

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079787.D
 Acq On : 02 Nov 2023 10:52
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 02 11:09:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/03/2023
 Supervised By : Mahesh Dadoda 11/03/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	289062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	495652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	457547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	221145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	236011	53.591	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.180%			
35) Dibromofluoromethane	8.165	113	189291	53.959	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.920%			
50) Toluene-d8	10.571	98	708675	54.875	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.760%			
62) 4-Bromofluorobenzene	12.853	95	243016	56.739	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	187711	53.912	ug/l	98
3) Chloromethane	2.365	50	212973	43.862	ug/l	98
4) Vinyl Chloride	2.512	62	226016	49.590	ug/l	99
5) Bromomethane	2.954	94	165832	59.884	ug/l	98
6) Chloroethane	3.124	64	182036	51.321	ug/l	96
7) Trichlorofluoromethane	3.501	101	293553	51.785	ug/l	98
8) Diethyl Ether	3.959	74	106497	49.507	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.371	101	169801	51.671	ug/l	99
10) Methyl Iodide	4.595	142	180762	48.169	ug/l	98
11) Tert butyl alcohol	5.518	59	105458m	187.435	ug/l	
12) 1,1-Dichloroethene	4.342	96	157811	50.720	ug/l #	82
13) Acrolein	4.177	56	127565	277.402	ug/l	98
14) Allyl chloride	5.024	41	250554	49.902	ug/l #	90
15) Acrylonitrile	5.718	53	432095	246.635	ug/l	99
16) Acetone	4.424	43	410539	265.389	ug/l	96
17) Carbon Disulfide	4.718	76	457630	50.990	ug/l	100
18) Methyl Acetate	5.024	43	349054	47.163	ug/l #	84
19) Methyl tert-butyl Ether	5.795	73	540529	50.459	ug/l	93
20) Methylene Chloride	5.277	84	194218	49.757	ug/l #	81
21) trans-1,2-Dichloroethene	5.789	96	179941	51.854	ug/l #	78
22) Diisopropyl ether	6.671	45	627656	56.833	ug/l #	91
23) Vinyl Acetate	6.606	43	1650664	263.138	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	359857	53.610	ug/l	97
25) 2-Butanone	7.483	43	611124	269.781	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	293665	52.899	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	216135	52.069	ug/l	86
28) Bromochloromethane	7.812	49	176188	53.860	ug/l #	73
29) Tetrahydrofuran	7.836	42	377648	256.240	ug/l #	75
30) Chloroform	7.965	83	373425	51.215	ug/l	94
31) Cyclohexane	8.259	56	300324	51.607	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	314296	52.903	ug/l	92
36) 1,1-Dichloropropene	8.371	75	281664	56.233	ug/l	94
37) Ethyl Acetate	7.559	43	233358	50.799	ug/l #	91
38) Carbon Tetrachloride	8.365	117	274525	54.383	ug/l	98
39) Methylcyclohexane	9.600	83	263760	55.955	ug/l #	88
40) Benzene	8.606	78	824282	54.944	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	131439	53.882	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	292125	55.745	ug/l	98
43) Isopropyl Acetate	8.688	43	391898	48.647	ug/l #	91
44) Trichloroethene	9.353	130	197033	52.927	ug/l	93
45) 1,2-Dichloropropane	9.624	63	214918	56.057	ug/l	98
46) Dibromomethane	9.712	93	142273	54.347	ug/l	95
47) Bromodichloromethane	9.888	83	297189	53.231	ug/l	97
48) Methyl methacrylate	9.682	41	193042	54.707	ug/l #	81
49) 1,4-Dioxane	9.694	88	57678	925.058	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1217915	268.531	ug/l	90
52) Toluene	10.629	92	505130	56.794	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	303518	55.456	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	335372	56.217	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	193287	54.031	ug/l	96
56) Ethyl methacrylate	10.877	69	286076	56.064	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	349379	55.408	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	708550	273.971	ug/l	90
59) 2-Hexanone	11.200	43	951397	274.207	ug/l	87
60) Dibromochloromethane	11.359	129	213517	55.761	ug/l	100
61) 1,2-Dibromoethane	11.471	107	192070	53.494	ug/l	99
64) Tetrachloroethene	11.106	164	160216	54.066	ug/l	97
65) Chlorobenzene	11.894	112	528203	53.219	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	196704	55.008	ug/l	98
67) Ethyl Benzene	11.965	91	980527	56.704	ug/l	96
68) m/p-Xylenes	12.071	106	743164	115.370	ug/l	96
69) o-Xylene	12.400	106	349564	56.355	ug/l	93
70) Styrene	12.412	104	601216	60.311	ug/l	98
71) Bromoform	12.576	173	139186	54.815	ug/l #	98
73) Isopropylbenzene	12.694	105	888796	52.956	ug/l	99
74) N-amyl acetate	12.494	43	348815	47.614	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	282004	47.390	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	245798m	49.224	ug/l	
77) Bromobenzene	12.982	156	212141	51.628	ug/l	97
78) n-propylbenzene	13.035	91	1087003	56.556	ug/l	97
79) 2-Chlorotoluene	13.123	91	651825	53.088	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	736880	56.431	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	86803	45.489	ug/l #	83
82) 4-Chlorotoluene	13.223	91	653315	53.547	ug/l	100
83) tert-Butylbenzene	13.441	119	593407	55.517	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	750997	58.455	ug/l	99
85) sec-Butylbenzene	13.618	105	830490	56.081	ug/l	99
86) p-Isopropyltoluene	13.729	119	697392	57.761	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	396598	51.884	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	398285	51.237	ug/l	99
89) n-Butylbenzene	14.059	91	590013	56.737	ug/l	99
90) Hexachloroethane	14.335	117	124596	52.108	ug/l	86
91) 1,2-Dichlorobenzene	14.106	146	383183	53.102	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	46511	46.090	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	176816	51.533	ug/l	96
94) Hexachlorobutadiene	15.500	225	80287	51.618	ug/l	99
95) Naphthalene	15.641	128	523227	44.967	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	168442	50.082	ug/l	97

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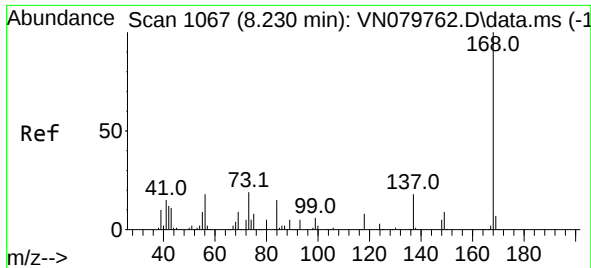
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/03/2023

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Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 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



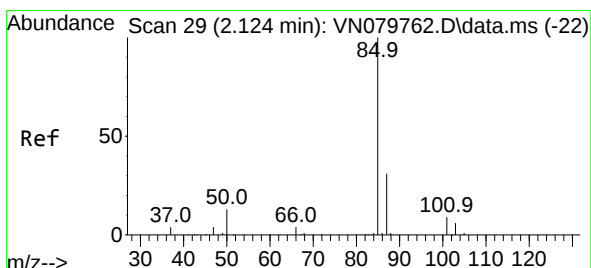
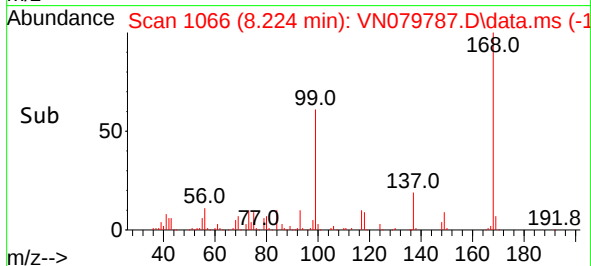
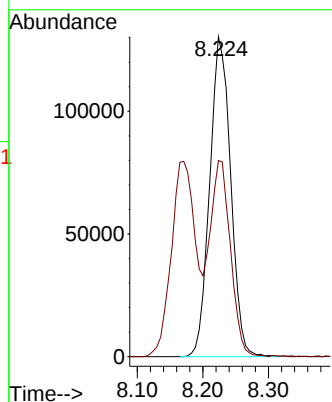
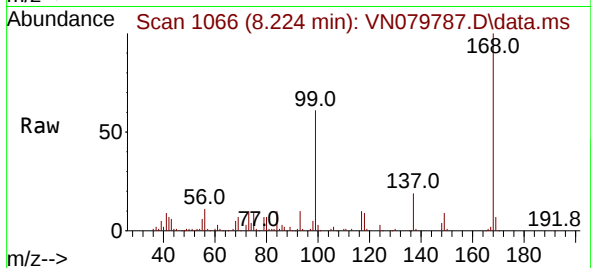
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.006 min
Lab File: VN079787.D
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ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 289062
Ion Ratio Lower Upper
168 100
99 61.2 53.0 79.6

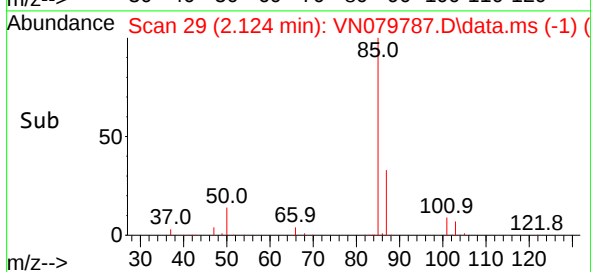
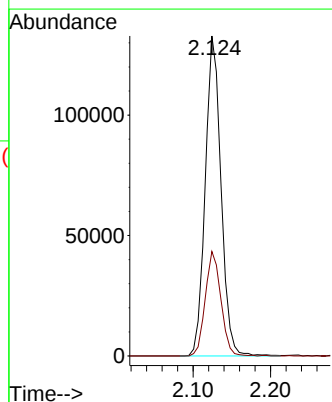
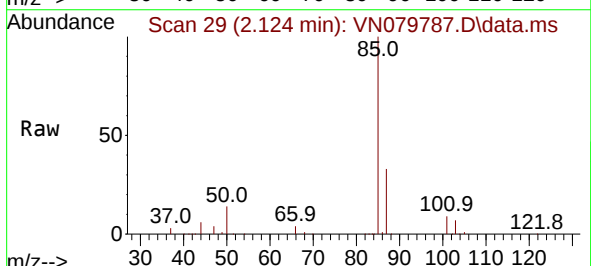
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#2
Dichlorodifluoromethane
Concen: 53.912 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

Tgt Ion: 85 Resp: 187711
Ion Ratio Lower Upper
85 100
87 32.7 15.8 47.4





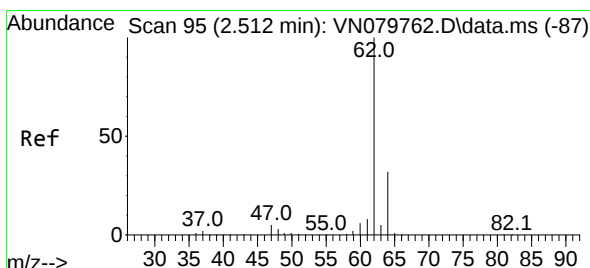
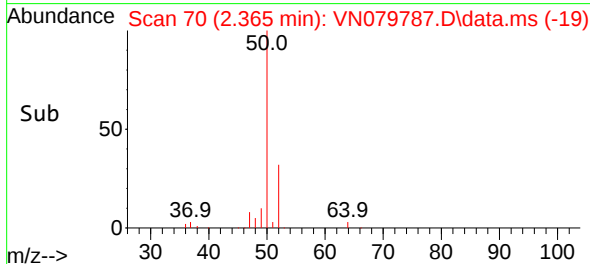
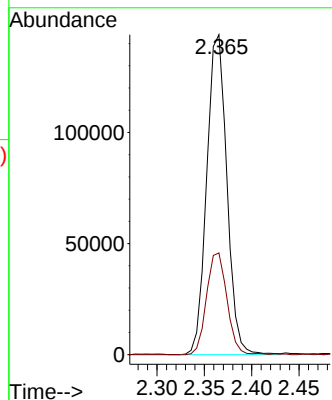
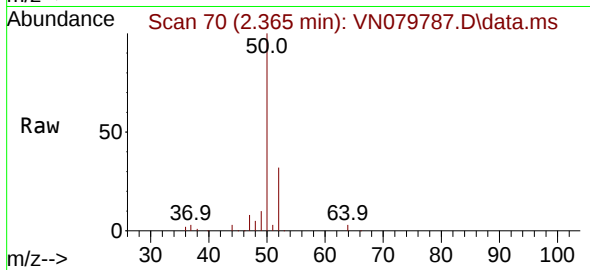
#3
Chloromethane
Concen: 43.862 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 21297
Ion Ratio Lower Upper
50 100
52 31.8 26.5 39.7

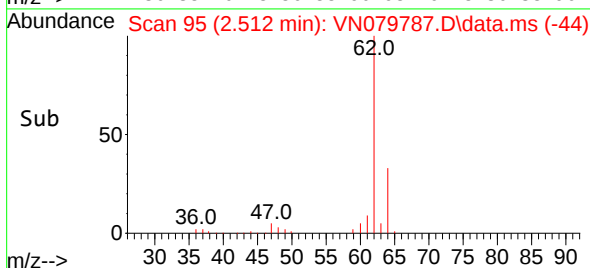
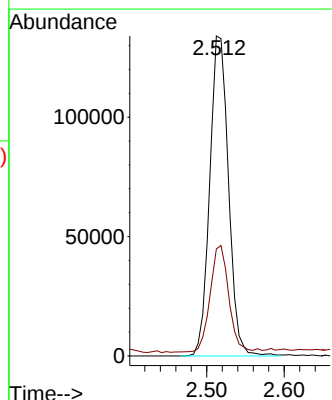
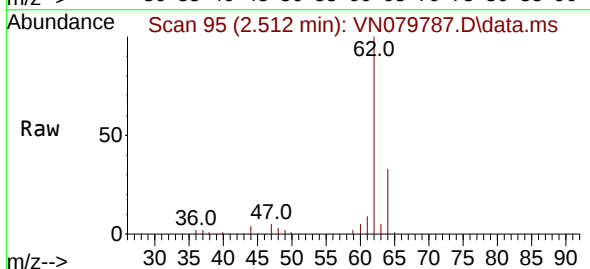
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#4
Vinyl Chloride
Concen: 49.590 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079787.D
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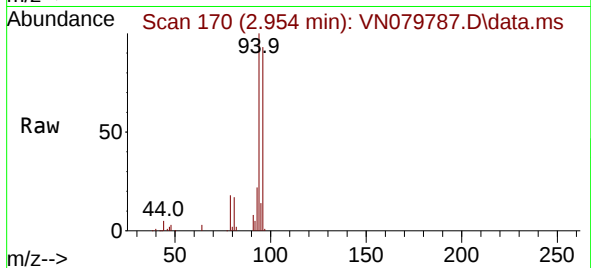
Tgt Ion: 62 Resp: 226016
Ion Ratio Lower Upper
62 100
64 32.2 26.2 39.2





#5
Bromomethane
Concen: 59.884 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

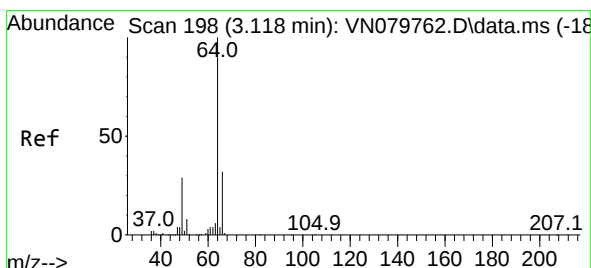
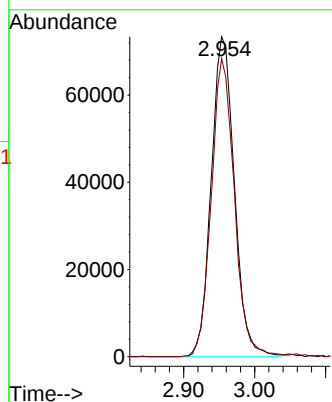
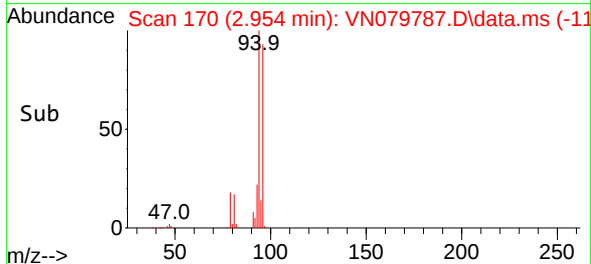
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 16583
Ion Ratio Lower Upper
94 100
96 93.1 73.1 109.7

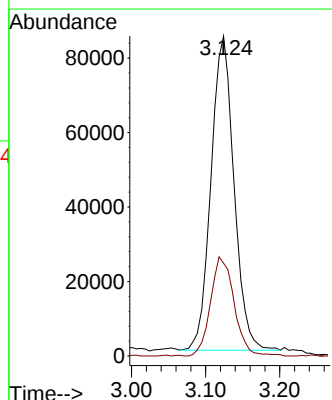
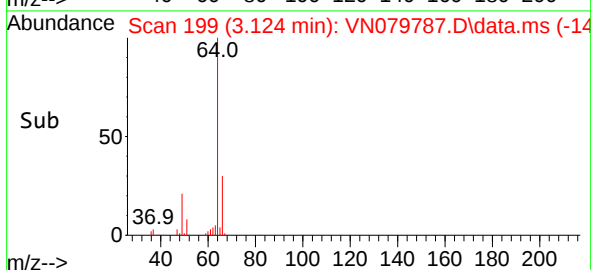
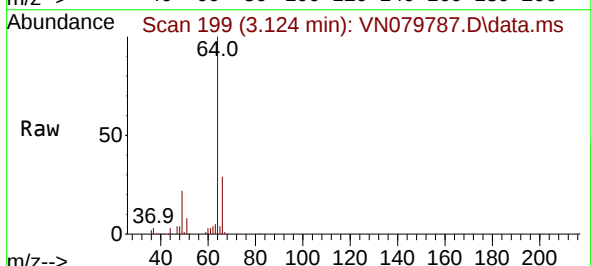
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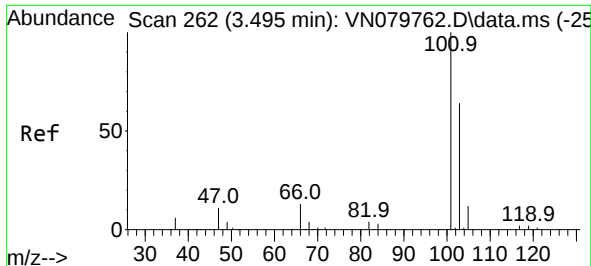
Reviewed By :John Carlone 11/03/2023
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#6
Chloroethane
Concen: 51.321 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

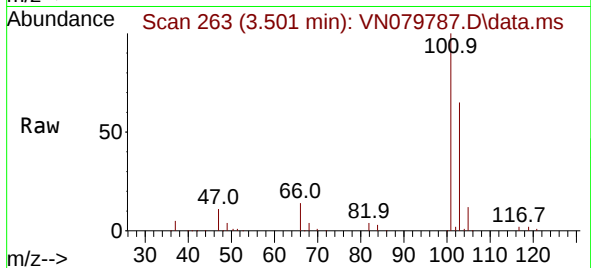
Tgt Ion: 64 Resp: 182036
Ion Ratio Lower Upper
64 100
66 29.4 25.4 38.2





#7
Trichlorofluoromethane
Concen: 51.785 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.012 min
Lab File: VN079787.D
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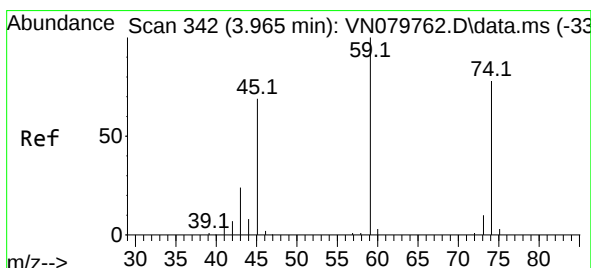
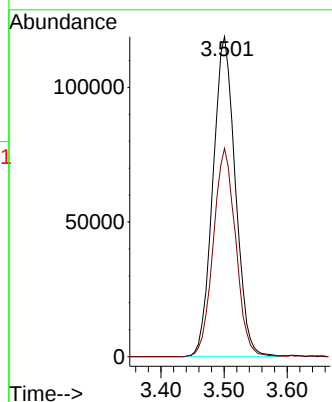
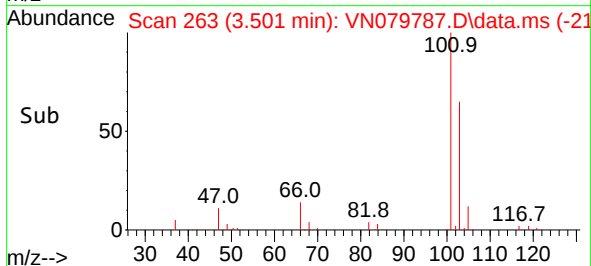
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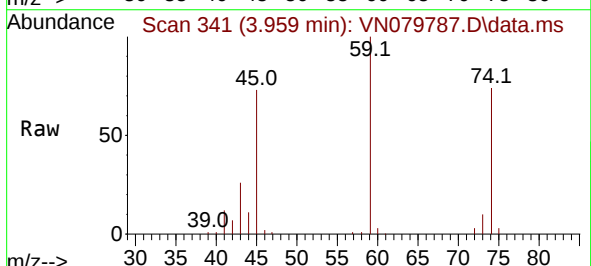
Tgt Ion:101 Resp: 29355
Ion Ratio Lower Upper
101 100
103 65.1 50.7 76.1

Manual Integrations
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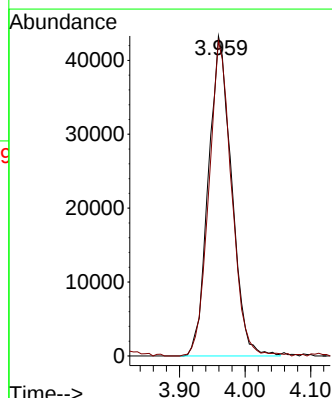
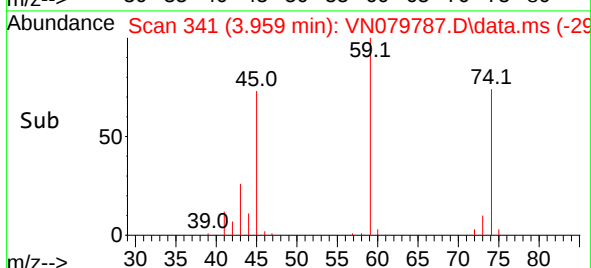
Reviewed By :John Carlone 11/03/2023
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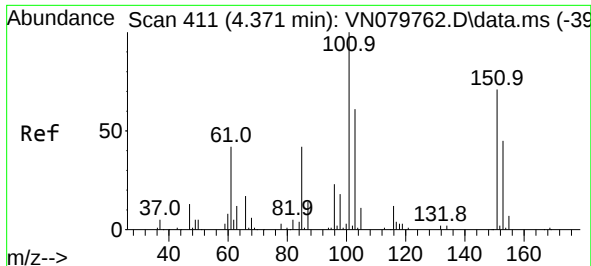


#8
Diethyl Ether
Concen: 49.507 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 106497
Ion Ratio Lower Upper
74 100
45 96.3 34.4 103.3





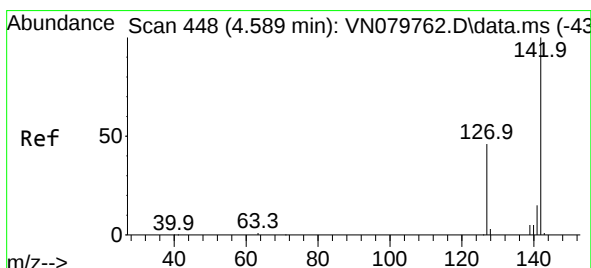
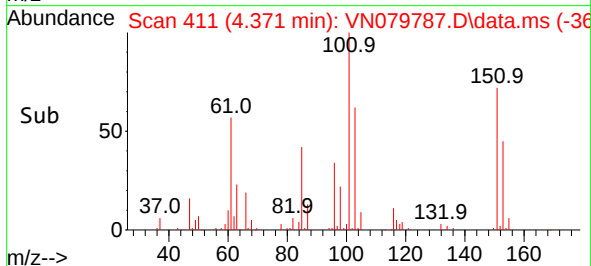
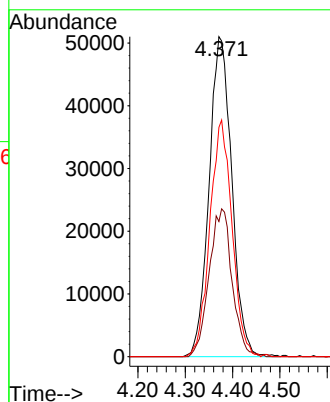
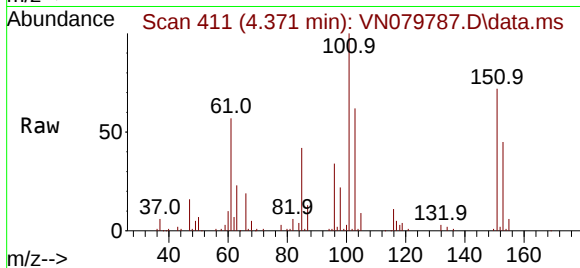
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1,1,2-Trichlorotrifluoroethane
Concen: 51.671 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

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Tgt Ion:101 Resp: 16980
Ion Ratio Lower Upper
101 100
85 46.8 36.6 55.0
151 72.2 57.6 86.4

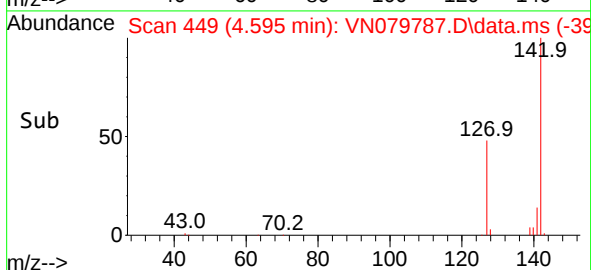
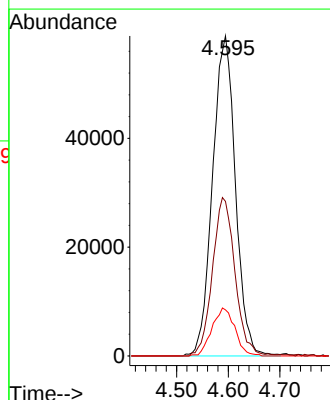
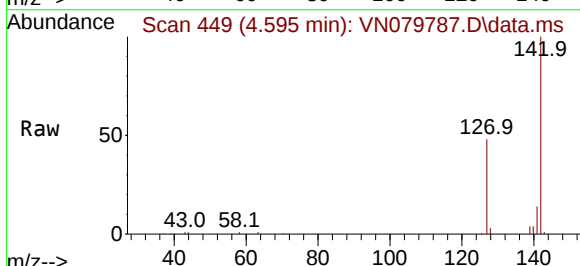
Manual Integrations
APPROVED

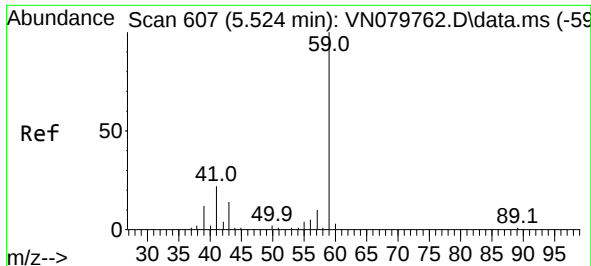
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#10
Methyl Iodide
Concen: 48.169 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

