

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112723\
 Data File : VN080287.D
 Acq On : 27 Nov 2023 19:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 28 02:11:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	239880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	374526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	342701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	168930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	194256	49.045	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.080%		
35) Dibromofluoromethane	8.171	113	145771	52.749	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.500%		
50) Toluene-d8	10.571	98	512083	51.404	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.800%		
62) 4-Bromofluorobenzene	12.853	95	194077	51.578	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	148107	41.450	ug/l	100
3) Chloromethane	2.365	50	108936	40.550	ug/l	100
4) Vinyl Chloride	2.512	62	122272	43.009	ug/l	99
5) Bromomethane	2.947	94	79558	41.222	ug/l	93
6) Chloroethane	3.118	64	79337	44.887	ug/l	99
7) Trichlorofluoromethane	3.495	101	251737	42.447	ug/l	97
8) Diethyl Ether	3.959	74	75444	43.742	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.377	101	116231	42.879	ug/l	94
10) Methyl Iodide	4.589	142	131301	44.821	ug/l #	84
11) Tert butyl alcohol	5.512	59	105621	242.492	ug/l	99
12) 1,1-Dichloroethene	4.336	96	110419	43.552	ug/l	87
13) Acrolein	4.177	56	99666	258.558	ug/l	98
14) Allyl chloride	5.030	41	139194	43.637	ug/l	95
15) Acrylonitrile	5.712	53	268161	229.337	ug/l	99
16) Acetone	4.424	43	218027	163.889	ug/l	98
17) Carbon Disulfide	4.712	76	279347	36.900	ug/l	99
18) Methyl Acetate	5.024	43	191877	44.890	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	416067	46.469	ug/l	98
20) Methylene Chloride	5.277	84	131550	47.220	ug/l	96
21) trans-1,2-Dichloroethene	5.788	96	118581	42.574	ug/l #	83
22) Diisopropyl ether	6.671	45	326397	46.249	ug/l	96
23) Vinyl Acetate	6.600	43	1089152m	256.705	ug/l	
24) 1,1-Dichloroethane	6.571	63	226402	44.046	ug/l	97
25) 2-Butanone	7.482	43	311155	196.859	ug/l	92
26) 2,2-Dichloropropane	7.488	77	206630	40.518	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	140292	44.426	ug/l	89
28) Bromochloromethane	7.812	49	94415	46.722	ug/l	98
29) Tetrahydrofuran	7.835	42	196311	231.340	ug/l	92
30) Chloroform	7.965	83	259505	45.169	ug/l	96
31) Cyclohexane	8.259	56	165013	38.309	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	250058	44.631	ug/l	97
36) 1,1-Dichloropropene	8.377	75	175566	43.880	ug/l	96
37) Ethyl Acetate	7.565	43	121980	43.953	ug/l #	95
38) Carbon Tetrachloride	8.359	117	225469	44.407	ug/l	98
39) Methylcyclohexane	9.606	83	161236	41.795	ug/l	91
40) Benzene	8.606	78	506924	44.579	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	70871	46.501	ug/l	93
42) 1,2-Dichloroethane	8.671	62	212413	45.658	ug/l	96
43) Isopropyl Acetate	8.688	43	215701	39.940	ug/l	99
44) Trichloroethene	9.353	130	133092	44.619	ug/l	98
45) 1,2-Dichloropropane	9.624	63	121470	45.966	ug/l	95
46) Dibromomethane	9.712	93	91917	45.950	ug/l	90
47) Bromodichloromethane	9.888	83	207981	47.266	ug/l	97
48) Methyl methacrylate	9.682	41	127770	45.909	ug/l	93
49) 1,4-Dioxane	9.694	88	42122	909.753	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	643661	230.208	ug/l	99
52) Toluene	10.635	92	322802	45.360	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	204091	45.144	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	219138	47.445	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	127108	46.797	ug/l	99
56) Ethyl methacrylate	10.876	69	136087	49.045	ug/l	95
57) 1,3-Dichloropropane	11.165	76	218486	46.072	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	384679	246.081	ug/l	97
59) 2-Hexanone	11.200	43	478608	213.023	ug/l	97
60) Dibromochloromethane	11.359	129	156275	48.058	ug/l	99
61) 1,2-Dibromoethane	11.470	107	127046	45.849	ug/l	97
64) Tetrachloroethene	11.106	164	137045	52.400	ug/l	97
65) Chlorobenzene	11.894	112	345177	44.451	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	141048	46.806	ug/l	94
67) Ethyl Benzene	11.965	91	619899	44.862	ug/l	96
68) m/p-Xylenes	12.070	106	463605	92.019	ug/l	88
69) o-Xylene	12.400	106	223074	46.982	ug/l	88
70) Styrene	12.412	104	336242	47.579	ug/l	93
71) Bromoform	12.576	173	103705	46.406	ug/l #	99
73) Isopropylbenzene	12.700	105	598079	45.561	ug/l	98
74) N-amyl acetate	12.494	43	172034	42.025	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	162114	41.262	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	162127m	39.170	ug/l	
77) Bromobenzene	12.982	156	146710	44.328	ug/l	97
78) n-propylbenzene	13.041	91	656489	44.723	ug/l	99
79) 2-Chlorotoluene	13.129	91	424270	44.501	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	512325	44.834	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	51641	42.153	ug/l	88
82) 4-Chlorotoluene	13.223	91	434940	44.531	ug/l	96
83) tert-Butylbenzene	13.441	119	425811	46.467	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	511407	45.450	ug/l	97
85) sec-Butylbenzene	13.617	105	524460	45.242	ug/l	99
86) p-Isopropyltoluene	13.735	119	483248	46.666	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	256008	42.934	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	252852	42.196	ug/l	97
89) n-Butylbenzene	14.059	91	382427	44.122	ug/l	100
90) Hexachloroethane	14.335	117	85946	42.572	ug/l	73
91) 1,2-Dichlorobenzene	14.106	146	250057	43.823	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	37215	40.780	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	131285	39.559	ug/l	97
94) Hexachlorobutadiene	15.506	225	73413	38.440	ug/l	98
95) Naphthalene	15.641	128	372664	38.724	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	125282	40.275	ug/l	96

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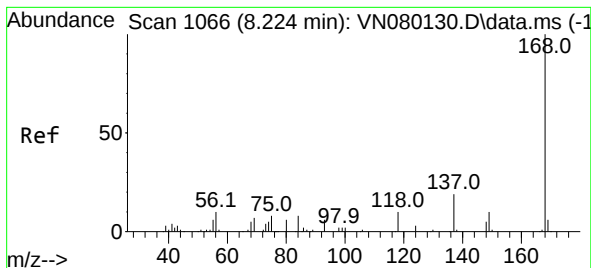
Manual Integrations
APPROVED

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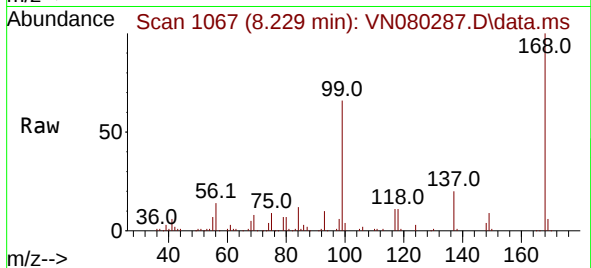
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN080287.D
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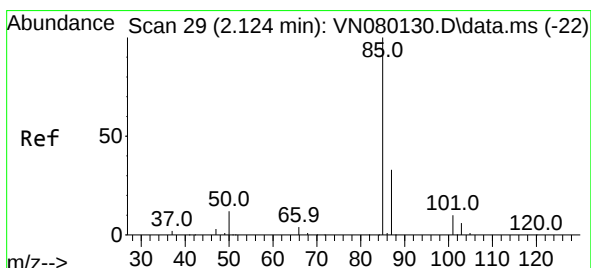
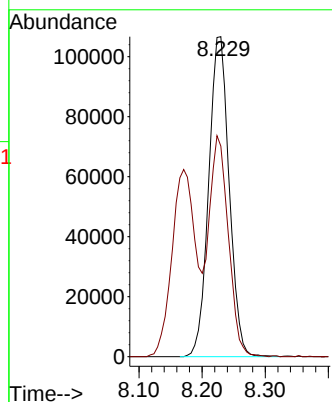
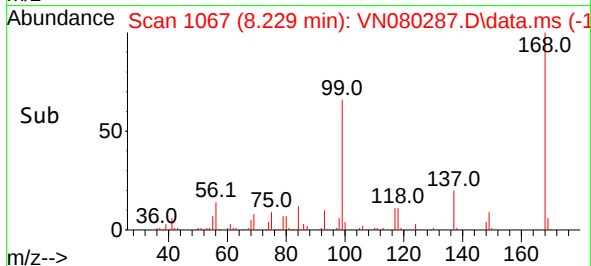
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 239880
Ion Ratio Lower Upper
168 100
99 65.8 53.0 79.6

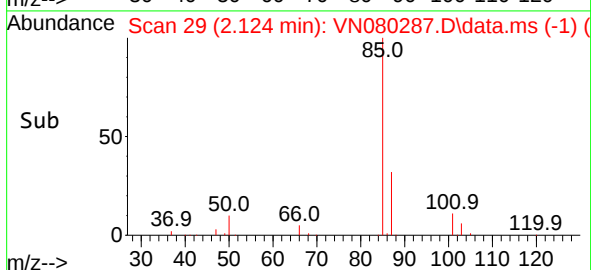
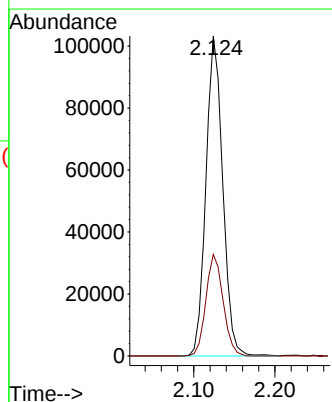
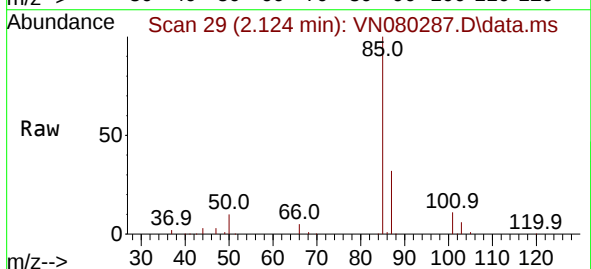
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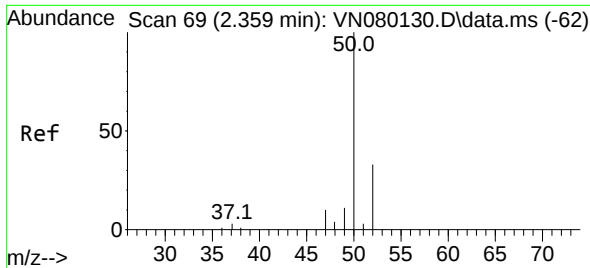
Reviewed By :John Carlone 11/28/2023
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#2
Dichlorodifluoromethane
Concen: 41.450 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

Tgt Ion: 85 Resp: 148107
Ion Ratio Lower Upper
85 100
87 31.8 15.8 47.4





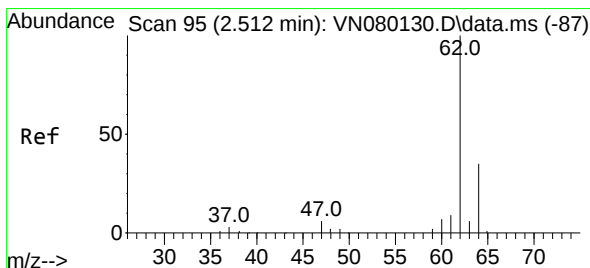
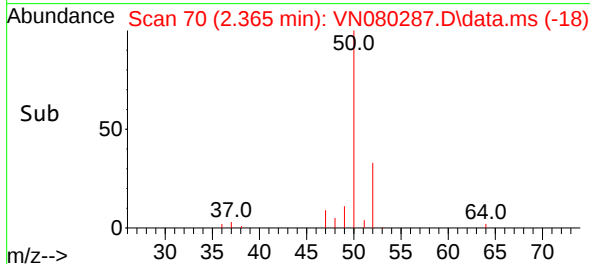
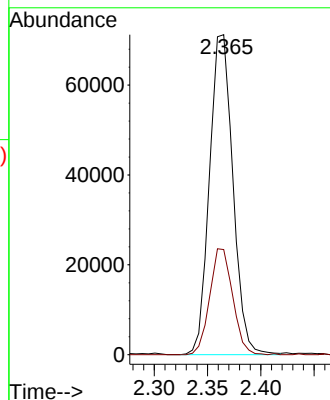
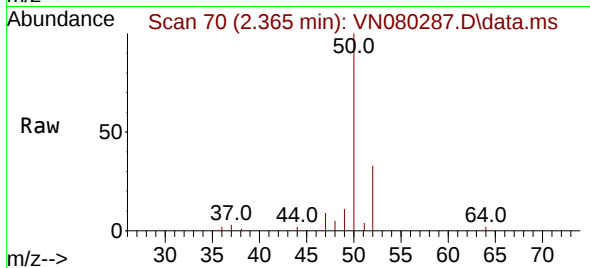
#3
Chloromethane
Concen: 40.550 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080287.D
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Tgt Ion: 50 Resp: 108930
Ion Ratio Lower Upper
50 100
52 32.8 26.5 39.7

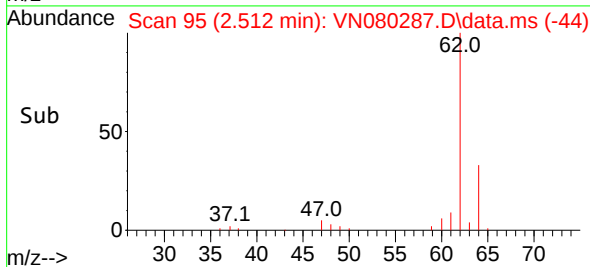
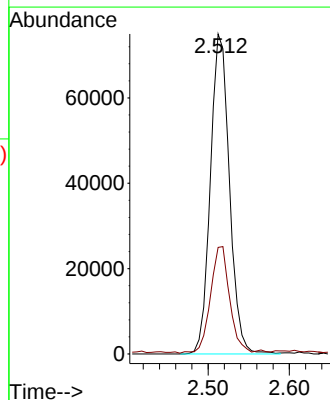
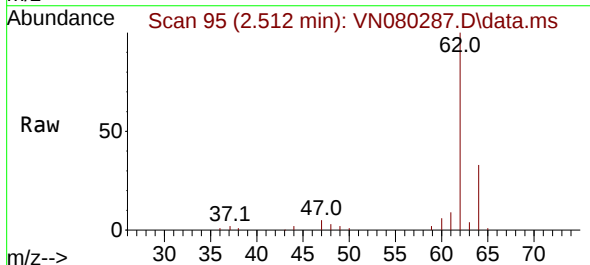
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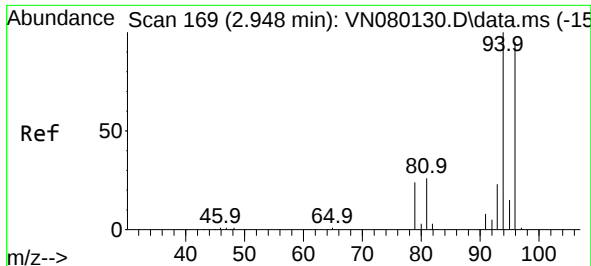
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#4
Vinyl Chloride
Concen: 43.009 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080287.D
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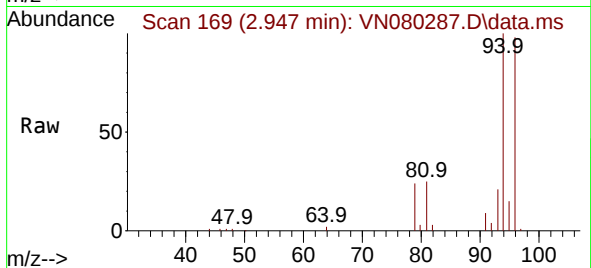
Tgt Ion: 62 Resp: 122272
Ion Ratio Lower Upper
62 100
64 33.0 26.2 39.2





#5
Bromomethane
Concen: 41.222 ug/l
RT: 2.947 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN080287.D
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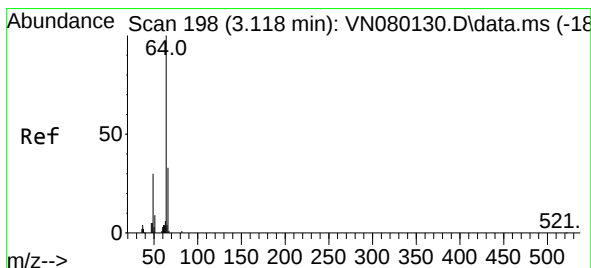
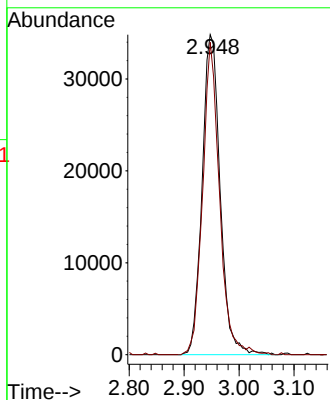
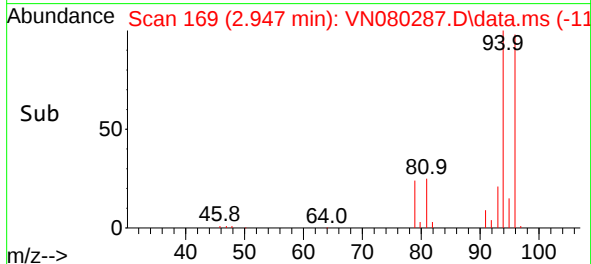
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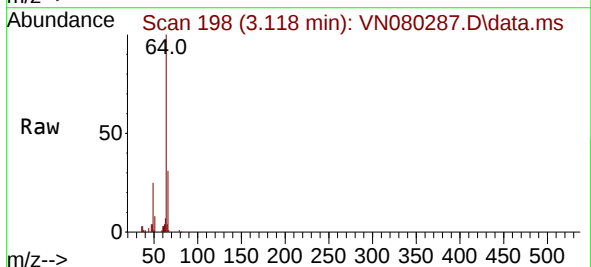
Tgt Ion: 94 Resp: 79558
Ion Ratio Lower Upper
94 100
96 97.6 73.1 109.7

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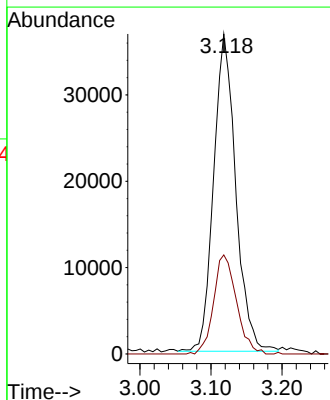
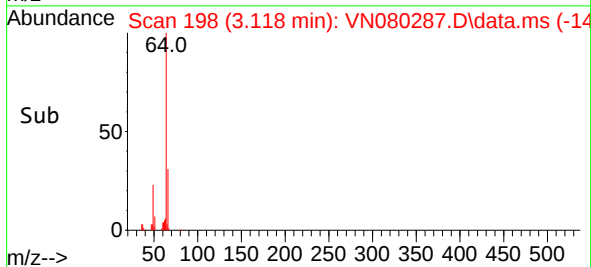
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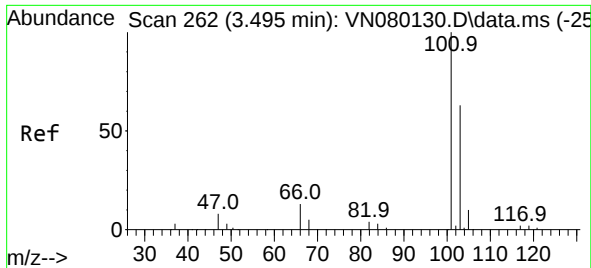


#6
Chloroethane
Concen: 44.887 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080287.D
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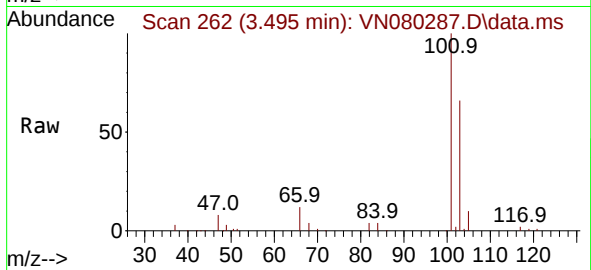
Tgt Ion: 64 Resp: 79337
Ion Ratio Lower Upper
64 100
66 31.2 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 42.447 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.000 min
 Lab File: VN080287.D
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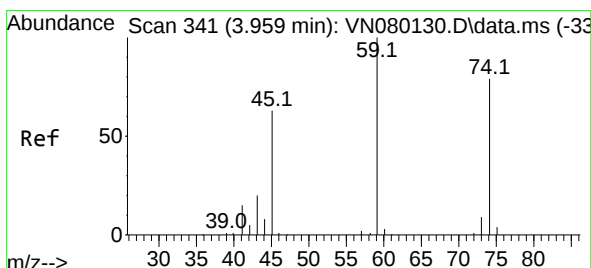
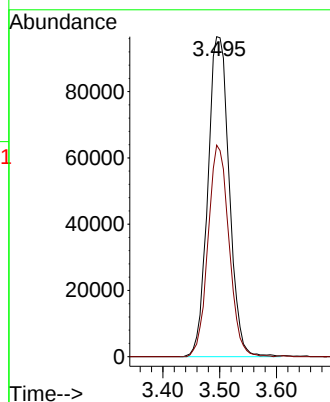
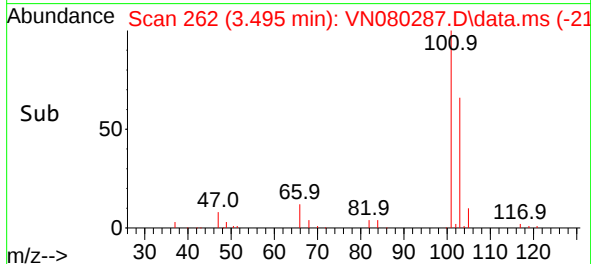
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 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 25173
 Ion Ratio Lower Upper
 101 100
 103 66.1 50.7 76.1

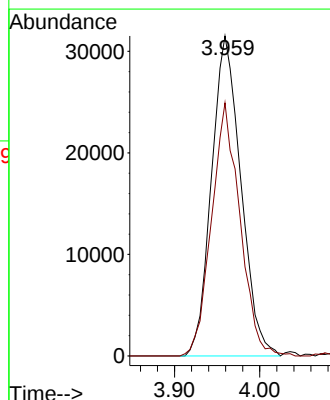
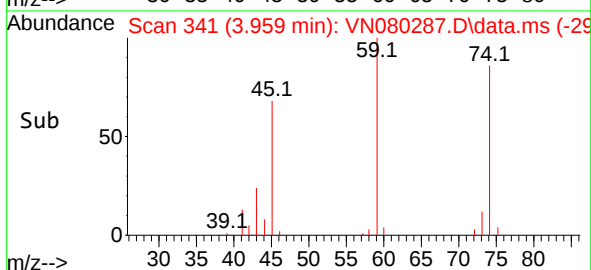
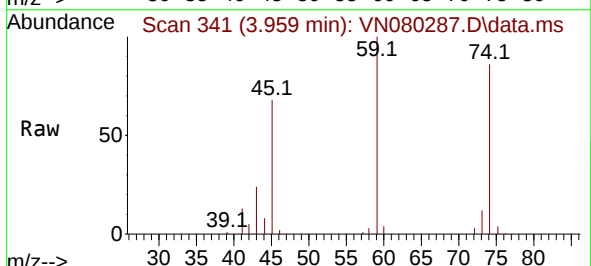
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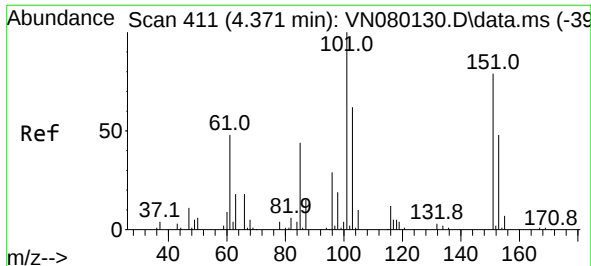
Reviewed By :John Carlone 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023



#8
 Diethyl Ether
 Concen: 43.742 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN080287.D
 Acq: 27 Nov 2023 19:57

Tgt Ion: 74 Resp: 75444
 Ion Ratio Lower Upper
 74 100
 45 76.6 34.4 103.3





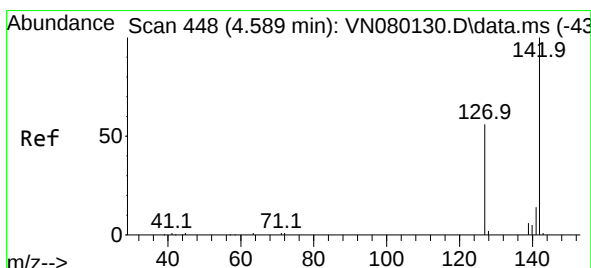
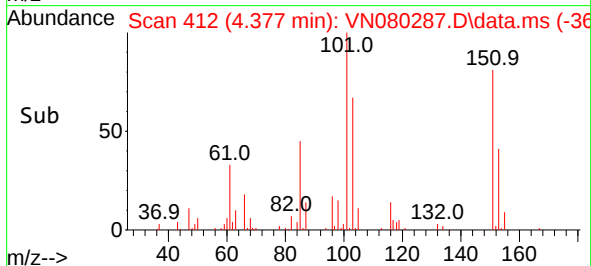
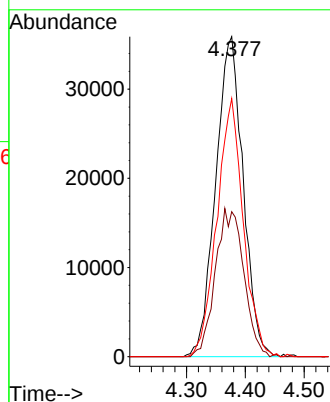
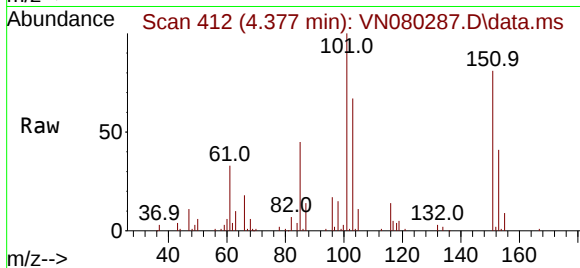
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.879 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 11623
Ion Ratio Lower Upper
101 100
85 48.1 36.6 55.0
151 77.7 57.6 86.4

