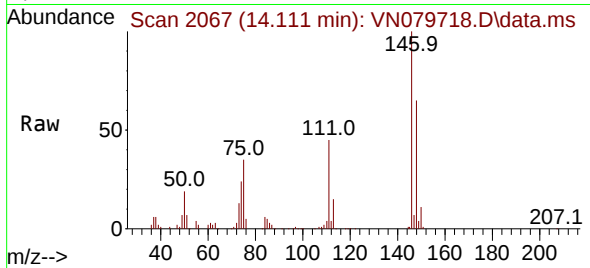
Tgt Ion:117 Resp: 49898
Ion Ratio Lower Upper
117 100
201 68.4 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 20.276 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

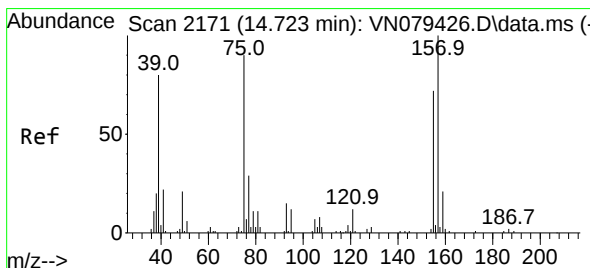
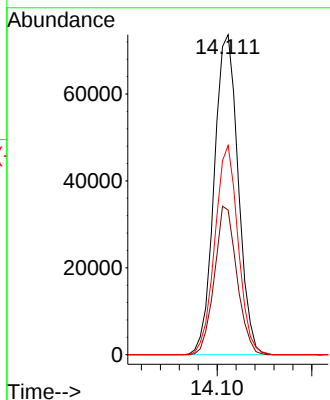
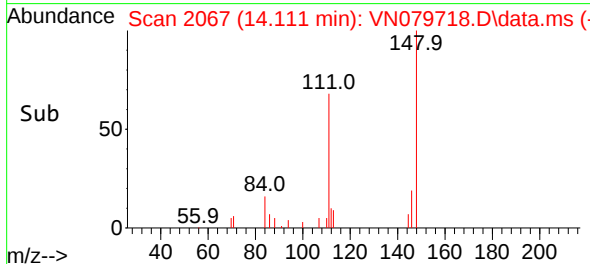
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



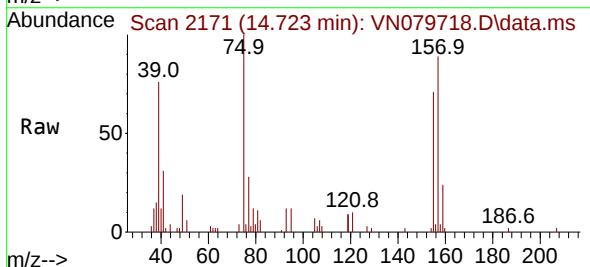
Tgt Ion:146 Resp: 12930
Ion Ratio Lower Upper
146 100
111 43.6 22.0 66.0
148 63.5 31.8 95.3

Manual Integrations
APPROVED

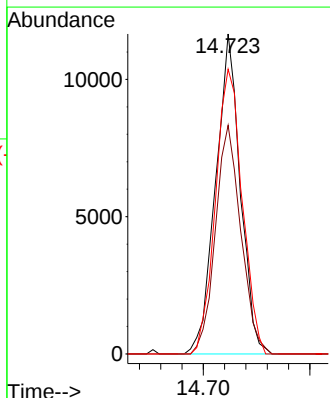
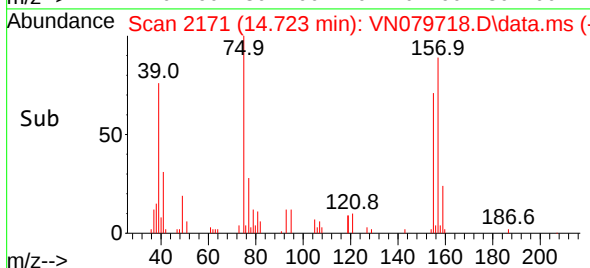
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