Tgt Ion:142 Resp: 180762
Ion Ratio Lower Upper
142 100
127 48.3 37.6 56.4
141 14.4 11.4 17.0





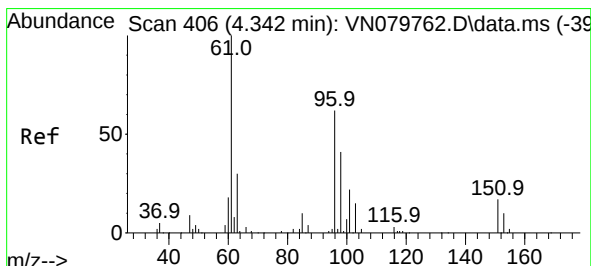
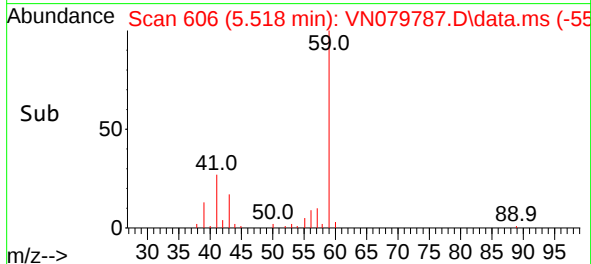
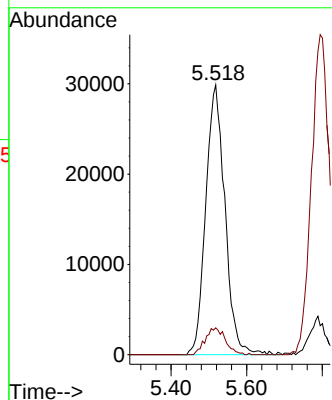
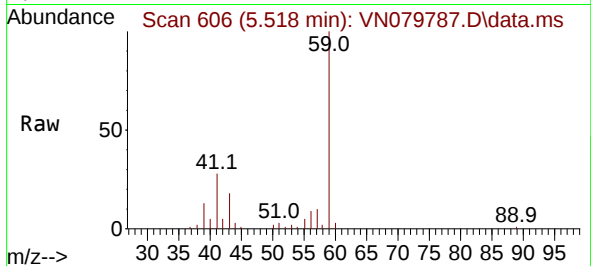
#11
Tert butyl alcohol
Concen: 187.435 ug/l m
RT: 5.518 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 105458
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

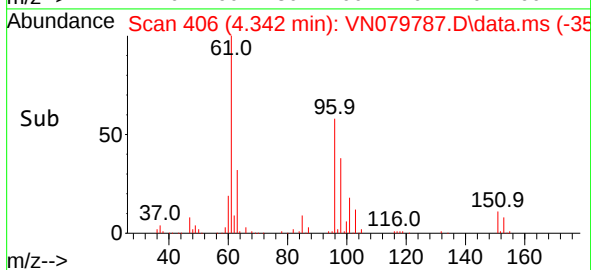
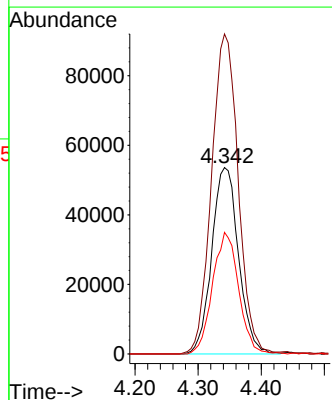
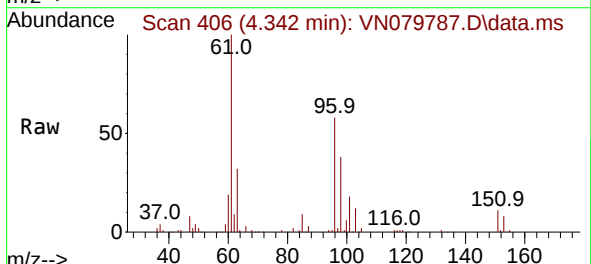
Manual Integrations
APPROVED

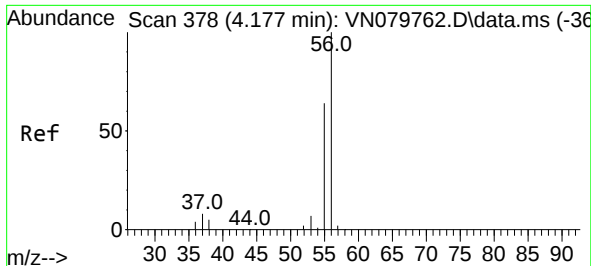
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#12
1,1-Dichloroethene
Concen: 50.720 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

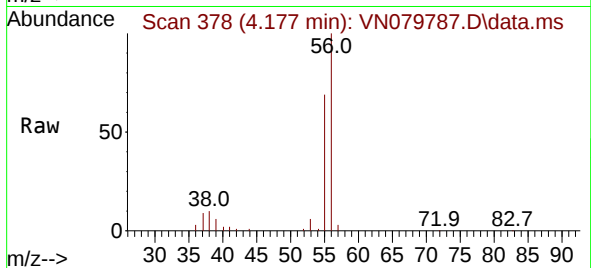
Tgt Ion: 96 Resp: 157811
Ion Ratio Lower Upper
96 100
61 171.7 112.7 169.1#
98 65.3 51.2 76.8





#13
Acrolein
Concen: 277.402 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

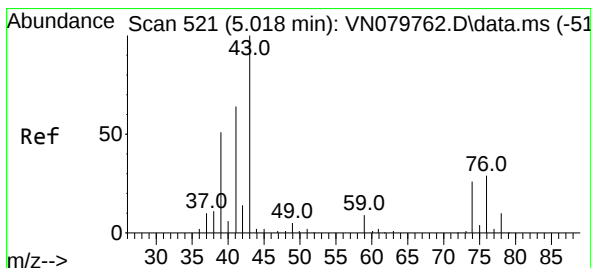
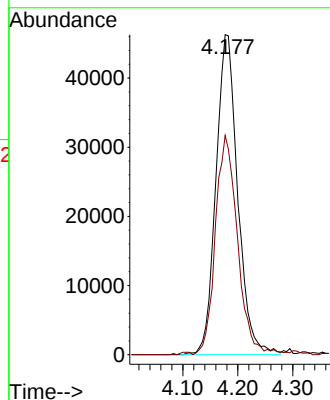
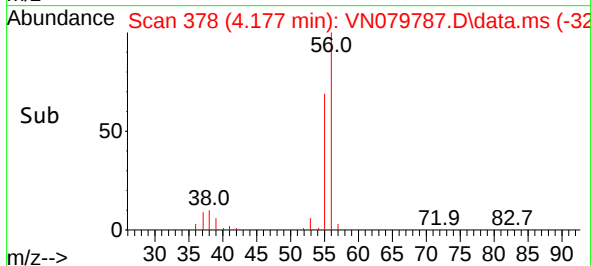
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 12756
Ion Ratio Lower Upper
56 100
55 69.5 54.5 81.7

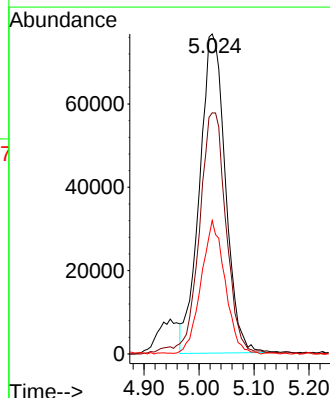
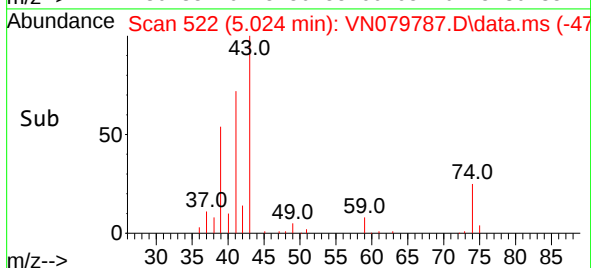
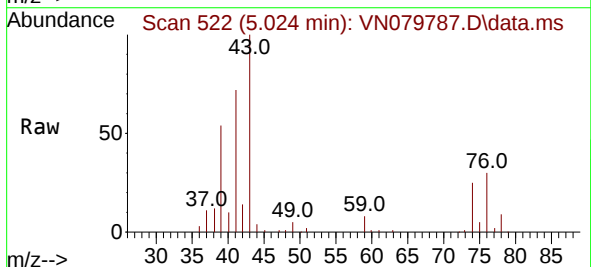
Manual Integrations
APPROVED

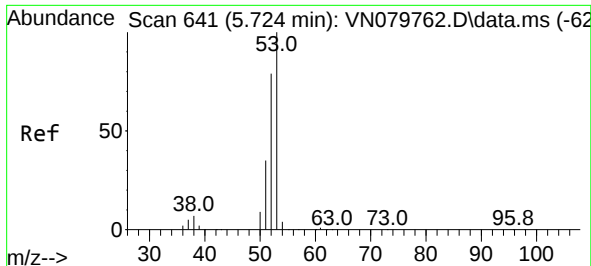
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#14
Allyl chloride
Concen: 49.902 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

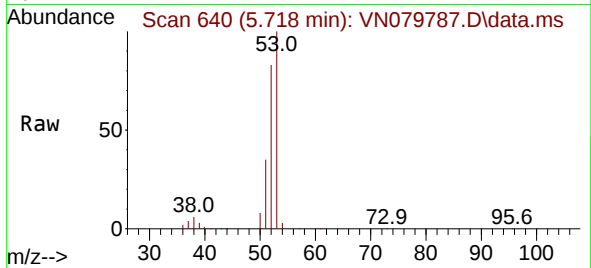
Tgt Ion: 41 Resp: 250554
Ion Ratio Lower Upper
41 100
39 78.9 58.8 88.2
76 38.8 39.1 58.7#





#15
Acrylonitrile
Concen: 246.635 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

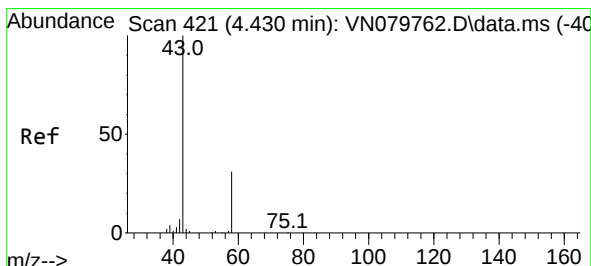
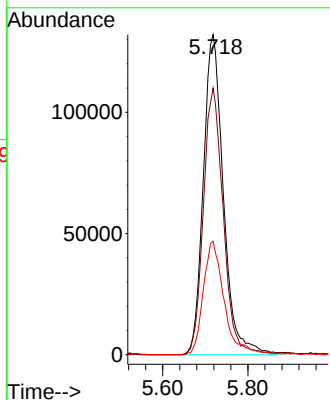
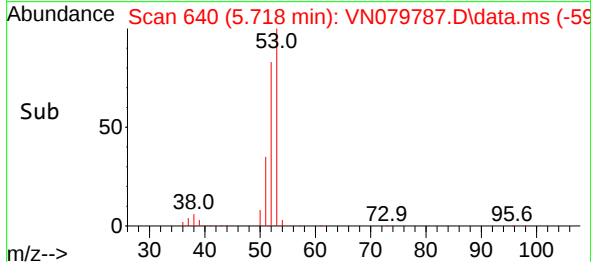
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 432099
Ion Ratio Lower Upper
53 100
52 82.4 65.3 97.9
51 36.8 28.9 43.3

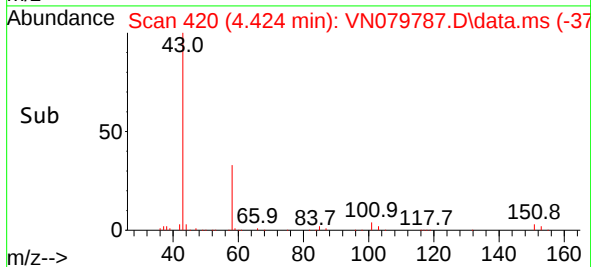
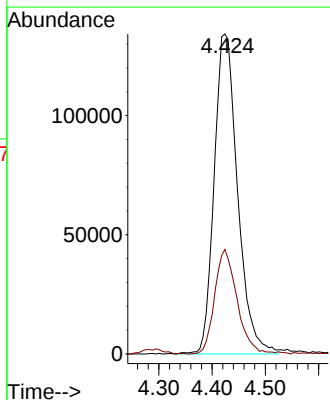
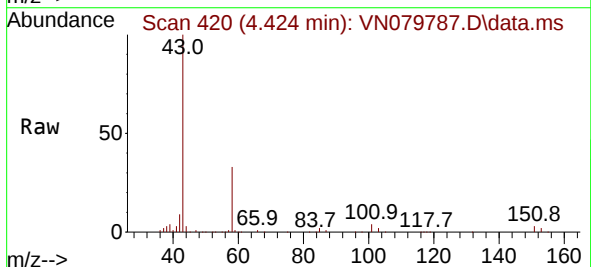
Manual Integrations
APPROVED

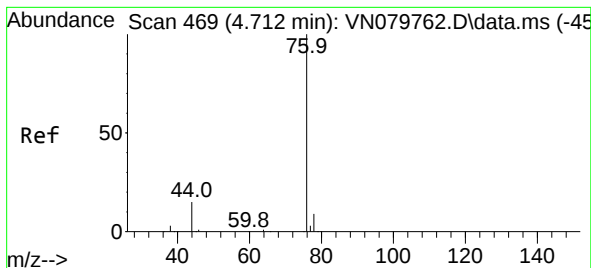
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#16
Acetone
Concen: 265.389 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

Tgt Ion: 43 Resp: 410539
Ion Ratio Lower Upper
43 100
58 32.5 28.0 42.0





#17

Carbon Disulfide

Concen: 50.990 ug/l

RT: 4.718 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN079787.D

Acq: 02 Nov 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 457630

Ion Ratio Lower Upper

76 100

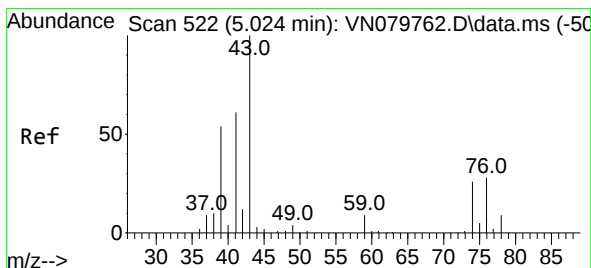
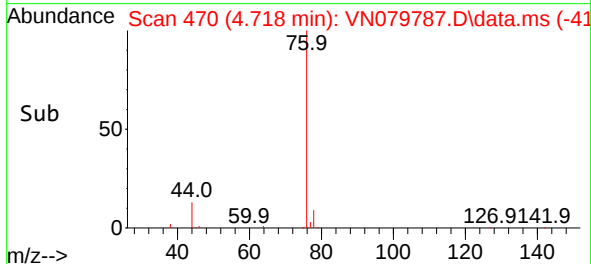
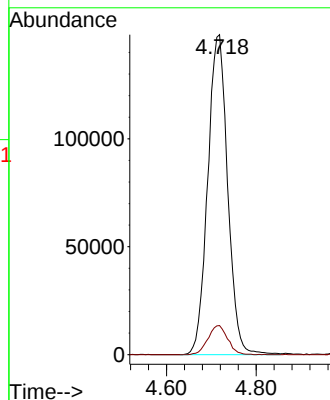
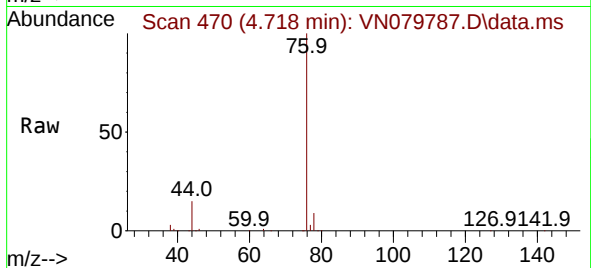
78 9.1 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#18

Methyl Acetate

Concen: 47.163 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.006 min

Lab File: VN079787.D

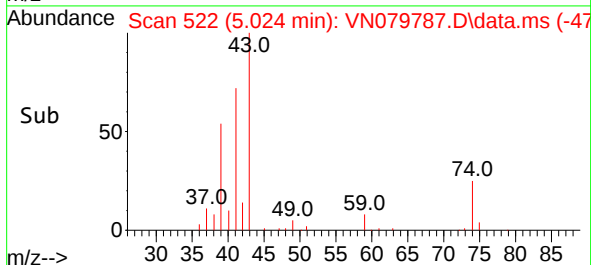
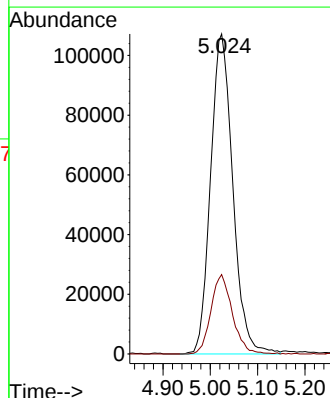
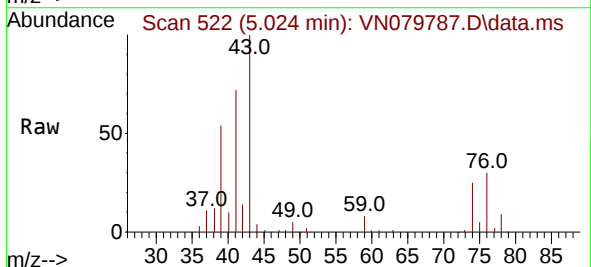
Acq: 02 Nov 2023 10:52

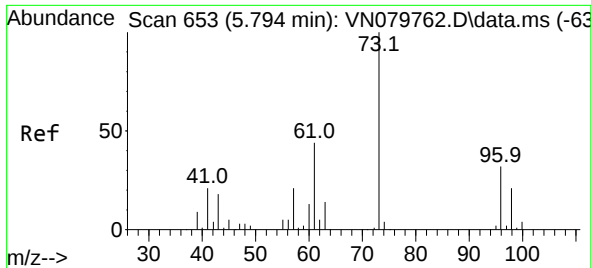
Tgt Ion: 43 Resp: 349054

Ion Ratio Lower Upper

43 100

74 23.9 26.2 39.4#





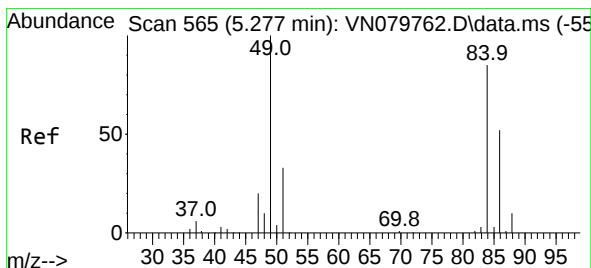
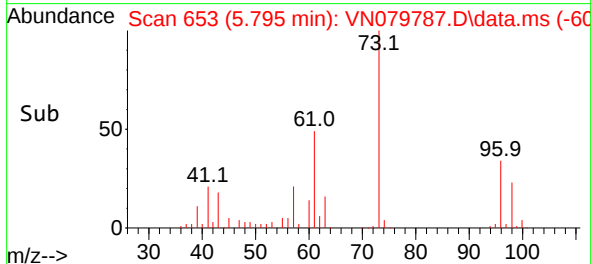
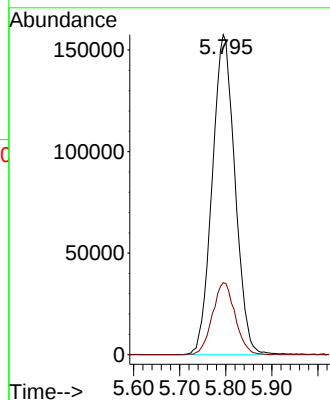
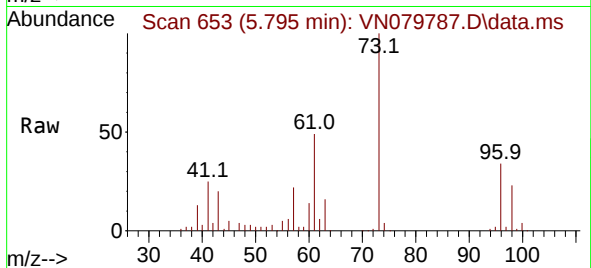
#19
Methyl tert-butyl Ether
Concen: 50.459 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 540529
Ion Ratio Lower Upper
73 100
57 22.5 15.6 23.4

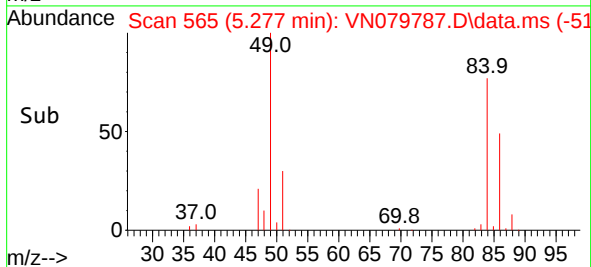
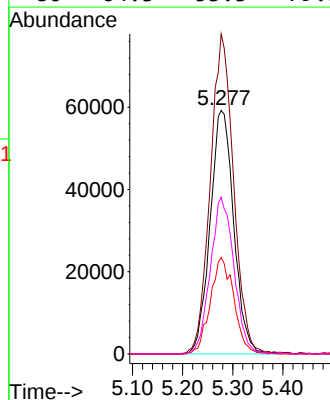
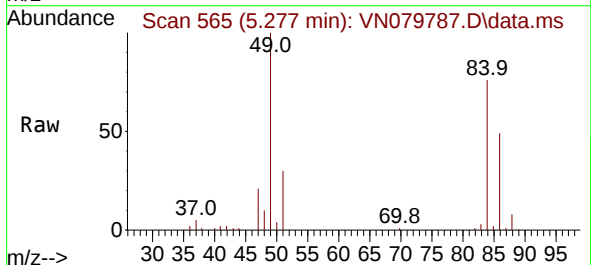
Manual Integrations
APPROVED

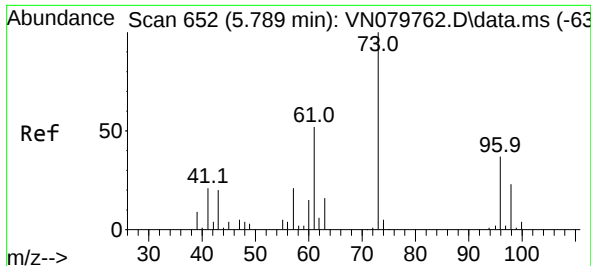
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#20
Methylene Chloride
Concen: 49.757 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

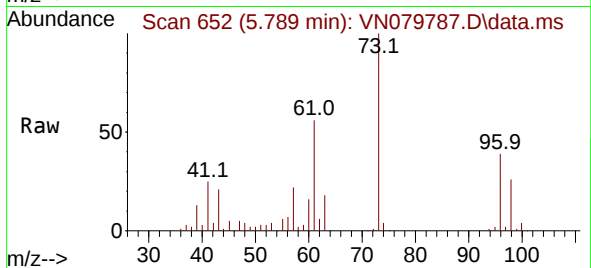
Tgt Ion: 84 Resp: 194218
Ion Ratio Lower Upper
84 100
49 131.4 79.7 119.5#
51 39.6 25.2 37.8#
86 64.3 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 51.854 ug/l
RT: 5.789 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

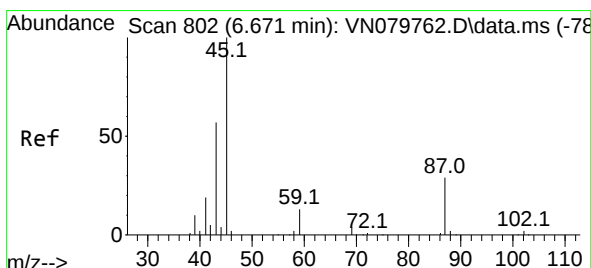
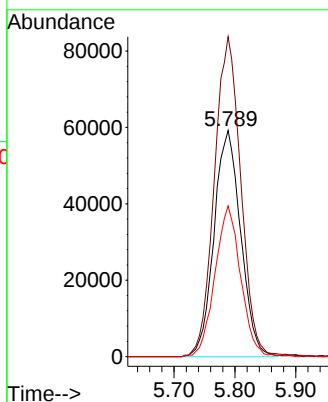
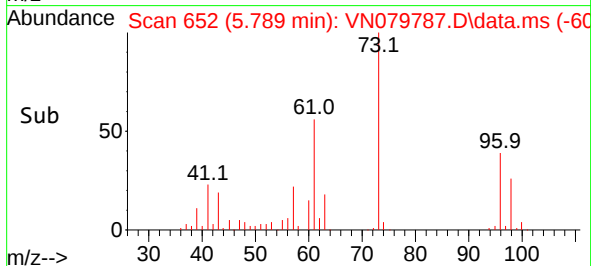
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



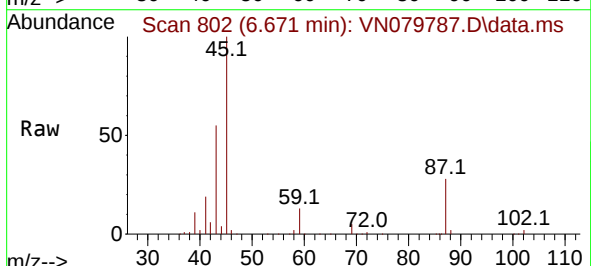
Tgt Ion: 96 Resp: 17994
Ion Ratio Lower Upper
96 100
61 141.5 90.1 135.1
98 66.6 46.4 69.6

Manual Integrations
APPROVED

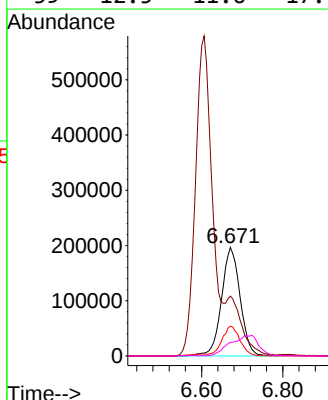
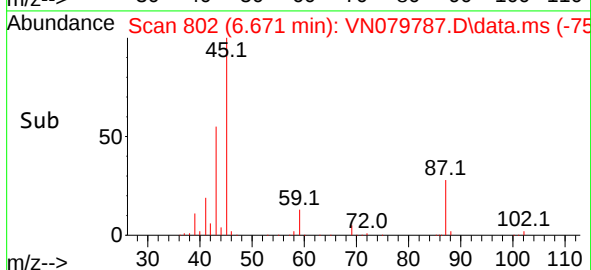
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

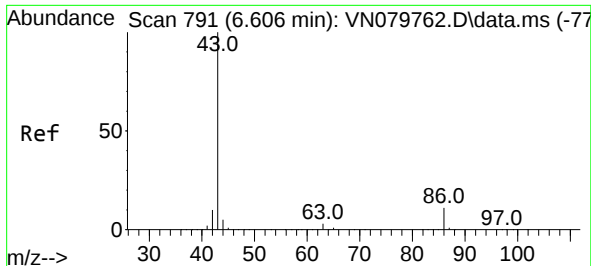


#22
Diisopropyl ether
Concen: 56.833 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52