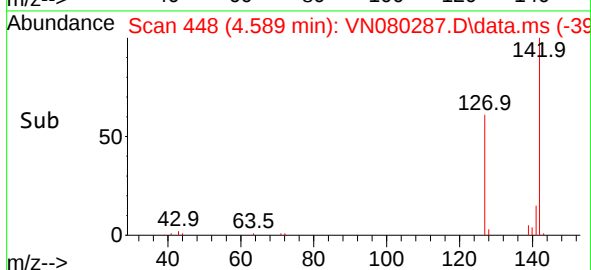
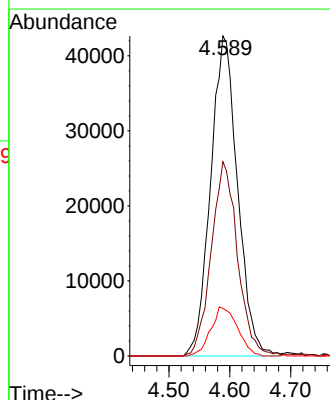
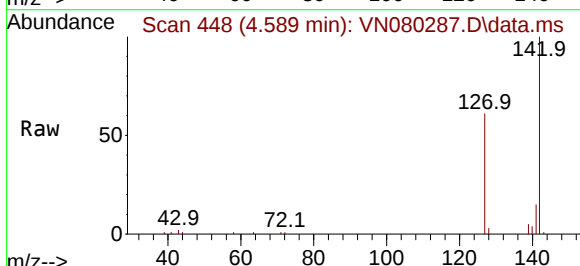
Manual Integrations
APPROVED

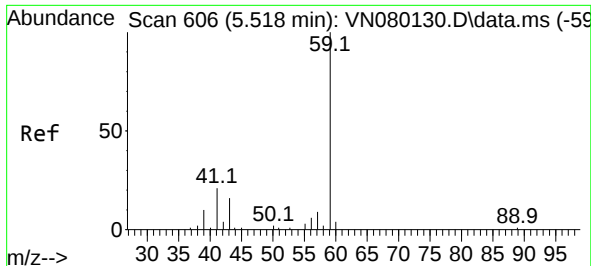
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#10
Methyl Iodide
Concen: 44.821 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

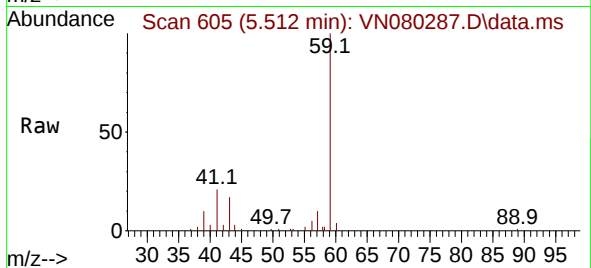
Tgt Ion:142 Resp: 131301
Ion Ratio Lower Upper
142 100
127 60.7 37.6 56.4#
141 14.9 11.4 17.0





#11
Tert butyl alcohol
Concen: 242.492 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

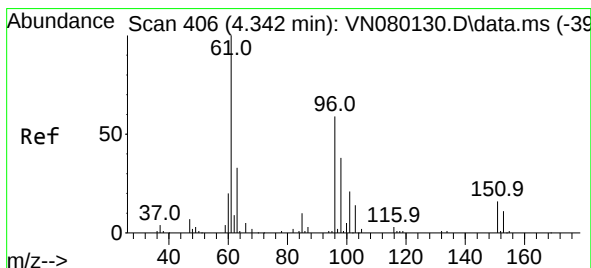
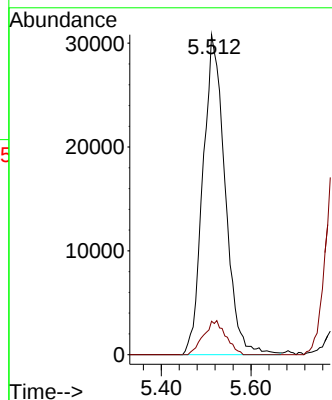
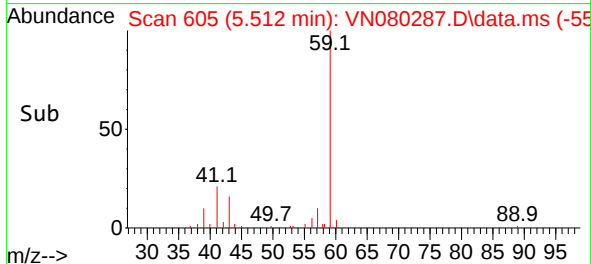
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



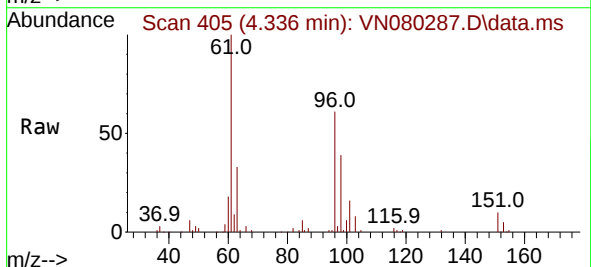
Tgt Ion: 59 Resp: 10562
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

Manual Integrations
APPROVED

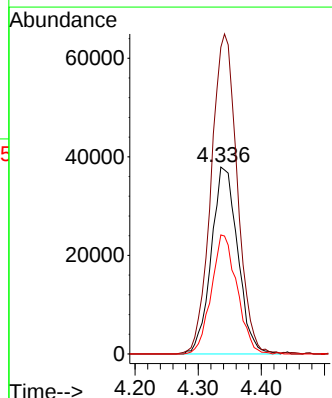
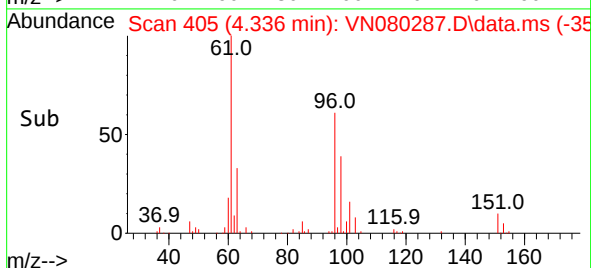
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

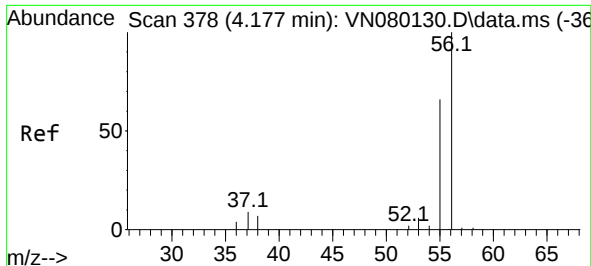


#12
1,1-Dichloroethene
Concen: 43.552 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57



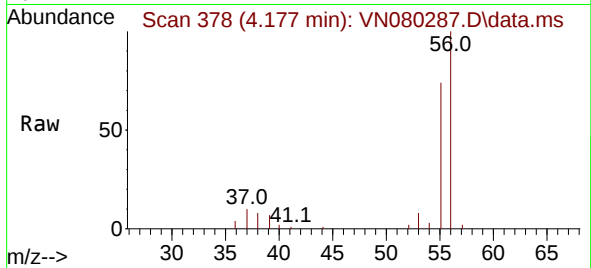
Tgt Ion: 96 Resp: 110419
Ion Ratio Lower Upper
96 100
61 163.8 112.7 169.1
98 63.7 51.2 76.8





#13
Acrolein
Concen: 258.558 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

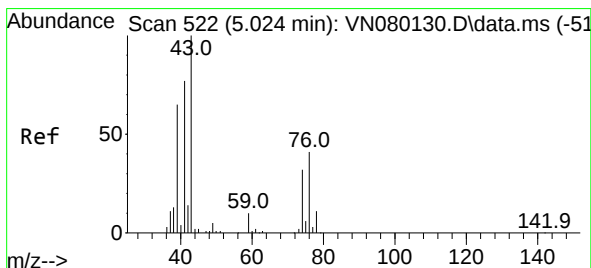
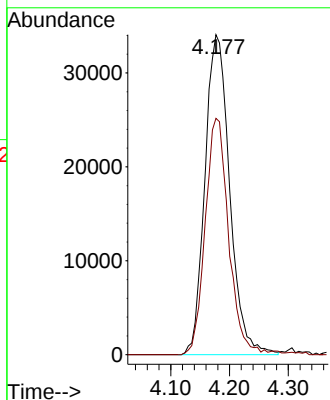
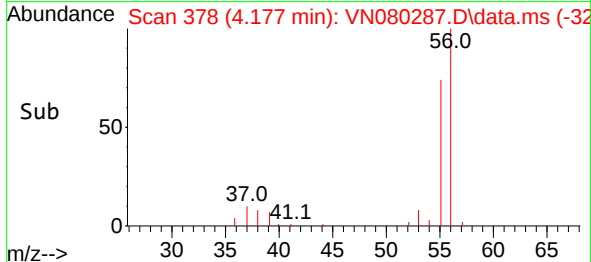
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



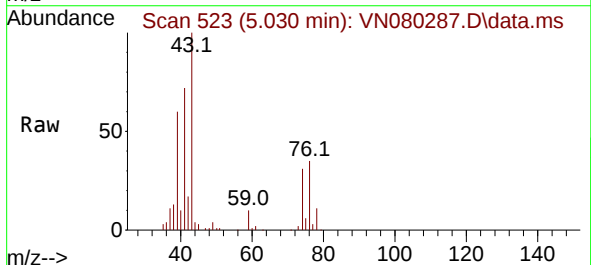
Tgt Ion: 56 Resp: 9966
Ion Ratio Lower Upper
56 100
55 69.8 54.5 81.7

Manual Integrations
APPROVED

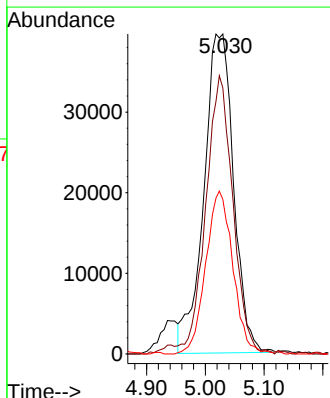
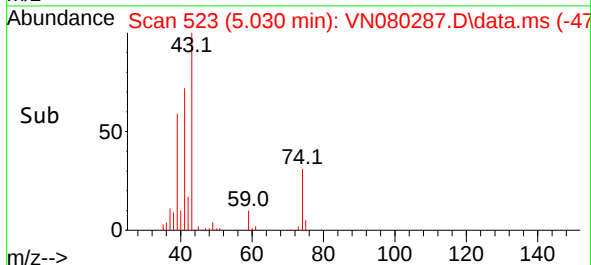
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

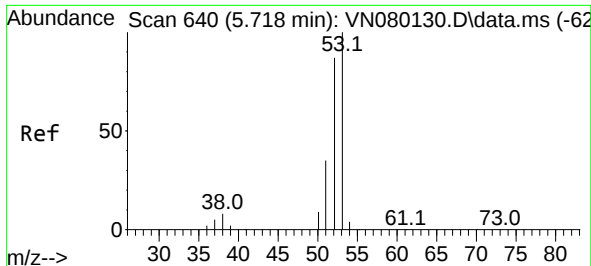


#14
Allyl chloride
Concen: 43.637 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57



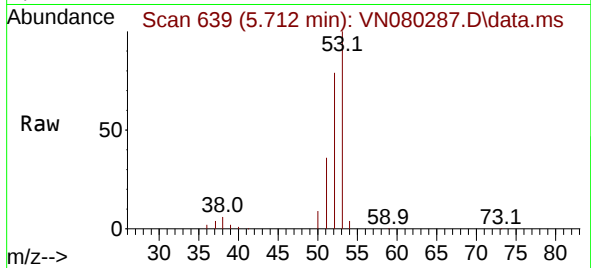
Tgt Ion: 41 Resp: 139194
Ion Ratio Lower Upper
41 100
39 79.2 58.8 88.2
76 46.6 39.1 58.7





#15
Acrylonitrile
Concen: 229.337 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

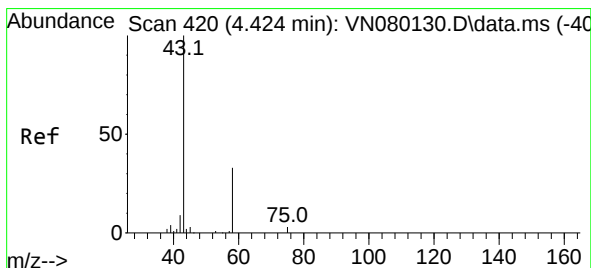
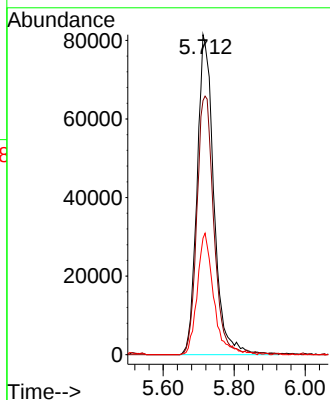
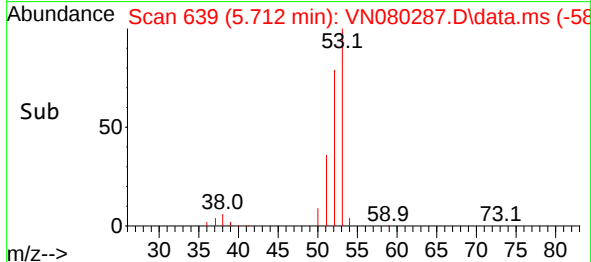
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 26816
Ion Ratio Lower Upper
53 100
52 81.1 65.3 97.9
51 37.4 28.9 43.3

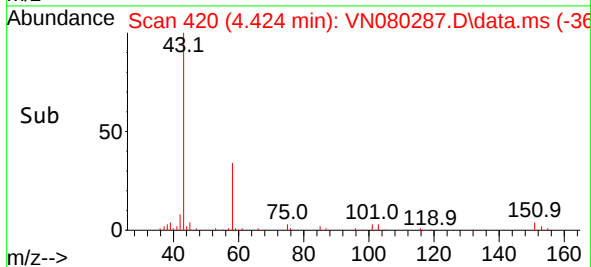
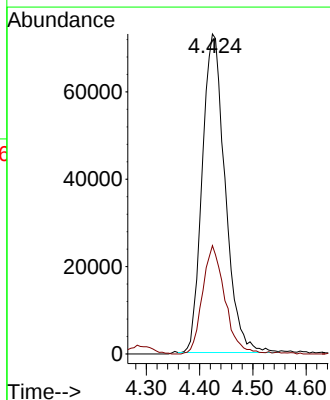
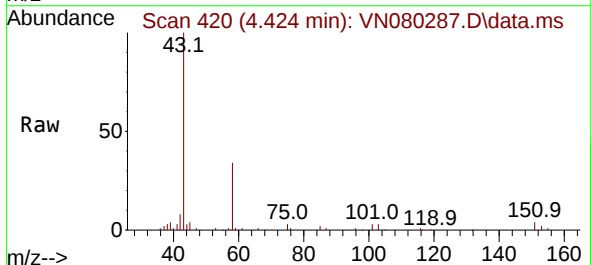
Manual Integrations
APPROVED

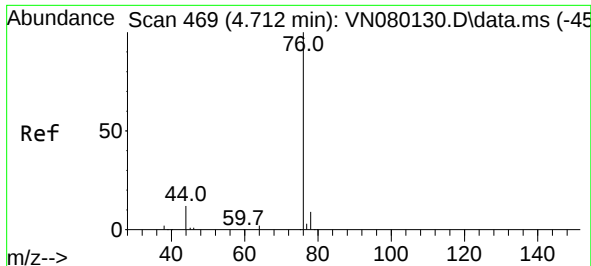
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#16
Acetone
Concen: 163.889 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

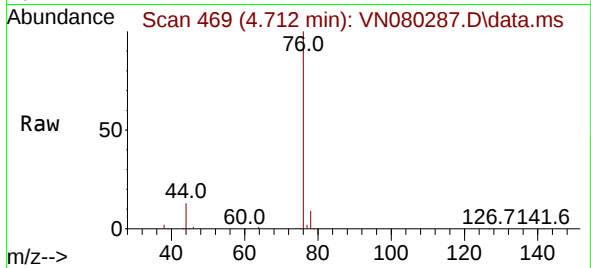
Tgt Ion: 43 Resp: 218027
Ion Ratio Lower Upper
43 100
58 34.0 28.0 42.0





#17
Carbon Disulfide
Concen: 36.900 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

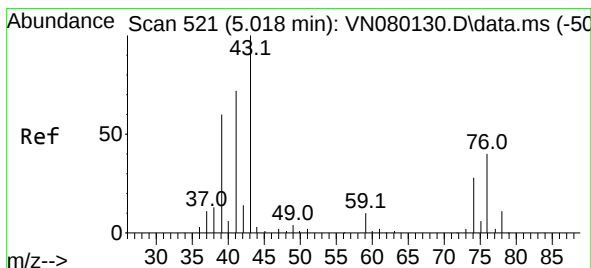
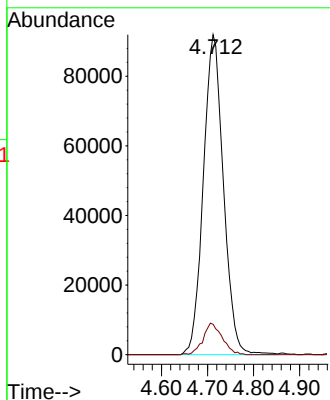
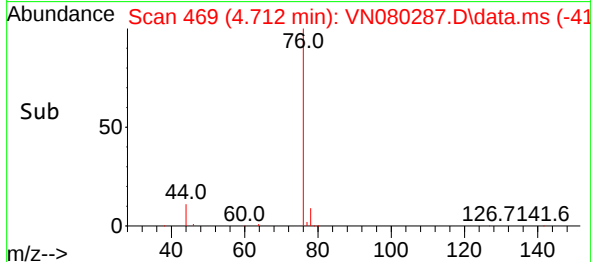
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



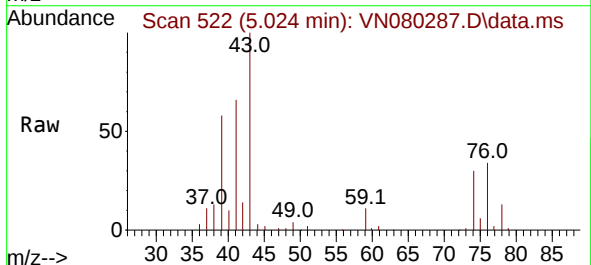
Tgt Ion: 76 Resp: 27934
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

Manual Integrations
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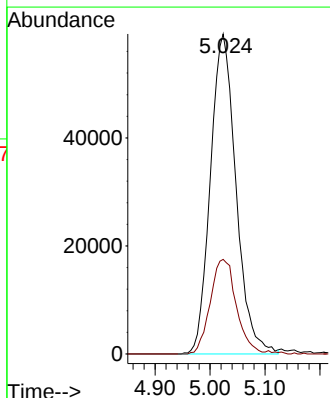
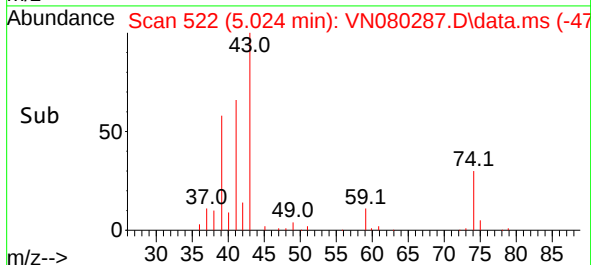
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

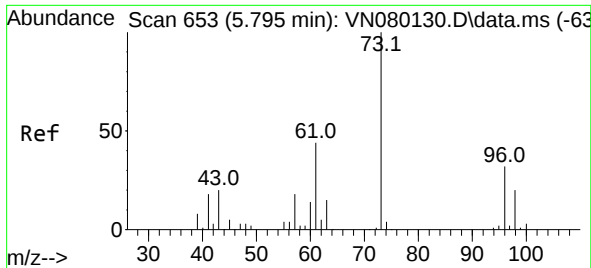


#18
Methyl Acetate
Concen: 44.890 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57



Tgt Ion: 43 Resp: 191877
Ion Ratio Lower Upper
43 100
74 30.0 26.2 39.4





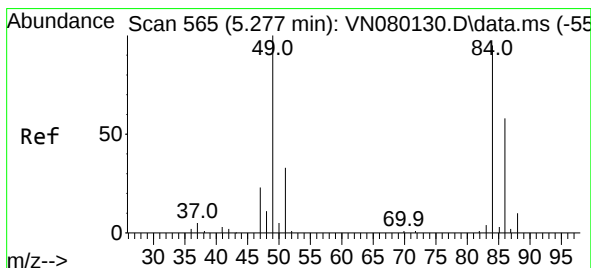
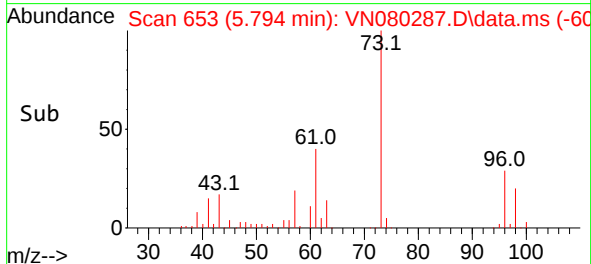
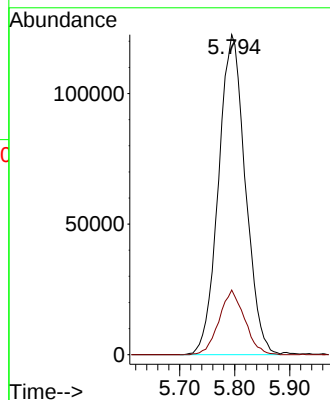
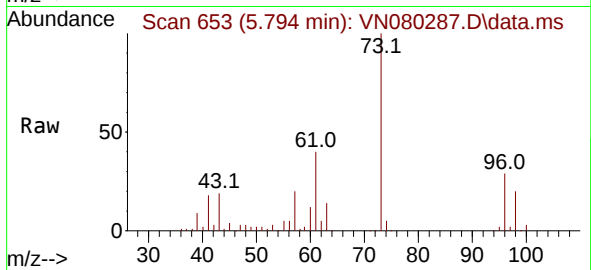
#19
Methyl tert-butyl Ether
Concen: 46.469 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 41606
Ion Ratio Lower Upper
73 100
57 20.2 15.6 23.4

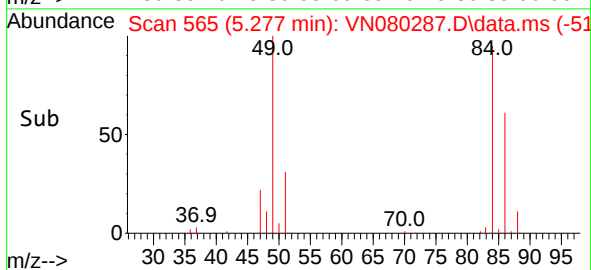
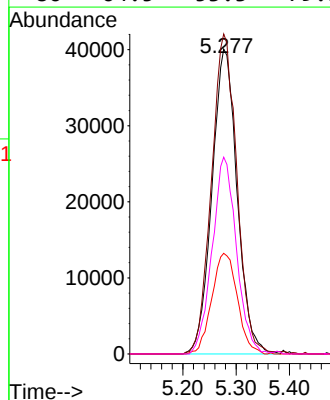
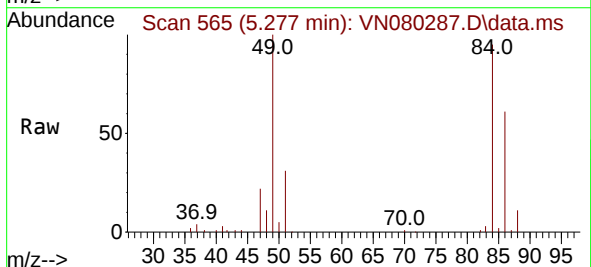
Manual Integrations
APPROVED

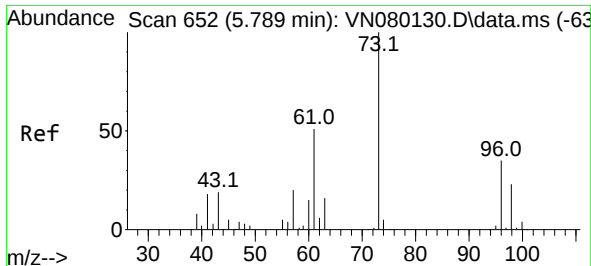
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#20
Methylene Chloride
Concen: 47.220 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

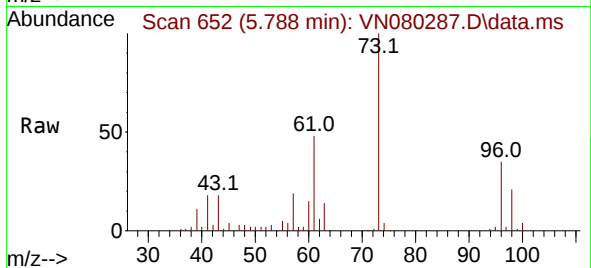
Tgt Ion: 84 Resp: 131550
Ion Ratio Lower Upper
84 100
49 104.9 79.7 119.5
51 33.0 25.2 37.8
86 64.5 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 42.574 ug/l
RT: 5.788 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

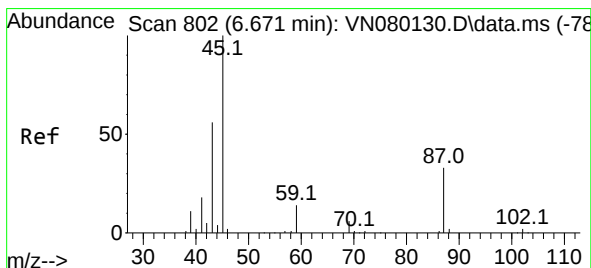
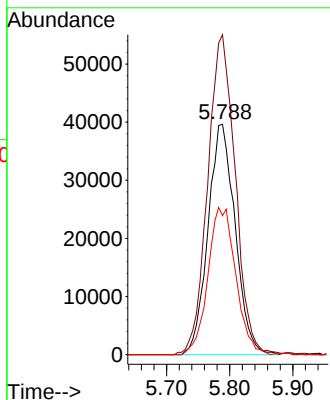
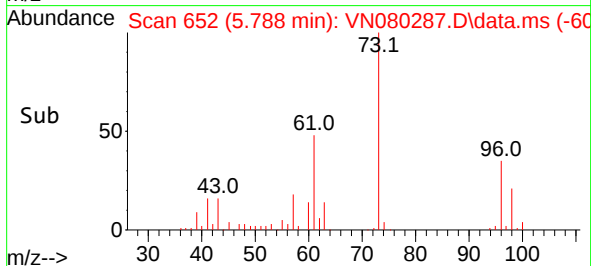
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



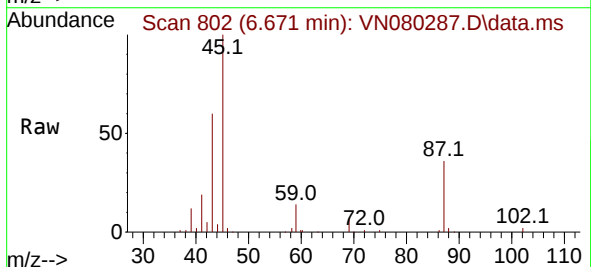
Tgt Ion: 96 Resp: 11858
Ion Ratio Lower Upper
96 100
61 138.0 90.1 135.1
98 60.3 46.4 69.6