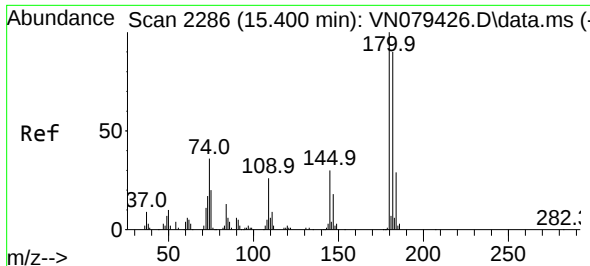


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.763 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58



Tgt Ion: 75 Resp: 18683
Ion Ratio Lower Upper
75 100
155 74.0 39.1 117.2
157 96.5 50.3 150.9





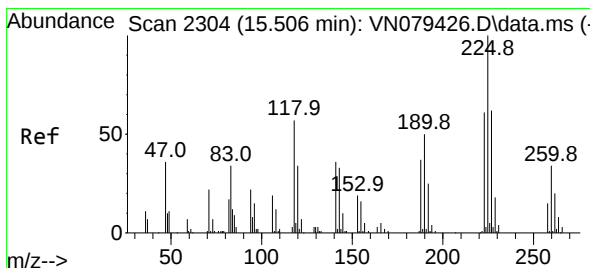
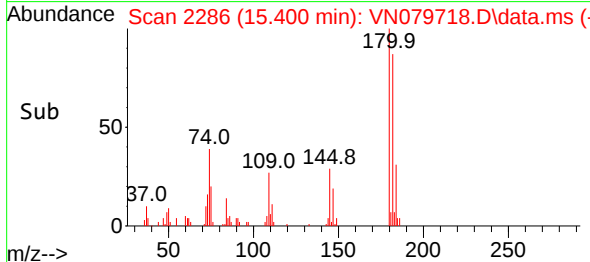
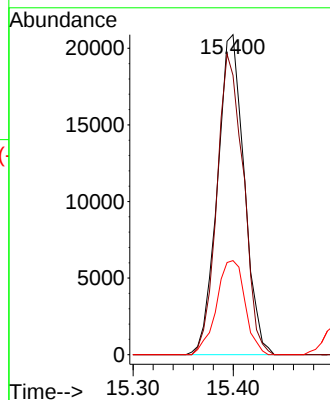
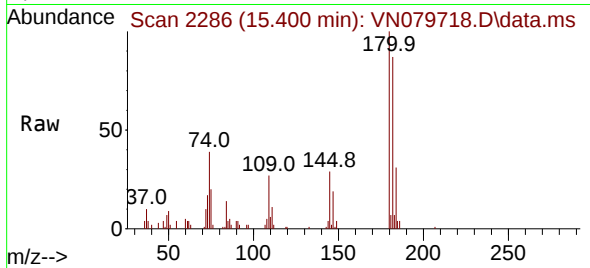
#93
1,2,4-Trichlorobenzene
Concen: 20.414 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:180 Resp: 3880
Ion Ratio Lower Upper
180 100
182 92.5 46.1 138.2
145 31.2 16.6 49.8

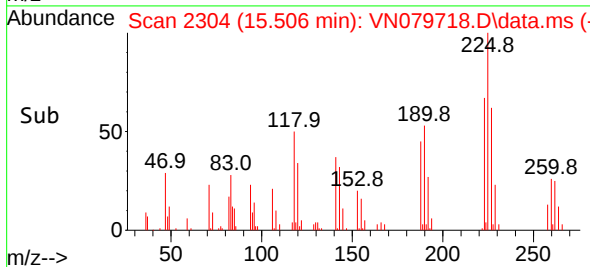
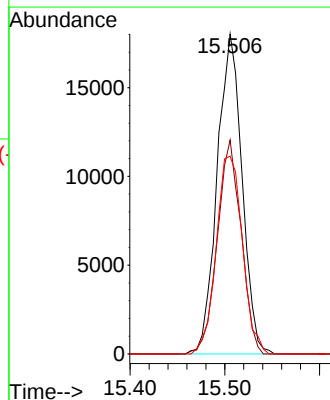
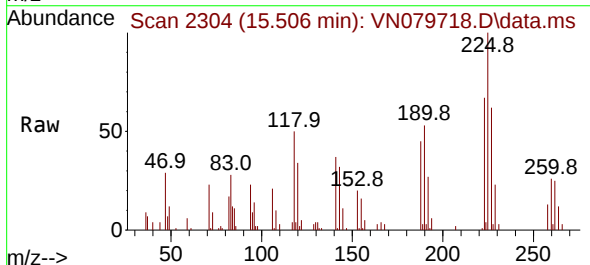
Manual Integrations
APPROVED