Tgt Ion: 45 Resp: 627656
Ion Ratio Lower Upper
45 100
43 54.6 45.5 68.3
87 27.4 31.8 47.8
59 12.5 11.6 17.4





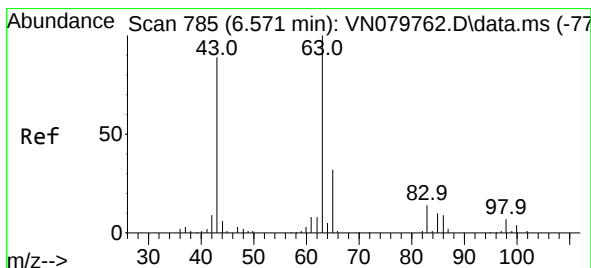
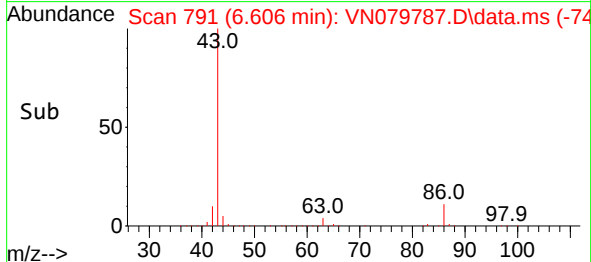
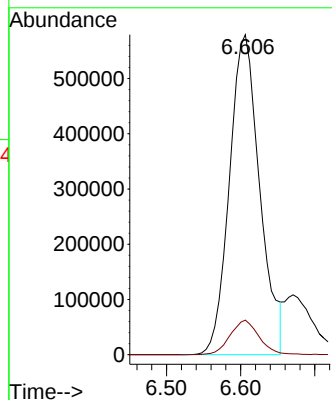
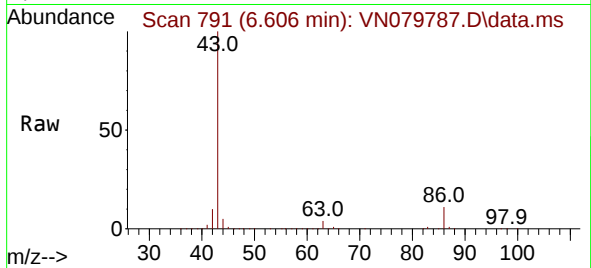
#23
 Vinyl Acetate
 Concen: 263.138 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079787.D
 Acq: 02 Nov 2023 10:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1650664
 Ion Ratio Lower Upper
 43 100
 86 10.8 13.0 19.6

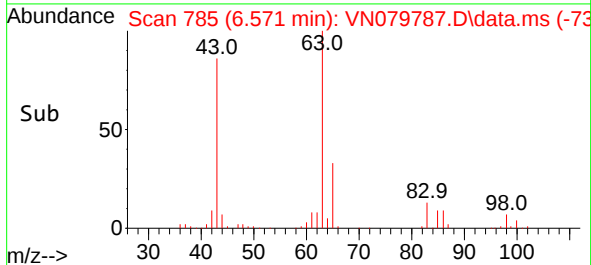
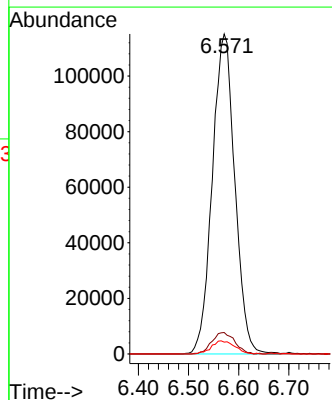
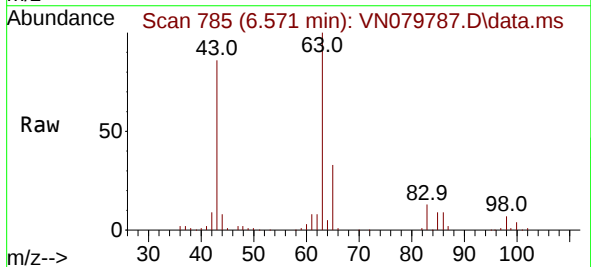
Manual Integrations
 APPROVED

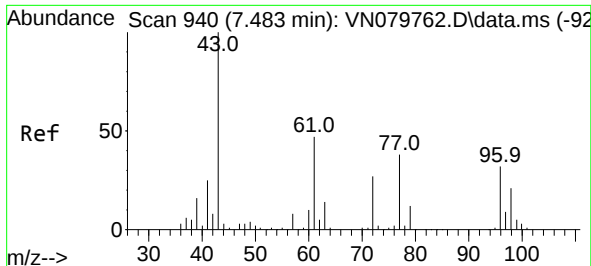
Reviewed By :John Carlone 11/03/2023
 Supervised By :Mahesh Dadoda 11/03/2023



#24
 1,1-Dichloroethane
 Concen: 53.610 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079787.D
 Acq: 02 Nov 2023 10:52

Tgt Ion: 63 Resp: 359857
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.7
 100 3.7 2.5 7.4





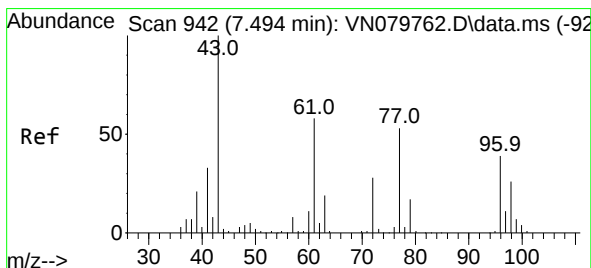
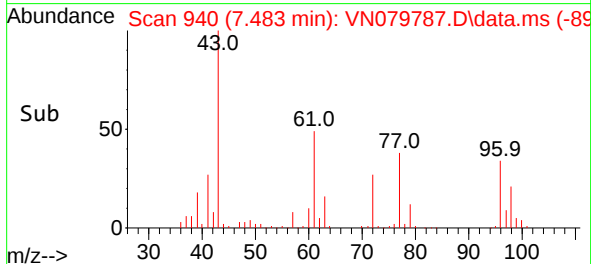
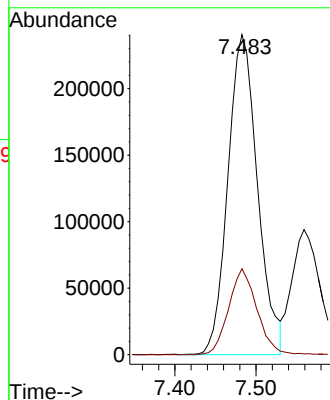
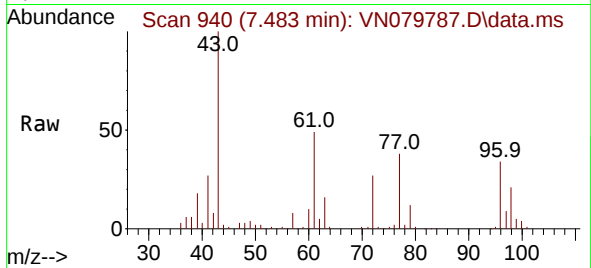
#25
2-Butanone
Concen: 269.781 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.005 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 611124
Ion Ratio Lower Upper
43 100
72 26.8 30.2 45.2

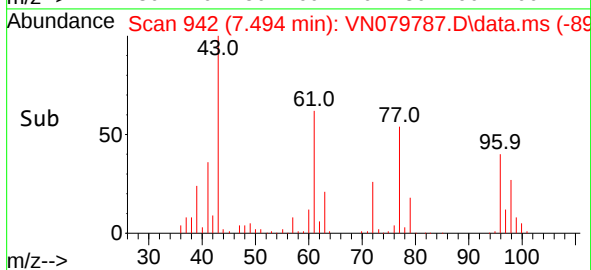
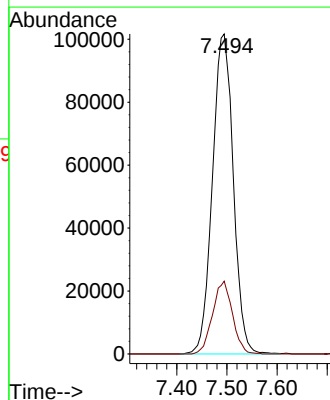
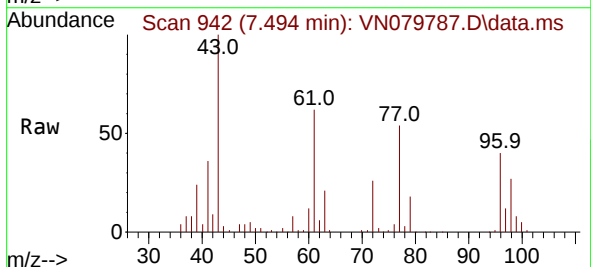
Manual Integrations
APPROVED

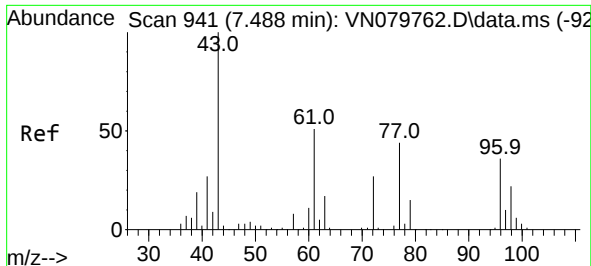
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#26
2,2-Dichloropropane
Concen: 52.899 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

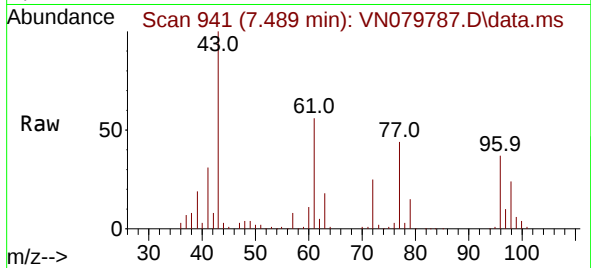
Tgt Ion: 77 Resp: 293665
Ion Ratio Lower Upper
77 100
97 21.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 52.069 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079787.D
 Acq: 02 Nov 2023 10:52

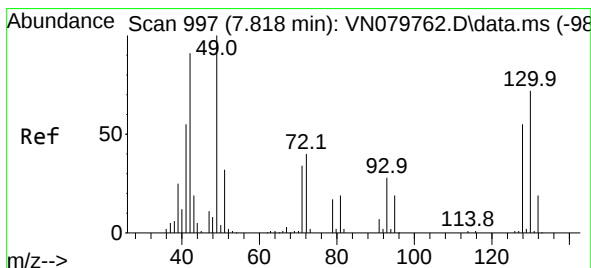
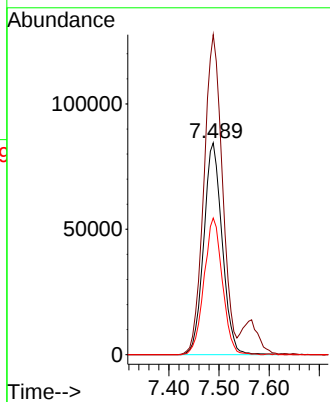
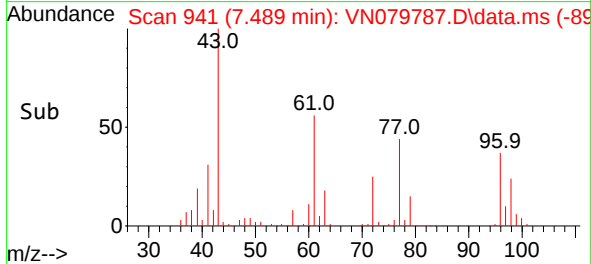
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 216138
 Ion Ratio Lower Upper
 96 100
 61 151.2 0.0 255.2
 98 64.2 0.0 128.8

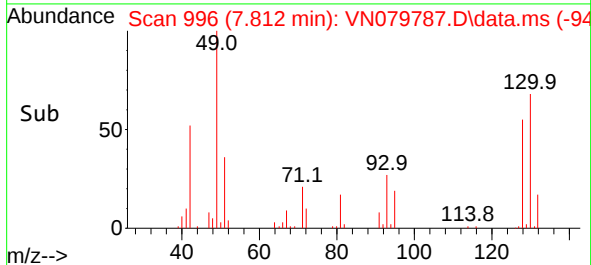
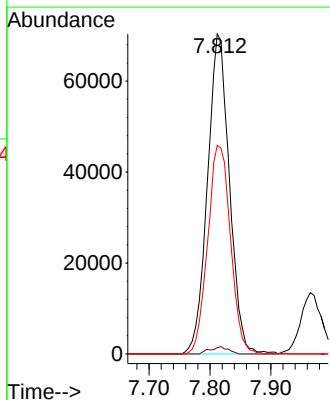
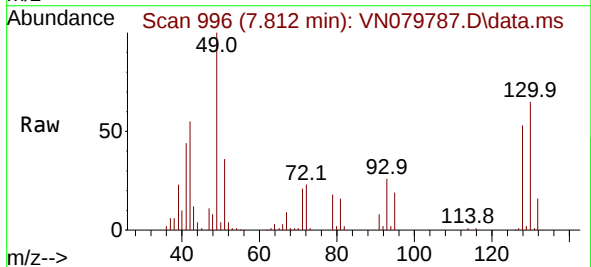
Manual Integrations
 APPROVED

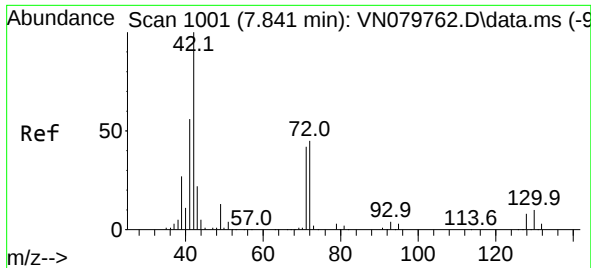
Reviewed By :John Carlone 11/03/2023
 Supervised By :Mahesh Dadoda 11/03/2023



#28
 Bromochloromethane
 Concen: 53.860 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN079787.D
 Acq: 02 Nov 2023 10:52

Tgt Ion: 49 Resp: 176188
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 67.5 75.3 112.9#





#29

Tetrahydrofuran

Concen: 256.240 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.005 min

Lab File: VN079787.D

Acq: 02 Nov 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 377648

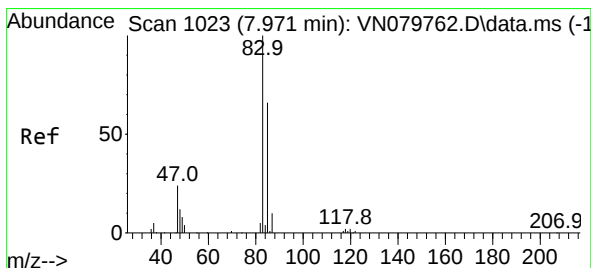
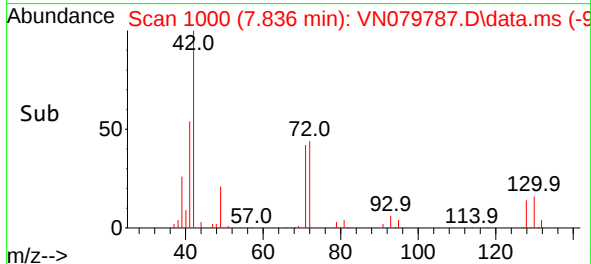
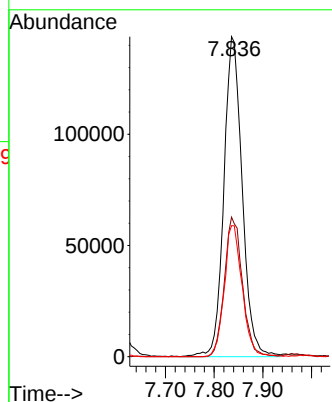
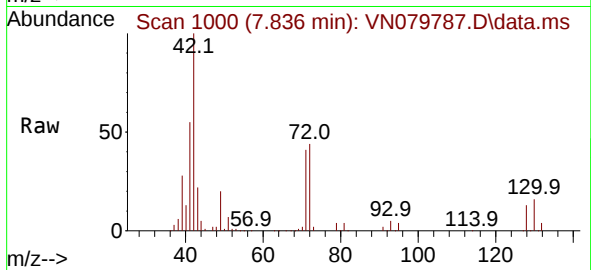
Ion	Ratio	Lower	Upper
42	100		
72	42.9	49.8	74.6
71	39.9	47.4	71.2

Manual Integrations

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Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#30

Chloroform

Concen: 51.215 ug/l

RT: 7.965 min Scan# 1022

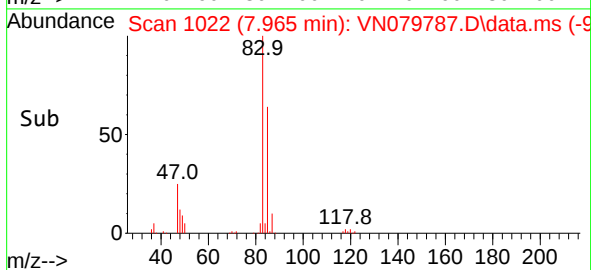
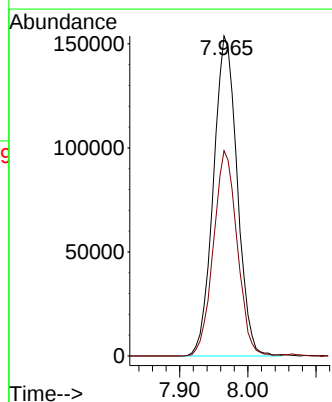
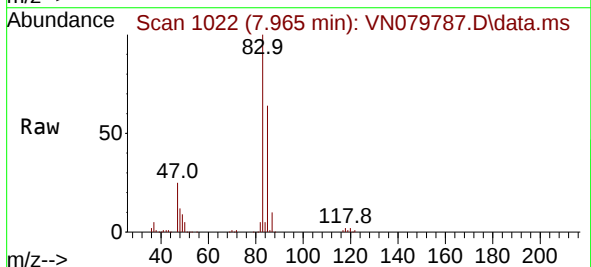
Delta R.T. -0.006 min

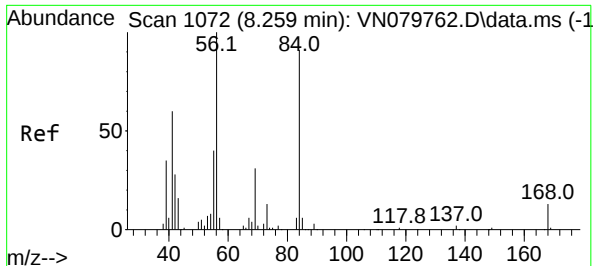
Lab File: VN079787.D

Acq: 02 Nov 2023 10:52

Tgt Ion: 83 Resp: 373425

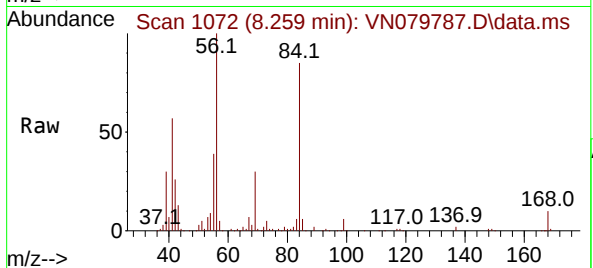
Ion	Ratio	Lower	Upper
83	100		
85	64.2	55.4	83.0





#31
Cyclohexane
Concen: 51.607 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

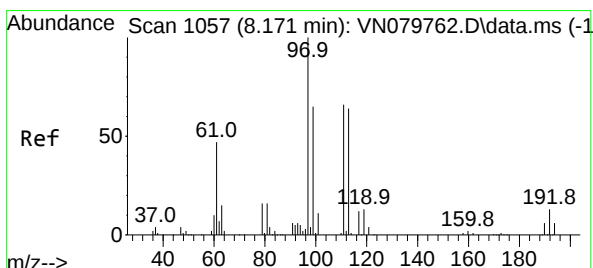
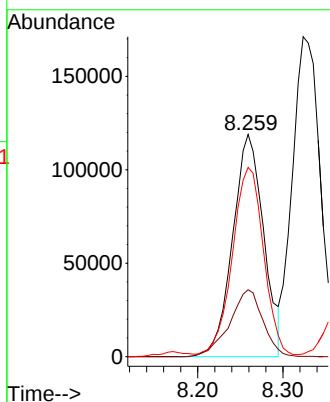
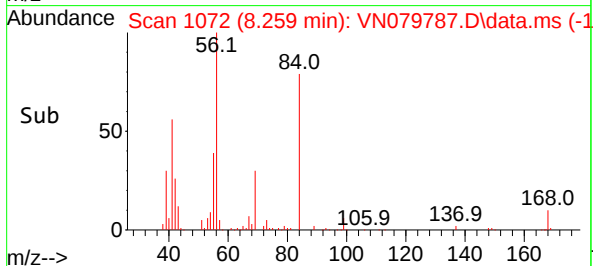
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



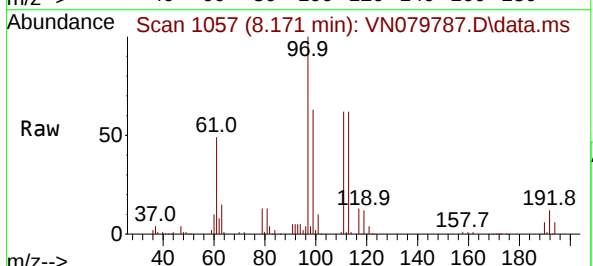
Tgt Ion: 56 Resp: 300324
Ion Ratio Lower Upper
56 100
69 30.1 26.8 40.2
84 83.3 81.8 122.6

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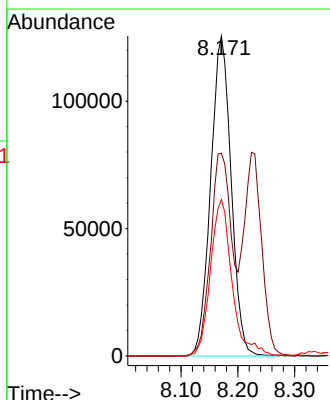
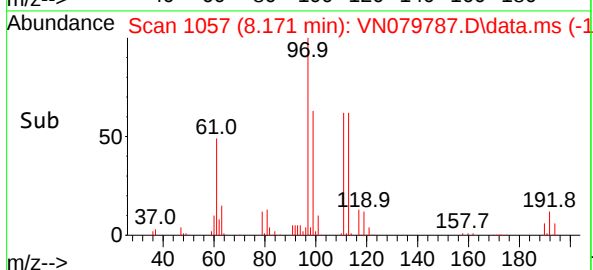
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

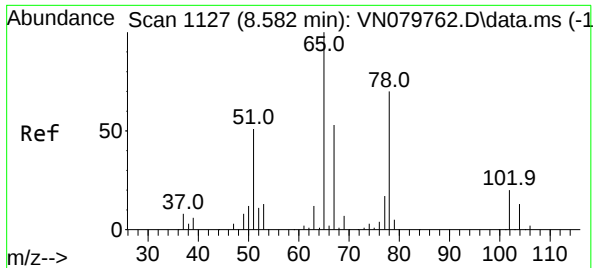


#32
1,1,1-Trichloroethane
Concen: 52.903 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52



Tgt Ion: 97 Resp: 314296
Ion Ratio Lower Upper
97 100
99 66.2 50.3 75.5
61 51.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 53.591 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079787.D

Acq: 02 Nov 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 23601

Ion Ratio Lower Upper

65 100

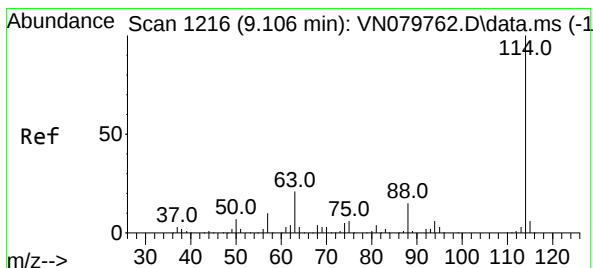
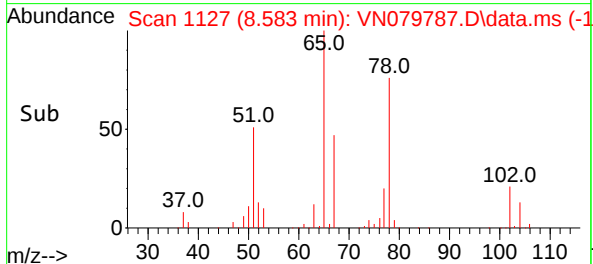
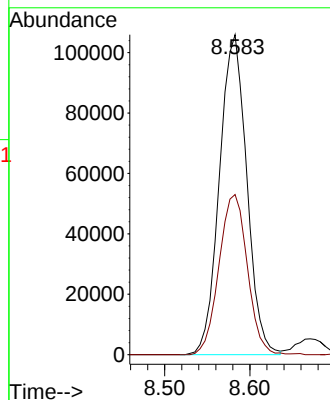
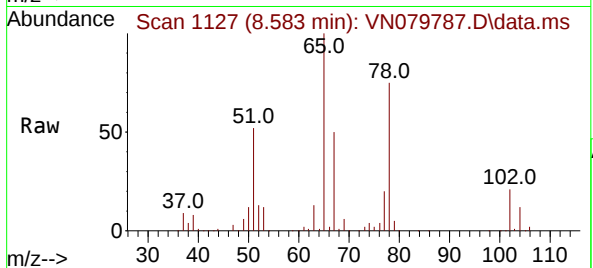
67 52.0 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN079787.D

Acq: 02 Nov 2023 10:52

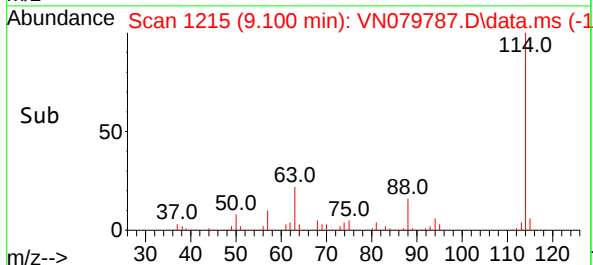
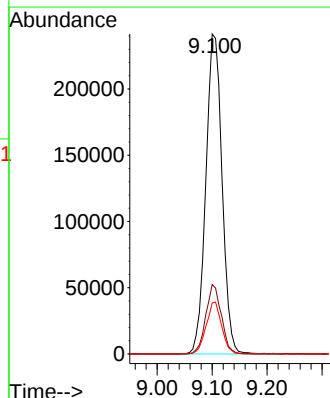
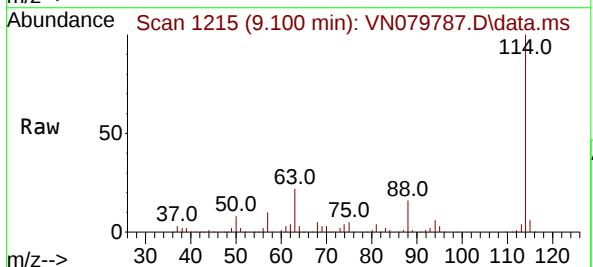
Tgt Ion:114 Resp: 495652

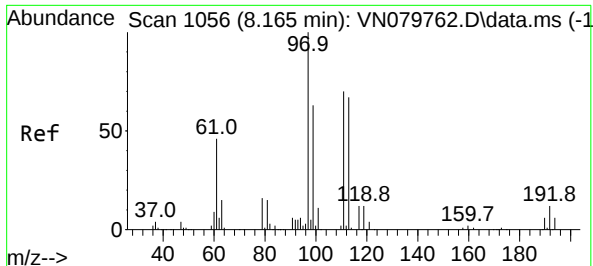
Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.959 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN079787.D