Manual Integrations
APPROVED

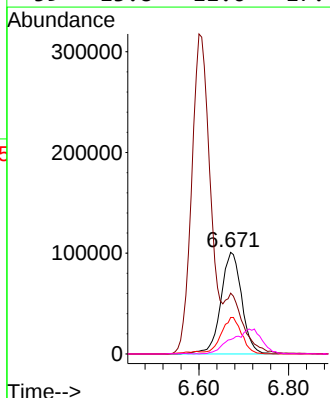
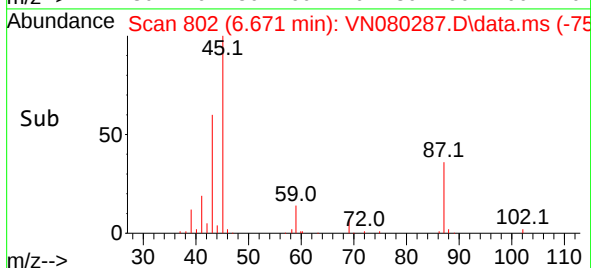
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

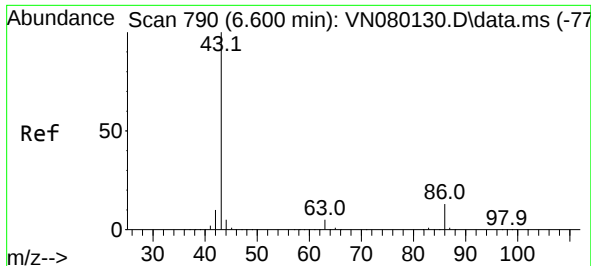


#22
Diisopropyl ether
Concen: 46.249 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57



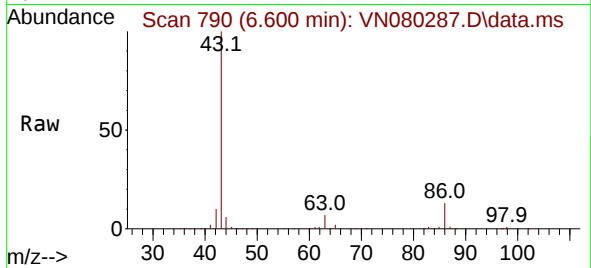
Tgt Ion: 45 Resp: 326397
Ion Ratio Lower Upper
45 100
43 58.7 45.5 68.3
87 36.0 31.8 47.8
59 13.8 11.6 17.4





#23
 Vinyl Acetate
 Concen: 256.705 ug/l m
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN080287.D
 Acq: 27 Nov 2023 19:57

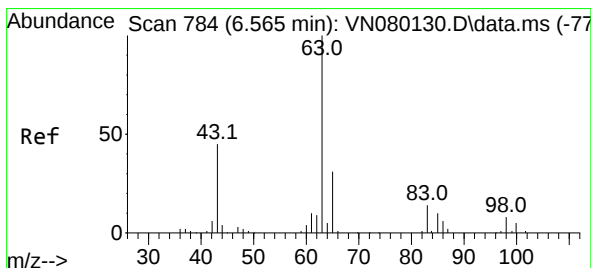
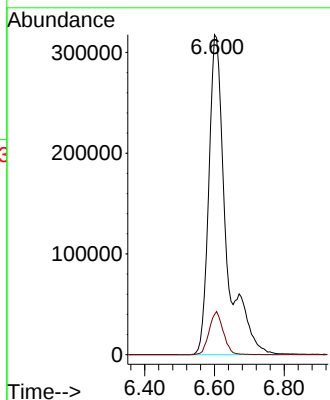
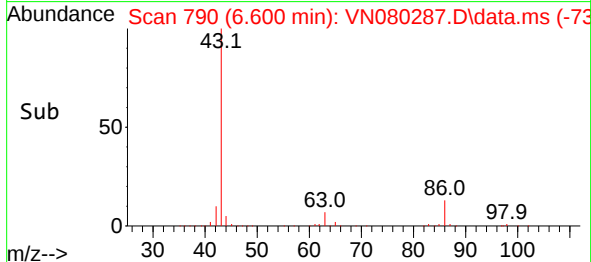
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



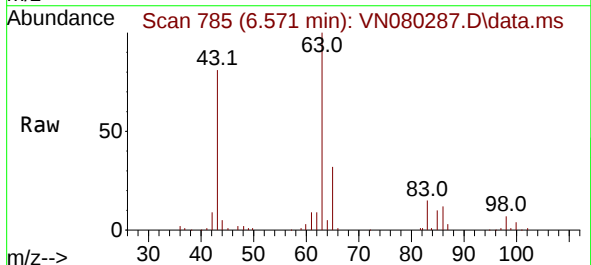
Tgt Ion: 43 Resp: 108915
 Ion Ratio Lower Upper
 43 100
 86 12.6 13.0 19.6

Manual Integrations
 APPROVED

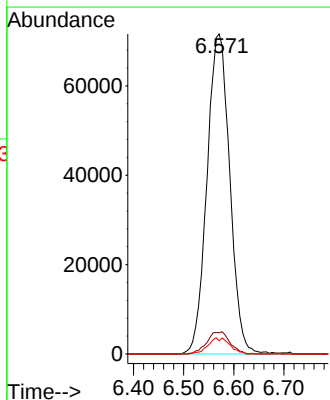
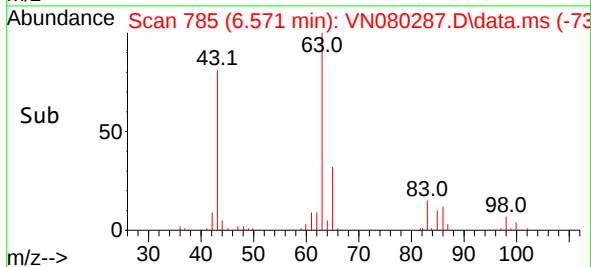
Reviewed By :John Carlone 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023

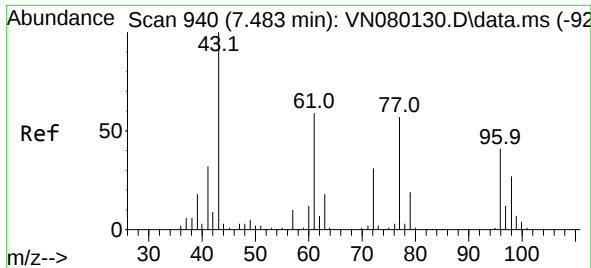


#24
 1,1-Dichloroethane
 Concen: 44.046 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080287.D
 Acq: 27 Nov 2023 19:57



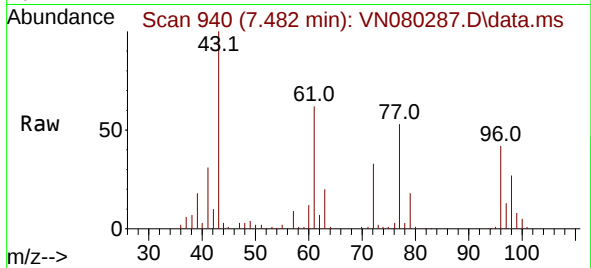
Tgt Ion: 63 Resp: 226402
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 4.1 2.5 7.4





#25
2-Butanone
Concen: 196.859 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

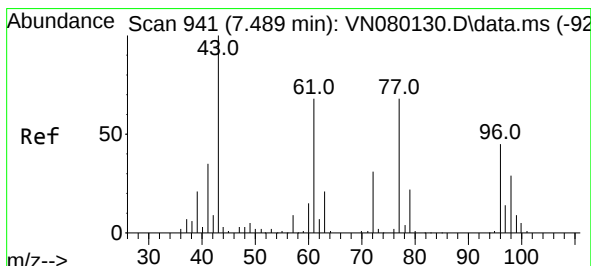
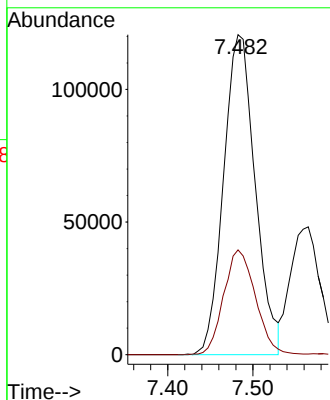
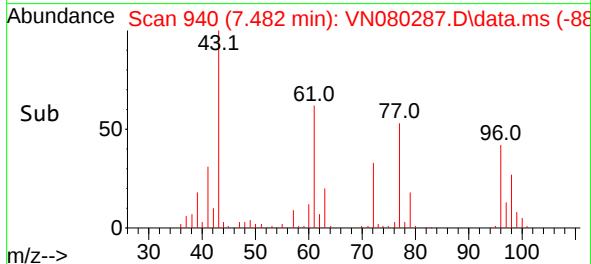
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



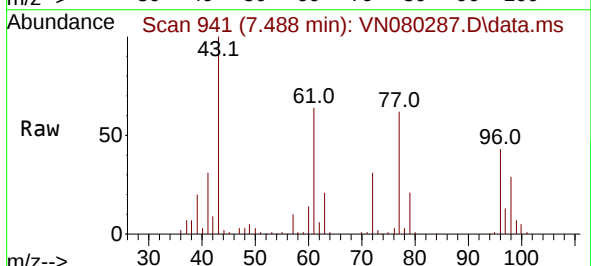
Tgt Ion: 43 Resp: 31115
Ion Ratio Lower Upper
43 100
72 32.7 30.2 45.2

Manual Integrations
APPROVED

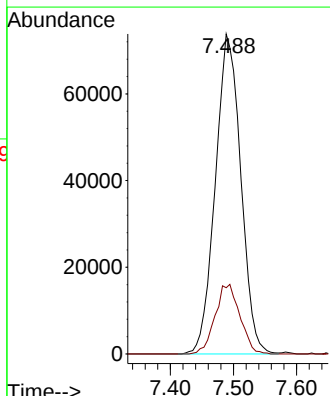
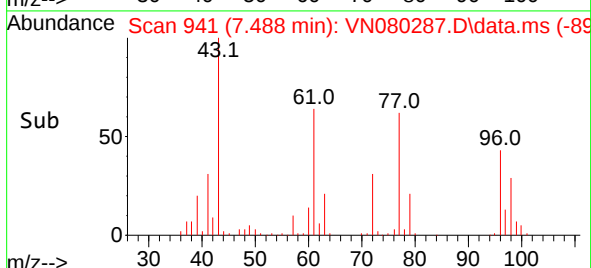
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

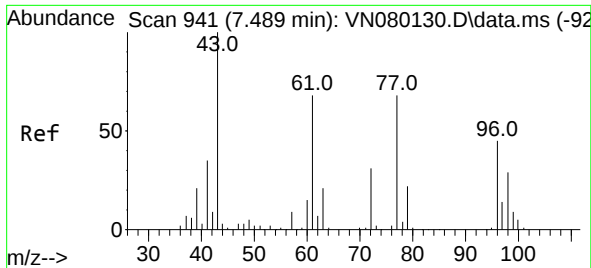


#26
2,2-Dichloropropane
Concen: 40.518 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57



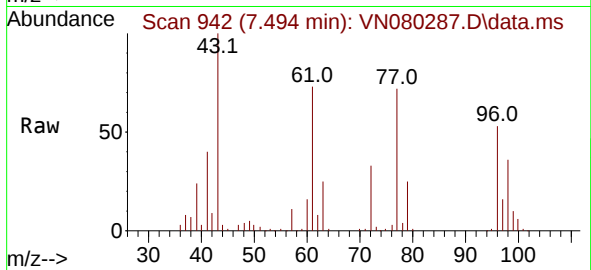
Tgt Ion: 77 Resp: 206630
Ion Ratio Lower Upper
77 100
97 21.2 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 44.426 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN080287.D
 Acq: 27 Nov 2023 19:57

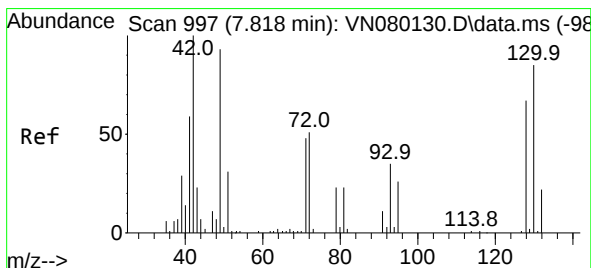
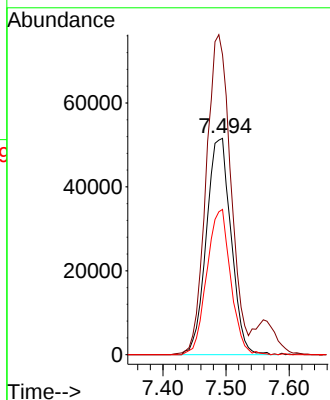
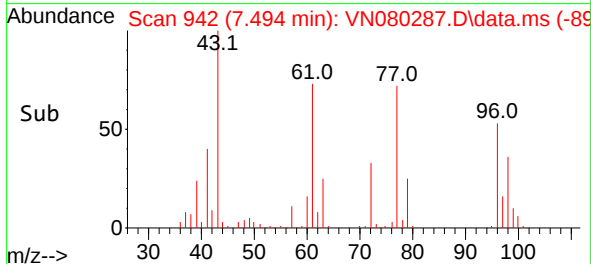
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 140292
 Ion Ratio Lower Upper
 96 100
 61 147.1 0.0 255.2
 98 64.7 0.0 128.8

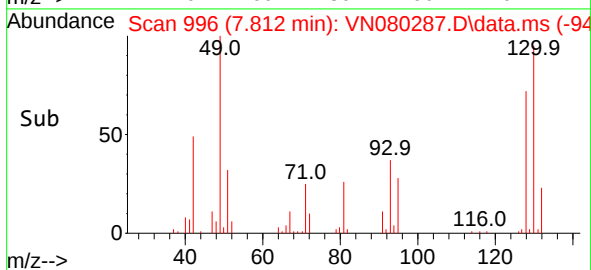
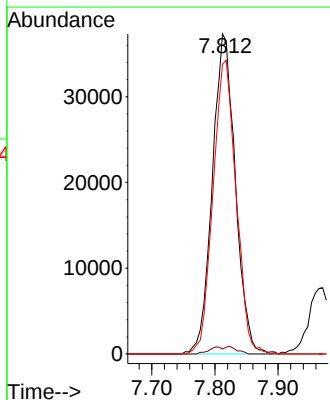
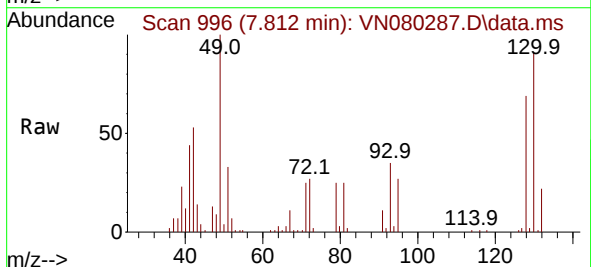
Manual Integrations
 APPROVED

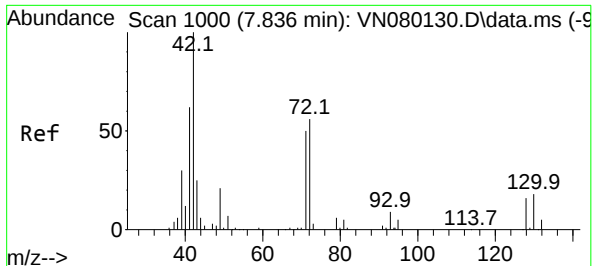
Reviewed By :John Carlone 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023



#28
 Bromochloromethane
 Concen: 46.722 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080287.D
 Acq: 27 Nov 2023 19:57

Tgt Ion: 49 Resp: 94415
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.8
 130 92.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 231.340 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN080287.D

Acq: 27 Nov 2023 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 19631

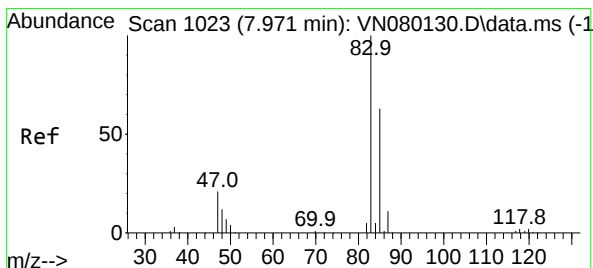
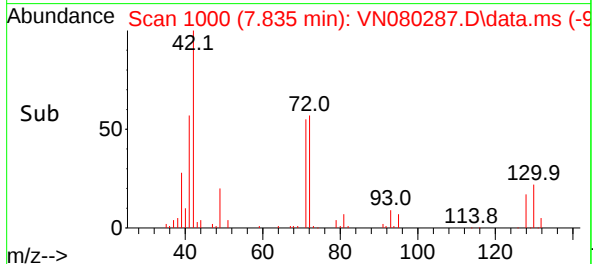
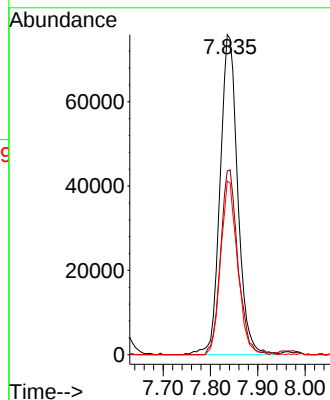
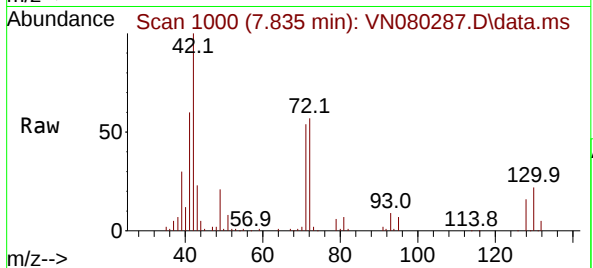
Ion	Ratio	Lower	Upper
42	100		
72	56.9	49.8	74.6
71	52.1	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#30

Chloroform

Concen: 45.169 ug/l

RT: 7.965 min Scan# 1022

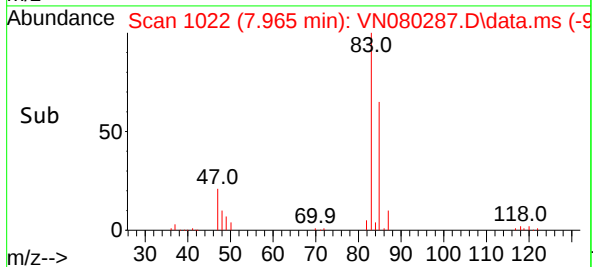
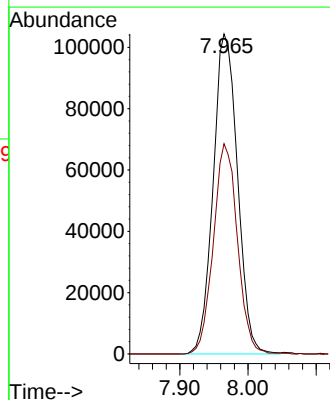
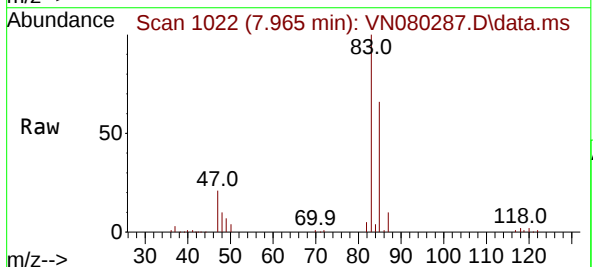
Delta R.T. -0.006 min

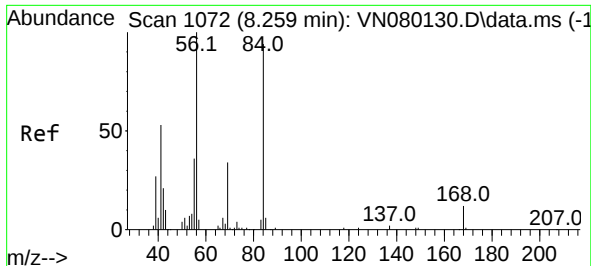
Lab File: VN080287.D

Acq: 27 Nov 2023 19:57

Tgt Ion: 83 Resp: 259505

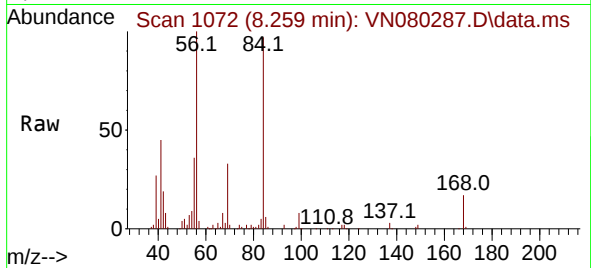
Ion	Ratio	Lower	Upper
83	100		
85	65.7	55.4	83.0





#31
Cyclohexane
Concen: 38.309 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

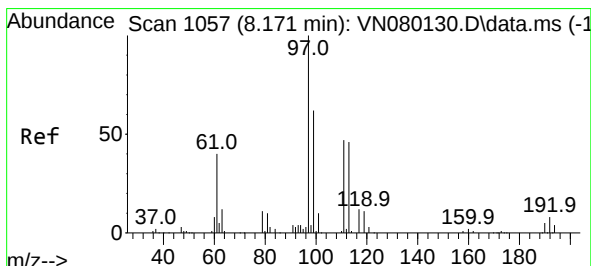
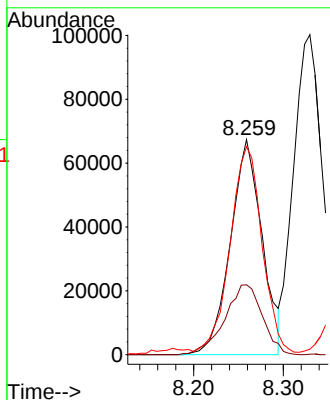
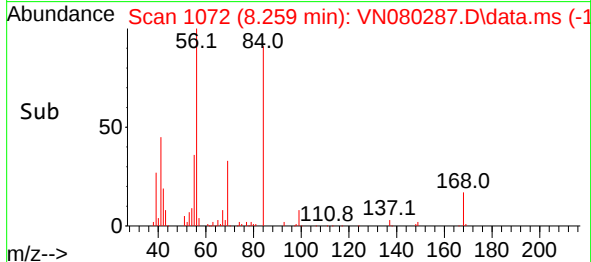
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



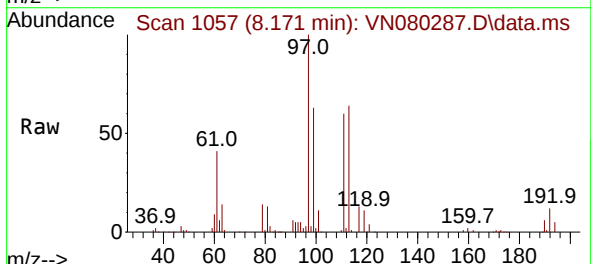
Tgt Ion: 56 Resp: 16501
Ion Ratio Lower Upper
56 100
69 32.5 26.8 40.2
84 94.4 81.8 122.6

Manual Integrations
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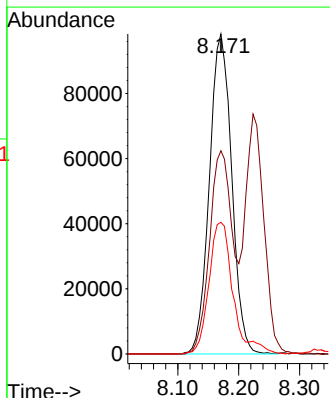
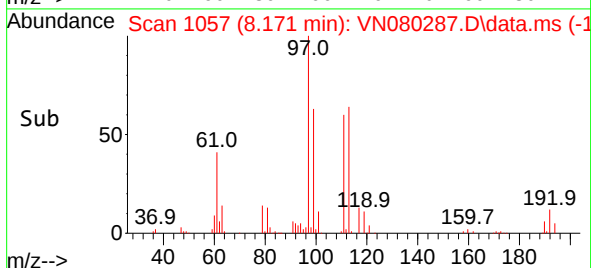
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

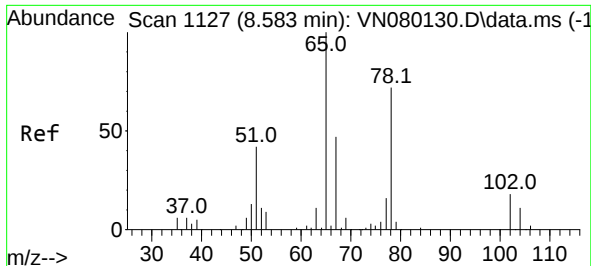


#32
1,1,1-Trichloroethane
Concen: 44.631 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57



Tgt Ion: 97 Resp: 250058
Ion Ratio Lower Upper
97 100
99 65.8 50.3 75.5
61 44.4 34.7 52.1





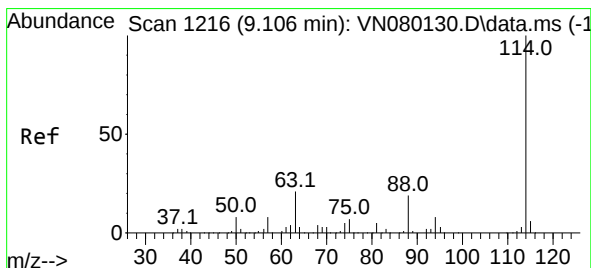
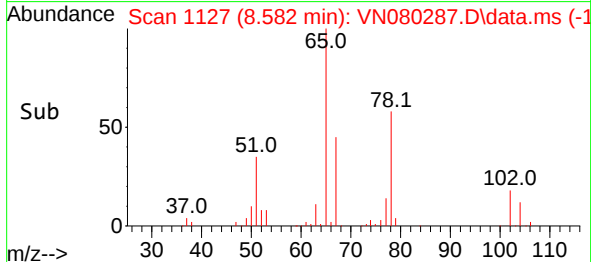
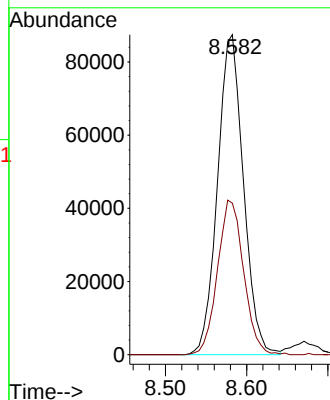
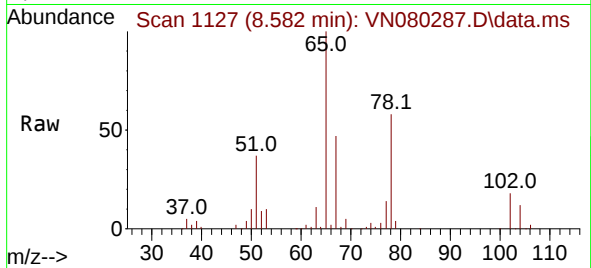
#33
1,2-Dichloroethane-d4
Concen: 49.045 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 194250
Ion Ratio Lower Upper
65 100
67 48.7 0.0 106.6

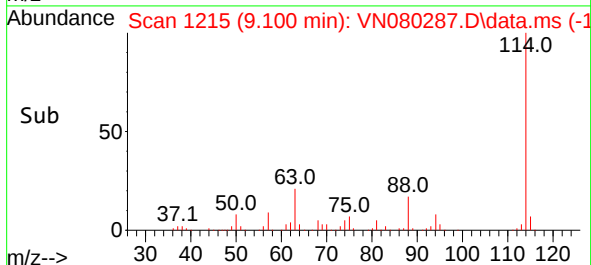
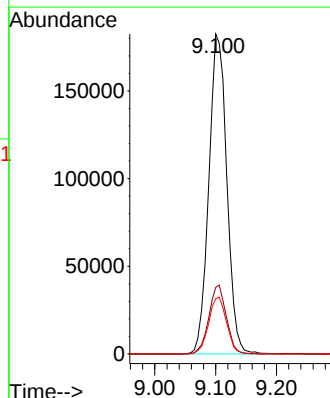
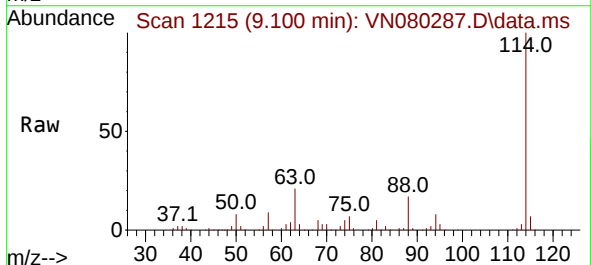
Manual Integrations
APPROVED