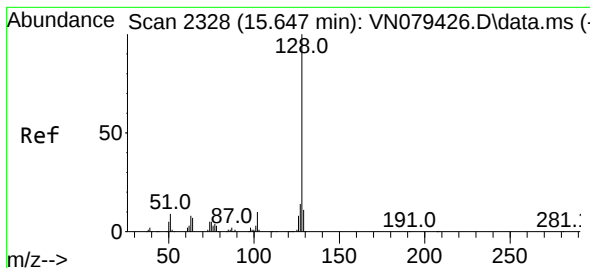
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#94
Hexachlorobutadiene
Concen: 19.476 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN079718.D
Acq: 30 Oct 2023 10:58

Tgt Ion:225 Resp: 32847
Ion Ratio Lower Upper
225 100
223 64.0 31.3 93.8
227 65.4 31.9 95.9





#95

Naphthalene

Concen: 19.524 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079718.D

Acq: 30 Oct 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:128 Resp: 107739

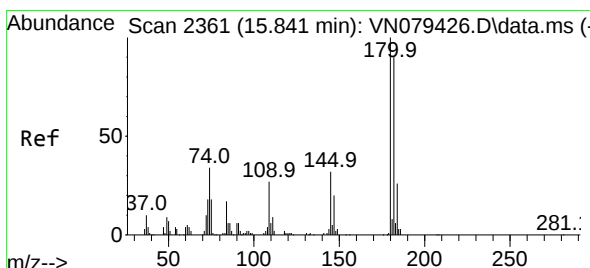
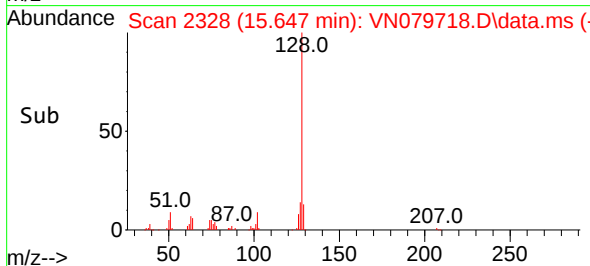
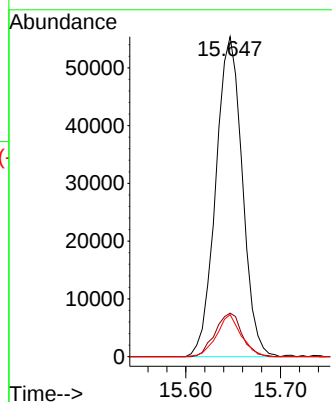
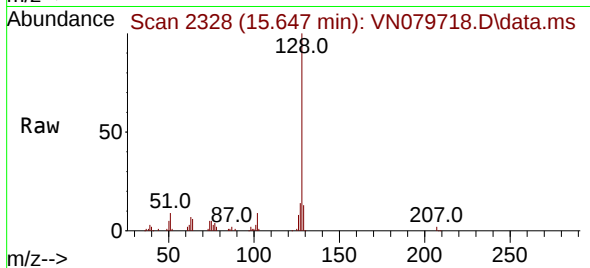
Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.0	15.0
129	12.2	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#96

1,2,3-Trichlorobenzene

Concen: 20.943 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN079718.D

Acq: 30 Oct 2023 10:58

Tgt Ion:180 Resp: 44454

Ion	Ratio	Lower	Upper
180	100		
182	90.8	46.2	138.6
145	33.6	17.5	52.6