Acq: 02 Nov 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 18929

Ion Ratio Lower Upper

113 100

111 101.1 82.6 123.8

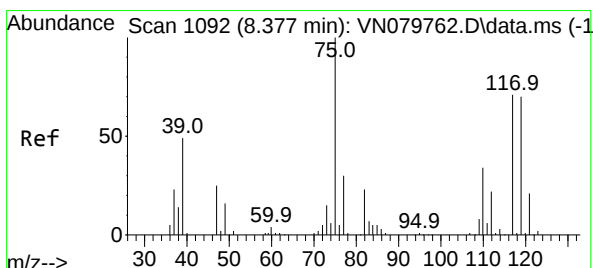
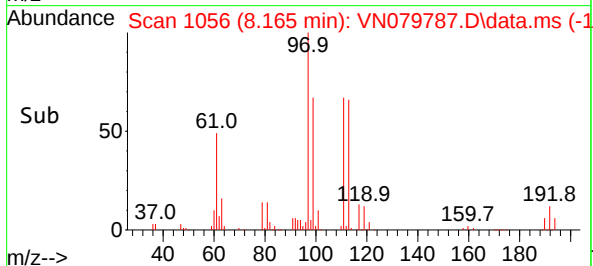
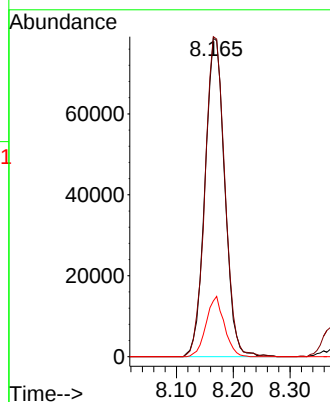
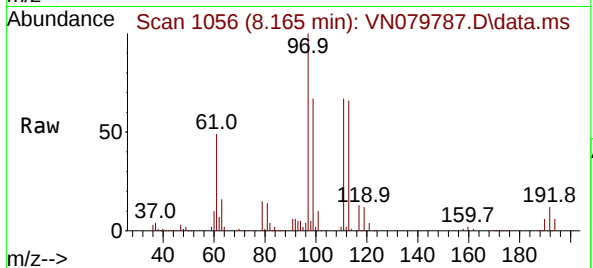
192 17.4 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#36

1,1-Dichloropropene

Concen: 56.233 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN079787.D

Acq: 02 Nov 2023 10:52

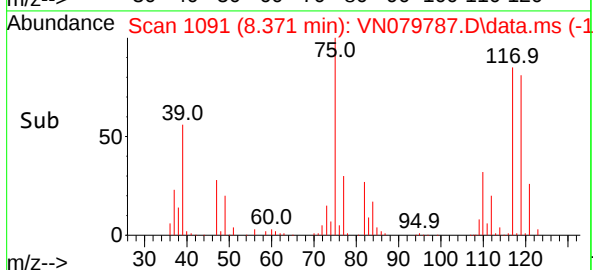
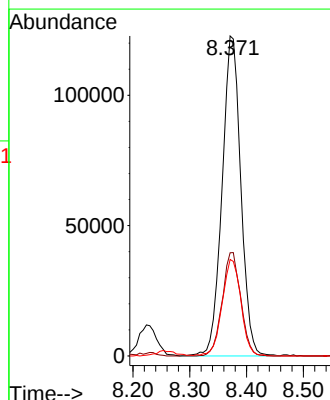
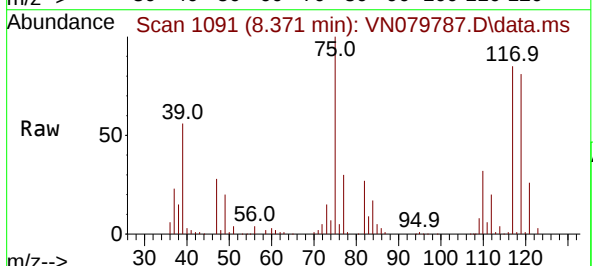
Tgt Ion: 75 Resp: 281664

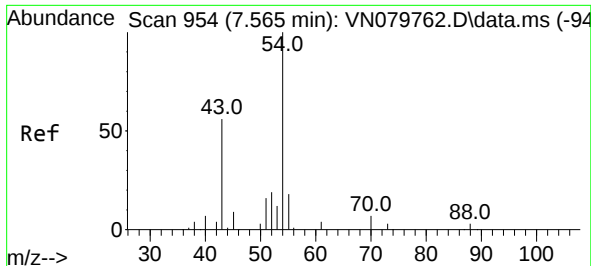
Ion Ratio Lower Upper

75 100

110 32.1 19.1 57.3

77 30.3 25.0 37.4





#37

Ethyl Acetate

Concen: 50.799 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.012 min

Lab File: VN079787.D

Acq: 02 Nov 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 233358

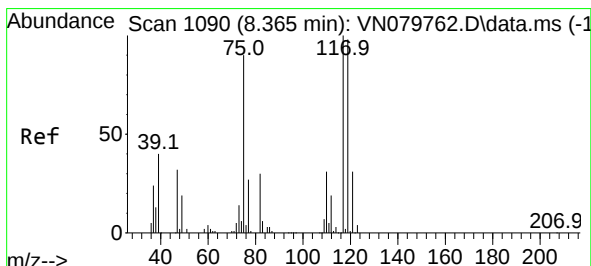
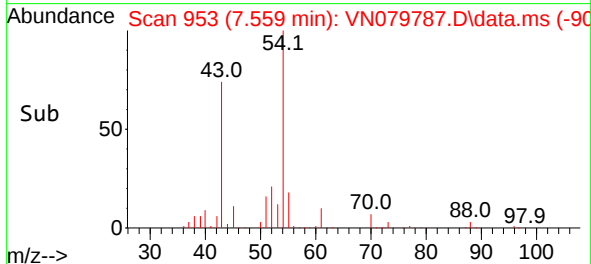
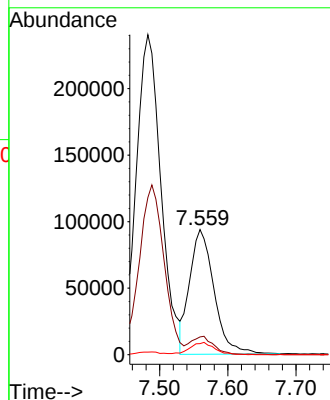
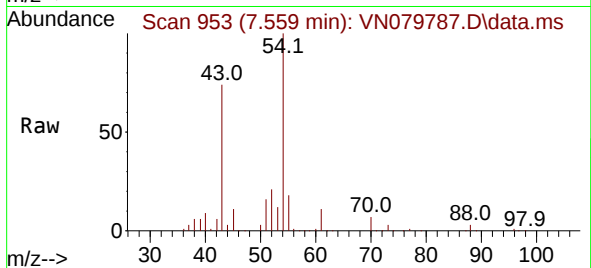
Ion	Ratio	Lower	Upper
43	100		
61	13.3	13.2	19.8
70	9.9	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#38

Carbon Tetrachloride

Concen: 54.383 ug/l

RT: 8.365 min Scan# 1090

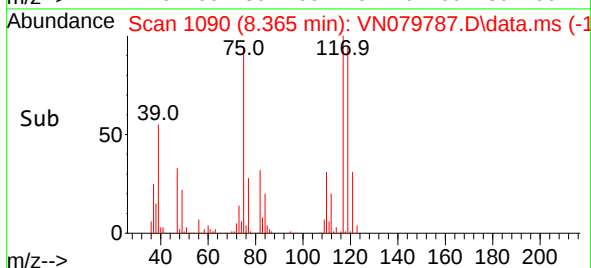
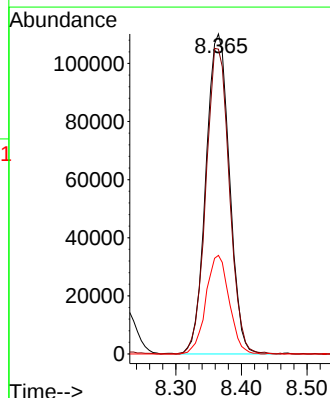
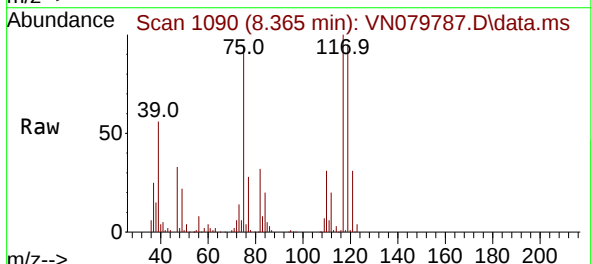
Delta R.T. 0.000 min

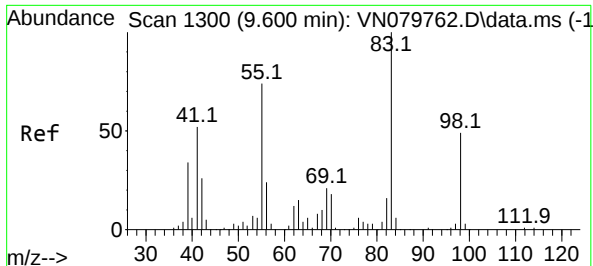
Lab File: VN079787.D

Acq: 02 Nov 2023 10:52

Tgt Ion:117 Resp: 274525

Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.3	115.9
121	30.8	23.3	34.9





#39

Methylcyclohexane

Concen: 55.955 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN079787.D

Acq: 02 Nov 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 263760

Ion Ratio Lower Upper

83 100

55 75.8 49.1 73.7

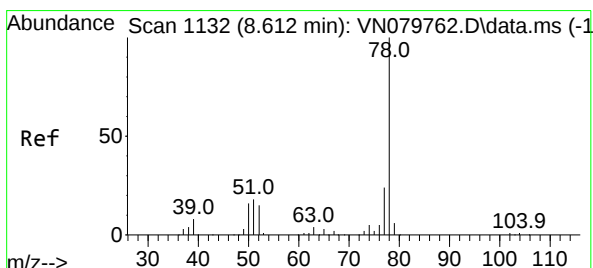
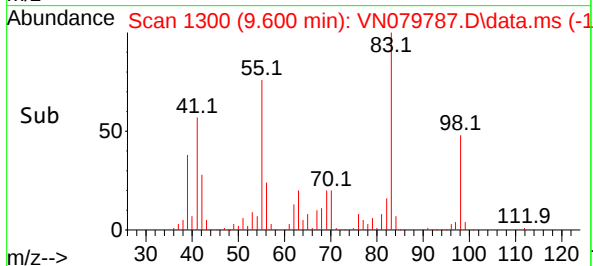
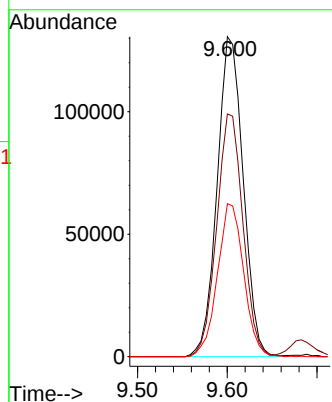
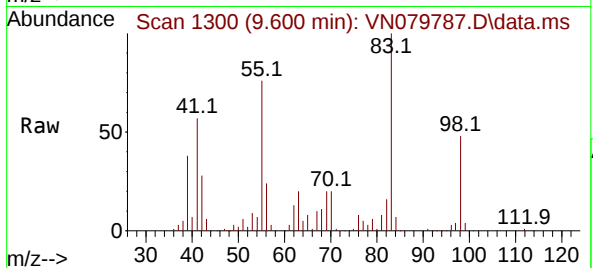
98 47.8 40.6 61.0

Manual Integrations

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Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#40

Benzene

Concen: 54.944 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN079787.D

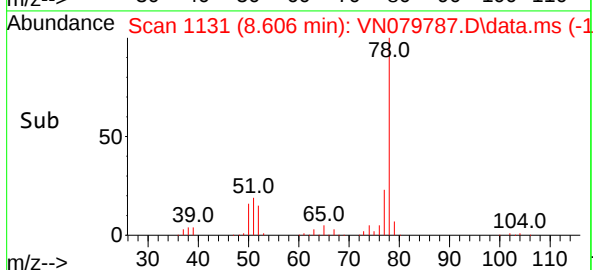
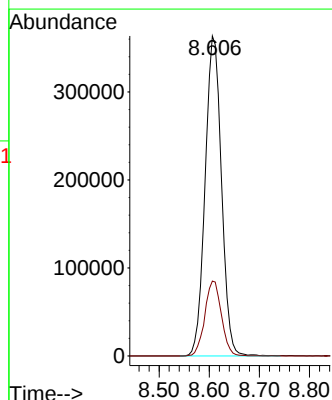
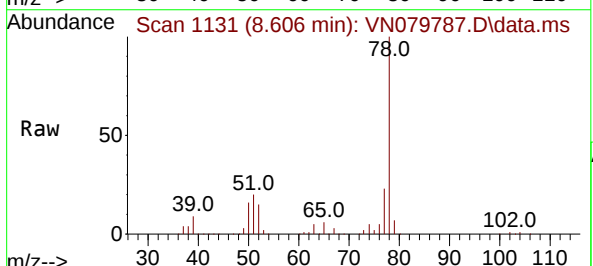
Acq: 02 Nov 2023 10:52

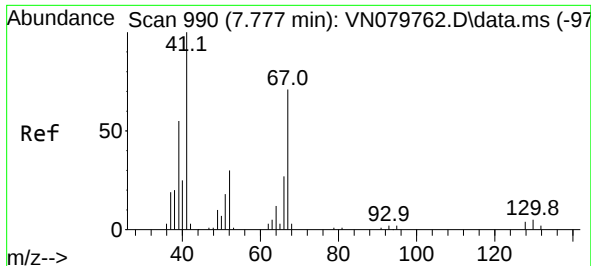
Tgt Ion: 78 Resp: 824282

Ion Ratio Lower Upper

78 100

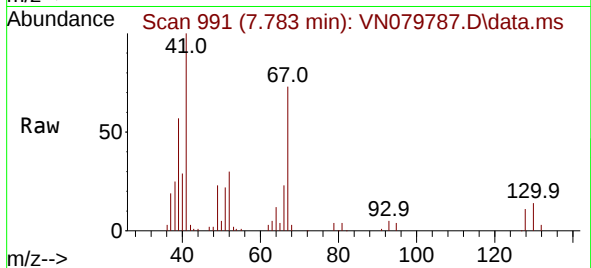
77 23.4 19.0 28.6





#41
Methacrylonitrile
Concen: 53.882 ug/l
RT: 7.783 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

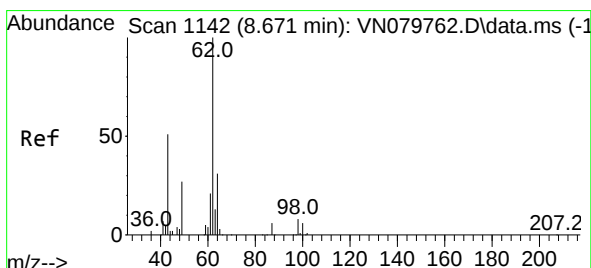
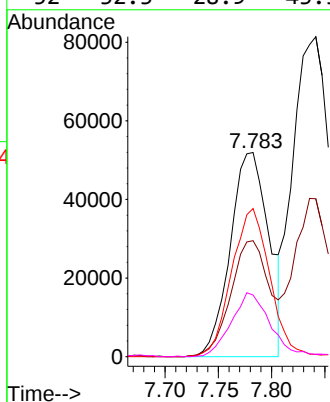
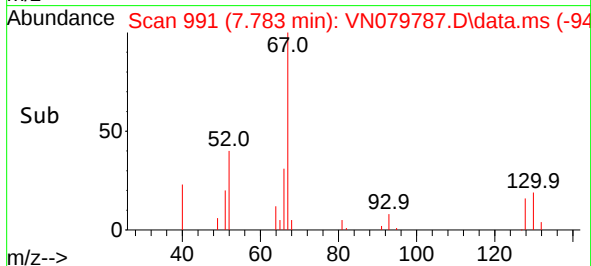
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



Tgt Ion: 41 Resp: 131439
Ion Ratio Lower Upper
41 100
39 56.8 42.6 64.0
67 72.3 77.5 116.3
52 32.3 28.9 43.3

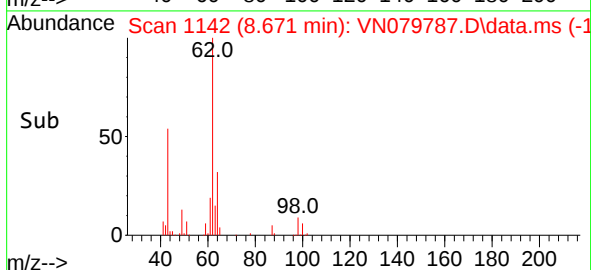
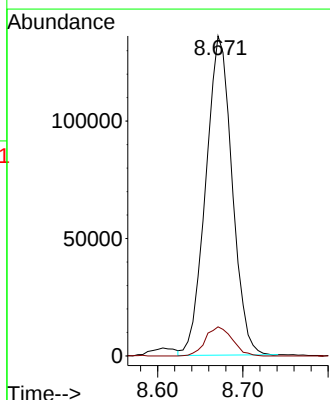
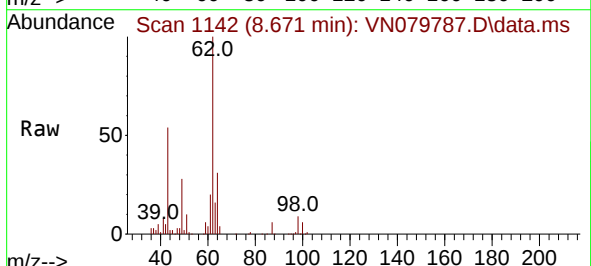
Manual Integrations
APPROVED

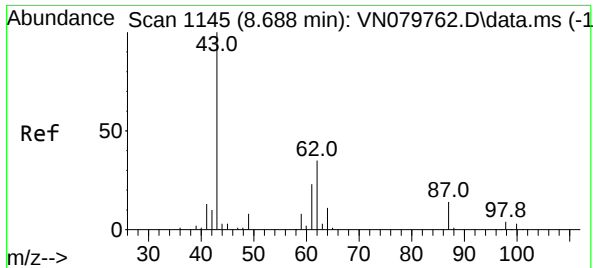
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#42
1,2-Dichloroethane
Concen: 55.745 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

Tgt Ion: 62 Resp: 292125
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.8





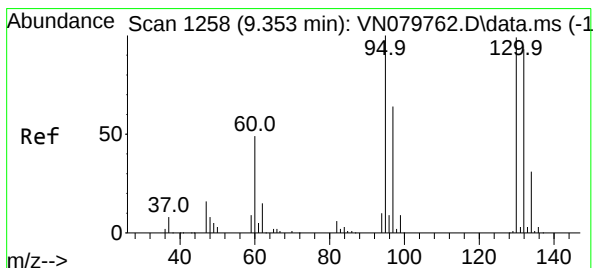
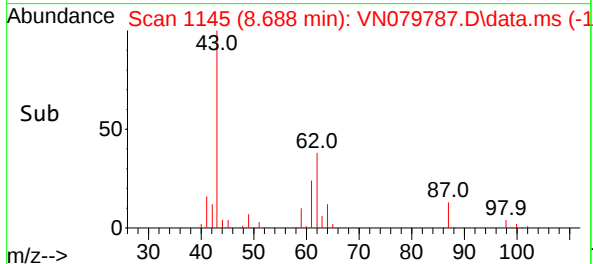
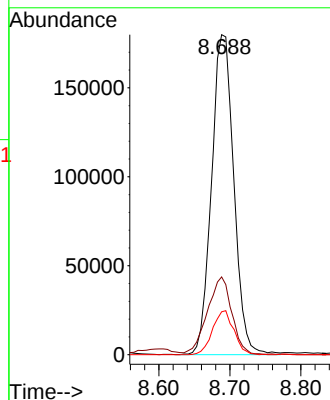
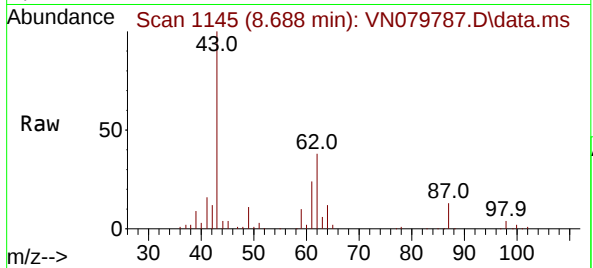
#43
Isopropyl Acetate
Concen: 48.647 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 391898
Ion Ratio Lower Upper
43 100
61 26.3 24.7 37.1
87 13.2 14.6 21.8

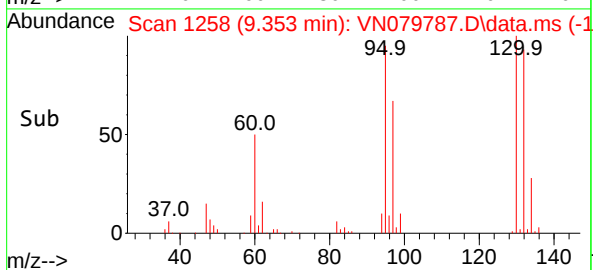
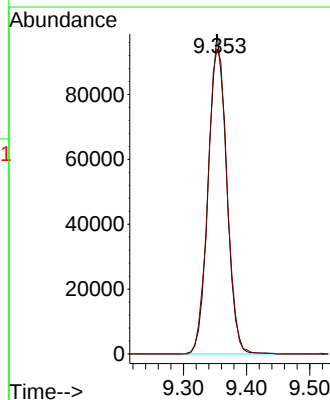
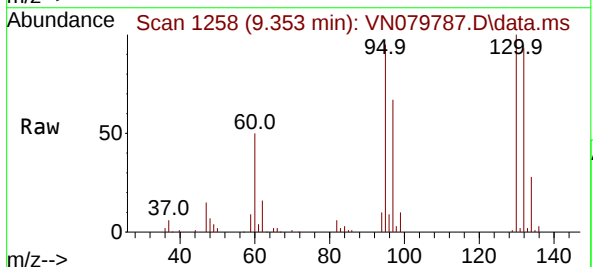
Manual Integrations
APPROVED

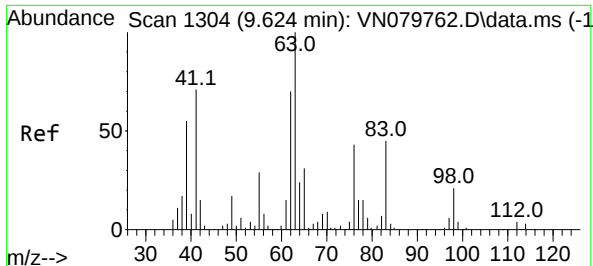
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#44
Trichloroethene
Concen: 52.927 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

Tgt Ion:130 Resp: 197033
Ion Ratio Lower Upper
130 100
95 95.3 0.0 204.6





#45
1,2-Dichloropropane
Concen: 56.057 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

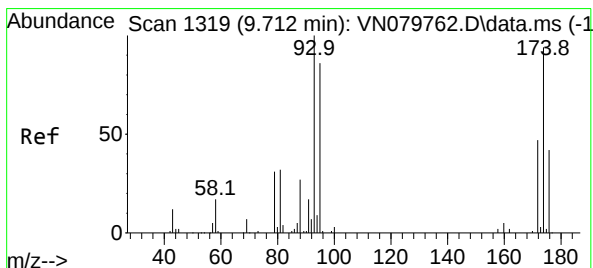
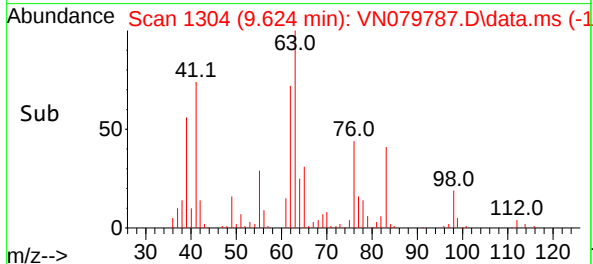
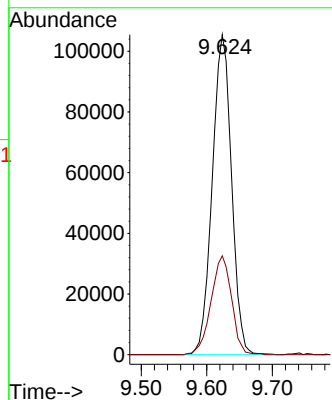
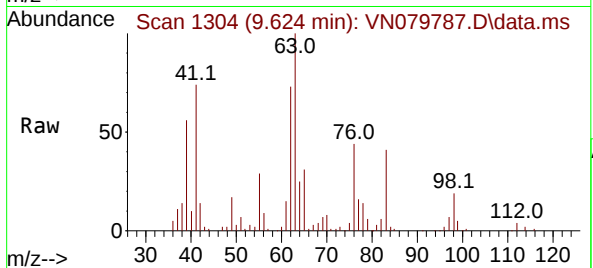
Tgt Ion: 63 Resp: 214918
Ion Ratio Lower Upper
63 100
65 30.9 23.9 35.9

Manual Integrations

APPROVED

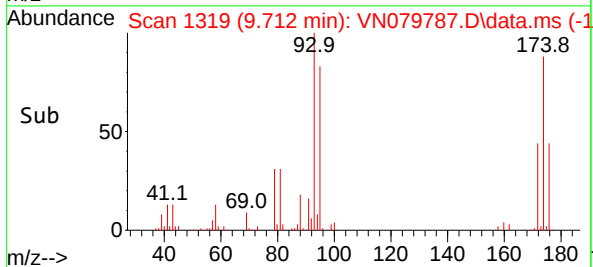
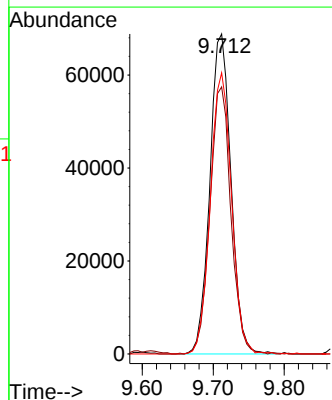
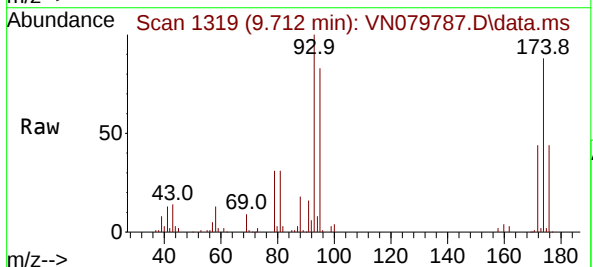
Reviewed By :John Carlone 11/03/2023

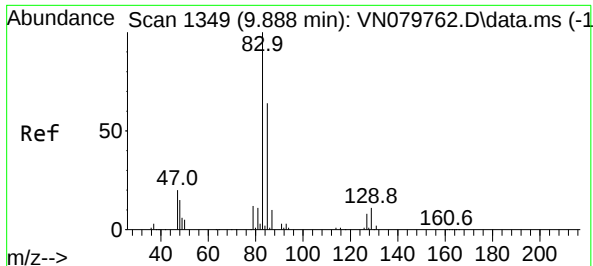
Supervised By :Mahesh Dadoda 11/03/2023



#46
Dibromomethane
Concen: 54.347 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