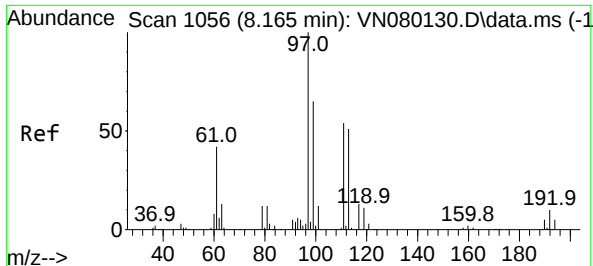
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

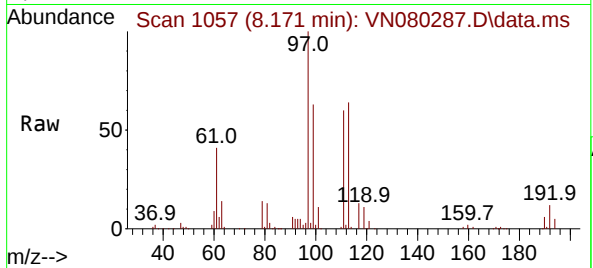
Tgt Ion:114 Resp: 374526
Ion Ratio Lower Upper
114 100
63 20.8 0.0 36.4
88 17.2 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.749 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

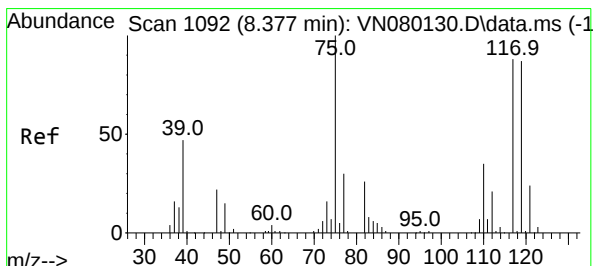
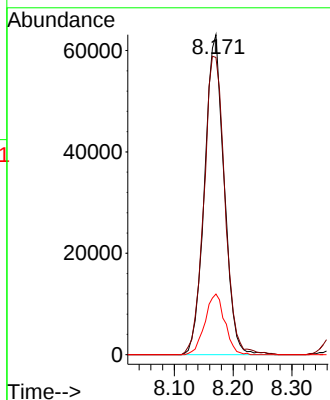
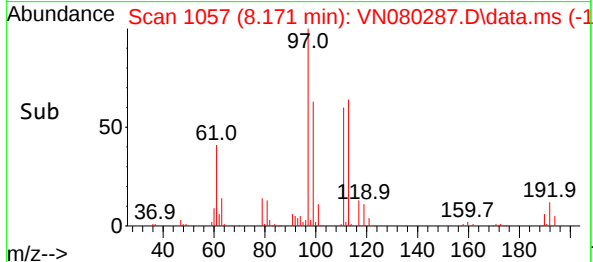
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



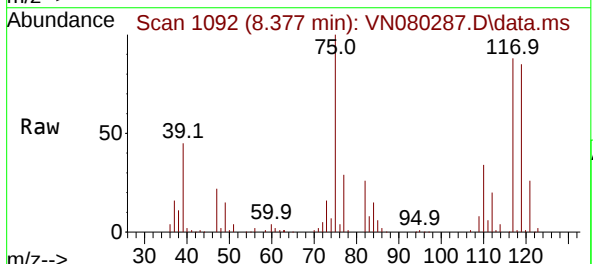
Tgt Ion:113 Resp: 145772
Ion Ratio Lower Upper
113 100
111 99.8 82.6 123.8
192 19.3 12.7 19.1

Manual Integrations
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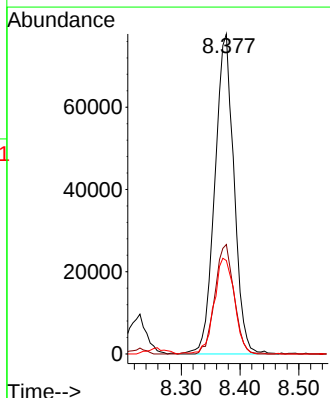
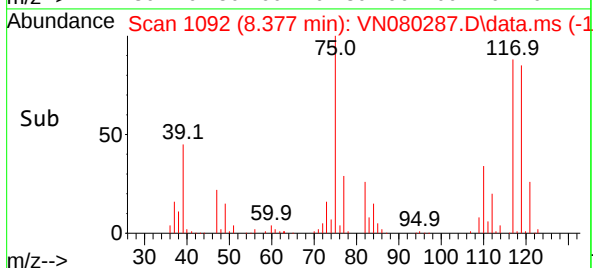
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

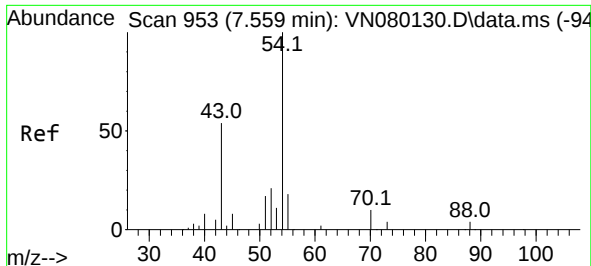


#36
1,1-Dichloropropene
Concen: 43.880 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57



Tgt Ion: 75 Resp: 175566
Ion Ratio Lower Upper
75 100
110 34.2 19.1 57.3
77 31.9 25.0 37.4





#37

Ethyl Acetate

Concen: 43.953 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080287.D

Acq: 27 Nov 2023 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 121980

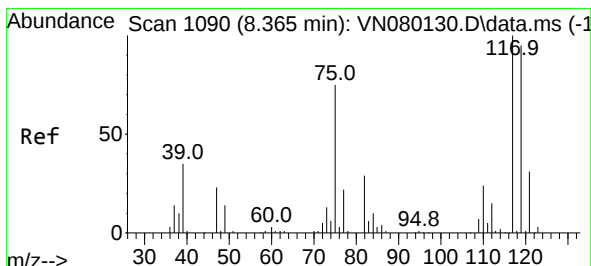
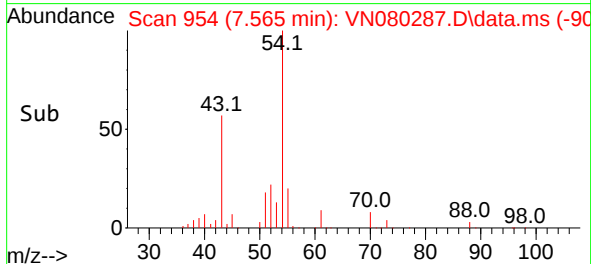
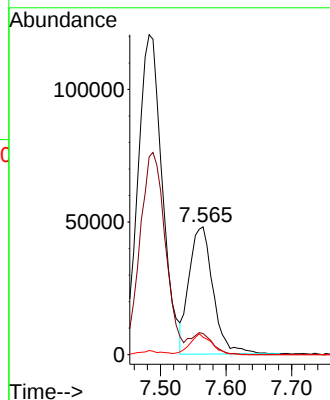
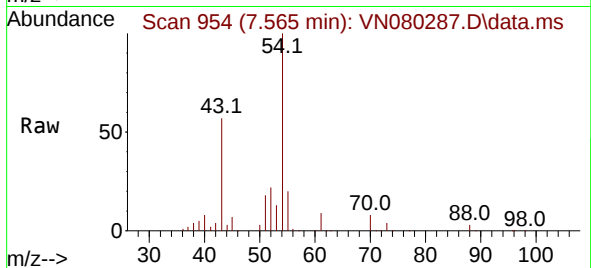
Ion	Ratio	Lower	Upper
43	100		
61	13.0	13.2	19.8
70	14.8	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#38

Carbon Tetrachloride

Concen: 44.407 ug/l

RT: 8.359 min Scan# 1089

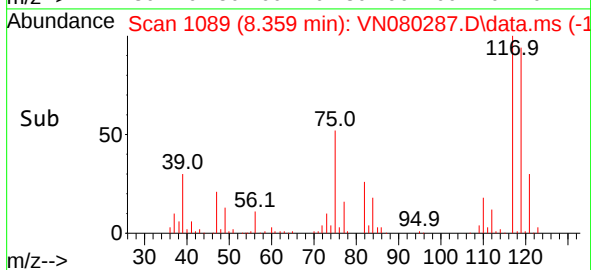
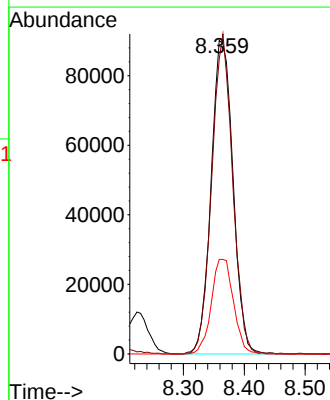
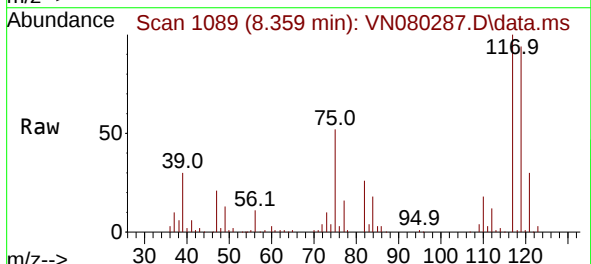
Delta R.T. -0.006 min

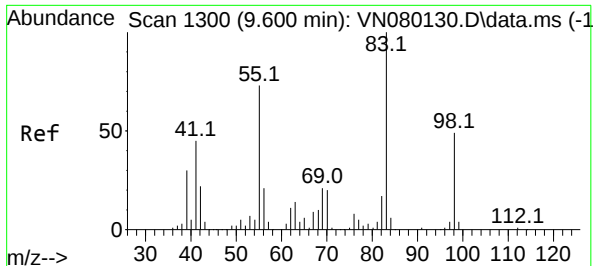
Lab File: VN080287.D

Acq: 27 Nov 2023 19:57

Tgt Ion:117 Resp: 225469

Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.3	115.9
121	30.2	23.3	34.9





#39

Methylcyclohexane

Concen: 41.795 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080287.D

Acq: 27 Nov 2023 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

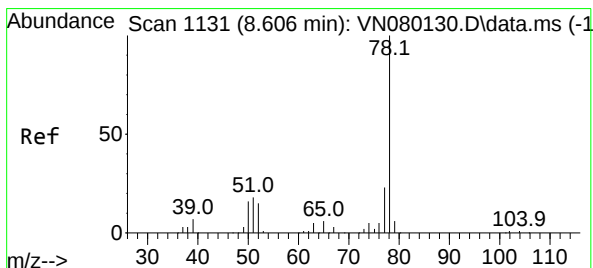
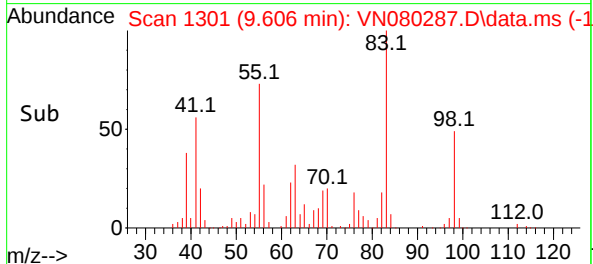
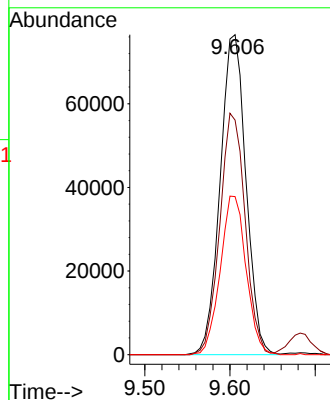
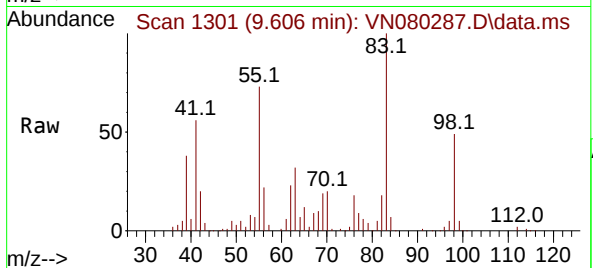
Tgt Ion: 83 Resp: 161230
 Ion Ratio Lower Upper
 83 100
 55 73.3 49.1 73.7
 98 49.4 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#40

Benzene

Concen: 44.579 ug/l

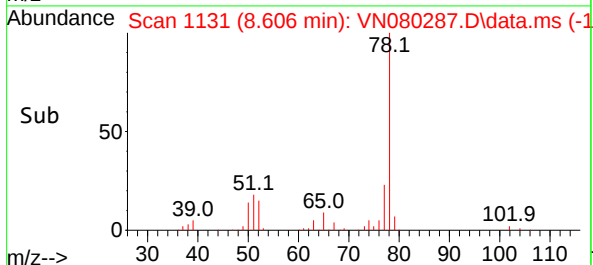
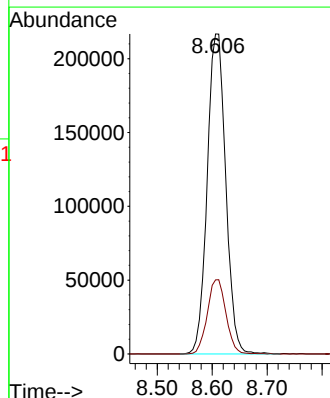
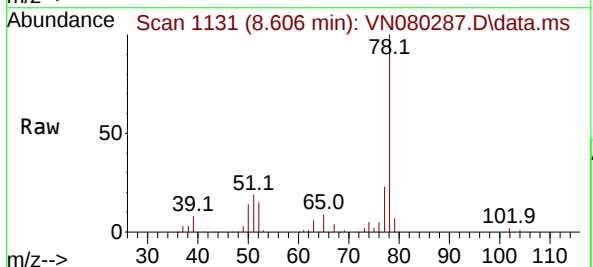
RT: 8.606 min Scan# 1131

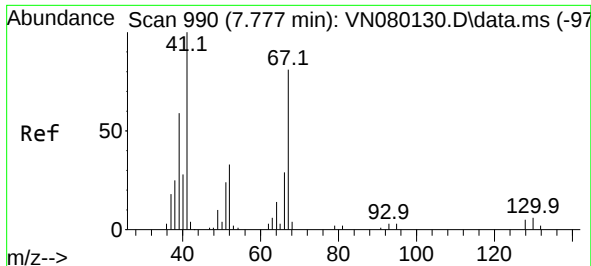
Delta R.T. -0.000 min

Lab File: VN080287.D

Acq: 27 Nov 2023 19:57

Tgt Ion: 78 Resp: 506924
 Ion Ratio Lower Upper
 78 100
 77 23.2 19.0 28.6





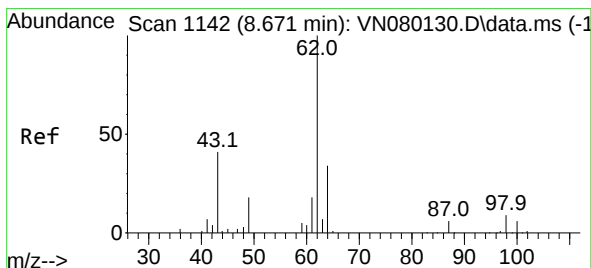
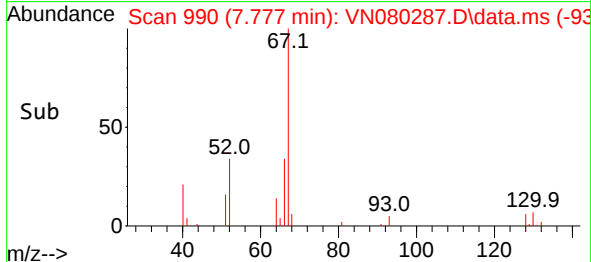
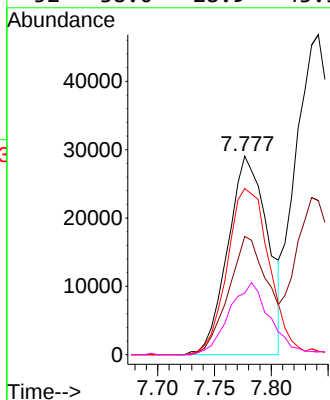
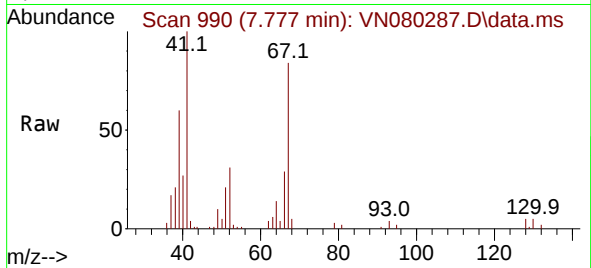
#41
Methacrylonitrile
Concen: 46.501 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 7087
Ion Ratio Lower Upper
41 100
39 58.3 42.6 64.0
67 88.8 77.5 116.3
52 38.0 28.9 43.3

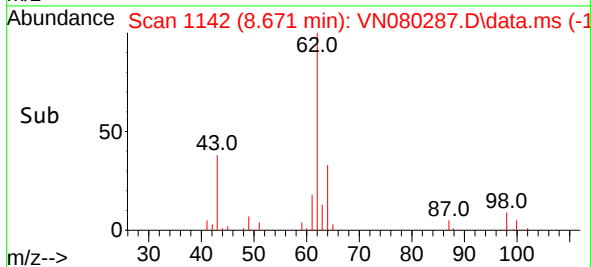
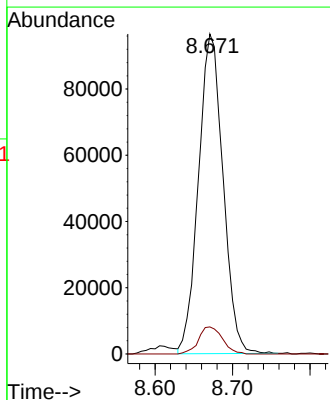
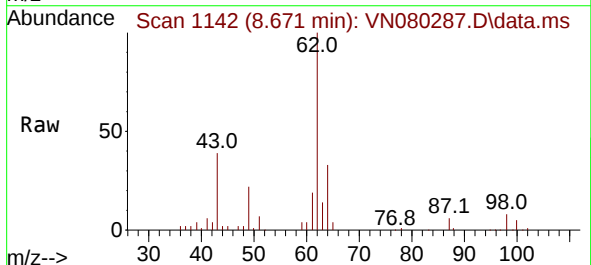
Manual Integrations
APPROVED

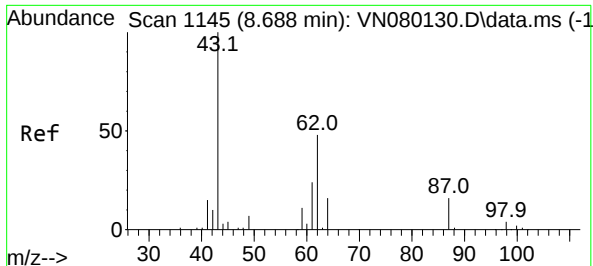
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#42
1,2-Dichloroethane
Concen: 45.658 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

Tgt Ion: 62 Resp: 212413
Ion Ratio Lower Upper
62 100
98 8.2 0.0 19.8





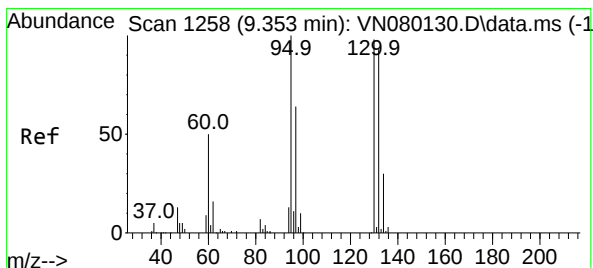
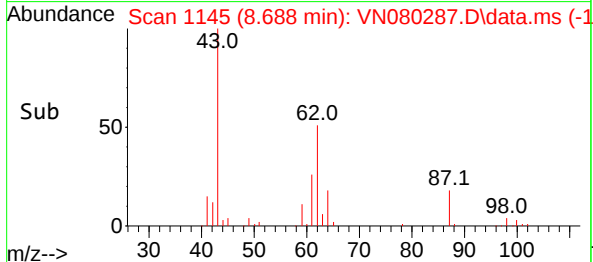
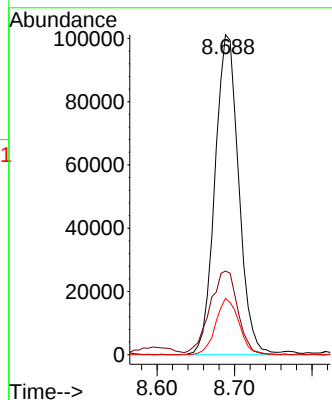
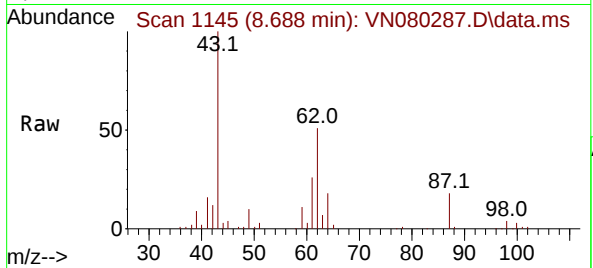
#43
Isopropyl Acetate
Concen: 39.940 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 21570
Ion Ratio Lower Upper
43 100
61 30.9 24.7 37.1
87 17.3 14.6 21.8

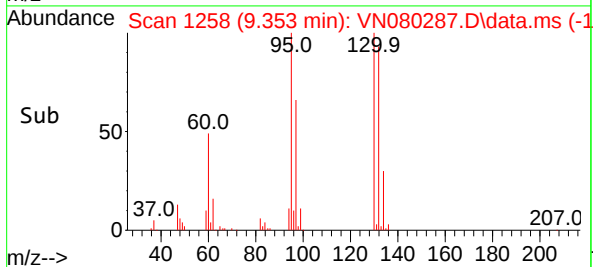
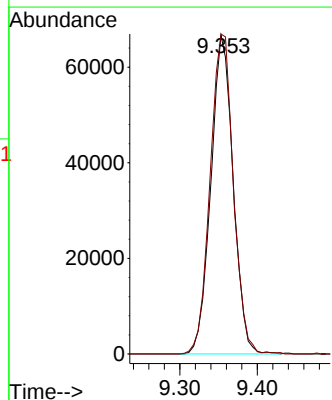
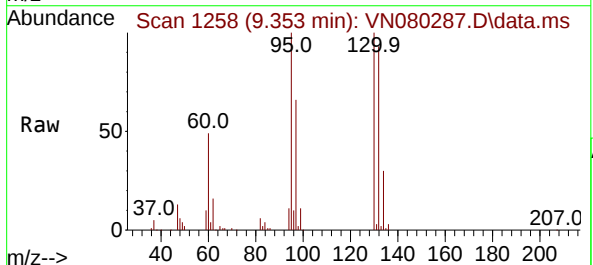
Manual Integrations
APPROVED

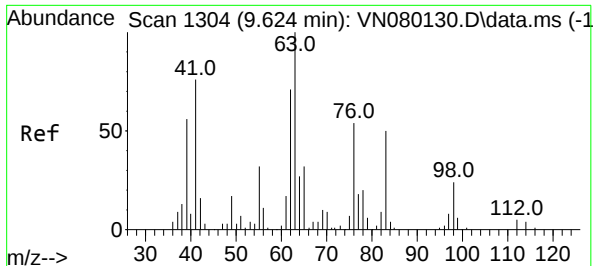
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#44
Trichloroethene
Concen: 44.619 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

Tgt Ion:130 Resp: 133092
Ion Ratio Lower Upper
130 100
95 100.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 45.966 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080287.D

Acq: 27 Nov 2023 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 121470

Ion Ratio Lower Upper

63 100

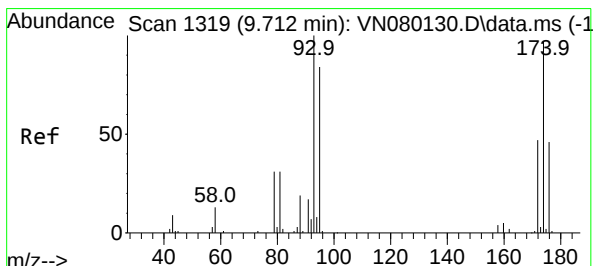
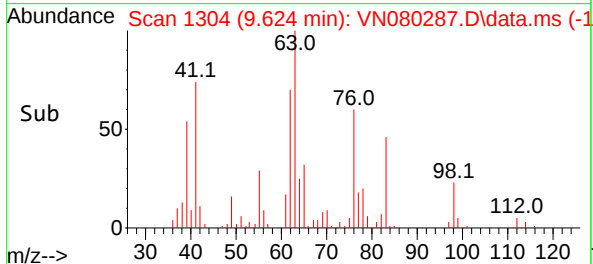
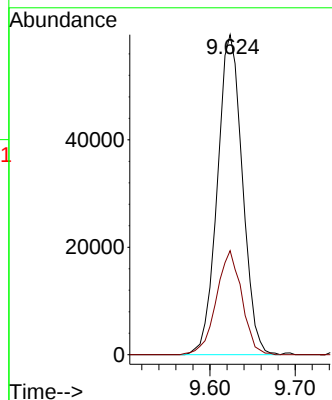
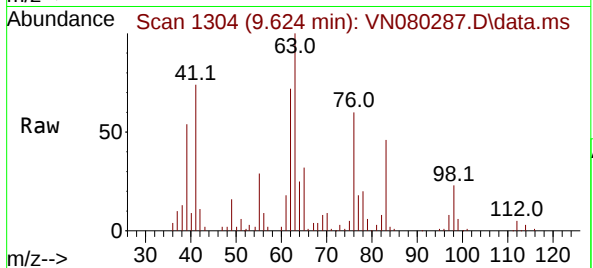
65 32.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#46

Dibromomethane

Concen: 45.950 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080287.D

Acq: 27 Nov 2023 19:57

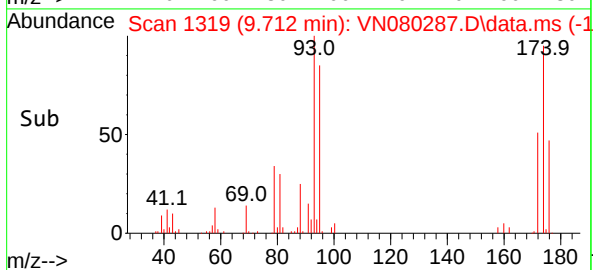
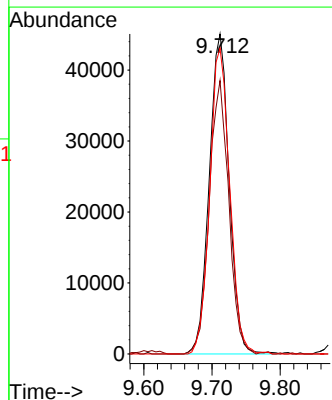
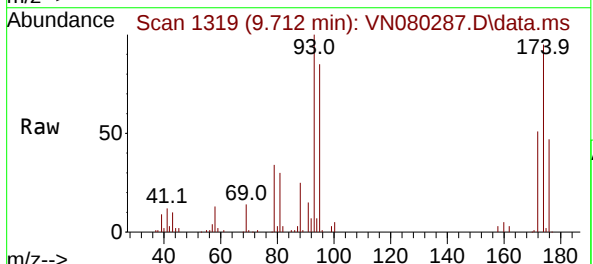
Tgt Ion: 93 Resp: 91917