Tgt Ion: 93 Resp: 142273
Ion Ratio Lower Upper
93 100
95 82.9 63.8 95.8
174 88.2 65.6 98.4





#47

Bromodichloromethane

Concen: 53.231 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.006 min

Lab File: VN079787.D

Acq: 02 Nov 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

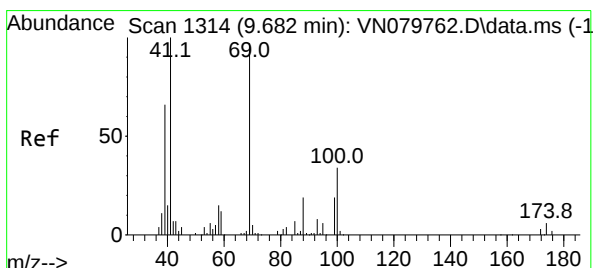
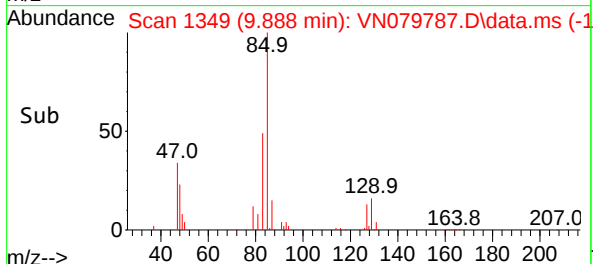
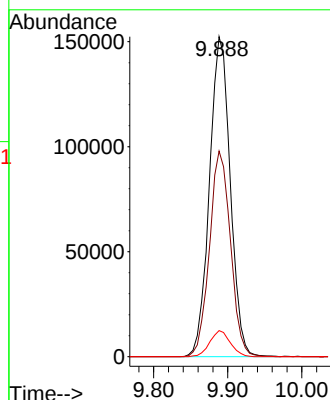
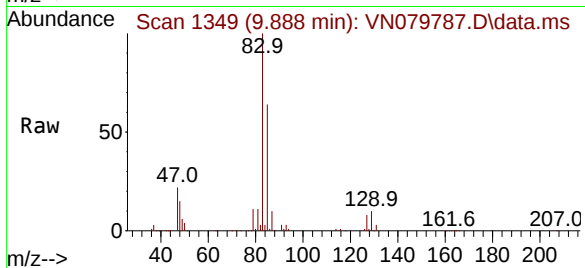
VSTDCCC050

Tgt Ion: 83 Resp: 297189
 Ion Ratio Lower Upper
 83 100
 85 64.2 49.6 74.4
 127 8.1 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023
 Supervised By :Mahesh Dadoda 11/03/2023



#48

Methyl methacrylate

Concen: 54.707 ug/l

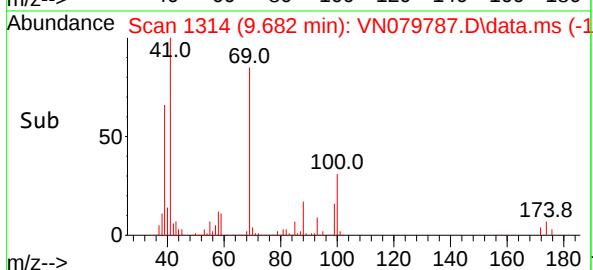
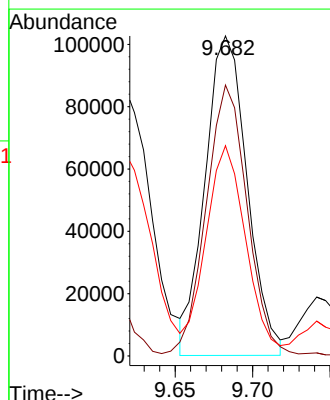
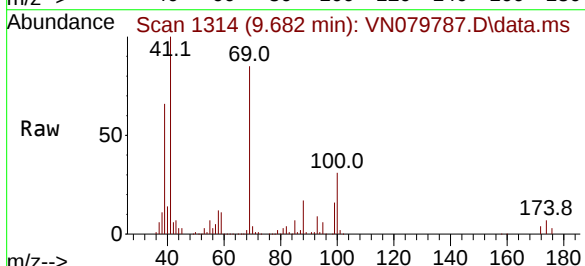
RT: 9.682 min Scan# 1314

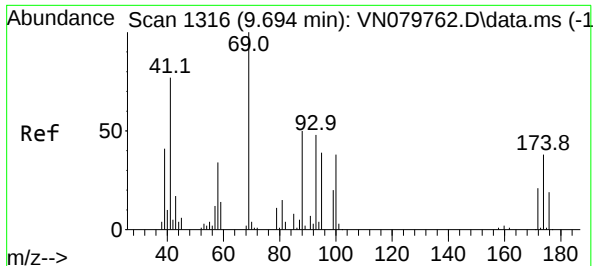
Delta R.T. -0.006 min

Lab File: VN079787.D

Acq: 02 Nov 2023 10:52

Tgt Ion: 41 Resp: 193042
 Ion Ratio Lower Upper
 41 100
 69 84.0 90.4 135.6
 39 62.9 54.6 81.8





#49

1,4-Dioxane

Concen: 925.058 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN079787.D

Acq: 02 Nov 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 57678

Ion Ratio Lower Upper

88 100

43 32.9 17.0 25.6

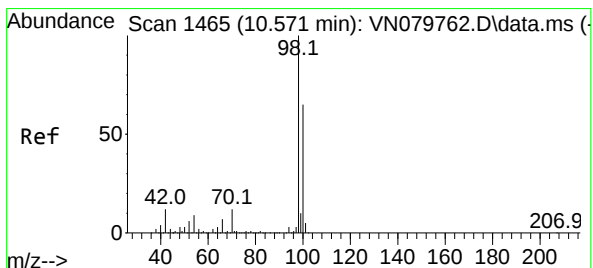
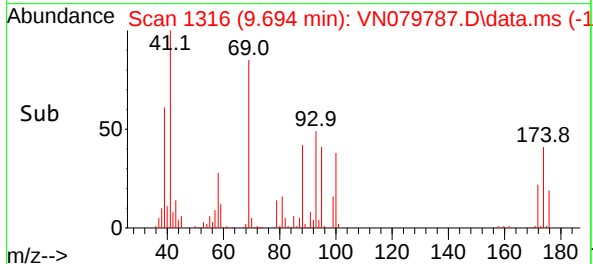
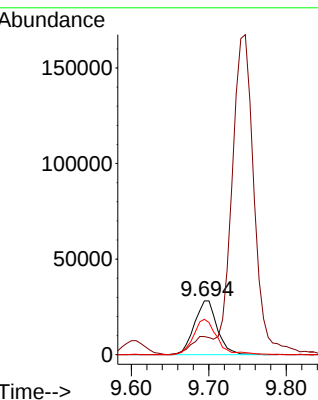
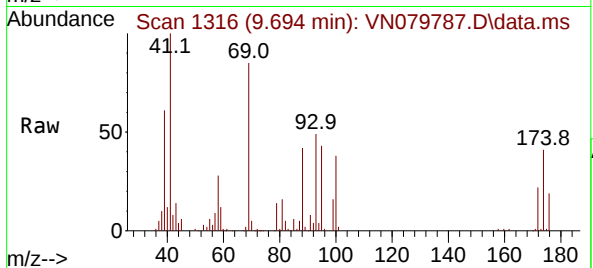
58 68.0 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#50

Toluene-d8

Concen: 54.875 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079787.D

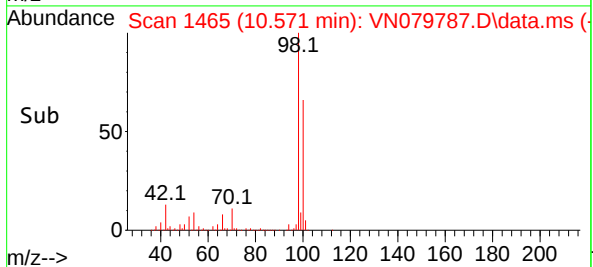
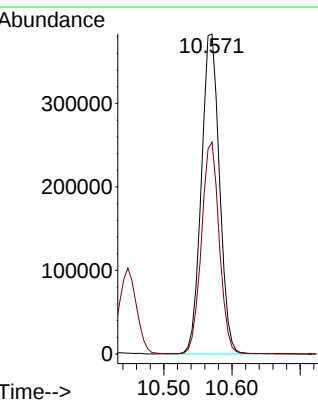
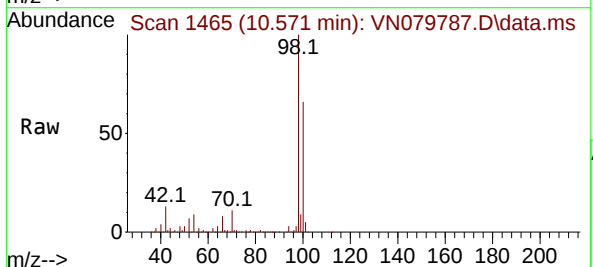
Acq: 02 Nov 2023 10:52

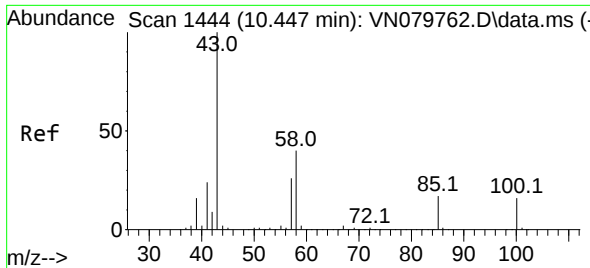
Tgt Ion: 98 Resp: 708675

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0





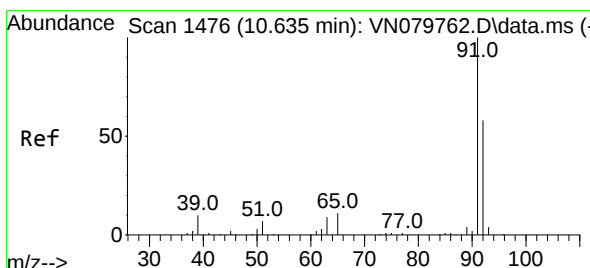
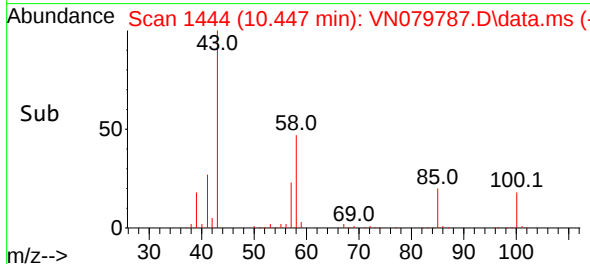
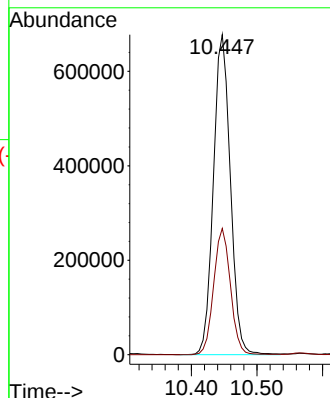
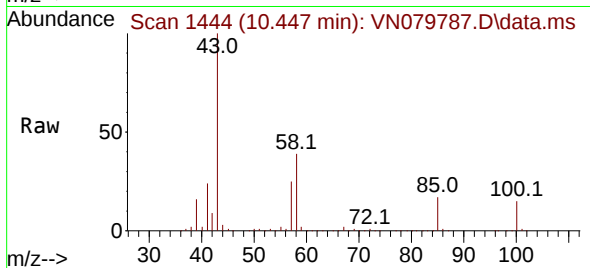
#51
4-Methyl-2-Pentanone
Concen: 268.531 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1217915
Ion Ratio Lower Upper
43 100
58 38.9 36.6 54.8

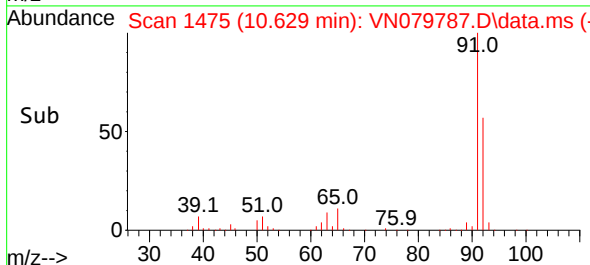
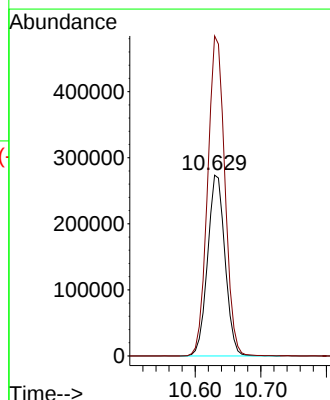
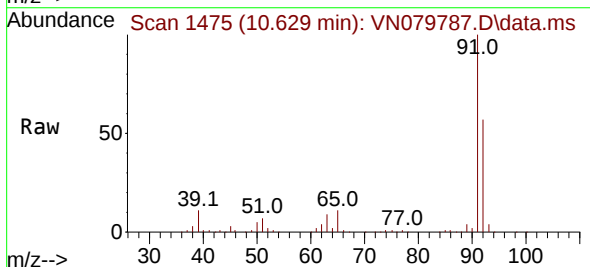
Manual Integrations
APPROVED

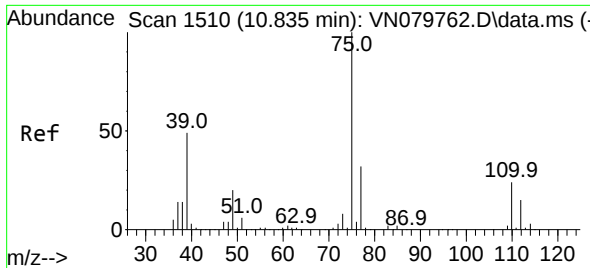
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#52
Toluene
Concen: 56.794 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

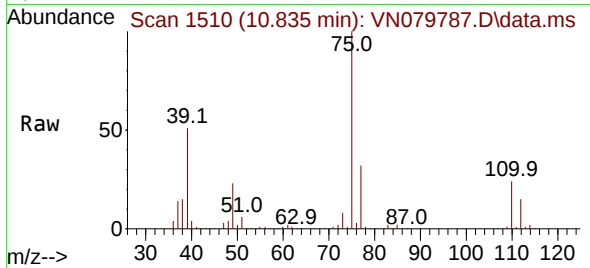
Tgt Ion: 92 Resp: 505130
Ion Ratio Lower Upper
92 100
91 175.5 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 55.456 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

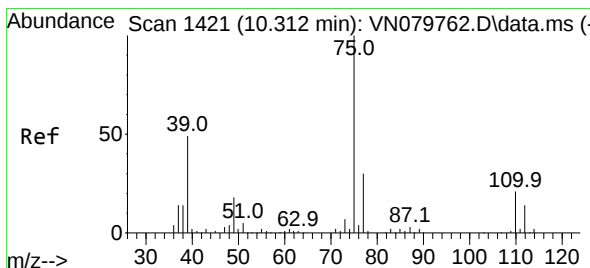
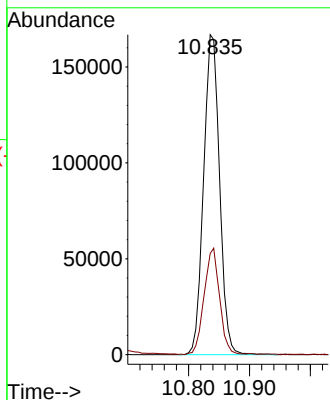
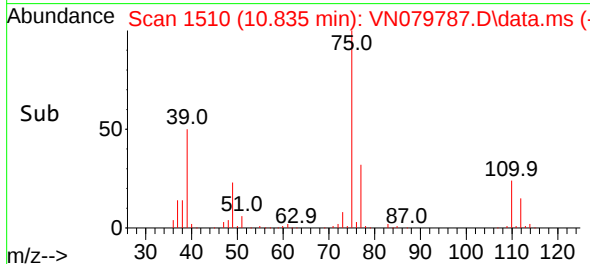
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 303518
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0

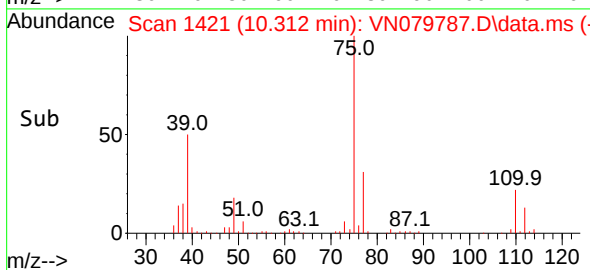
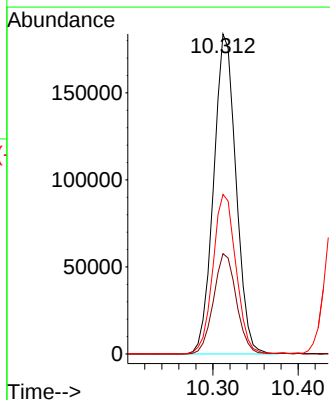
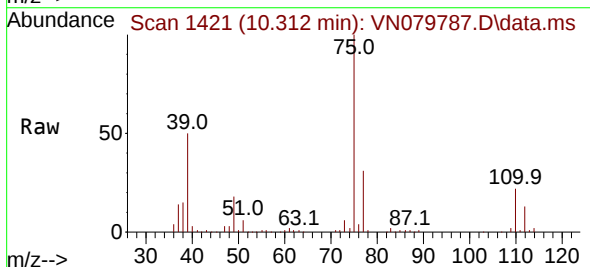
Manual Integrations
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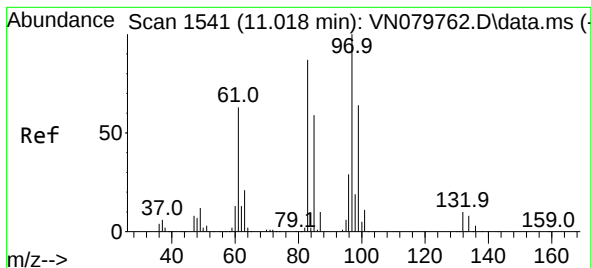
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#54
cis-1,3-Dichloropropene
Concen: 56.217 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

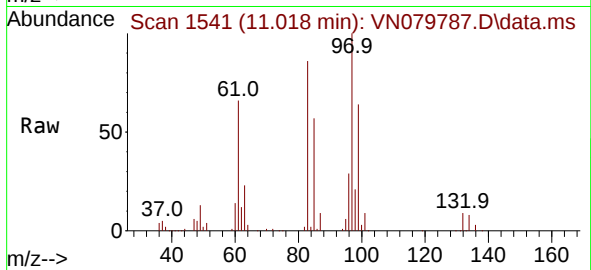
Tgt Ion: 75 Resp: 335372
Ion Ratio Lower Upper
75 100
77 31.3 26.1 39.1
39 49.9 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 54.031 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

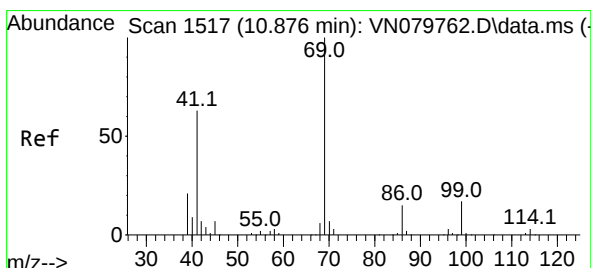
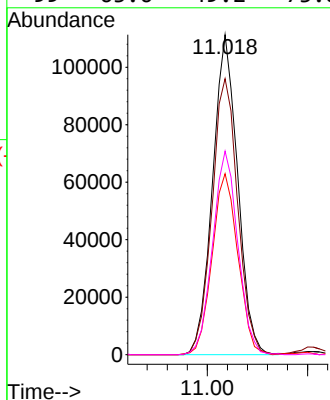
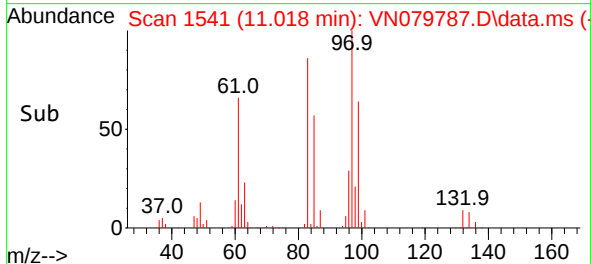
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



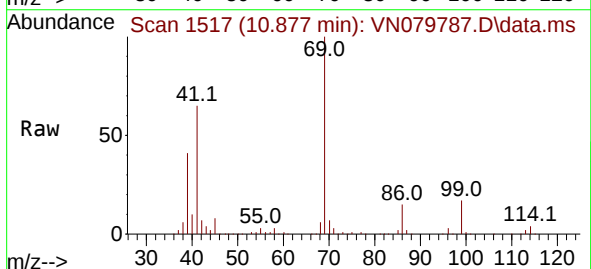
Tgt Ion: 97 Resp: 19328
Ion Ratio Lower Upper
97 100
83 86.2 65.1 97.7
85 56.5 43.4 65.2
99 63.6 49.2 73.8

Manual Integrations
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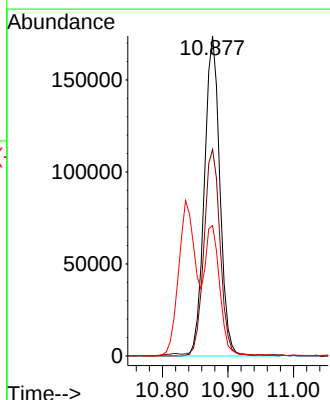
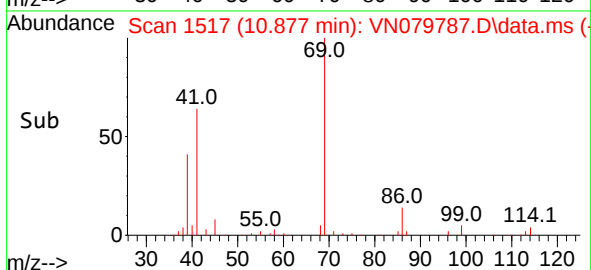
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#56
Ethyl methacrylate
Concen: 56.064 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.005 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52



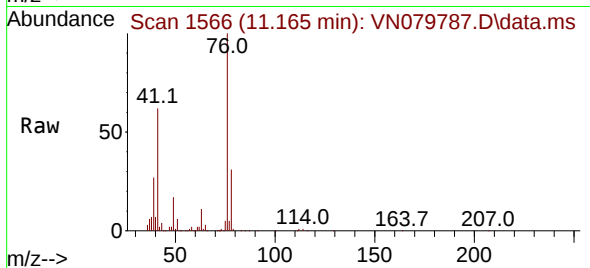
Tgt Ion: 69 Resp: 286076
Ion Ratio Lower Upper
69 100
41 66.4 39.6 59.4#
39 37.7 28.6 43.0





#57
1,3-Dichloropropane
Concen: 55.408 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

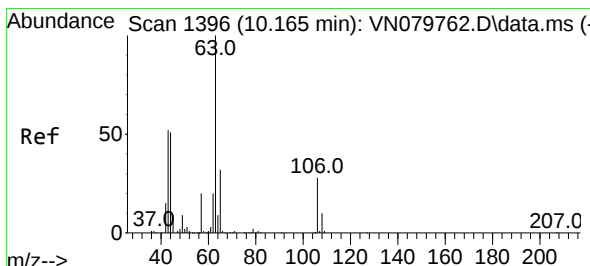
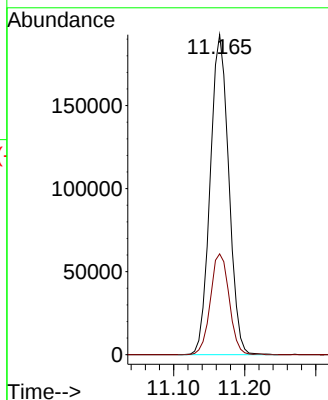
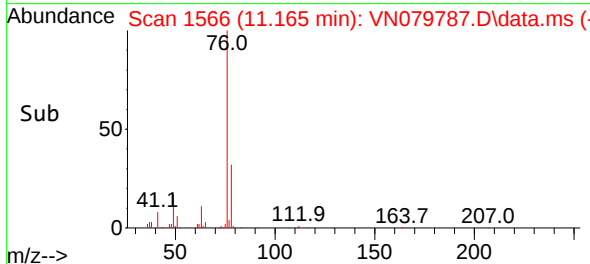
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 349379
Ion Ratio Lower Upper
76 100
78 31.8 26.1 39.1

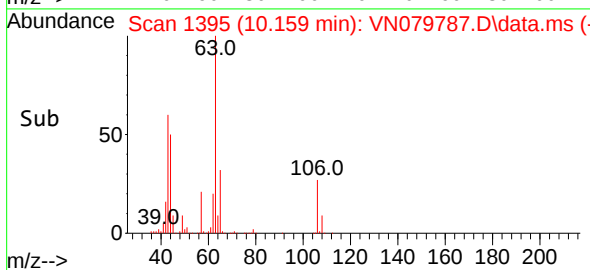
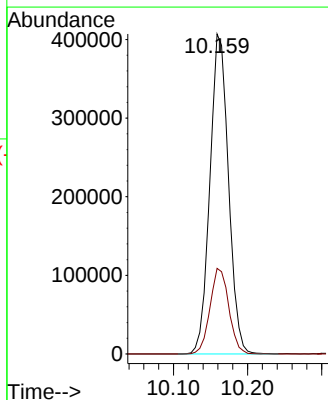
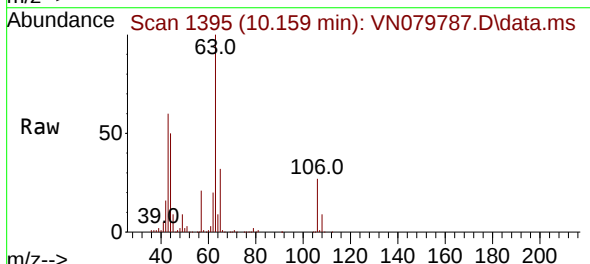
Manual Integrations
APPROVED

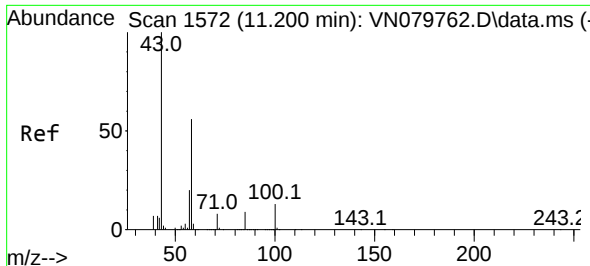
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#58
2-Chloroethyl Vinyl ether
Concen: 273.971 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

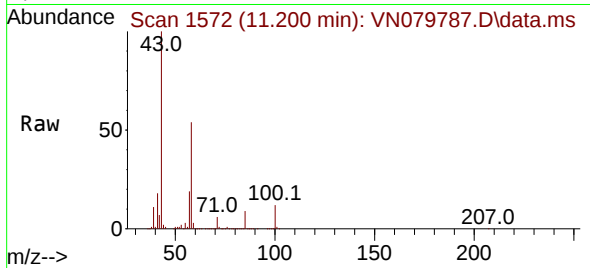
Tgt Ion: 63 Resp: 708550
Ion Ratio Lower Upper
63 100
106 27.0 26.2 39.4





#59
2-Hexanone
Concen: 274.207 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