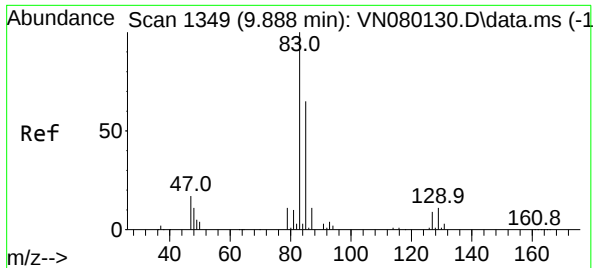
Ion Ratio Lower Upper

93 100

95 83.7 63.8 95.8

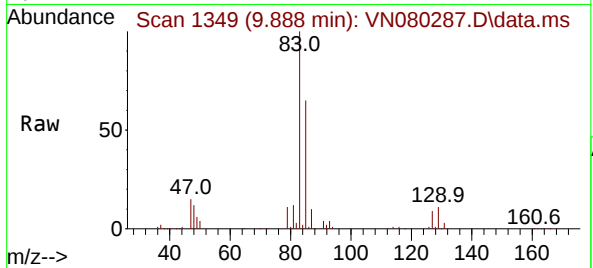
174 95.6 65.6 98.4





#47
Bromodichloromethane
Concen: 47.266 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

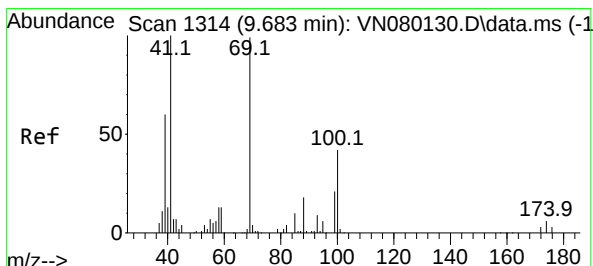
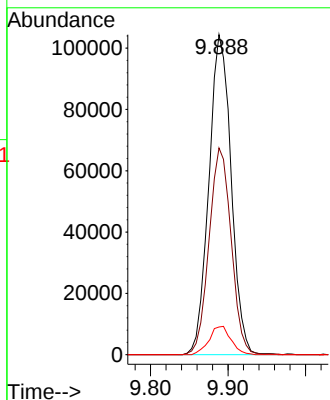
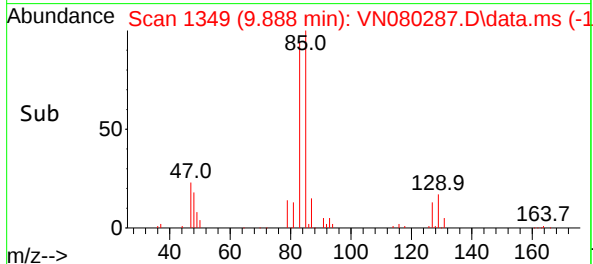
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 20798
Ion Ratio Lower Upper
83 100
85 64.6 49.6 74.4
127 8.6 7.0 10.6

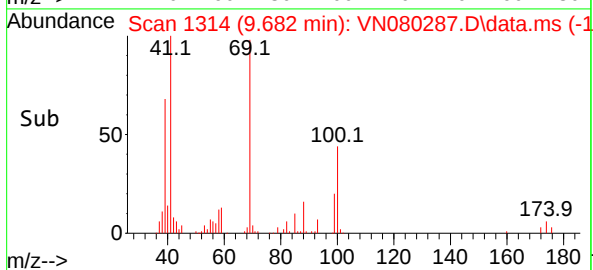
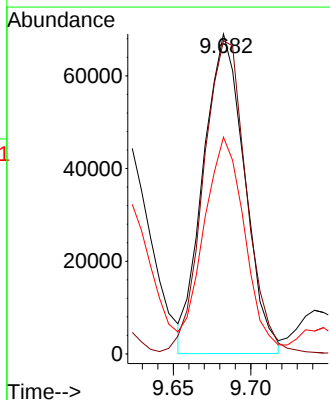
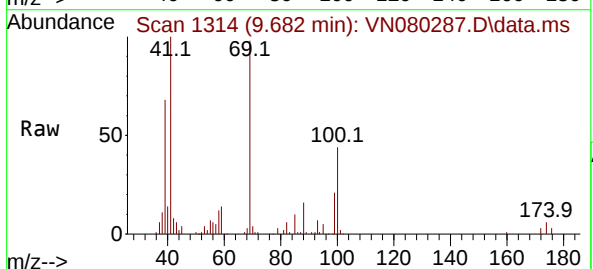
Manual Integrations
APPROVED

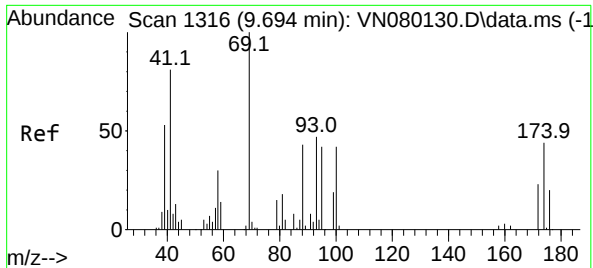
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#48
Methyl methacrylate
Concen: 45.909 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

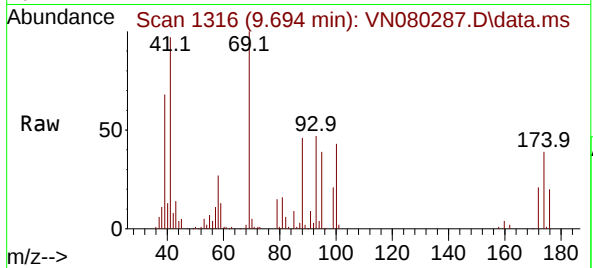
Tgt Ion: 41 Resp: 127770
Ion Ratio Lower Upper
41 100
69 101.4 90.4 135.6
39 67.9 54.6 81.8





#49
1,4-Dioxane
Concen: 909.753 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

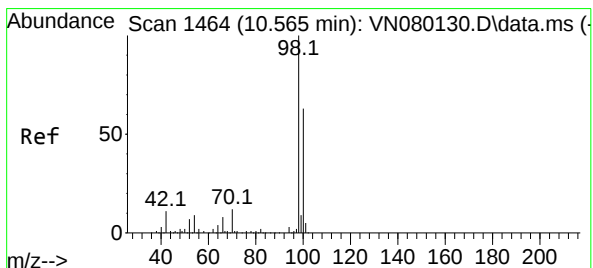
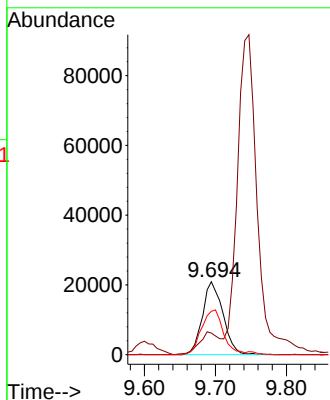
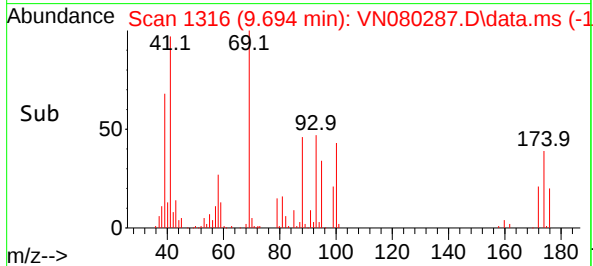
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



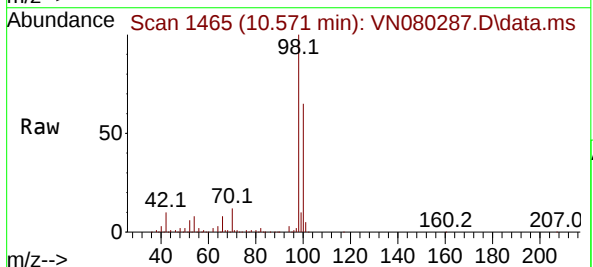
Tgt Ion: 88 Resp: 4212
Ion Ratio Lower Upper
88 100
43 32.6 17.0 25.6
58 64.7 47.0 70.4

Manual Integrations
APPROVED

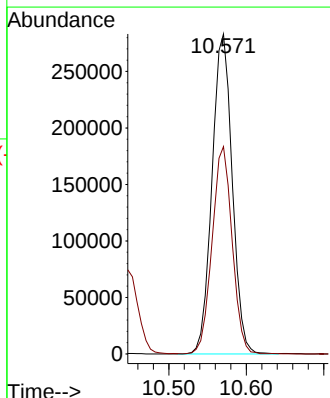
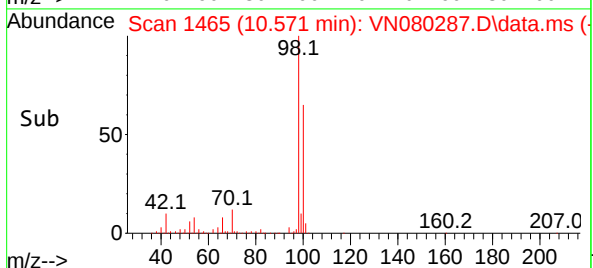
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

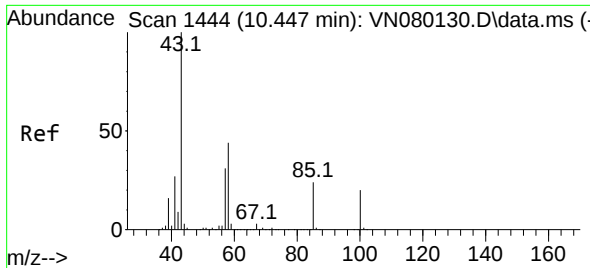


#50
Toluene-d8
Concen: 51.404 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57



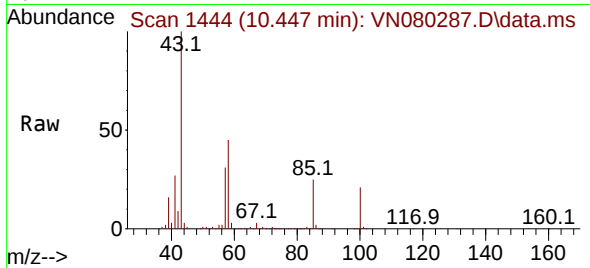
Tgt Ion: 98 Resp: 512083
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 230.208 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

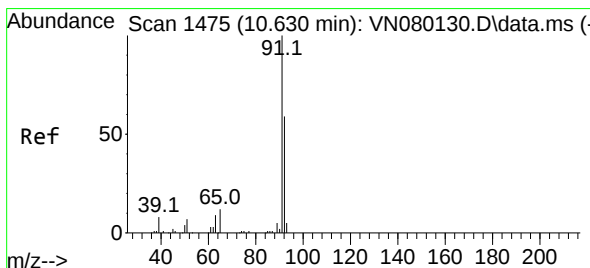
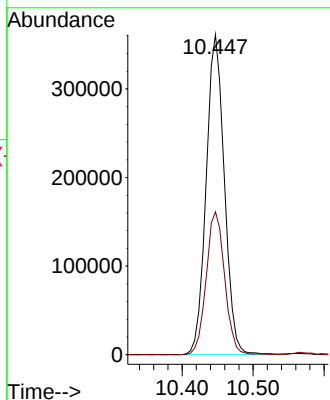
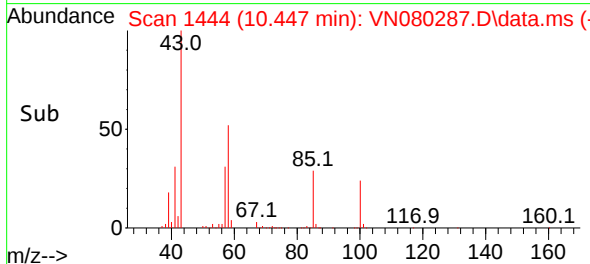
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 64366
Ion Ratio Lower Upper
43 100
58 45.3 36.6 54.8

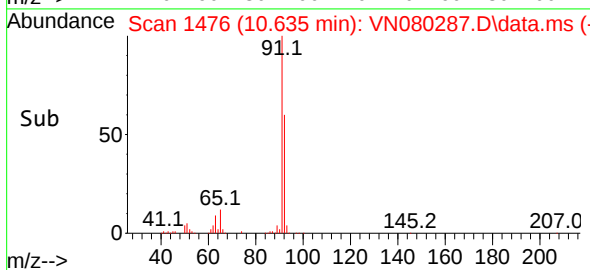
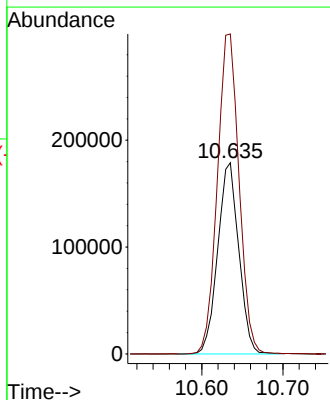
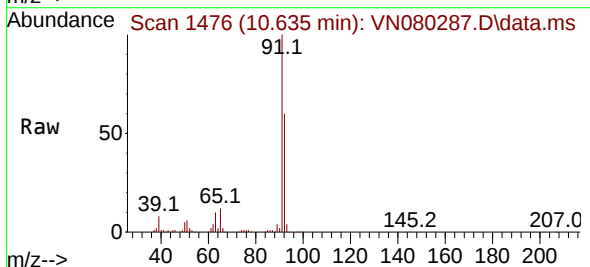
Manual Integrations
APPROVED

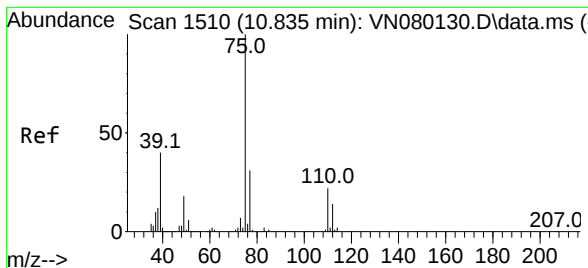
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#52
Toluene
Concen: 45.360 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

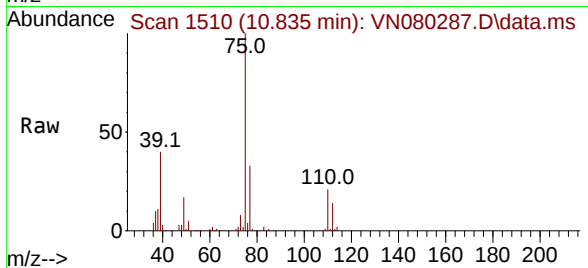
Tgt Ion: 92 Resp: 322802
Ion Ratio Lower Upper
92 100
91 172.4 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 45.144 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

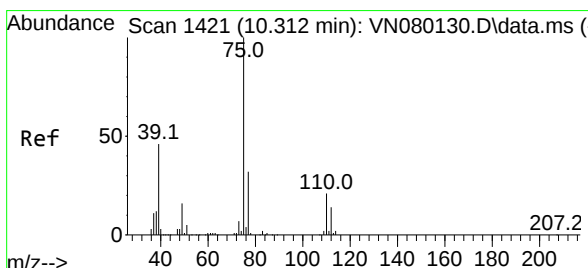
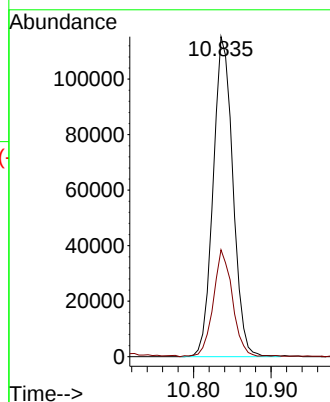
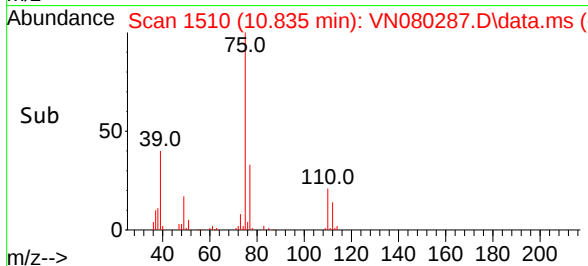
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



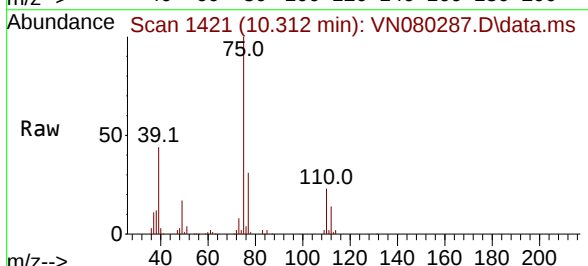
Tgt Ion: 75 Resp: 20409
Ion Ratio Lower Upper
75 100
77 33.4 25.4 38.0

Manual Integrations
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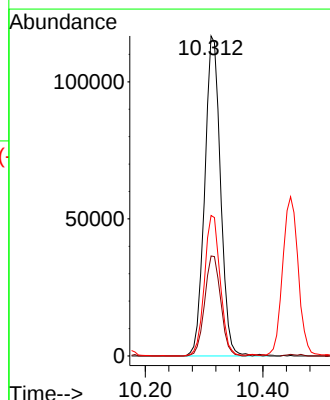
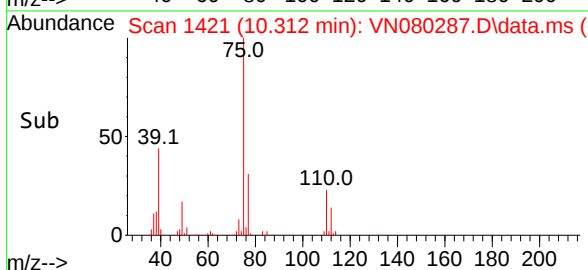
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

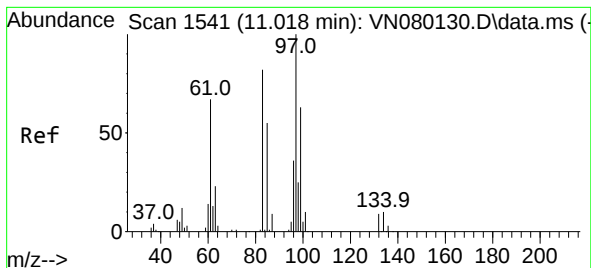


#54
cis-1,3-Dichloropropene
Concen: 47.445 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57



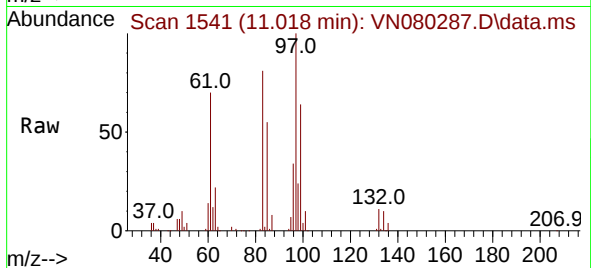
Tgt Ion: 75 Resp: 219138
Ion Ratio Lower Upper
75 100
77 31.3 26.1 39.1
39 43.9 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 46.797 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

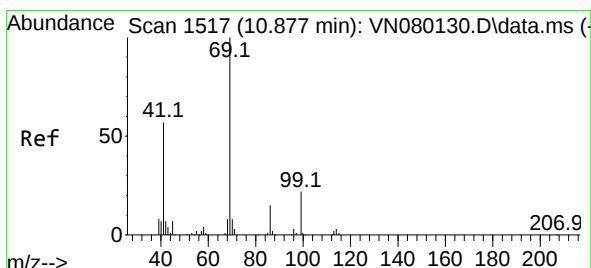
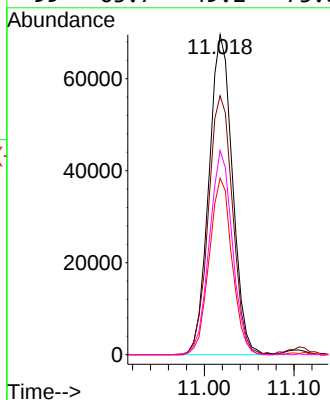
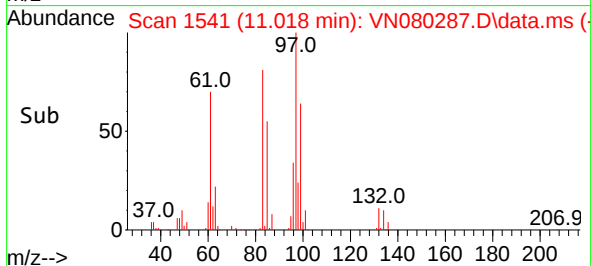
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



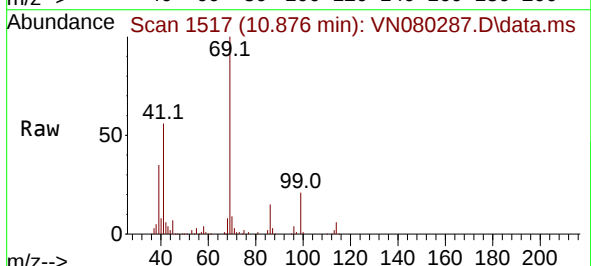
Tgt Ion:	97	Resp:	127108
Ion	Ratio	Lower	Upper
97	100		
83	80.9	65.1	97.7
85	55.1	43.4	65.2
99	63.7	49.2	73.8

Manual Integrations
APPROVED

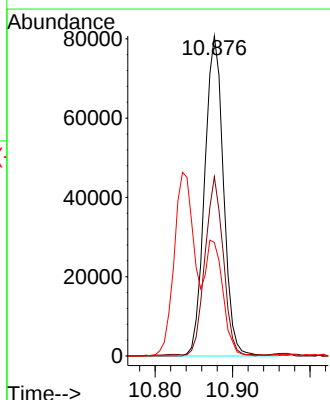
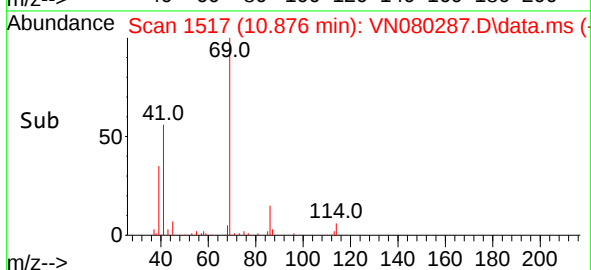
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

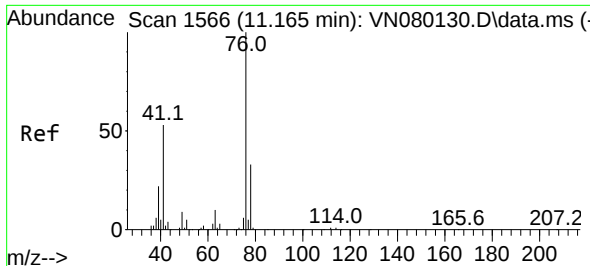


#56
Ethyl methacrylate
Concen: 49.045 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57



Tgt Ion:	69	Resp:	136087
Ion	Ratio	Lower	Upper
69	100		
41	53.9	39.6	59.4
39	33.8	28.6	43.0





#57

1,3-Dichloropropane

Concen: 46.072 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN080287.D

Acq: 27 Nov 2023 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 218480

Ion Ratio Lower Upper

76 100

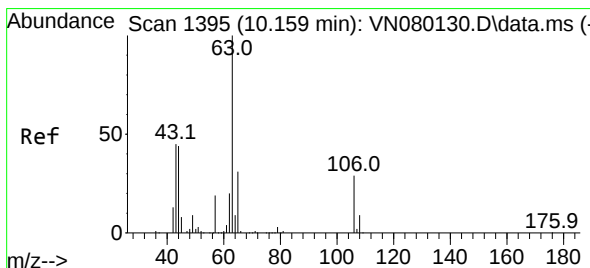
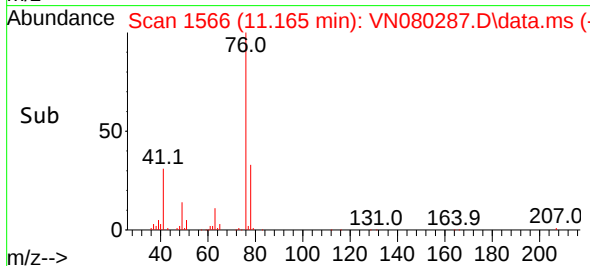
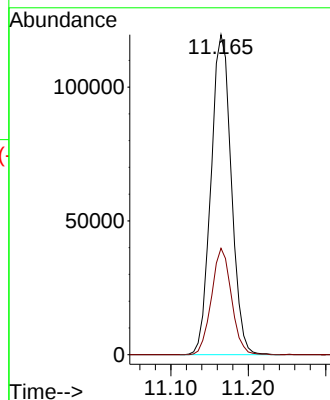
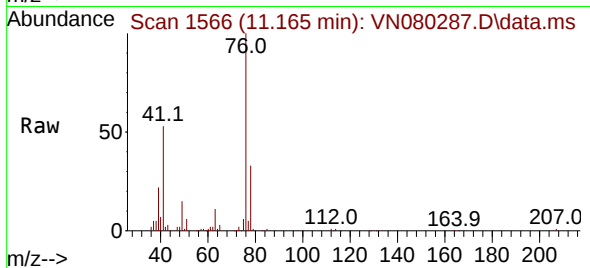
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#58

2-Chloroethyl Vinyl ether

Concen: 246.081 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN080287.D

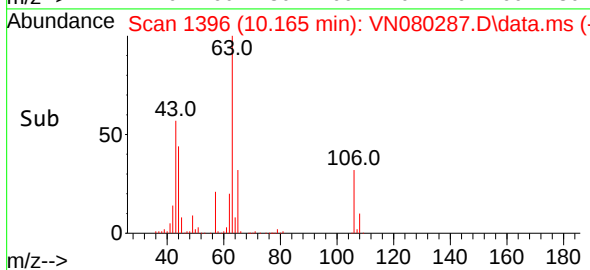
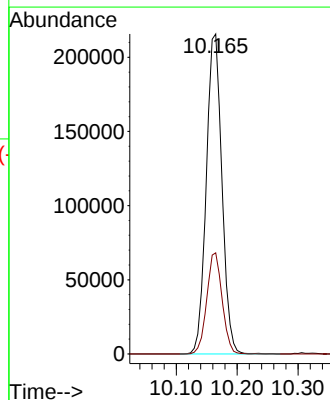
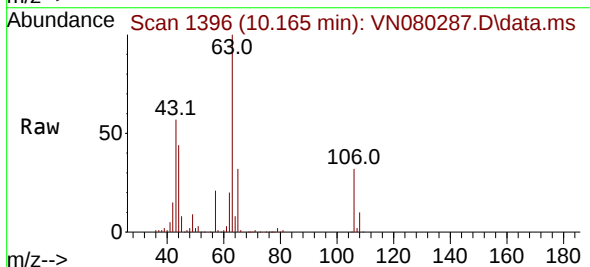
Acq: 27 Nov 2023 19:57

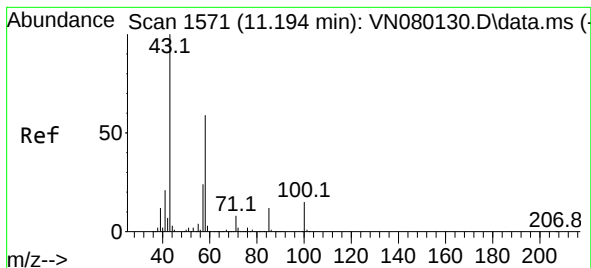
Tgt Ion: 63 Resp: 384679

Ion Ratio Lower Upper

63 100

106 31.0 26.2 39.4





#59

2-Hexanone

Concen: 213.023 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.006 min

Lab File: VN080287.D

Acq: 27 Nov 2023 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 478608

Ion Ratio Lower Upper

43 100

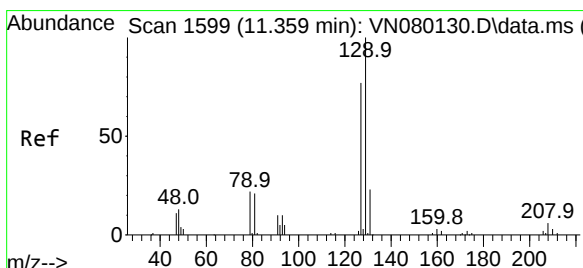
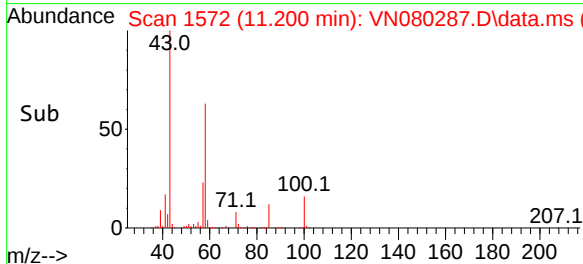
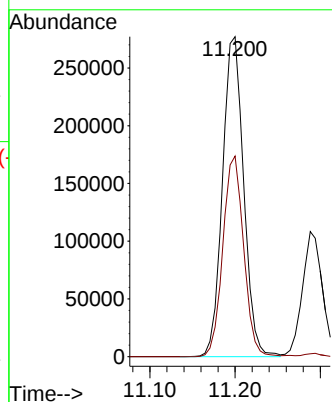
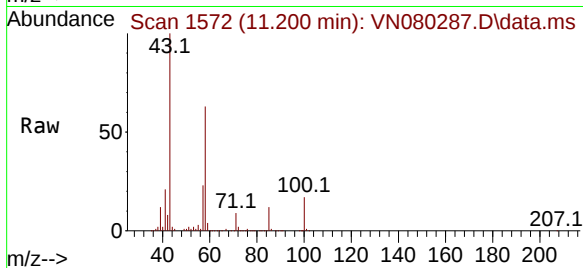
58 61.4 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#60

Dibromochloromethane

Concen: 48.058 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN080287.D

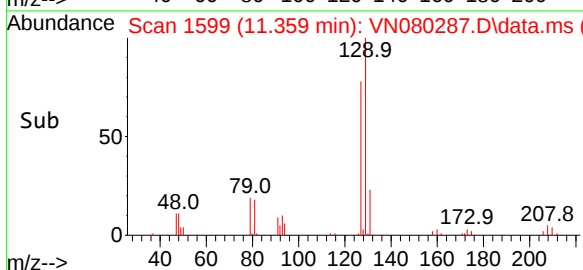
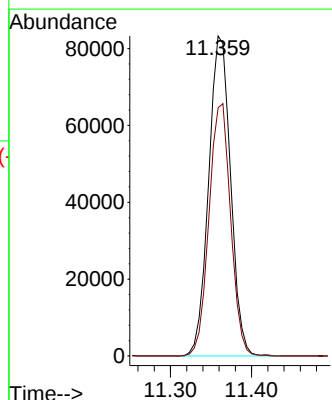
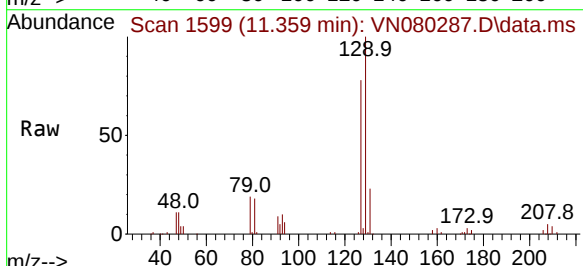
Acq: 27 Nov 2023 19:57

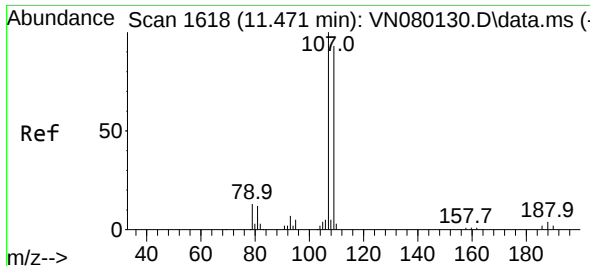
Tgt Ion:129 Resp: 156275

Ion Ratio Lower Upper

129 100

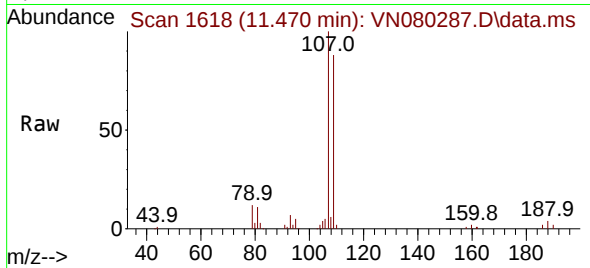
127 77.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 45.849 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

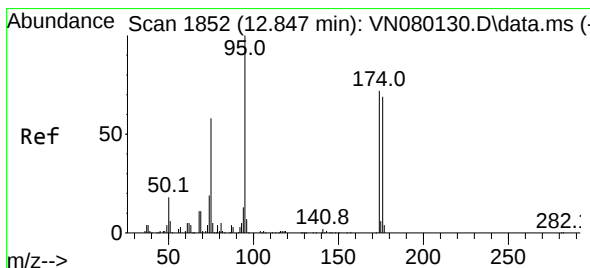
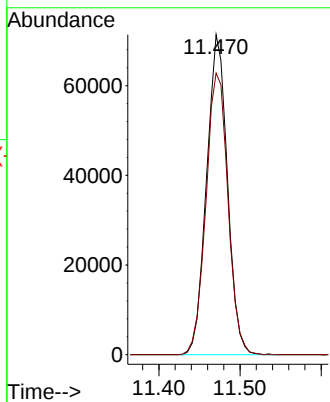
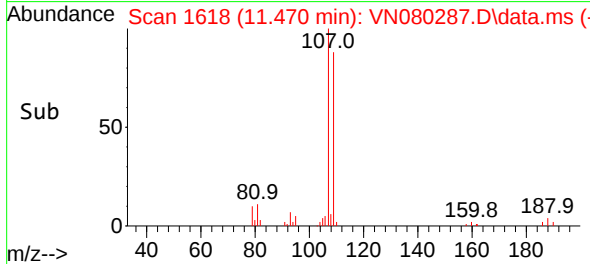
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



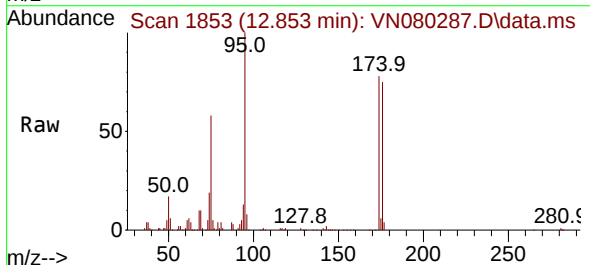
Tgt Ion:107 Resp: 127040
Ion Ratio Lower Upper
107 100
109 93.3 76.6 114.8

Manual Integrations
APPROVED

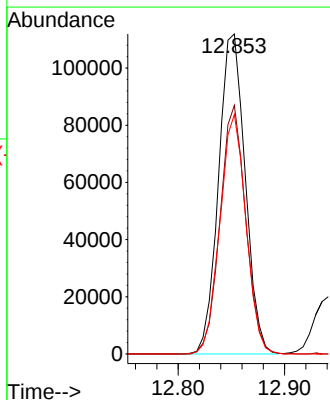
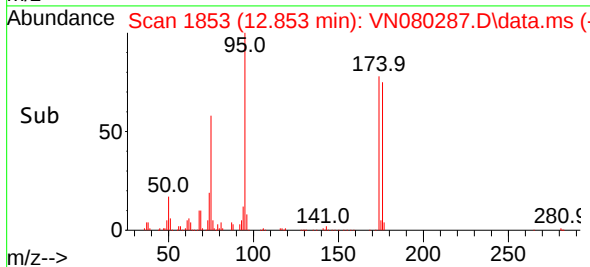
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

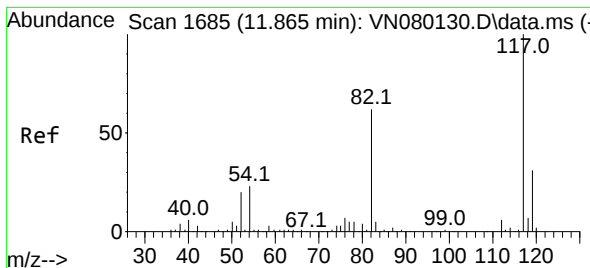


#62
4-Bromofluorobenzene
Concen: 51.578 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57



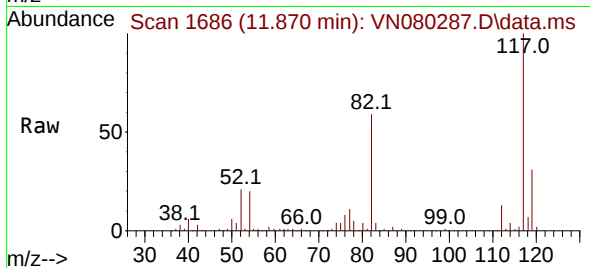
Tgt Ion: 95 Resp: 194077
Ion Ratio Lower Upper
95 100
174 74.7 0.0 143.8
176 72.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

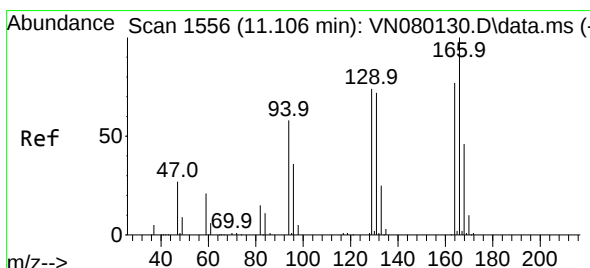
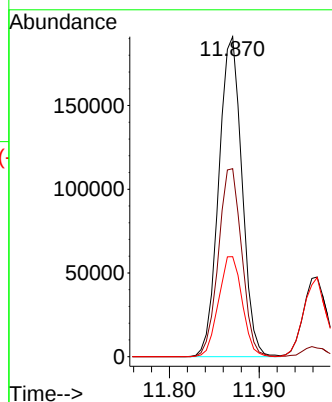
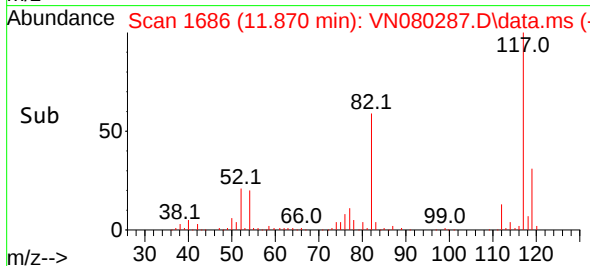
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 34270
Ion Ratio Lower Upper
117 100
82 58.8 44.0 66.0
119 31.2 25.6 38.4

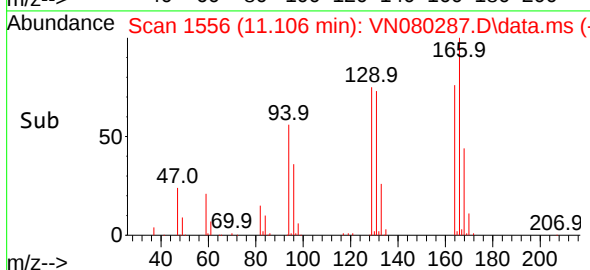
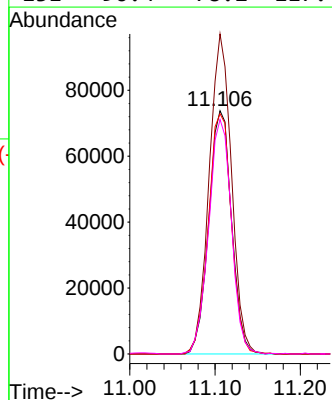
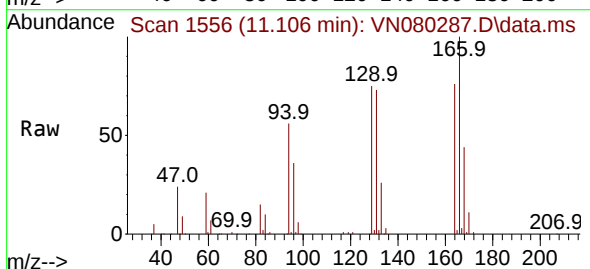
Manual Integrations
APPROVED

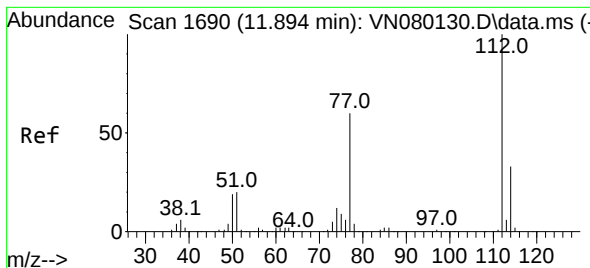
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#64
Tetrachloroethene
Concen: 52.400 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

Tgt Ion:164 Resp: 137045
Ion Ratio Lower Upper
164 100
166 131.6 101.4 152.0
129 98.8 82.4 123.6
131 96.4 78.2 117.4





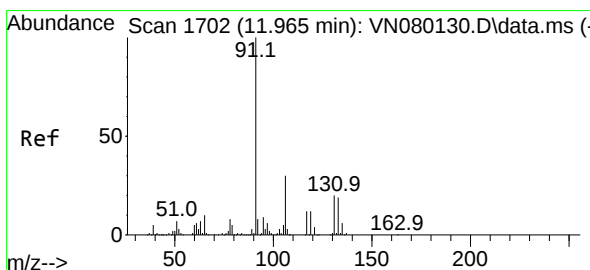
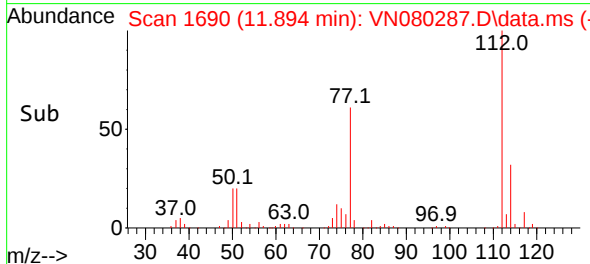
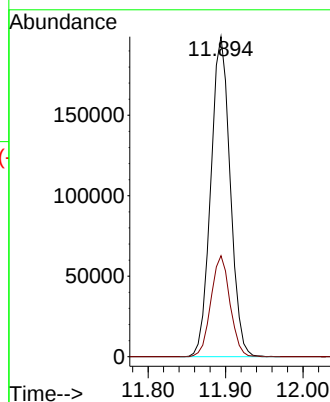
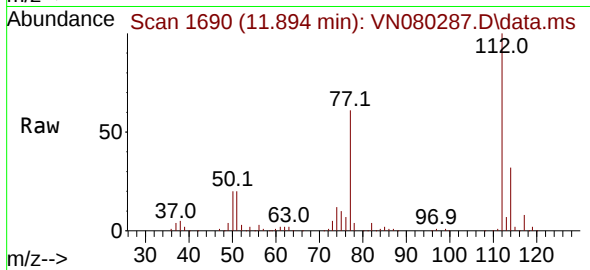
#65
Chlorobenzene
Concen: 44.451 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 34517
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.4

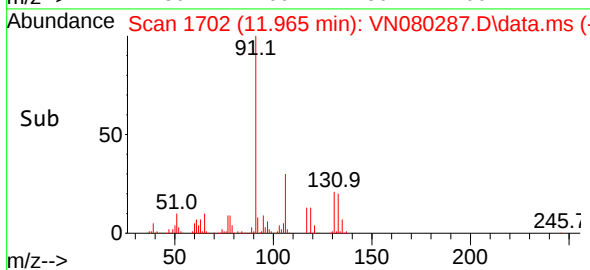
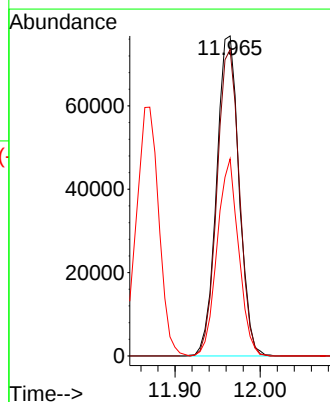
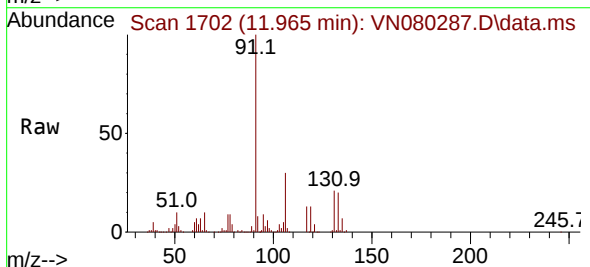
Manual Integrations
APPROVED

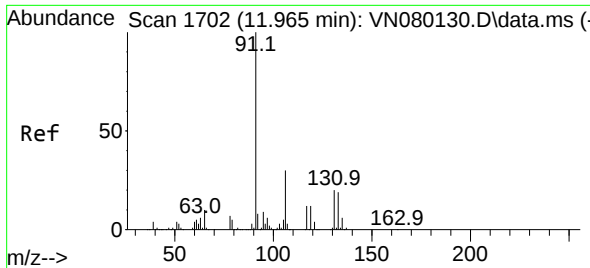
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 46.806 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

Tgt Ion:131 Resp: 141048
Ion Ratio Lower Upper
131 100
133 94.9 46.4 139.1
119 59.0 34.1 102.2





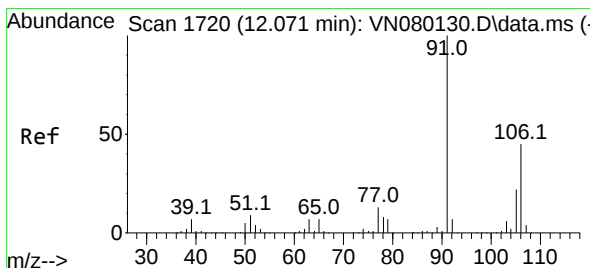
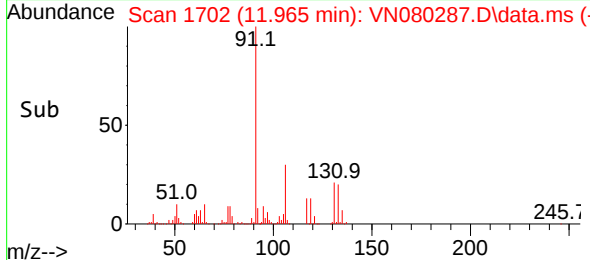
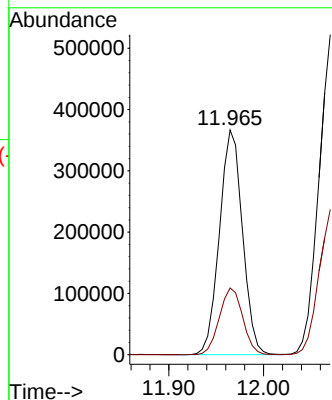
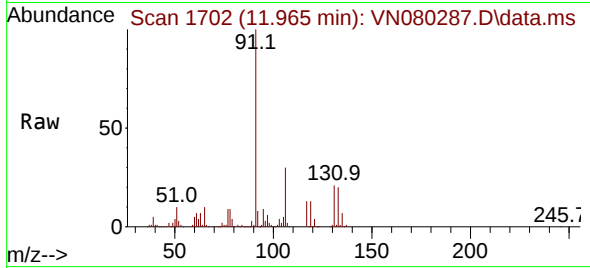
#67
Ethyl Benzene
Concen: 44.862 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 619899
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4

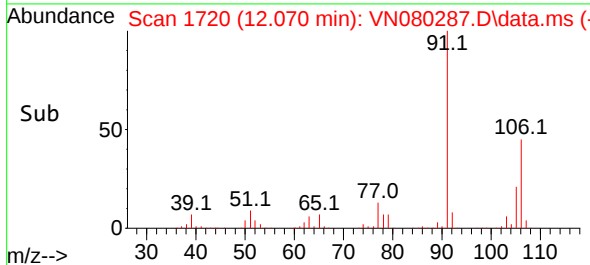
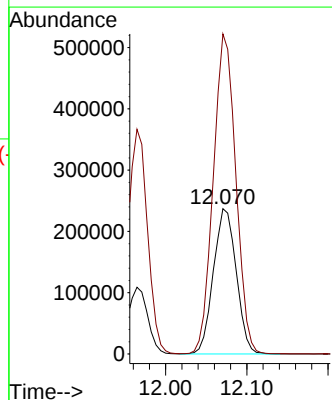
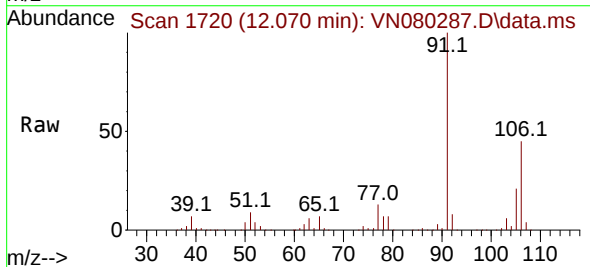
Manual Integrations
APPROVED

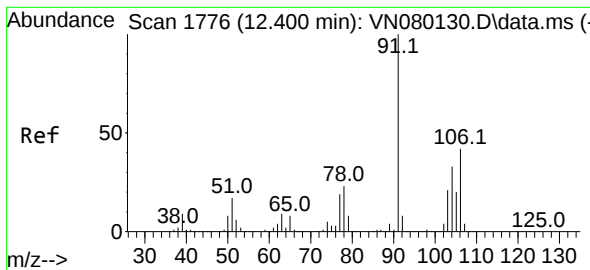
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#68
m/p-Xylenes
Concen: 92.019 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

Tgt Ion:106 Resp: 463605
Ion Ratio Lower Upper
106 100
91 217.7 159.6 239.4





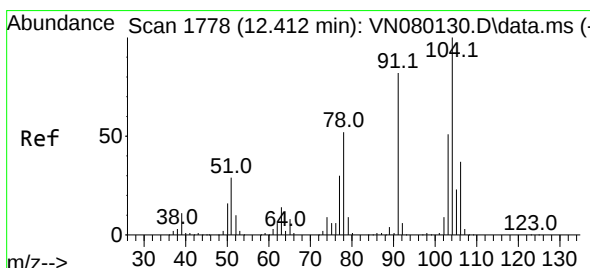
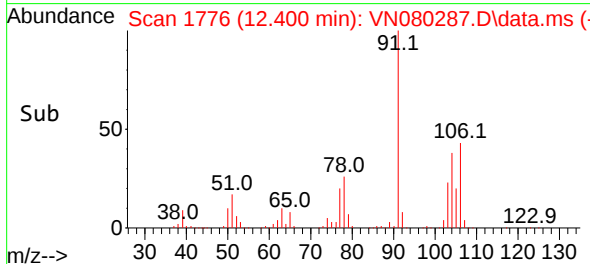
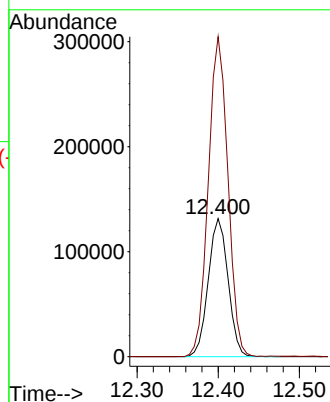
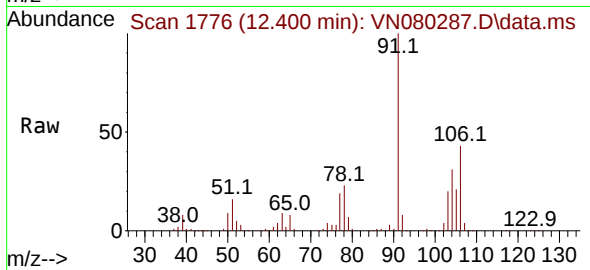
#69
o-Xylene
Concen: 46.982 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 223074
Ion Ratio Lower Upper
106 100
91 229.1 105.2 315.5

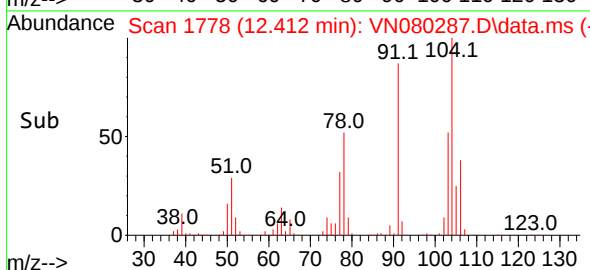
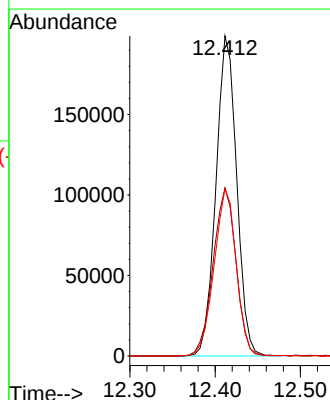
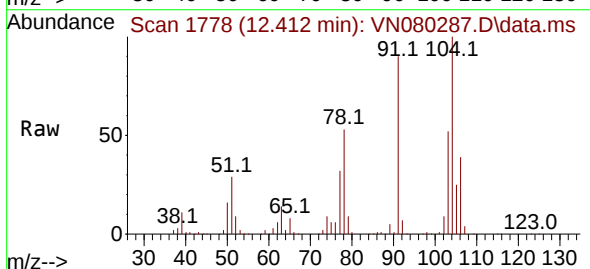
Manual Integrations
APPROVED

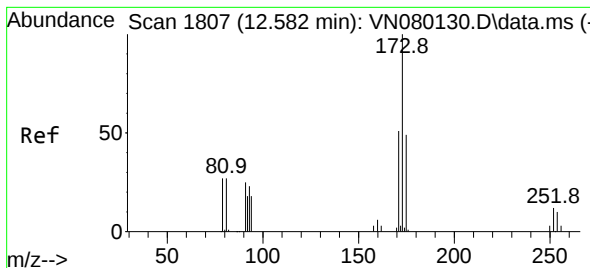
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#70
Styrene
Concen: 47.579 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