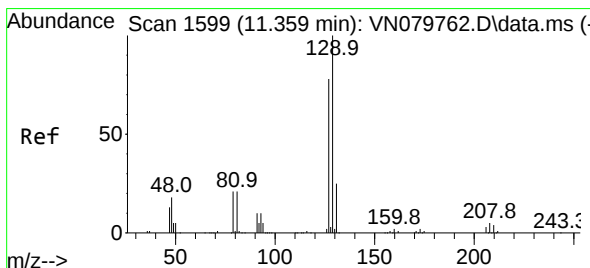
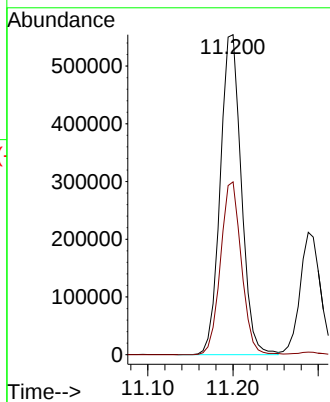
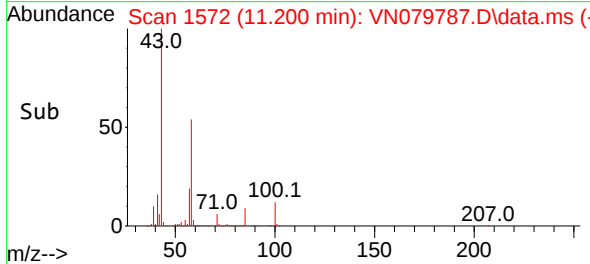
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 951397
Ion Ratio Lower Upper
43 100
58 53.5 31.7 95.1

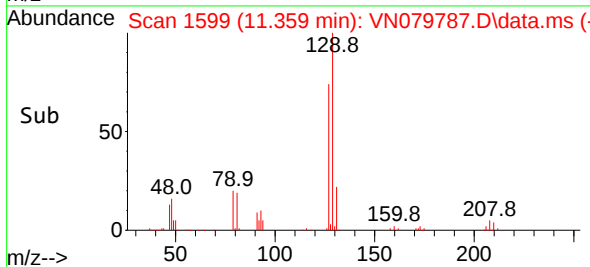
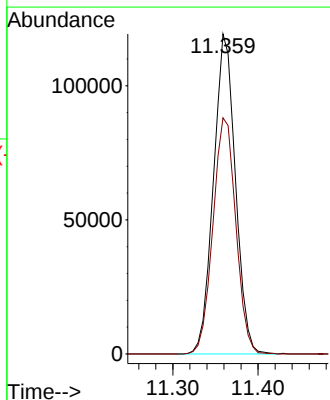
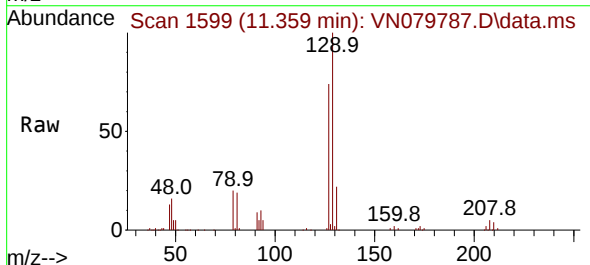
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#60
Dibromochloromethane
Concen: 55.761 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

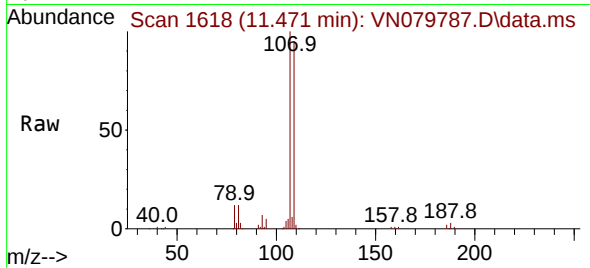
Tgt Ion:129 Resp: 213517
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 53.494 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

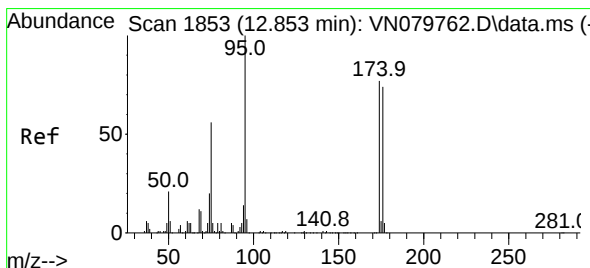
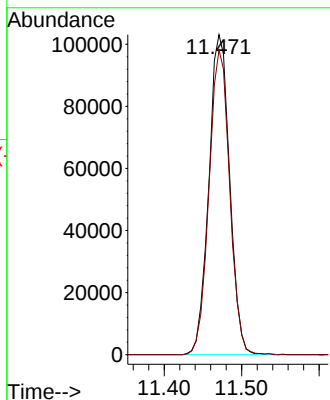
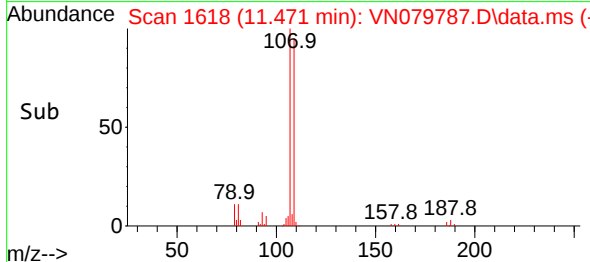
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



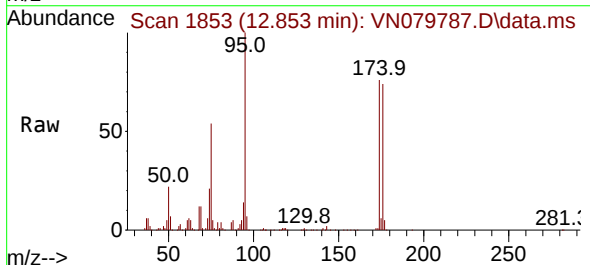
Tgt Ion:107 Resp: 192070
Ion Ratio Lower Upper
107 100
109 94.6 76.6 114.8

Manual Integrations
APPROVED

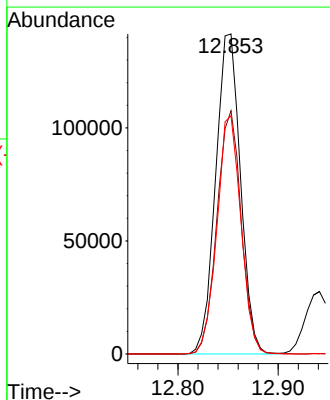
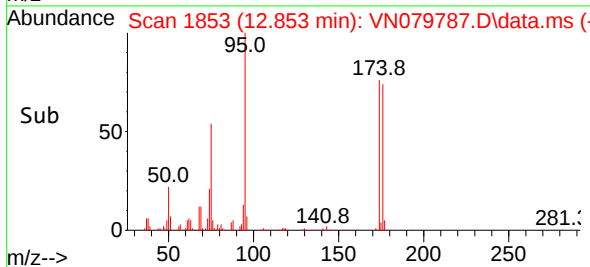
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

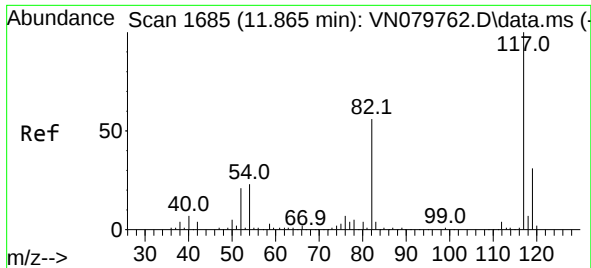


#62
4-Bromofluorobenzene
Concen: 56.739 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52



Tgt Ion: 95 Resp: 243016
Ion Ratio Lower Upper
95 100
174 74.2 0.0 143.8
176 71.9 0.0 135.8





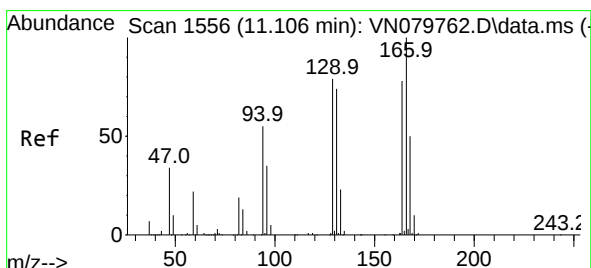
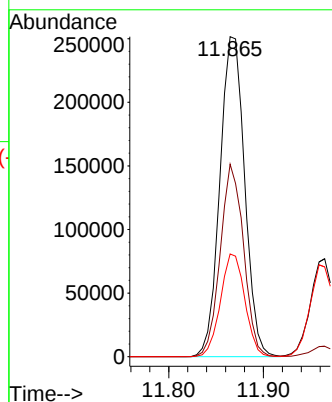
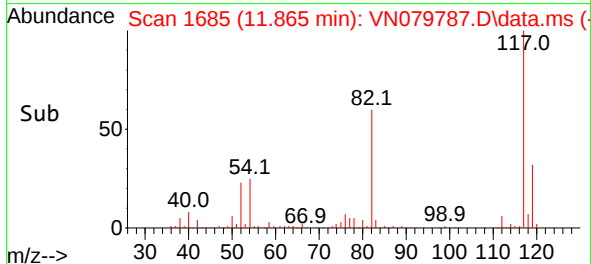
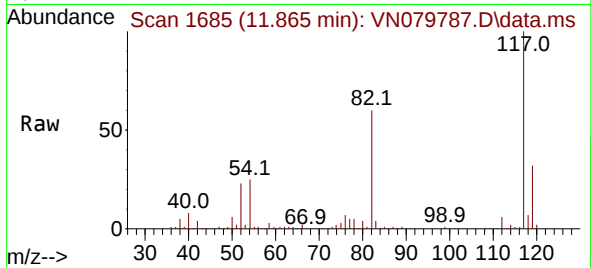
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 45754
Ion Ratio Lower Upper
117 100
82 60.1 44.0 66.0
119 32.1 25.6 38.4

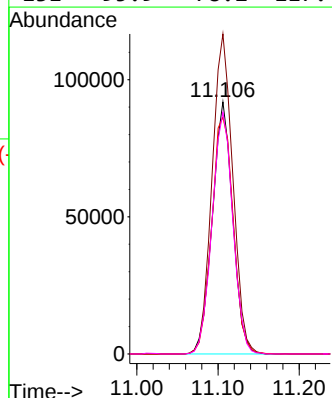
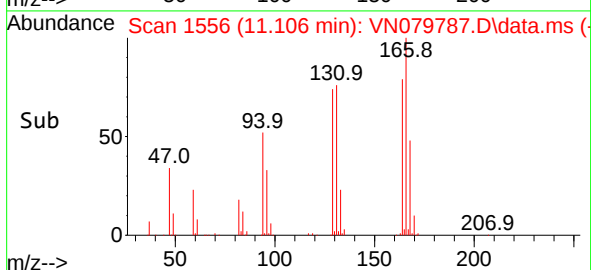
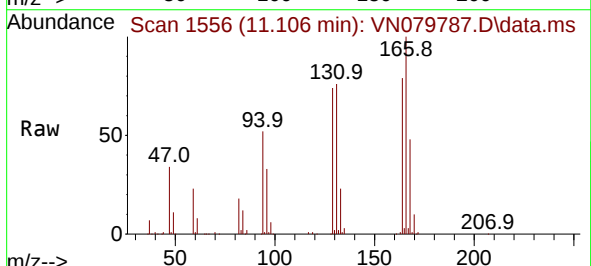
Manual Integrations
APPROVED

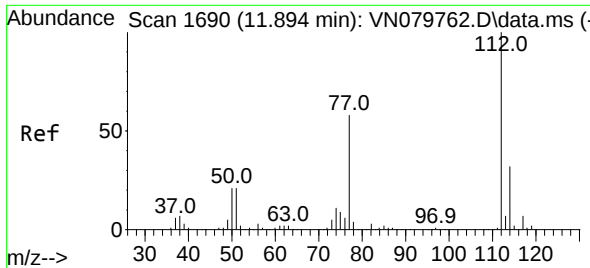
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#64
Tetrachloroethene
Concen: 54.066 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

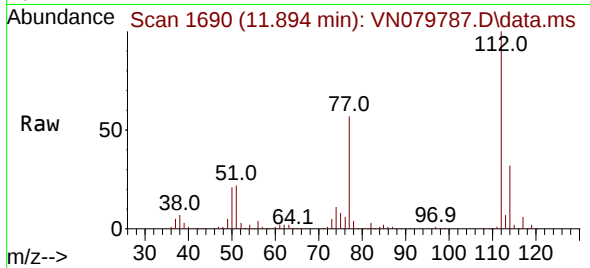
Tgt Ion:164 Resp: 160216
Ion Ratio Lower Upper
164 100
166 126.9 101.4 152.0
129 93.9 82.4 123.6
131 95.9 78.2 117.4





#65
Chlorobenzene
Concen: 53.219 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

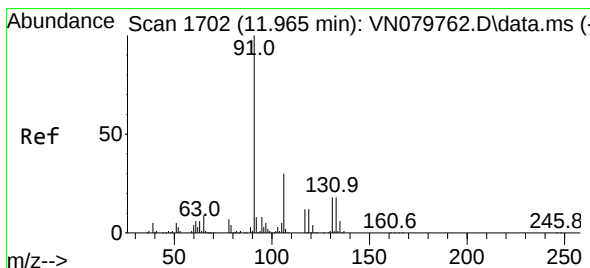
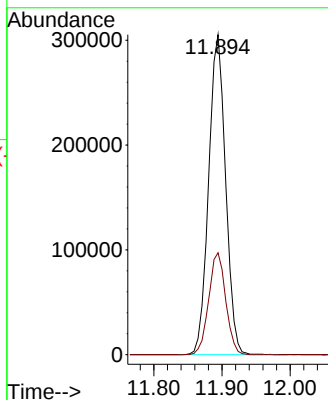
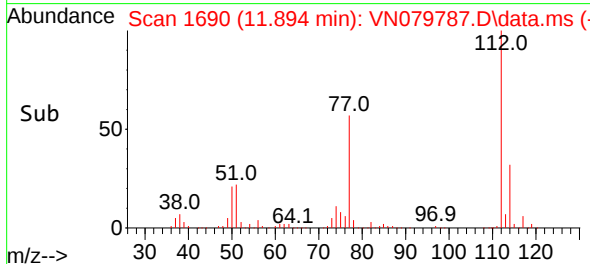
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



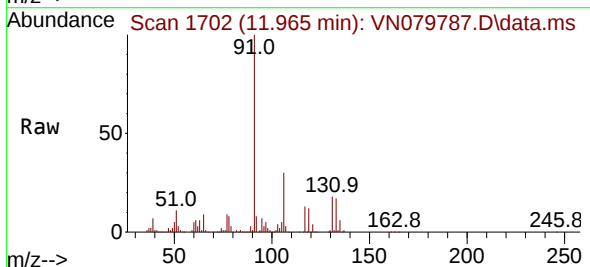
Tgt Ion:112 Resp: 52820
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.4

Manual Integrations
APPROVED

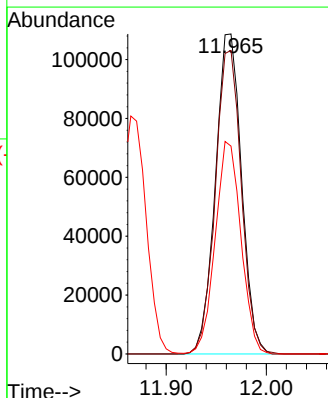
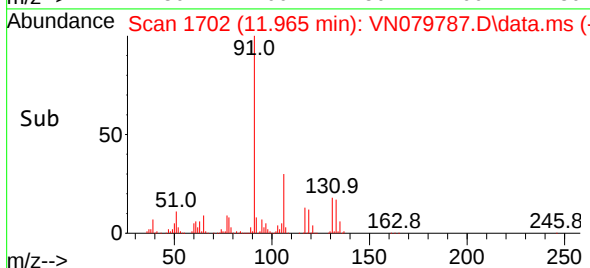
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

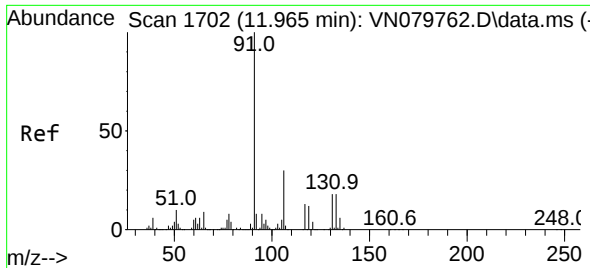


#66
1,1,1,2-Tetrachloroethane
Concen: 55.008 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52



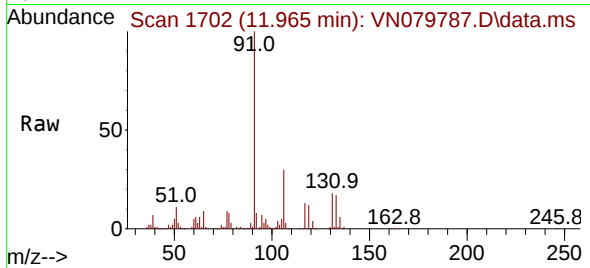
Tgt Ion:131 Resp: 196704
Ion Ratio Lower Upper
131 100
133 94.6 46.4 139.1
119 65.5 34.1 102.2





#67
Ethyl Benzene
Concen: 56.704 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

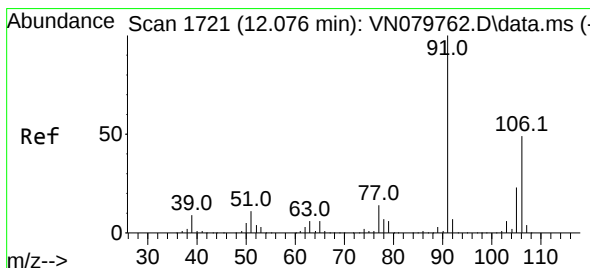
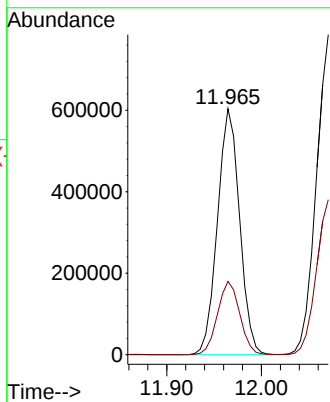
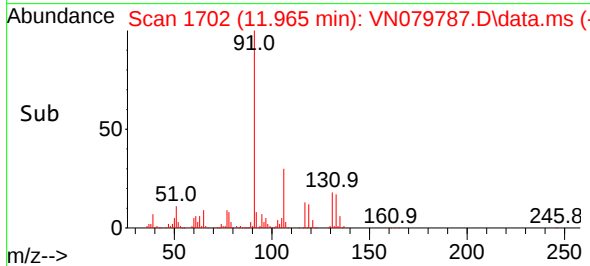
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



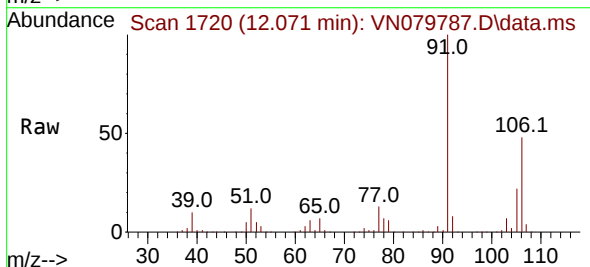
Tgt Ion: 91 Resp: 98052
Ion Ratio Lower Upper
91 100
106 29.8 25.6 38.4

Manual Integrations
APPROVED

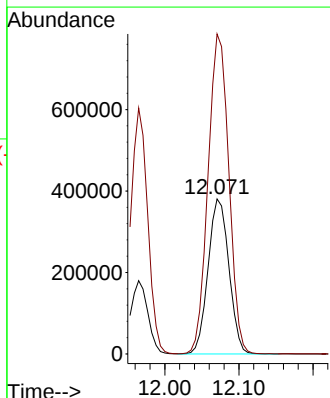
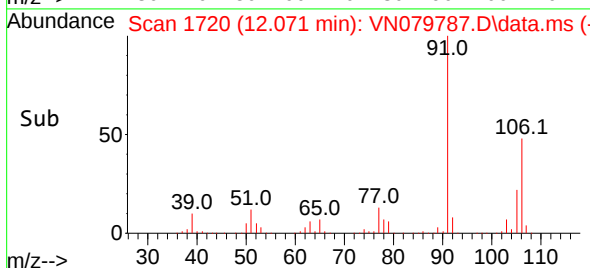
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

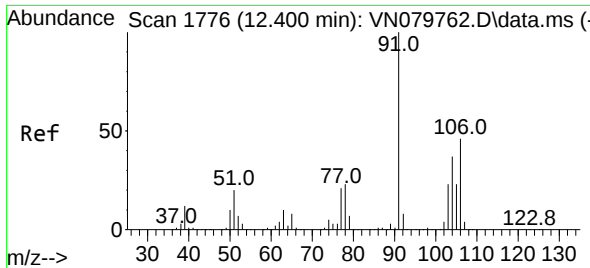


#68
m/p-Xylenes
Concen: 115.370 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52



Tgt Ion:106 Resp: 743164
Ion Ratio Lower Upper
106 100
91 206.1 159.6 239.4





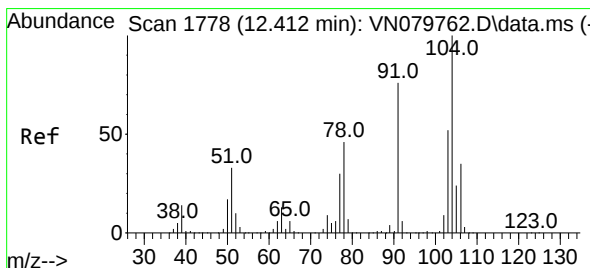
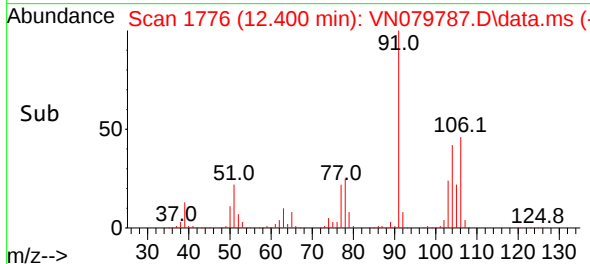
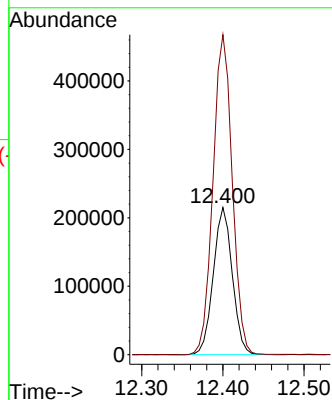
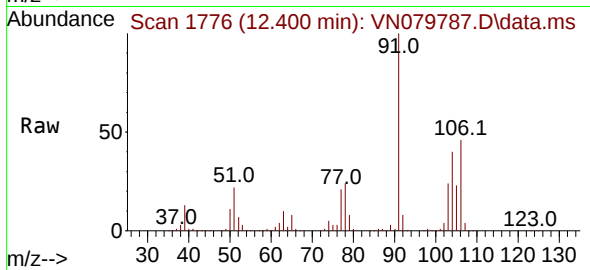
#69
o-Xylene
Concen: 56.355 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 349564
Ion Ratio Lower Upper
106 100
91 220.6 105.2 315.5

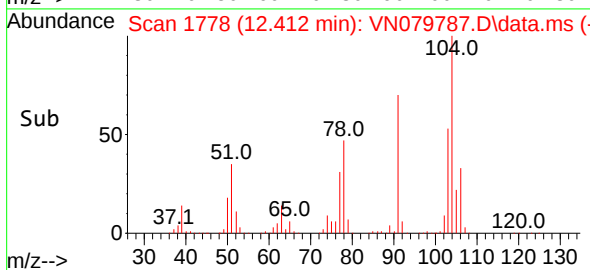
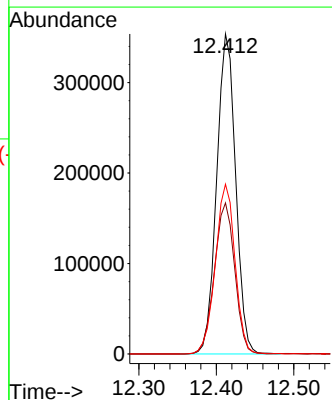
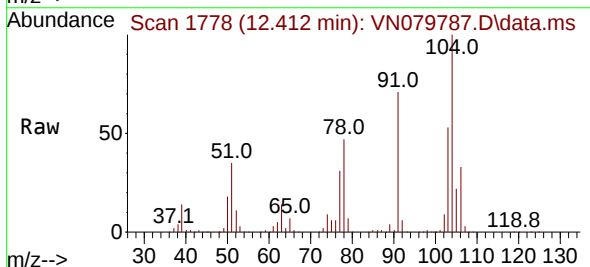
Manual Integrations
APPROVED

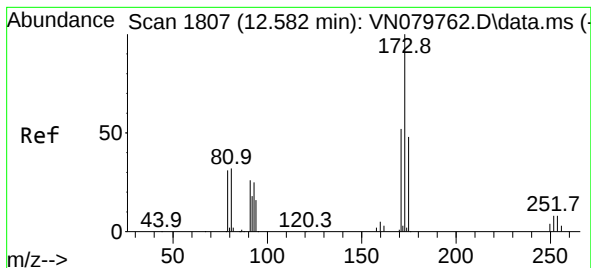
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#70
Styrene
Concen: 60.311 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

Tgt Ion:104 Resp: 601216
Ion Ratio Lower Upper
104 100
78 50.7 39.5 59.3
103 55.0 43.2 64.8





#71

Bromoform

Concen: 54.815 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN079787.D

Acq: 02 Nov 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 139180

Ion Ratio Lower Upper

173 100

175 47.5 24.3 73.0

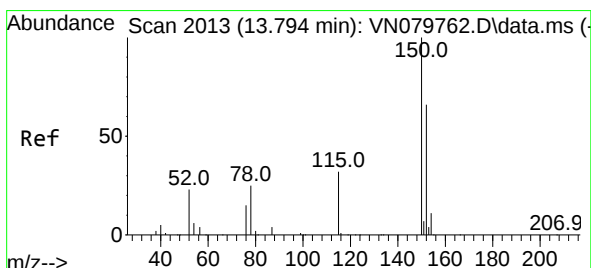
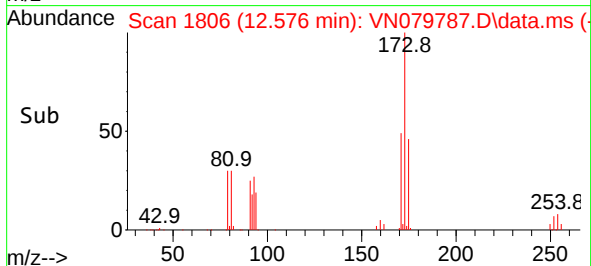
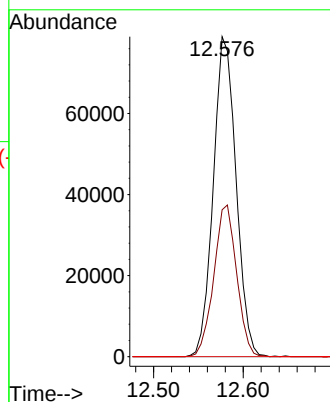
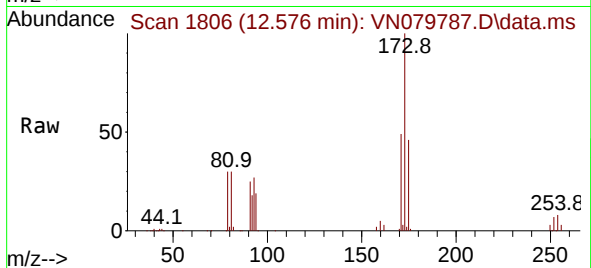
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079787.D