Tgt Ion:104 Resp: 336242
Ion Ratio Lower Upper
104 100
78 57.7 39.5 59.3
103 55.7 43.2 64.8





#71

Bromoform

Concen: 46.406 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN080287.D

Acq: 27 Nov 2023 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

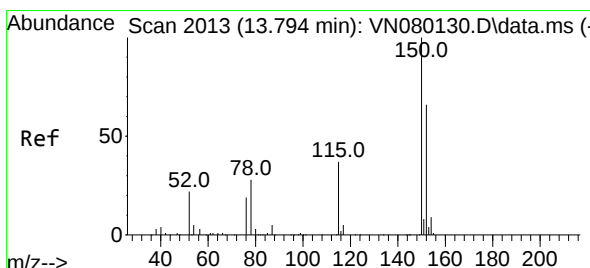
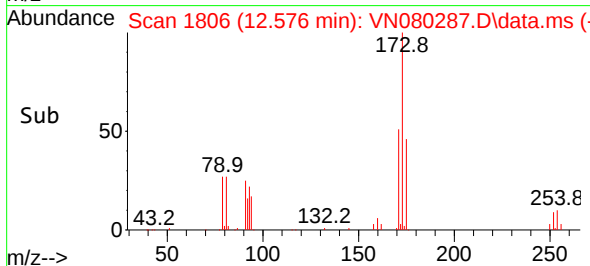
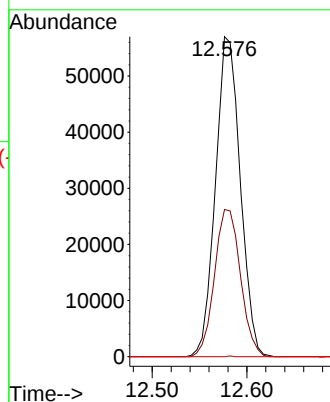
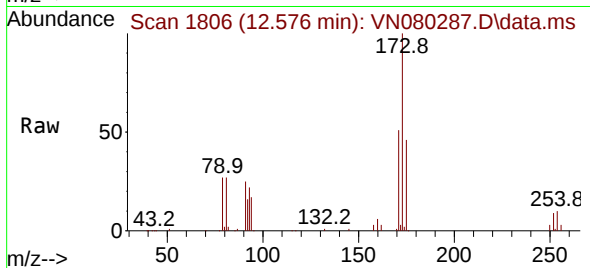
Tgt Ion:173 Resp: 103709
 Ion Ratio Lower Upper
 173 100
 175 48.1 24.3 73.0
 254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

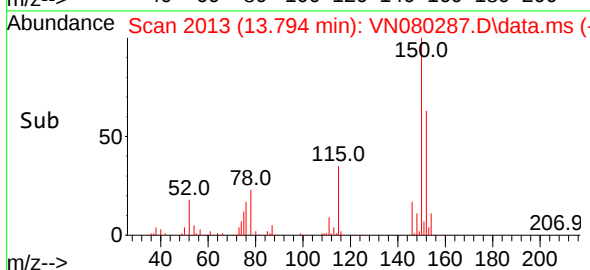
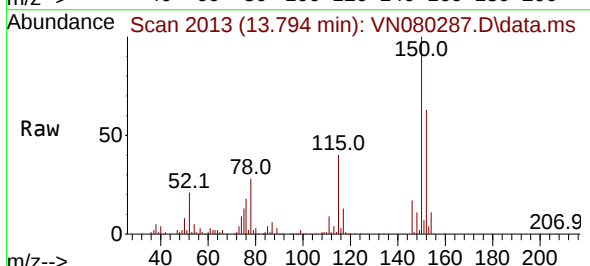
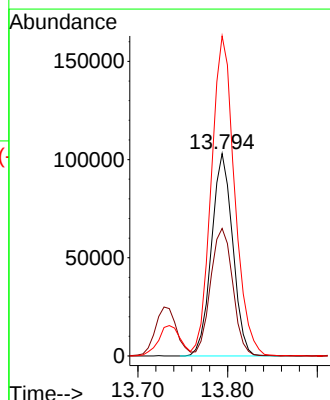
RT: 13.794 min Scan# 2013

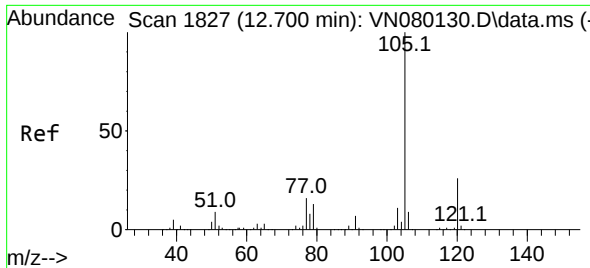
Delta R.T. -0.000 min

Lab File: VN080287.D

Acq: 27 Nov 2023 19:57

Tgt Ion:152 Resp: 168930
 Ion Ratio Lower Upper
 152 100
 115 65.8 32.3 96.8
 150 173.6 0.0 355.8





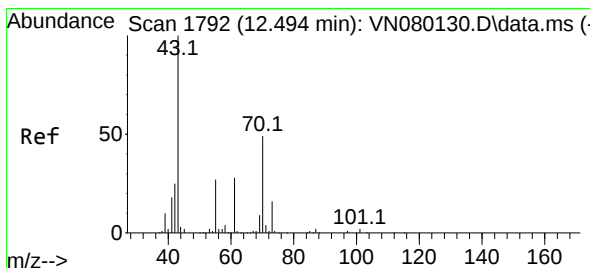
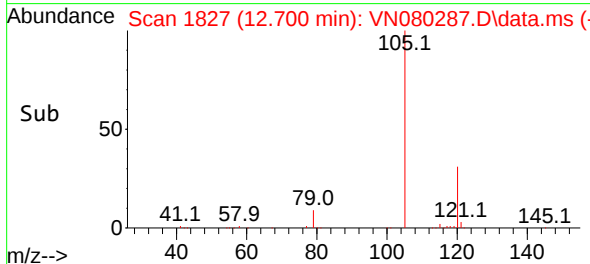
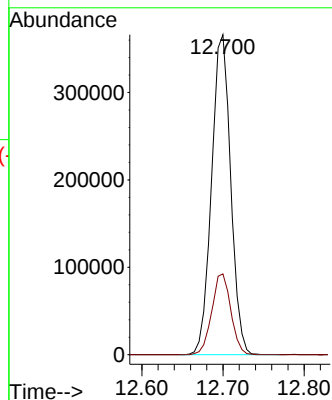
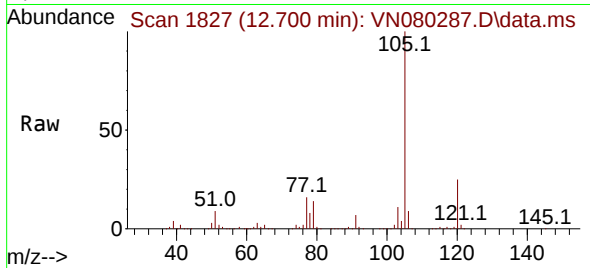
#73
Isopropylbenzene
Concen: 45.561 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 598079
Ion Ratio Lower Upper
105 100
120 25.2 13.1 39.1

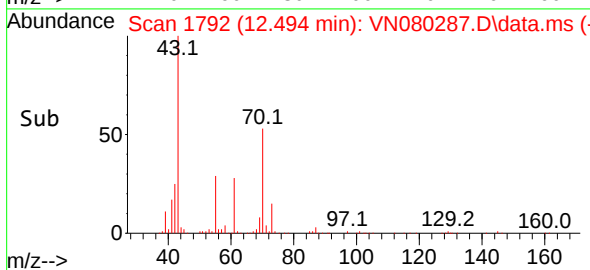
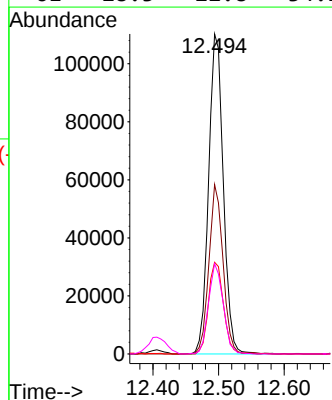
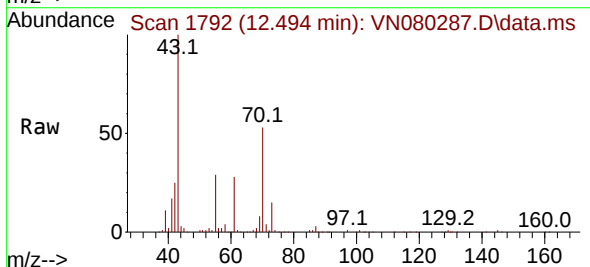
Manual Integrations
APPROVED

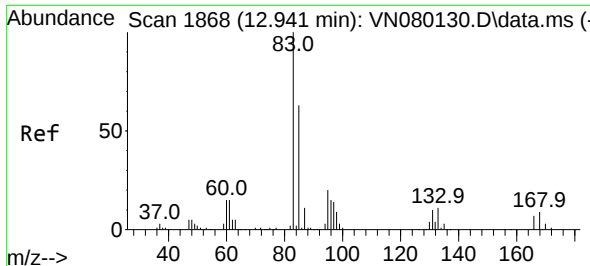
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#74
N-ethyl acetate
Concen: 42.025 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

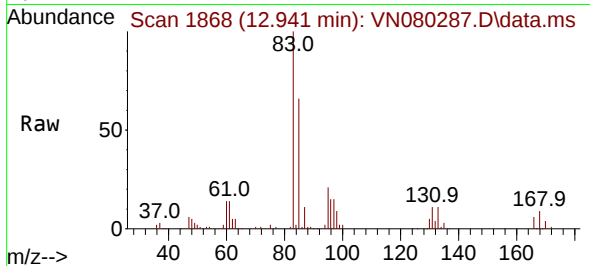
Tgt Ion: 43 Resp: 172034
Ion Ratio Lower Upper
43 100
70 50.9 43.4 65.2
55 29.2 21.4 32.0
61 28.3 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 41.262 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

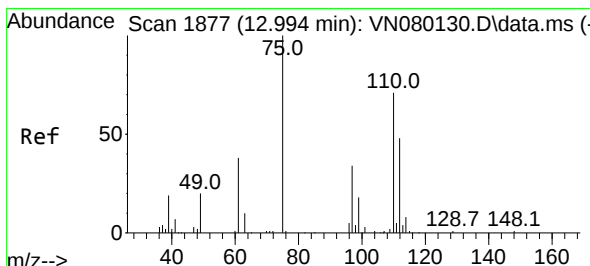
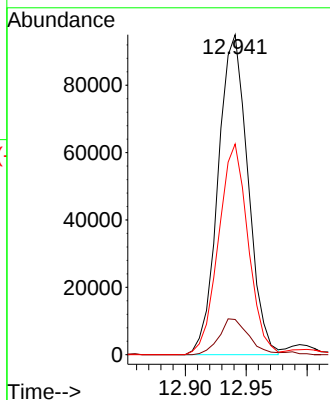
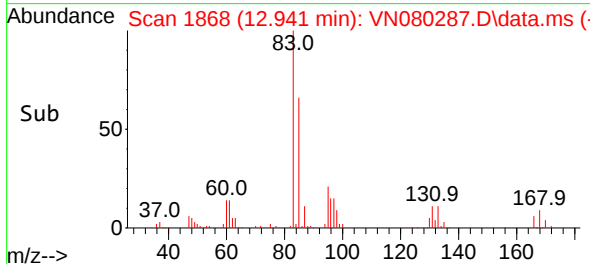
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



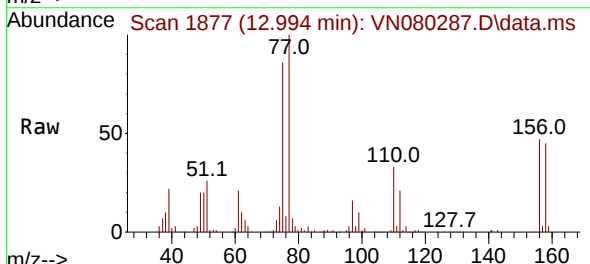
Tgt Ion: 83 Resp: 162114
Ion Ratio Lower Upper
83 100
131 11.5 5.0 15.0
85 65.5 31.9 95.7

Manual Integrations
APPROVED

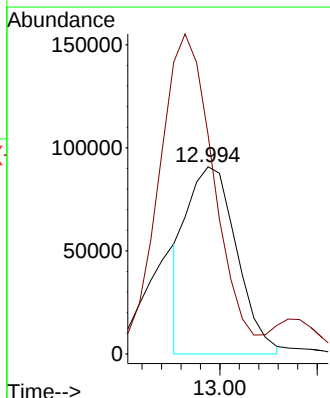
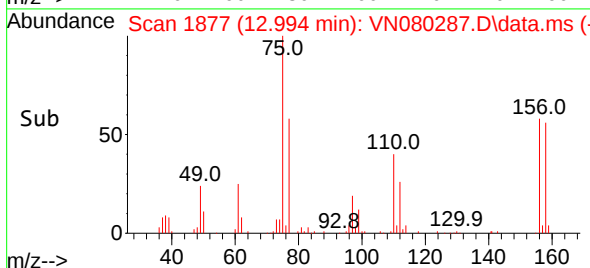
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

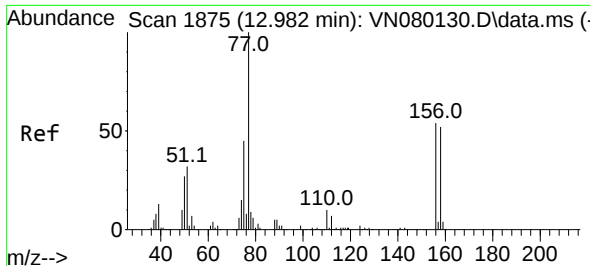


#76
1,2,3-Trichloropropane
Concen: 39.170 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57



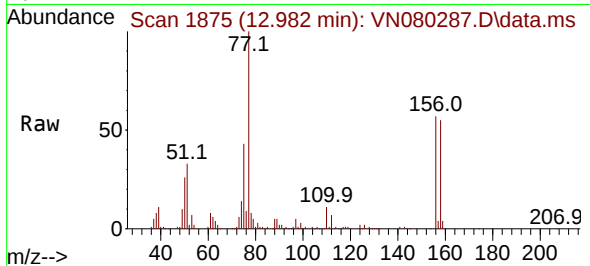
Tgt Ion: 75 Resp: 162127
Ion Ratio Lower Upper
75 100
77 188.5 84.5 253.5





#77
Bromobenzene
Concen: 44.328 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

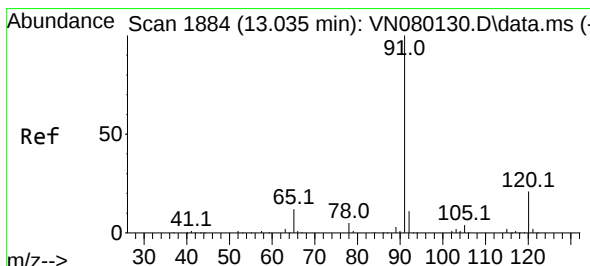
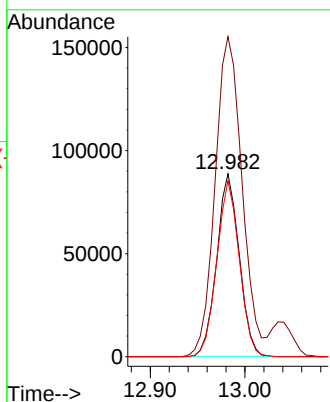
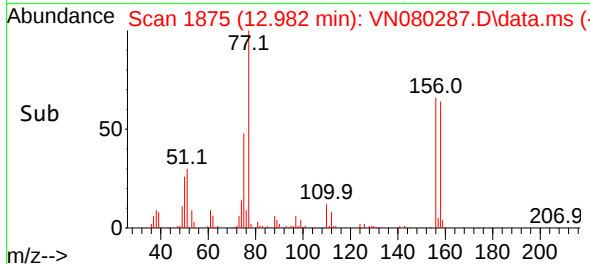
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



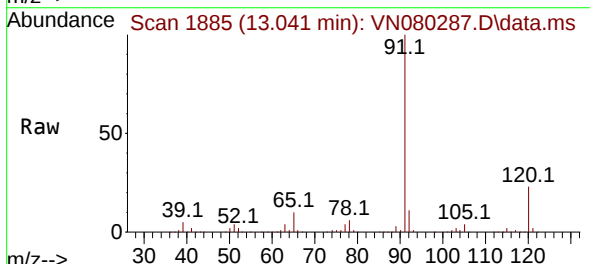
Tgt Ion:156 Resp: 146710
Ion Ratio Lower Upper
156 100
77 208.3 107.7 323.3
158 96.2 48.4 145.3

Manual Integrations
APPROVED

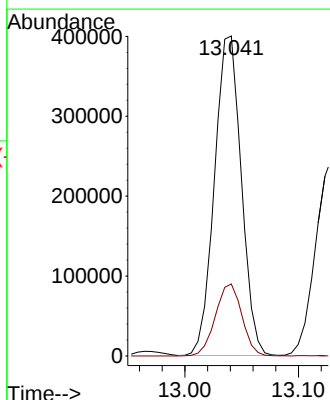
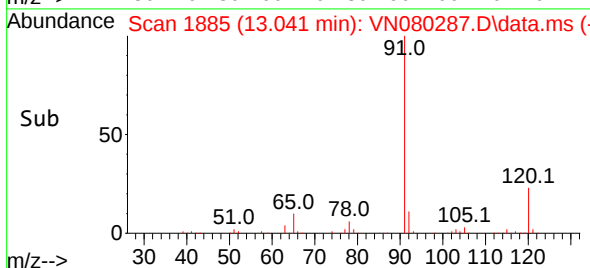
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

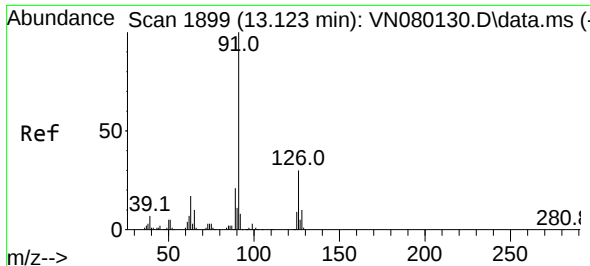


#78
n-propylbenzene
Concen: 44.723 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57



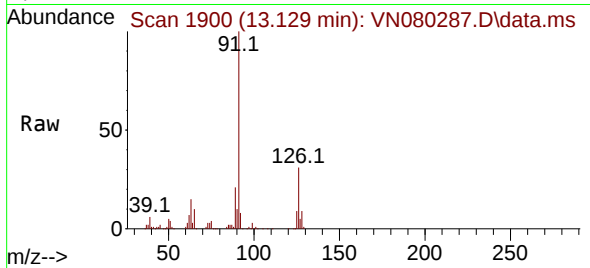
Tgt Ion: 91 Resp: 656489
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.4





#79
2-Chlorotoluene
Concen: 44.501 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

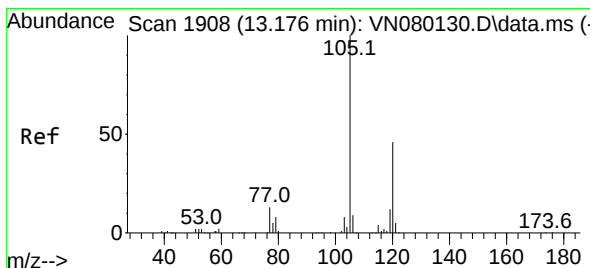
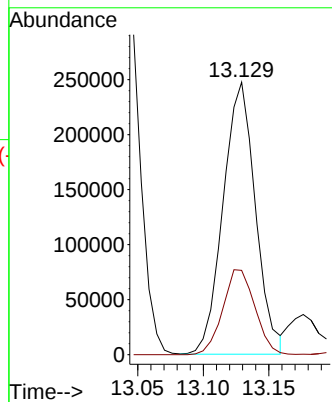
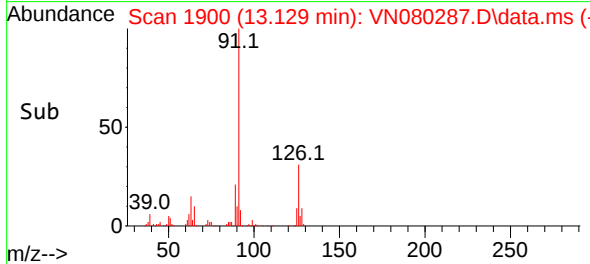
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 424270
Ion Ratio Lower Upper
91 100
126 31.2 16.3 48.8

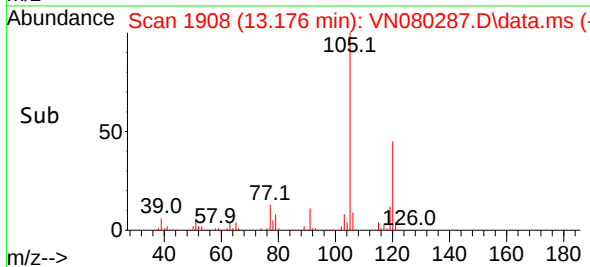
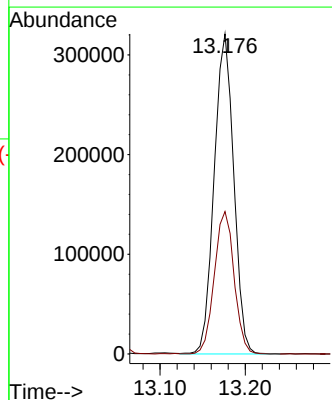
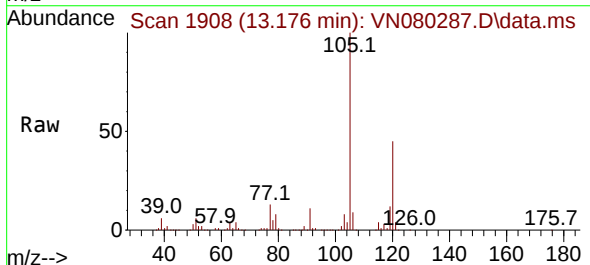
Manual Integrations
APPROVED

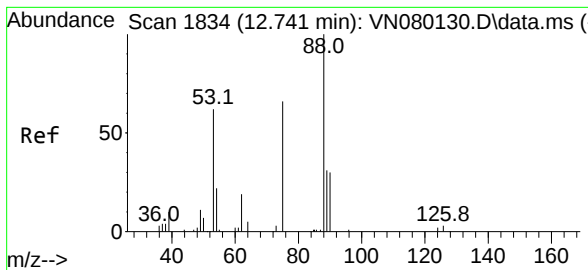
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#80
1,3,5-Trimethylbenzene
Concen: 44.834 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

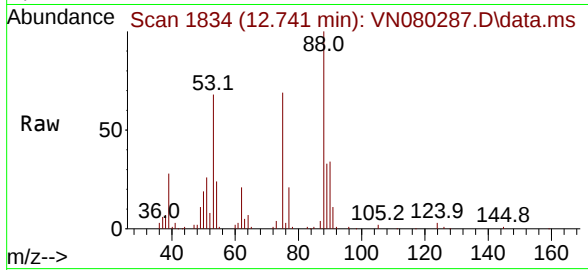
Tgt Ion:105 Resp: 512325
Ion Ratio Lower Upper
105 100
120 45.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 42.153 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

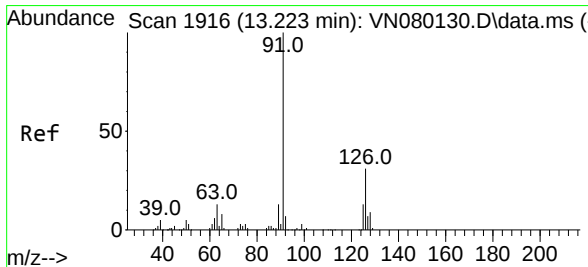
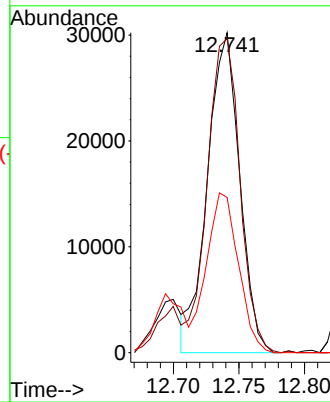
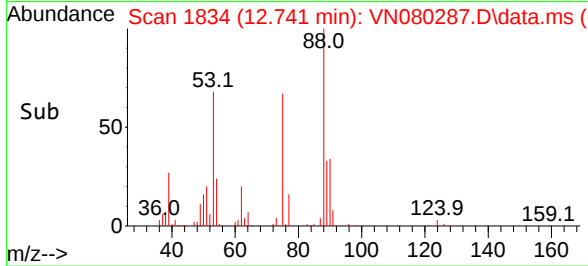
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 5164
Ion Ratio Lower Upper
75 100
53 100.3 67.4 101.2
89 49.5 38.8 58.2

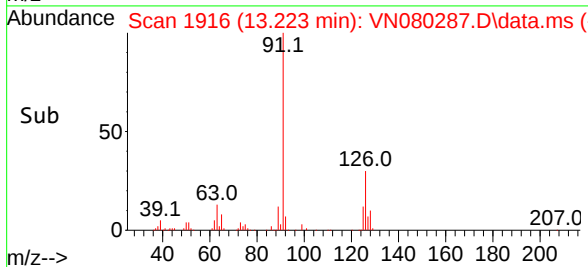
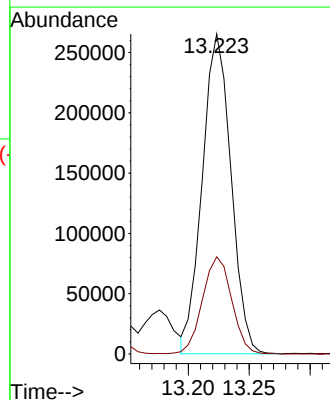
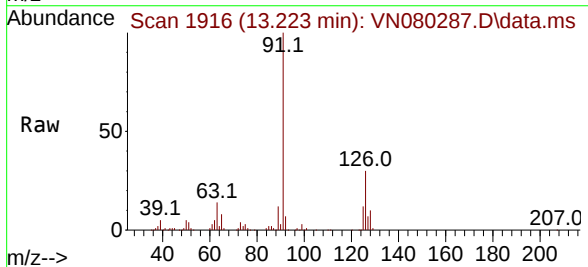
Manual Integrations
APPROVED

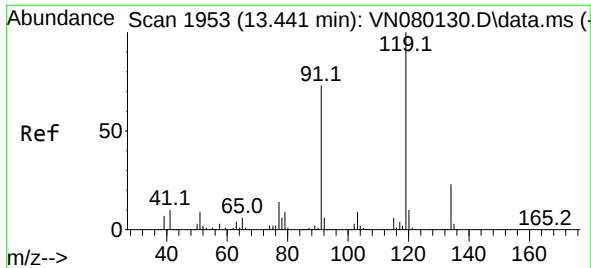
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#82
4-Chlorotoluene
Concen: 44.531 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