Acq: 02 Nov 2023 10:52

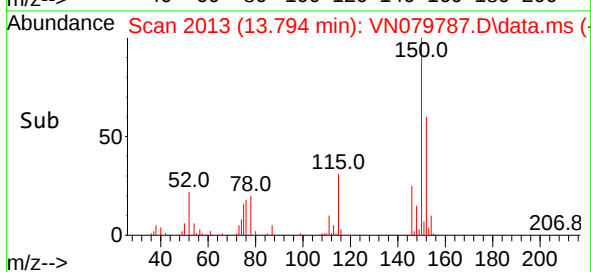
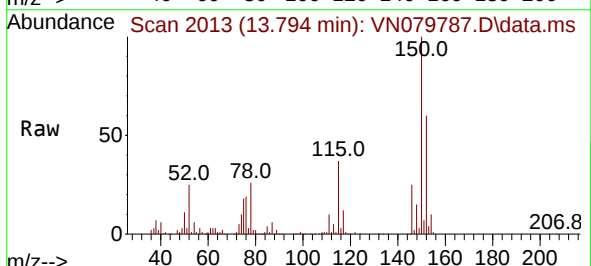
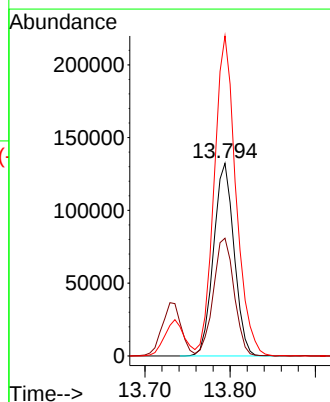
Tgt Ion:152 Resp: 221145

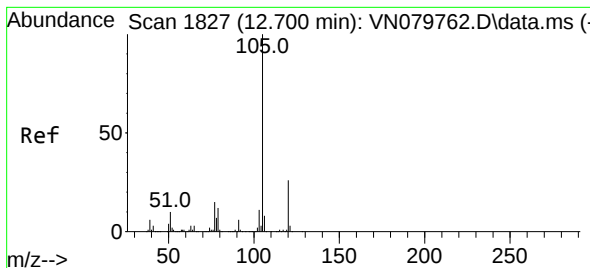
Ion Ratio Lower Upper

152 100

115 62.1 32.3 96.8

150 176.3 0.0 355.8





#73

Isopropylbenzene

Concen: 52.956 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN079787.D

Acq: 02 Nov 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 888790

Ion Ratio Lower Upper

105 100

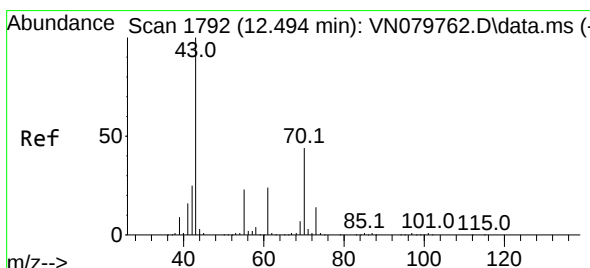
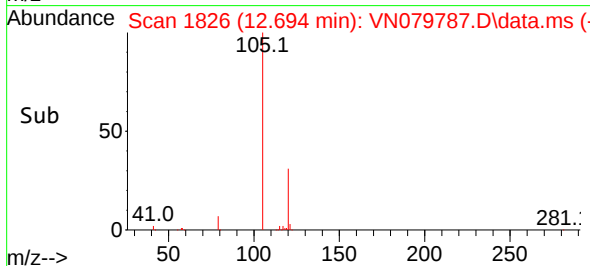
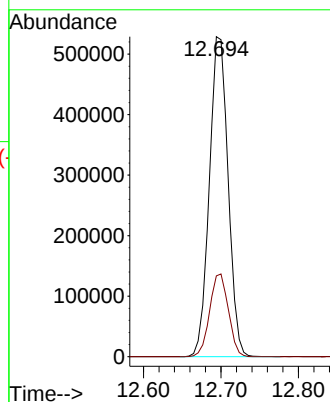
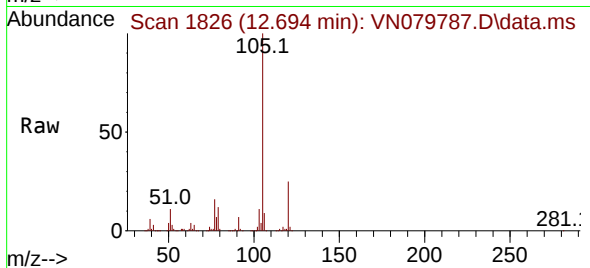
120 25.8 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#74

N-ethyl acetate

Concen: 47.614 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.006 min

Lab File: VN079787.D

Acq: 02 Nov 2023 10:52

Tgt Ion: 43 Resp: 348815

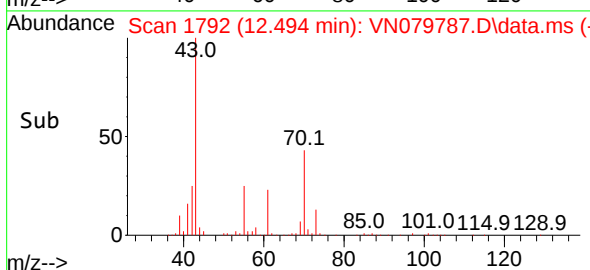
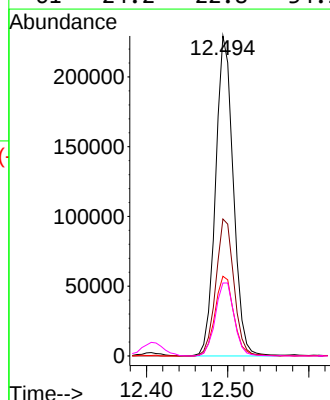
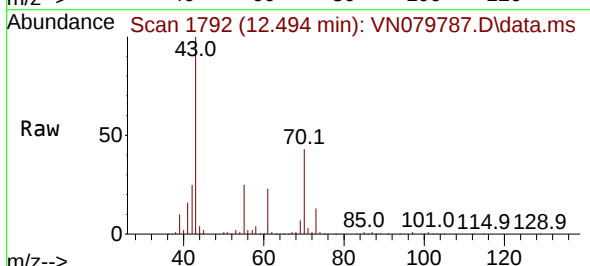
Ion Ratio Lower Upper

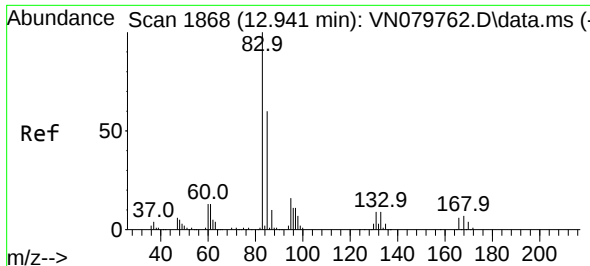
43 100

70 43.6 43.4 65.2

55 26.2 21.4 32.0

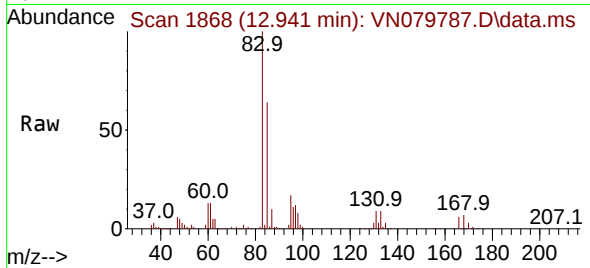
61 24.2 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 47.390 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

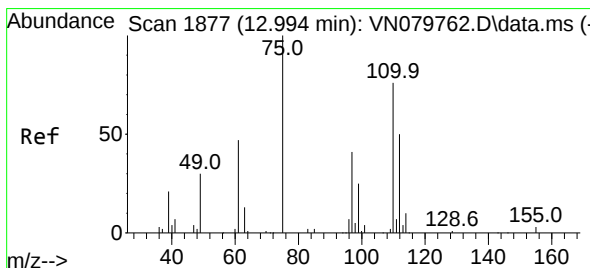
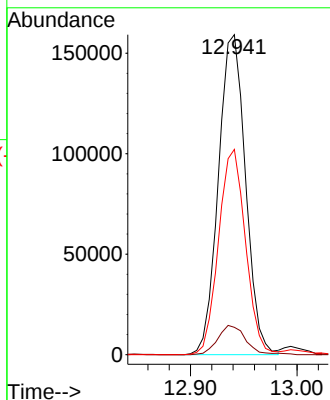
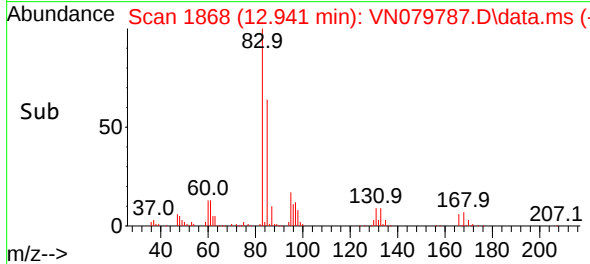
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



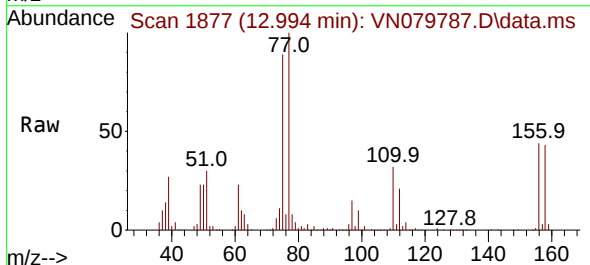
Tgt Ion: 83 Resp: 282004
Ion Ratio Lower Upper
83 100
131 9.5 5.0 15.0
85 63.7 31.9 95.7

Manual Integrations
APPROVED

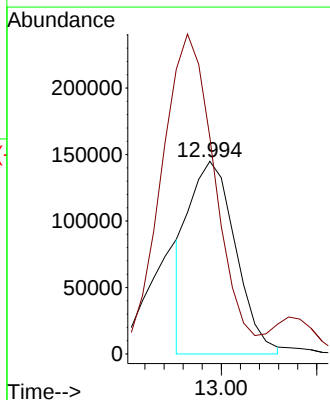
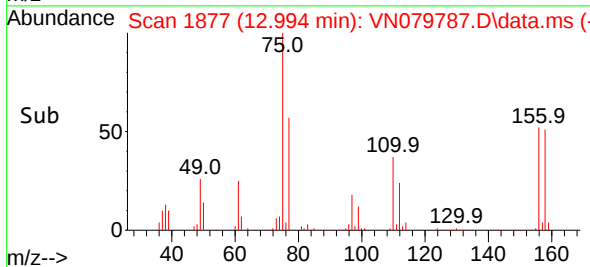
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

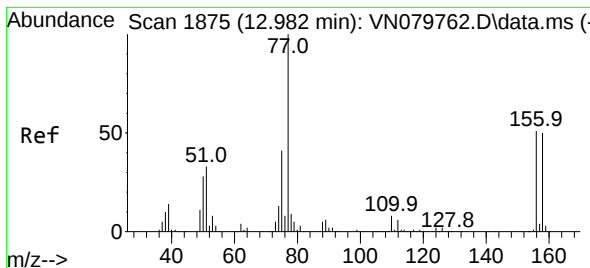


#76
1,2,3-Trichloropropane
Concen: 49.224 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52



Tgt Ion: 75 Resp: 245798
Ion Ratio Lower Upper
75 100
77 192.1 84.5 253.5





#77

Bromobenzene

Concen: 51.628 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079787.D

Acq: 02 Nov 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

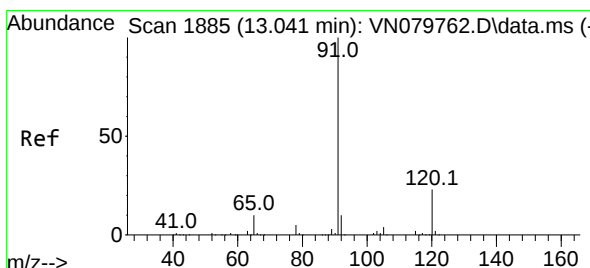
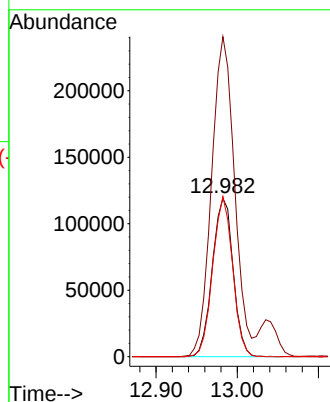
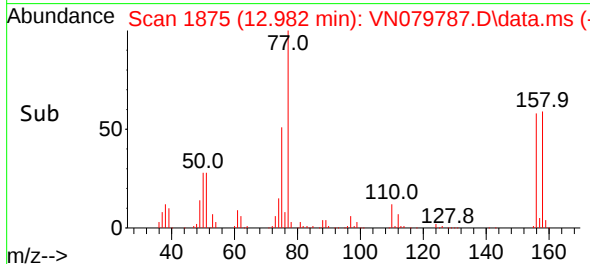
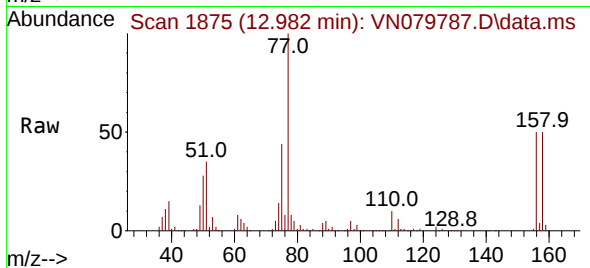
VSTDCCC050

Tgt Ion:156 Resp: 21214
 Ion Ratio Lower Upper
 156 100
 77 222.6 107.7 323.3
 158 96.5 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023
 Supervised By :Mahesh Dadoda 11/03/2023



#78

n-propylbenzene

Concen: 56.556 ug/l

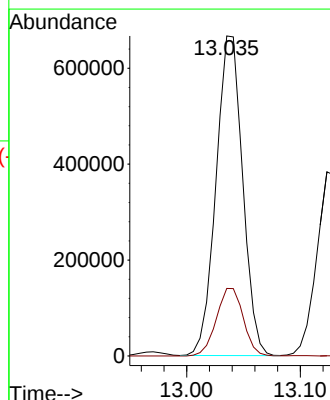
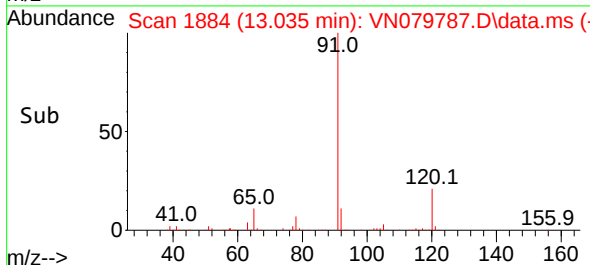
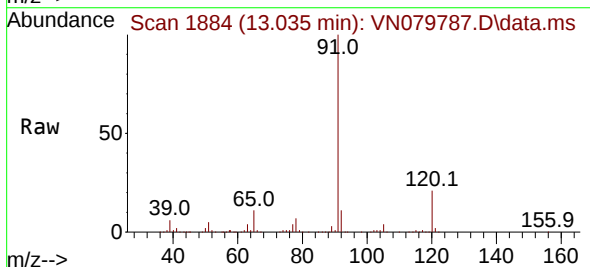
RT: 13.035 min Scan# 1884

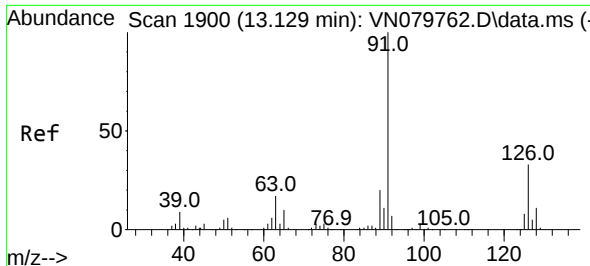
Delta R.T. -0.006 min

Lab File: VN079787.D

Acq: 02 Nov 2023 10:52

Tgt Ion: 91 Resp: 1087003
 Ion Ratio Lower Upper
 91 100
 120 21.3 11.5 34.4





#79
2-Chlorotoluene
Concen: 53.088 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

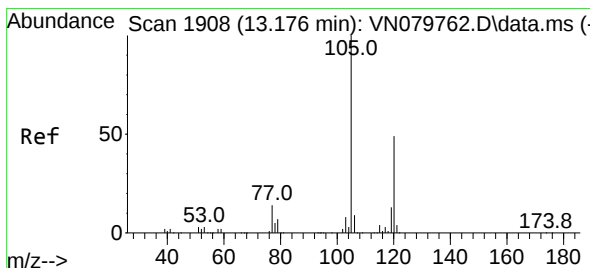
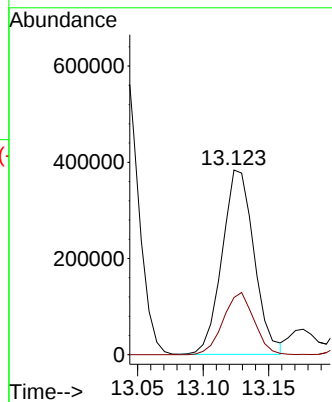
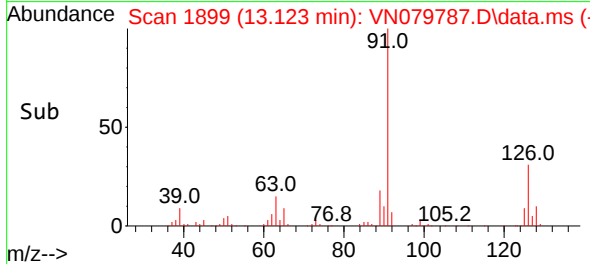
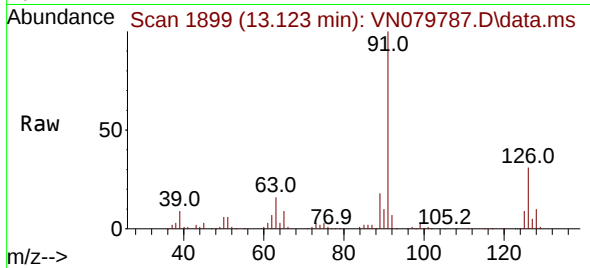
VSTDCCC050

Tgt Ion: 91 Resp: 651829
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8

Manual Integrations

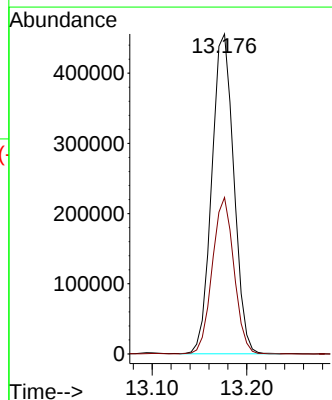
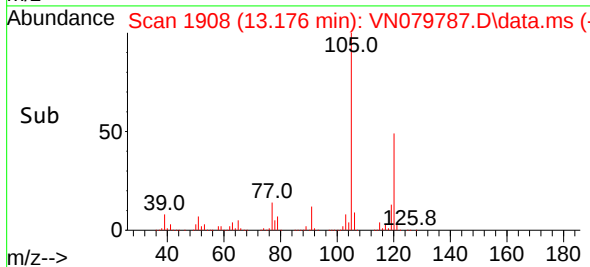
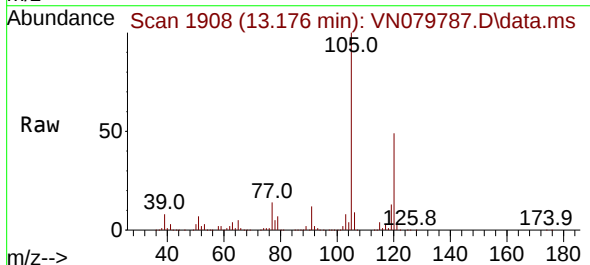
APPROVED

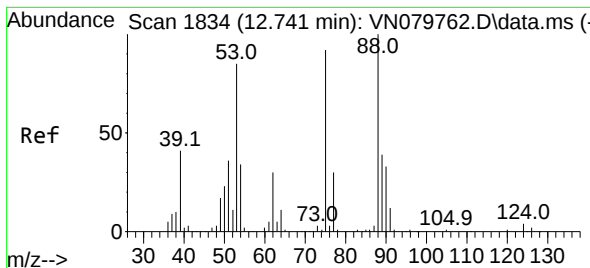
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#80
1,3,5-Trimethylbenzene
Concen: 56.431 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

Tgt Ion:105 Resp: 736880
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3





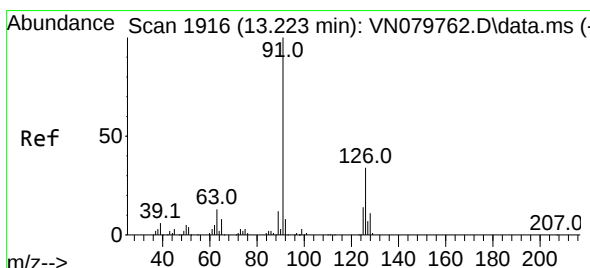
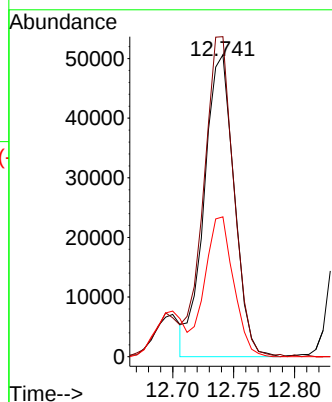
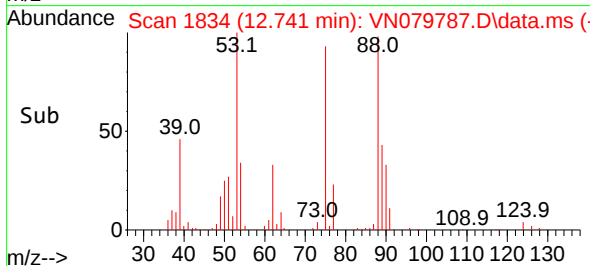
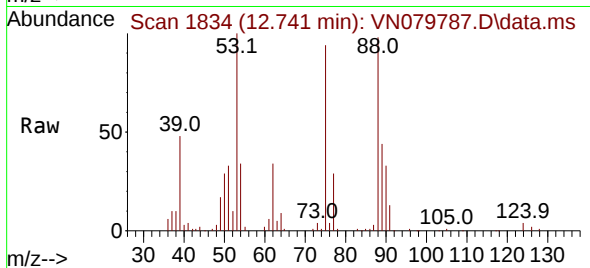
#81
trans-1,4-Dichloro-2-butene
Concen: 45.489 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 8680
Ion Ratio Lower Upper
75 100
53 106.2 67.4 101.2
89 44.5 38.8 58.2

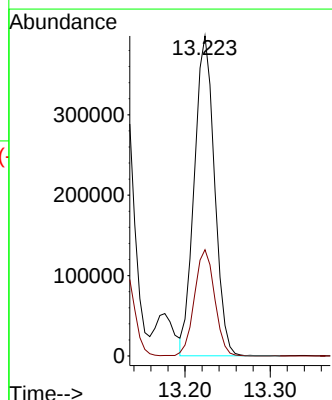
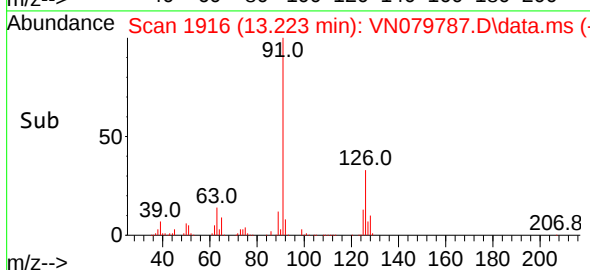
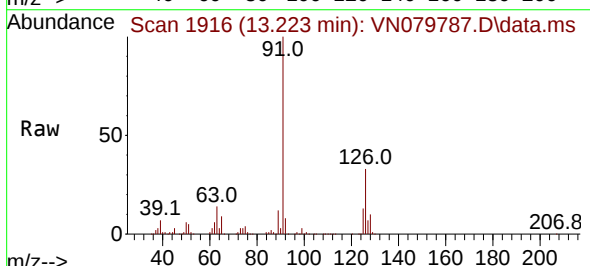
Manual Integrations
APPROVED

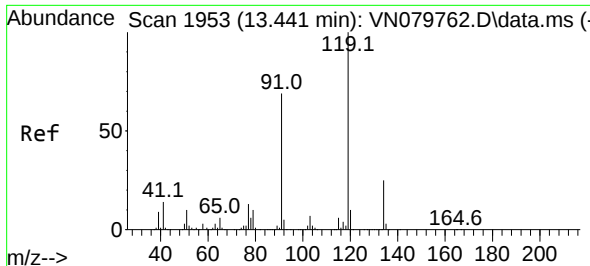
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#82
4-Chlorotoluene
Concen: 53.547 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

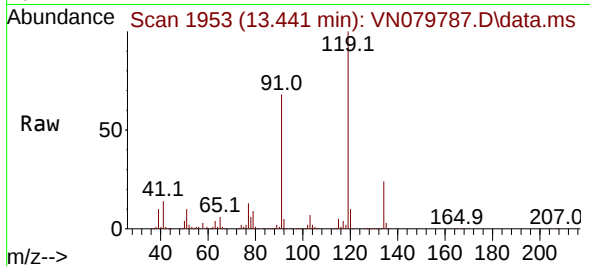
Tgt Ion: 91 Resp: 653315
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.0





#83
tert-Butylbenzene
Concen: 55.517 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

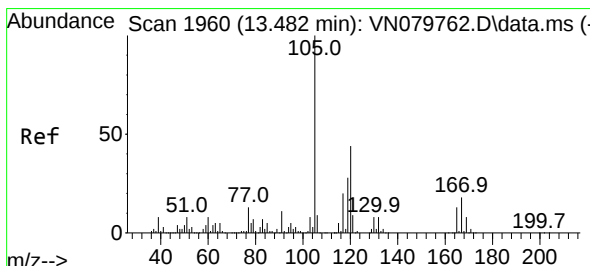
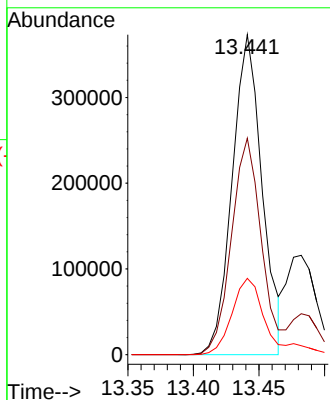
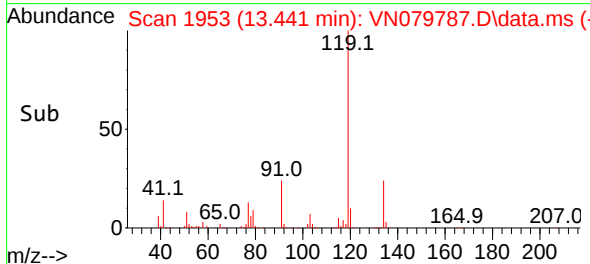
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



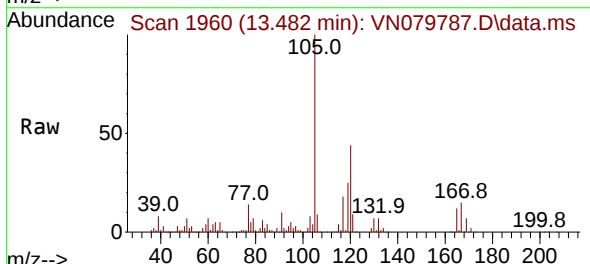
Tgt Ion:119 Resp: 593407
Ion Ratio Lower Upper
119 100
91 68.5 33.9 101.7
134 27.3 13.2 39.6

Manual Integrations
APPROVED

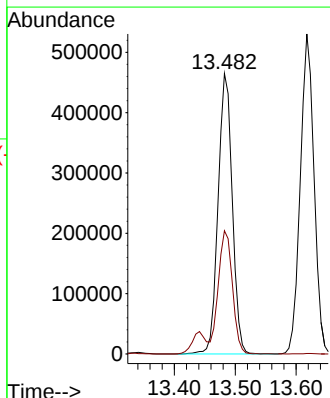
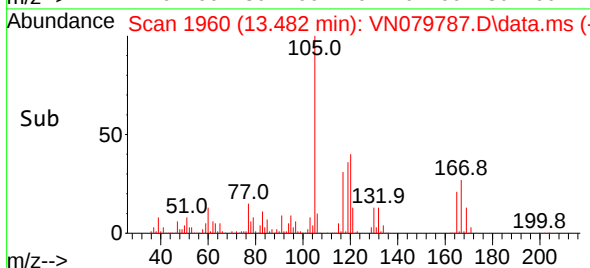
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

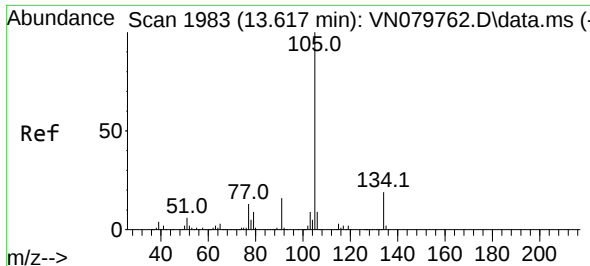


#84
1,2,4-Trimethylbenzene
Concen: 58.455 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52



Tgt Ion:105 Resp: 750997
Ion Ratio Lower Upper
105 100
120 43.5 22.0 66.0





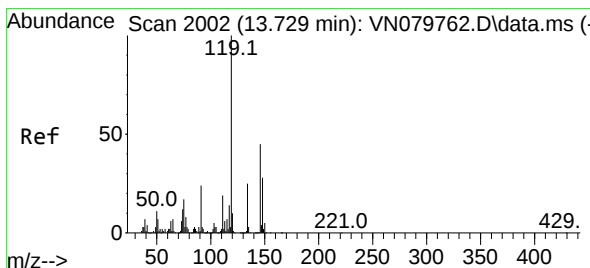
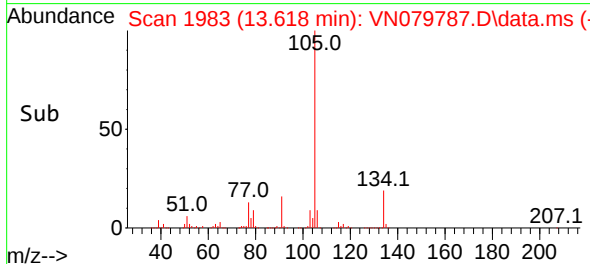
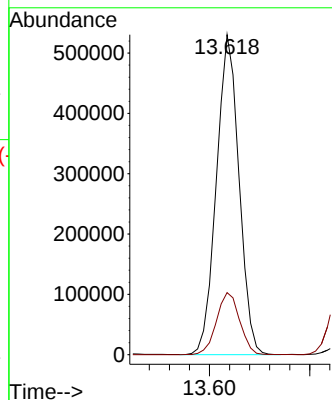
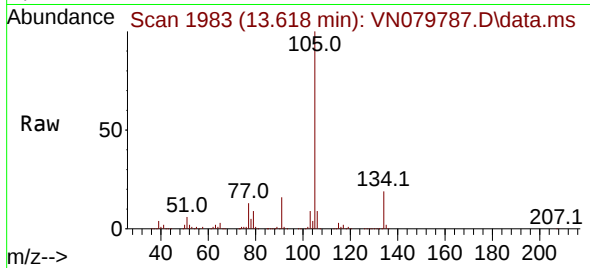
#85
 sec-Butylbenzene
 Concen: 56.081 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN079787.D
 Acq: 02 Nov 2023 10:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 830490
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

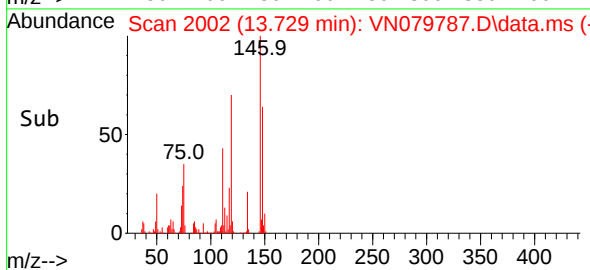
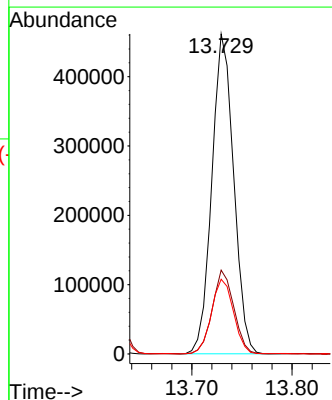
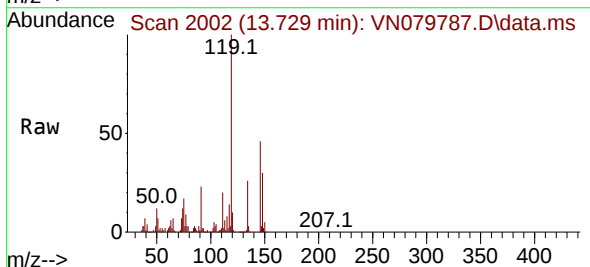
Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/03/2023
 Supervised By :Mahesh Dadoda 11/03/2023



#86
 p-Isopropyltoluene
 Concen: 57.761 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.006 min
 Lab File: VN079787.D
 Acq: 02 Nov 2023 10:52

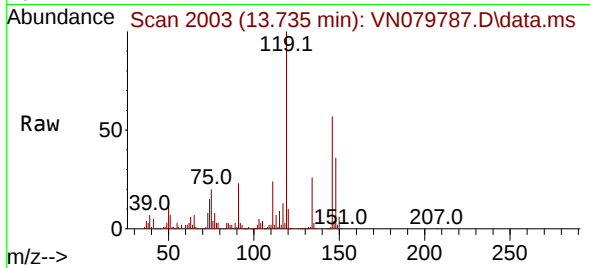
Tgt Ion:119 Resp: 697392
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 23.6 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 51.884 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

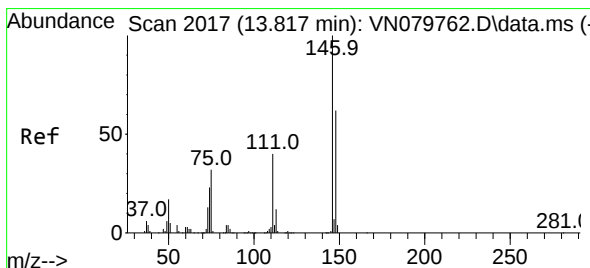
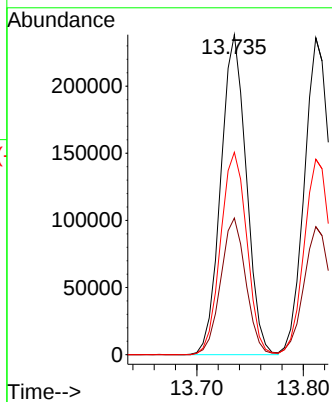
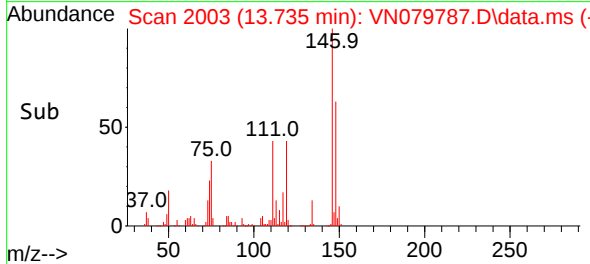
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 396598
Ion Ratio Lower Upper
146 100
111 42.1 22.1 66.3
148 65.0 32.0 96.0

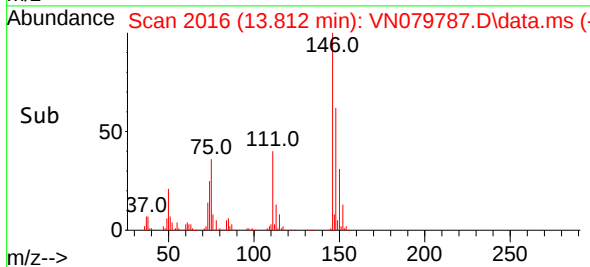
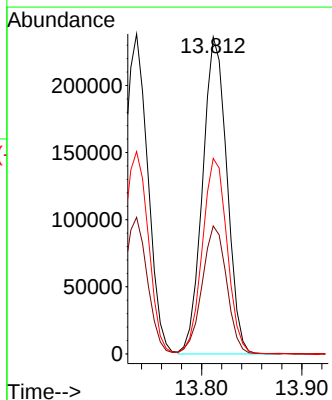
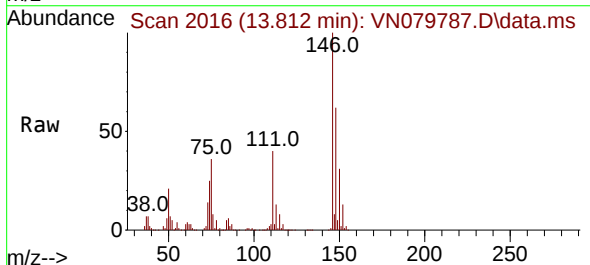
Manual Integrations
APPROVED

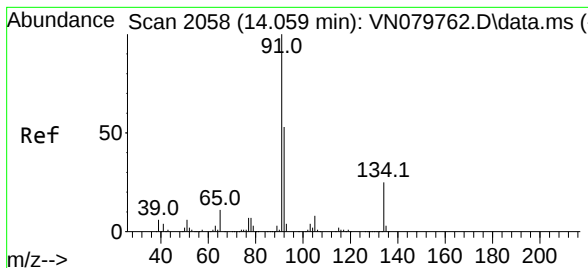
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#88
1,4-Dichlorobenzene
Concen: 51.237 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

Tgt Ion:146 Resp: 398285
Ion Ratio Lower Upper
146 100
111 40.6 20.6 61.8
148 62.8 31.6 94.8





#89

n-Butylbenzene

Concen: 56.737 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079787.D

Acq: 02 Nov 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

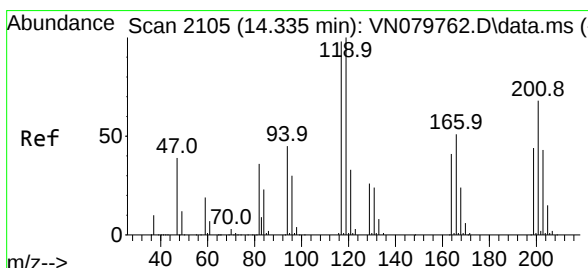
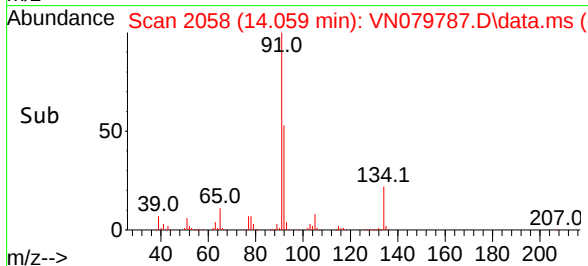
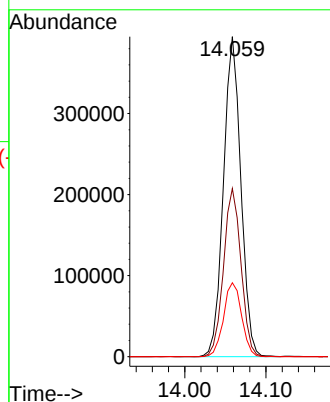
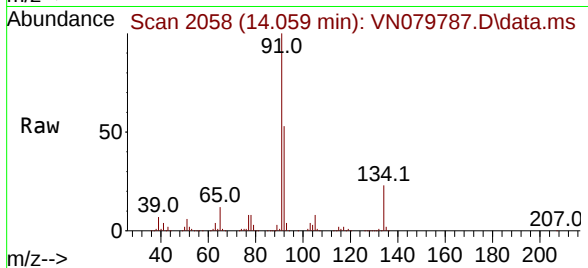
Tgt Ion:	91	Resp:	59001
Ion Ratio	Lower	Upper	
91	100		
92	52.7	26.4	79.0
134	24.0	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#90

Hexachloroethane

Concen: 52.108 ug/l

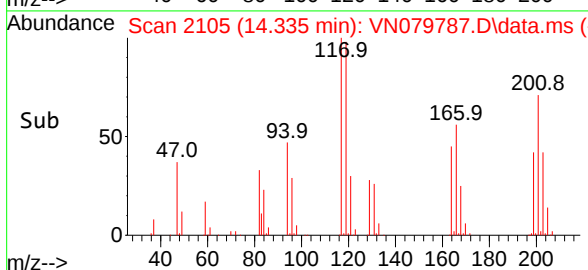
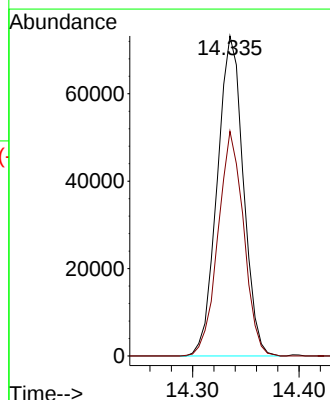
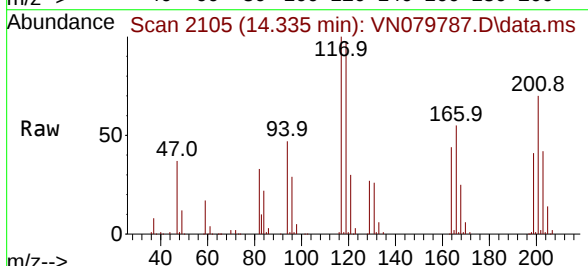
RT: 14.335 min Scan# 2105

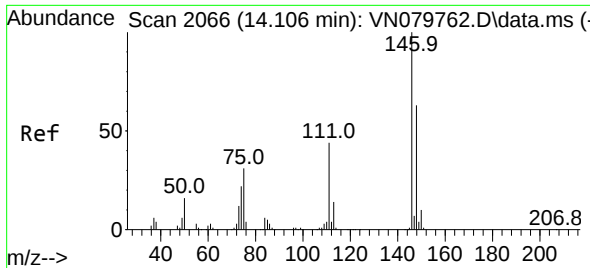
Delta R.T. 0.000 min

Lab File: VN079787.D

Acq: 02 Nov 2023 10:52

Tgt Ion:	117	Resp:	124596
Ion Ratio	Lower	Upper	
117	100		
201	69.0	29.3	88.0





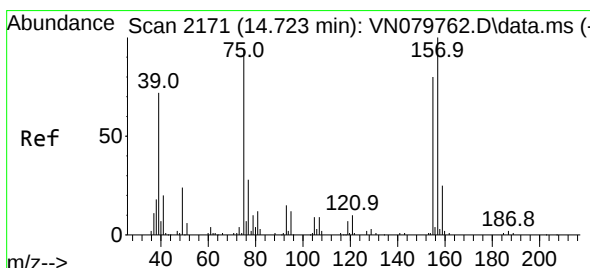
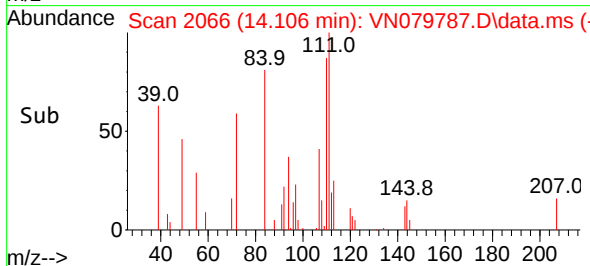
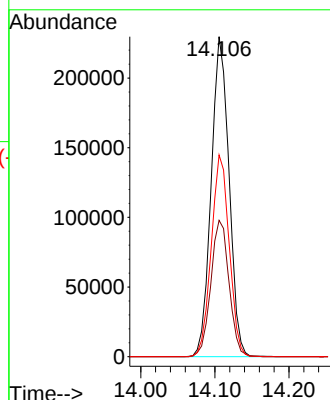
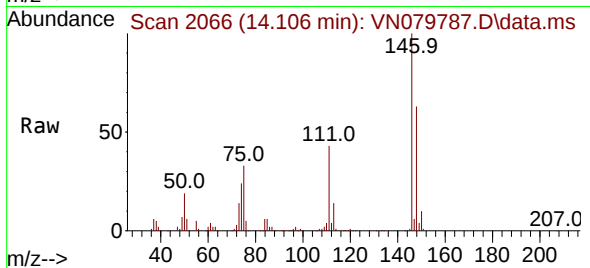
#91
1,2-Dichlorobenzene
Concen: 53.102 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 38318
Ion Ratio Lower Upper
146 100
111 43.5 22.0 66.0
148 63.6 31.8 95.3

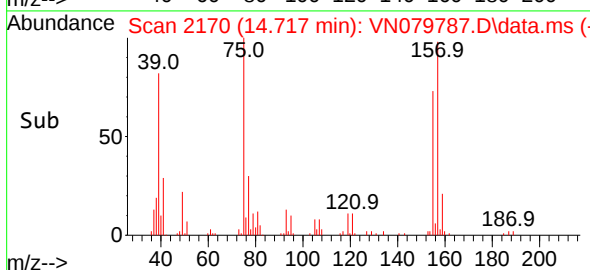
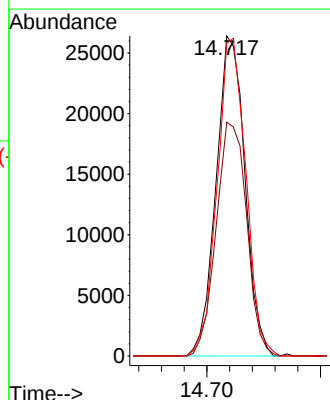
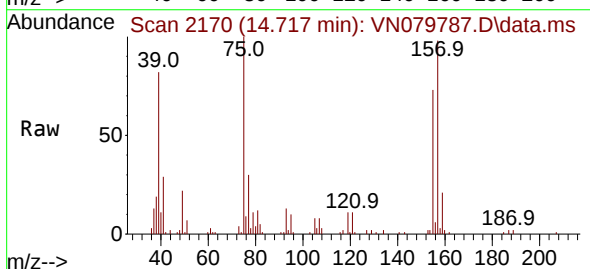
Manual Integrations
APPROVED

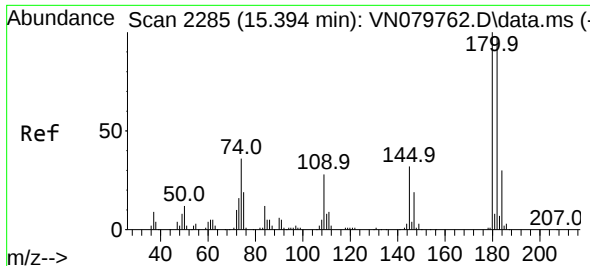
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.090 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

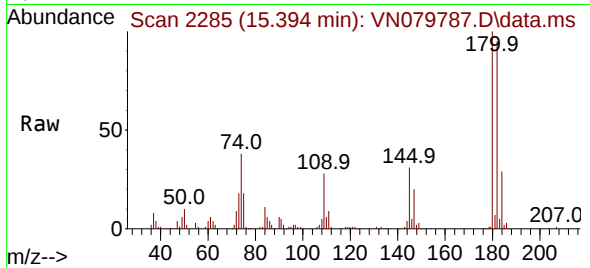
Tgt Ion: 75 Resp: 46511
Ion Ratio Lower Upper
75 100
155 77.2 39.1 117.2
157 98.8 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 51.533 ug/l
RT: 15.394 min Scan# 210
Delta R.T. -0.006 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

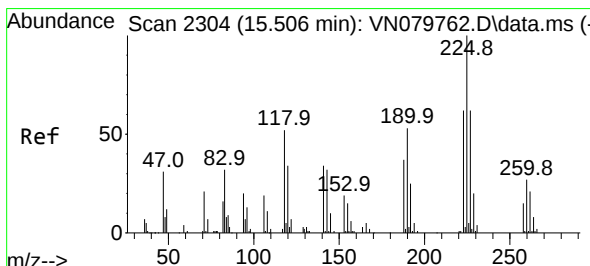
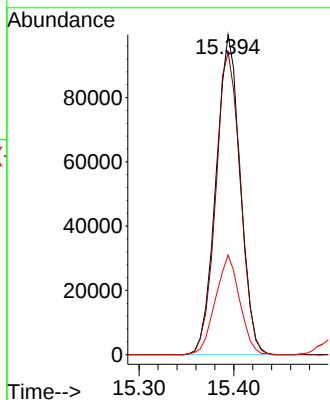
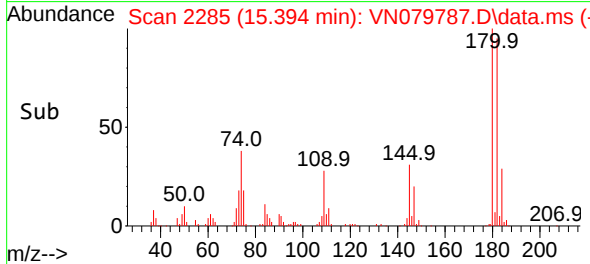
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 176810
Ion Ratio Lower Upper
180 100
182 96.5 46.1 138.2
145 31.3 16.6 49.8

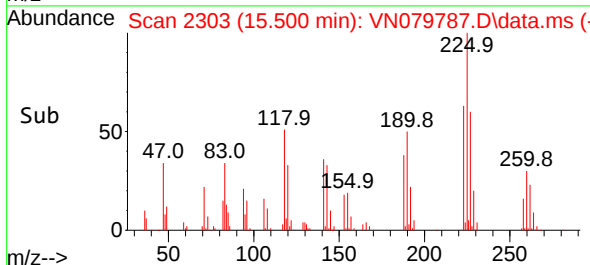
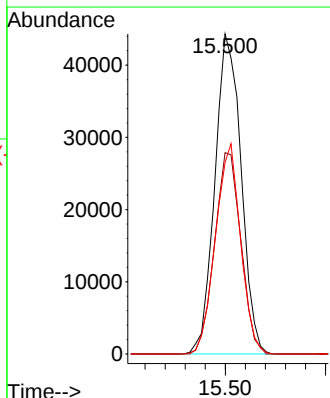
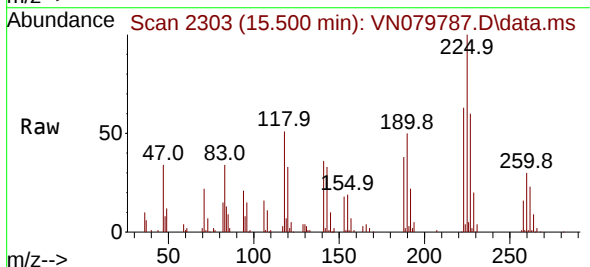
Manual Integrations
APPROVED

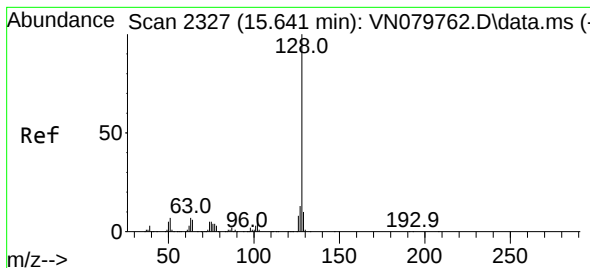
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#94
Hexachlorobutadiene
Concen: 51.618 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN079787.D
Acq: 02 Nov 2023 10:52

Tgt Ion:225 Resp: 80287
Ion Ratio Lower Upper
225 100
223 63.2 31.3 93.8
227 62.9 31.9 95.9





#95

Naphthalene

Concen: 44.967 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.006 min

Lab File: VN079787.D

Acq: 02 Nov 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 52322

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

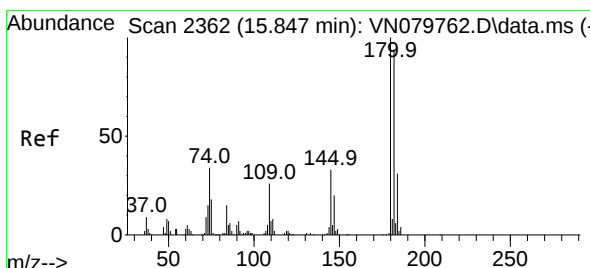
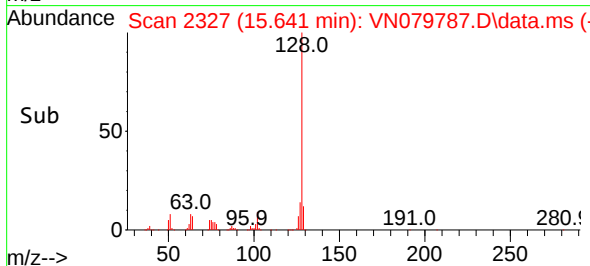
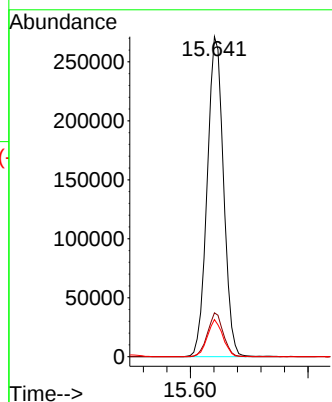
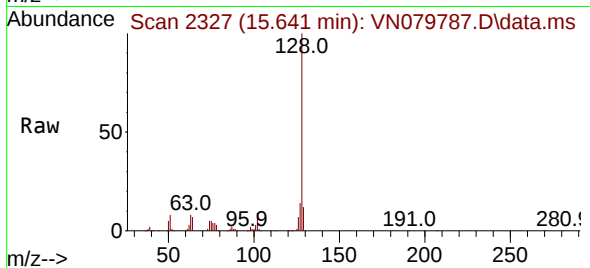
129 11.0 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#96

1,2,3-Trichlorobenzene

Concen: 50.082 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN079787.D

Acq: 02 Nov 2023 10:52

Tgt Ion:180 Resp: 168442

Ion Ratio Lower Upper

180 100

182 95.3 46.2 138.6

145 33.9 17.5 52.6