Tgt Ion: 91 Resp: 434940
Ion Ratio Lower Upper
91 100
126 30.9 16.7 50.0





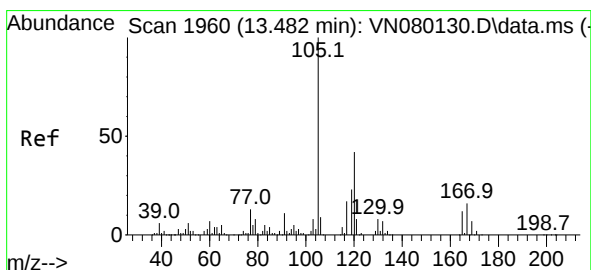
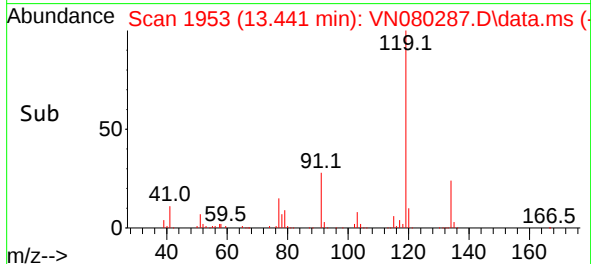
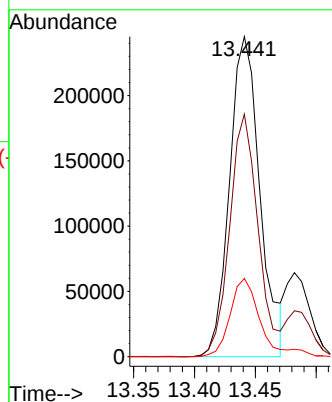
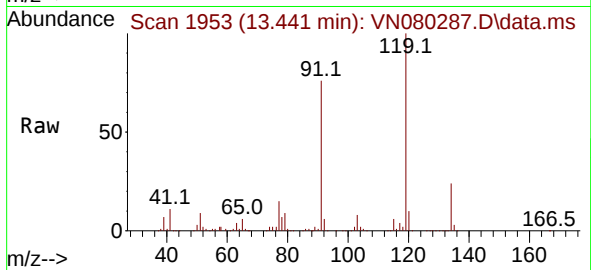
#83
tert-Butylbenzene
Concen: 46.467 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 42581
Ion Ratio Lower Upper
119 100
91 70.9 33.9 101.7
134 24.3 13.2 39.6

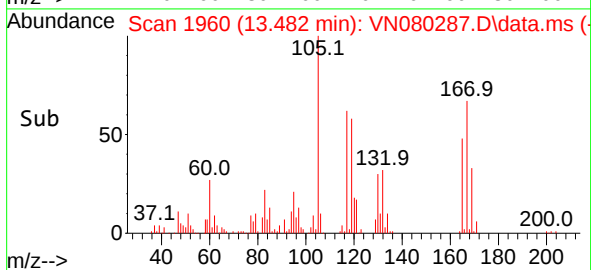
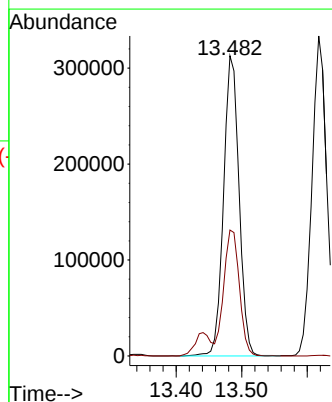
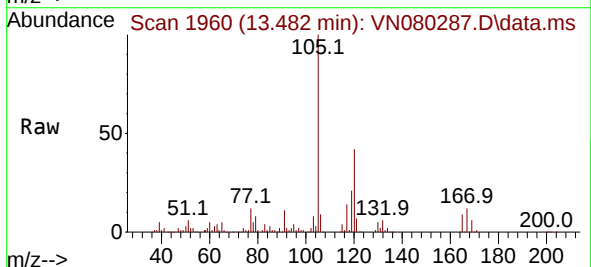
Manual Integrations
APPROVED

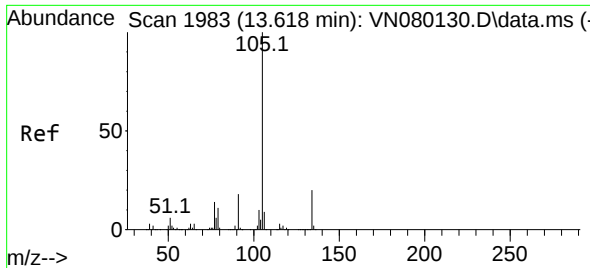
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#84
1,2,4-Trimethylbenzene
Concen: 45.450 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

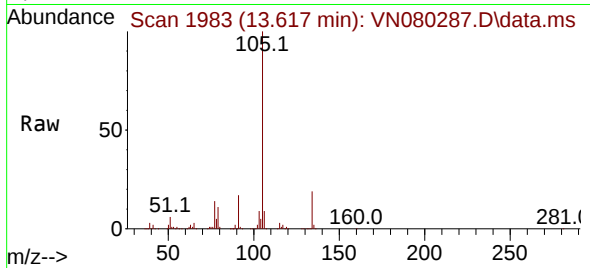
Tgt Ion:105 Resp: 511407
Ion Ratio Lower Upper
105 100
120 42.1 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 45.242 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080287.D
 Acq: 27 Nov 2023 19:57

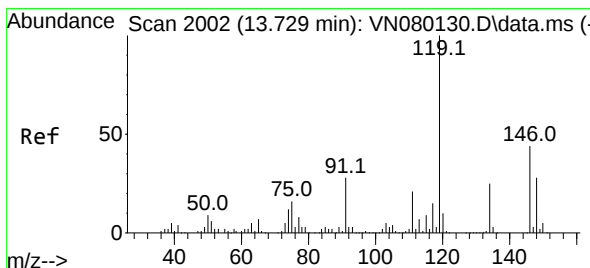
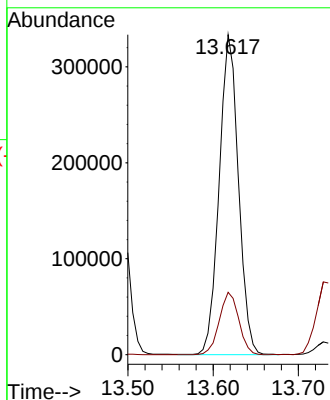
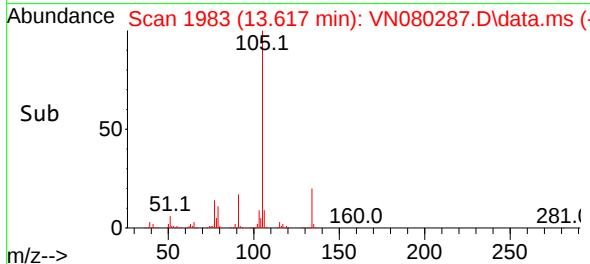
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



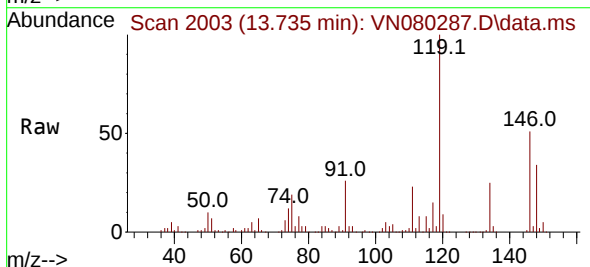
Tgt Ion:105 Resp: 524460
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

Manual Integrations
 APPROVED

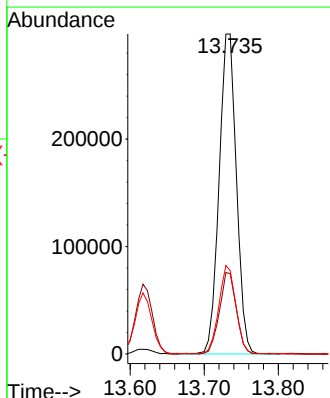
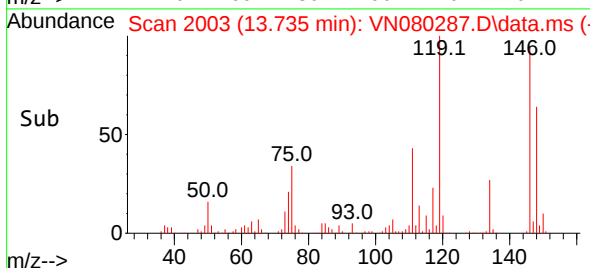
Reviewed By :John Carlone 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023

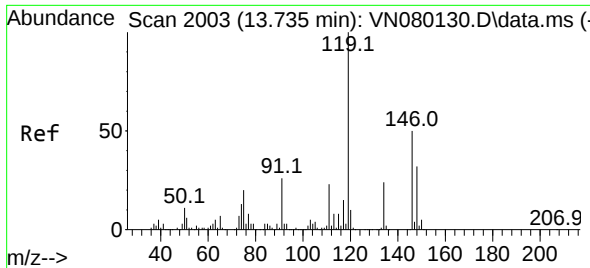


#86
 p-Isopropyltoluene
 Concen: 46.666 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080287.D
 Acq: 27 Nov 2023 19:57



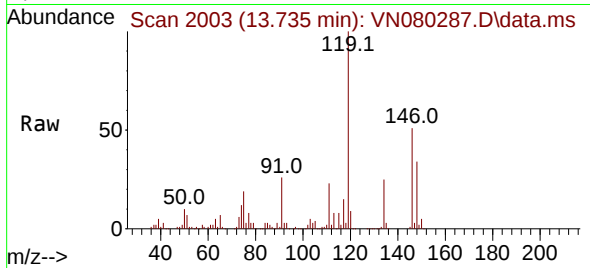
Tgt Ion:119 Resp: 483248
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.6 37.8
 91 26.8 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 42.934 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

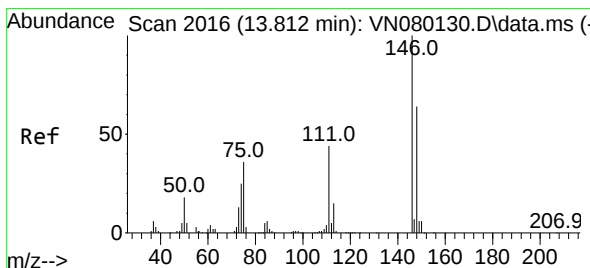
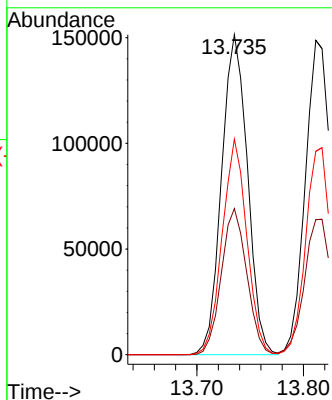
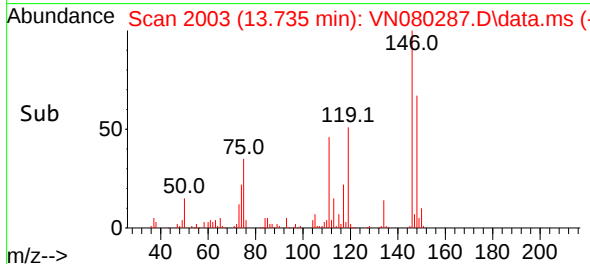
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



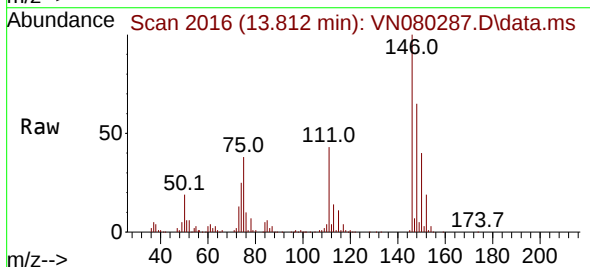
Tgt Ion:146 Resp: 256008
Ion Ratio Lower Upper
146 100
111 44.8 22.1 66.3
148 63.9 32.0 96.0

Manual Integrations
APPROVED

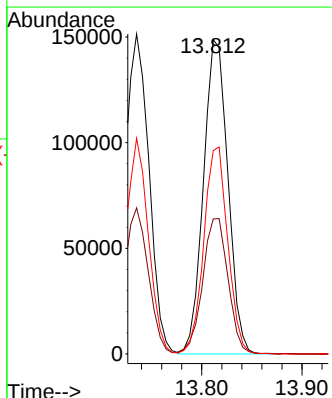
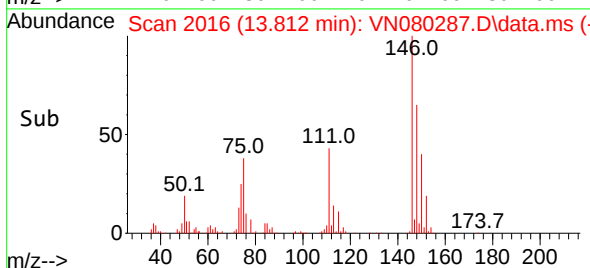
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

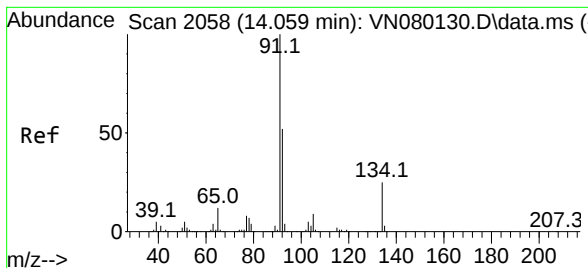


#88
1,4-Dichlorobenzene
Concen: 42.196 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57



Tgt Ion:146 Resp: 252852
Ion Ratio Lower Upper
146 100
111 45.0 20.6 61.8
148 64.5 31.6 94.8





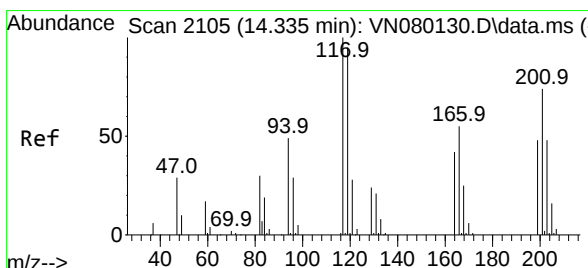
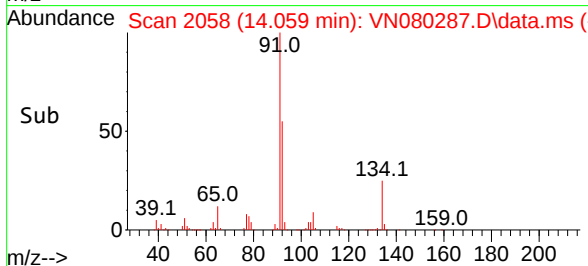
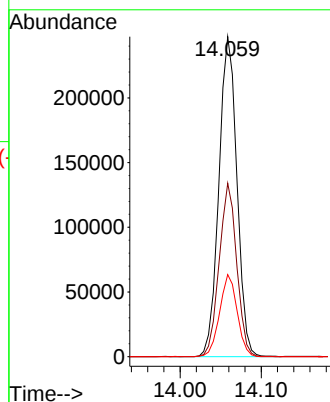
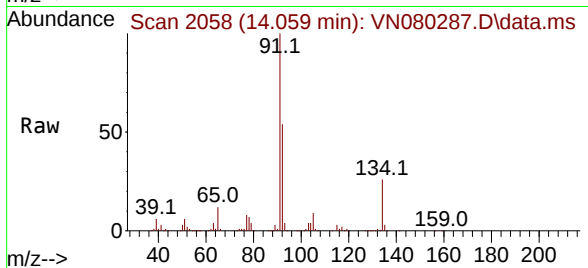
#89
n-Butylbenzene
Concen: 44.122 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 38242
Ion Ratio Lower Upper
91 100
92 52.6 26.4 79.0
134 25.0 12.6 37.6

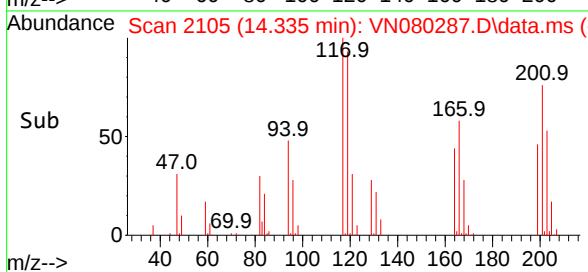
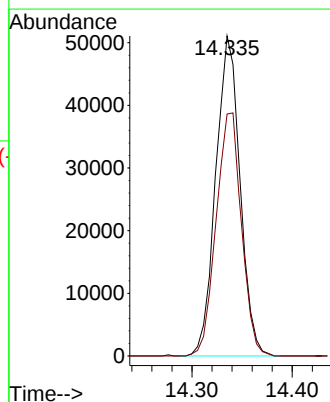
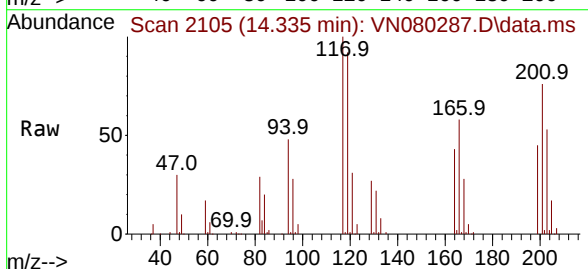
Manual Integrations
APPROVED

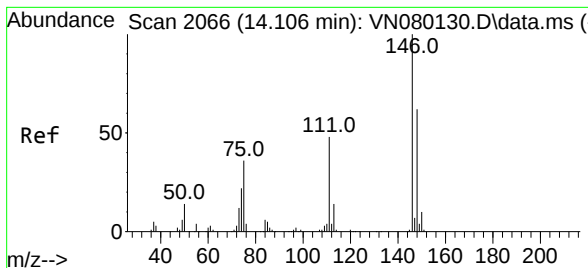
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#90
Hexachloroethane
Concen: 42.572 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

Tgt Ion:117 Resp: 85946
Ion Ratio Lower Upper
117 100
201 79.1 29.3 88.0





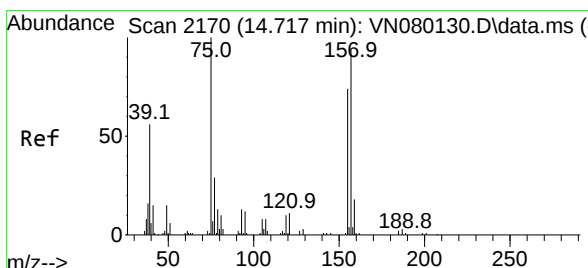
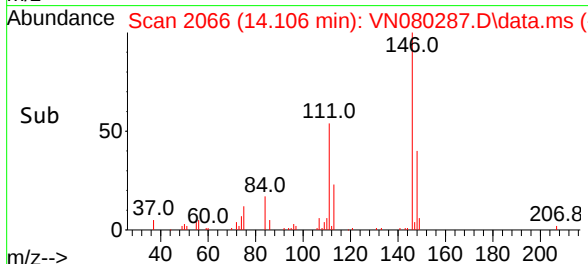
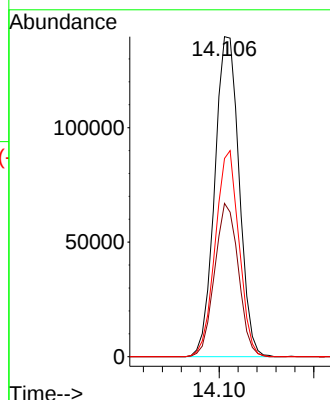
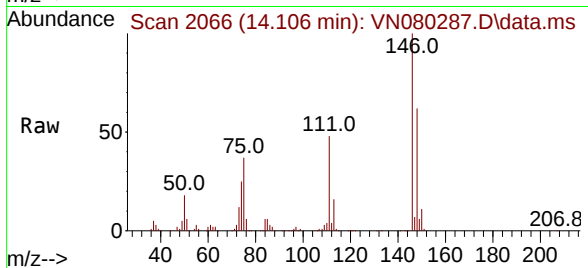
#91
1,2-Dichlorobenzene
Concen: 43.823 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 25005
Ion Ratio Lower Upper
146 100
111 46.7 22.0 66.0
148 62.6 31.8 95.3

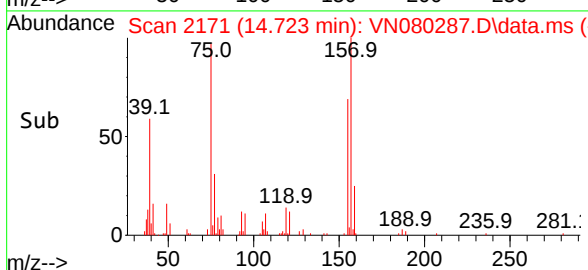
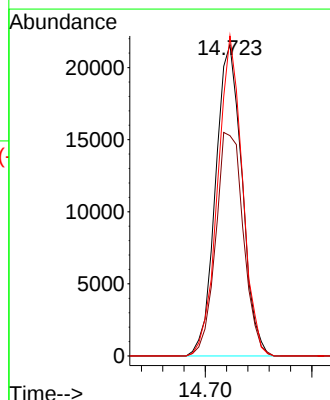
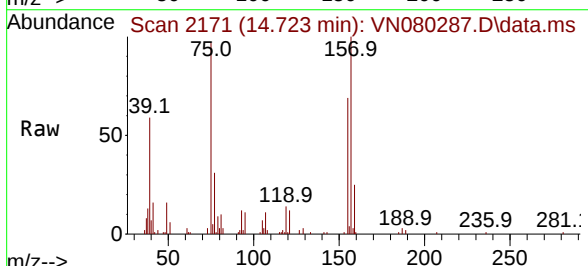
Manual Integrations
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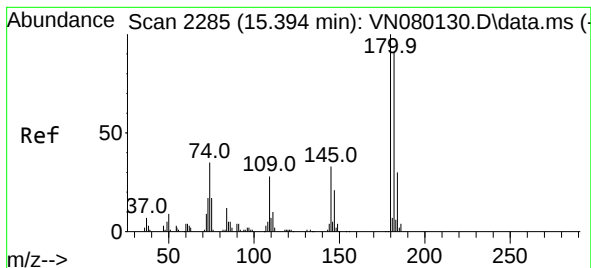
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 40.780 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

Tgt Ion: 75 Resp: 37215
Ion Ratio Lower Upper
75 100
155 75.0 39.1 117.2
157 95.4 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 39.559 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080287.D

Acq: 27 Nov 2023 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 13128

Ion Ratio Lower Upper

180 100

182 95.9 46.1 138.2

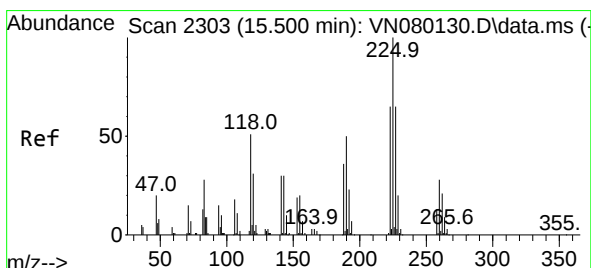
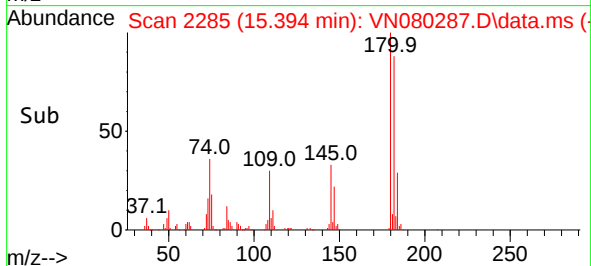
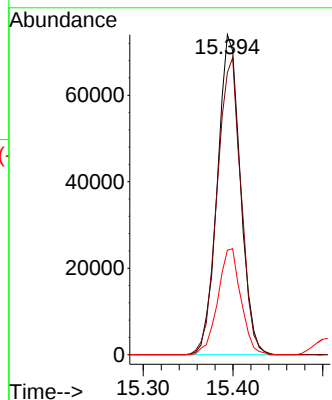
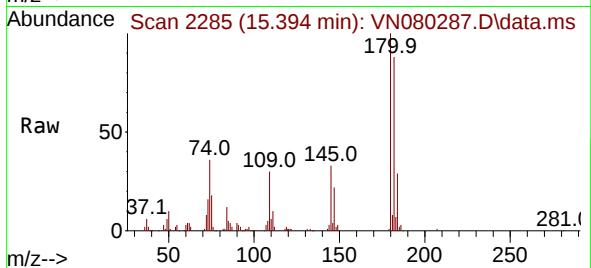
145 33.3 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#94

Hexachlorobutadiene

Concen: 38.440 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.005 min

Lab File: VN080287.D

Acq: 27 Nov 2023 19:57

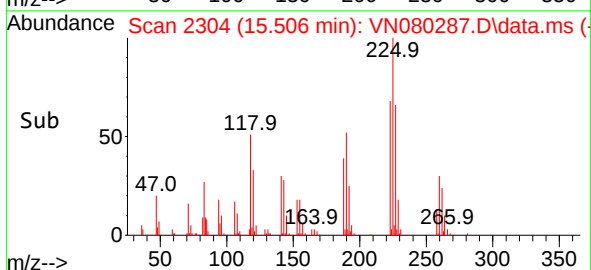
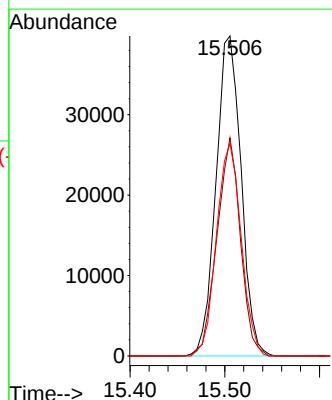
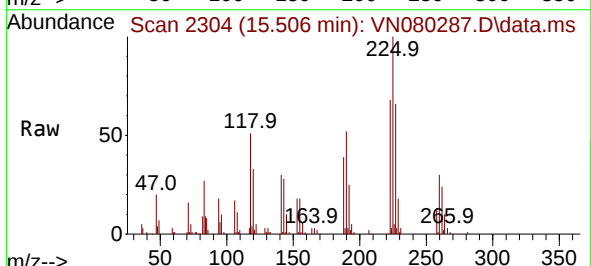
Tgt Ion:225 Resp: 73413

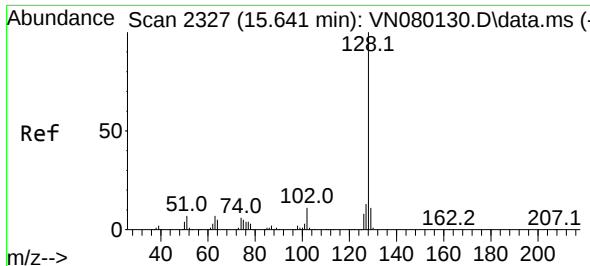
Ion Ratio Lower Upper

225 100

223 63.6 31.3 93.8

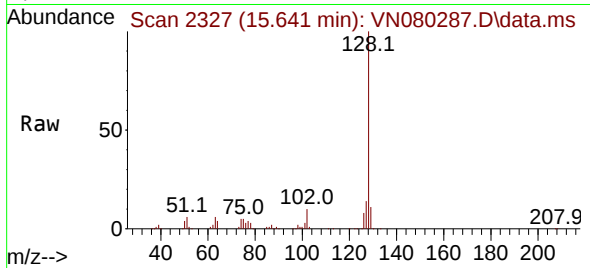
227 65.4 31.9 95.9





#95
Naphthalene
Concen: 38.724 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

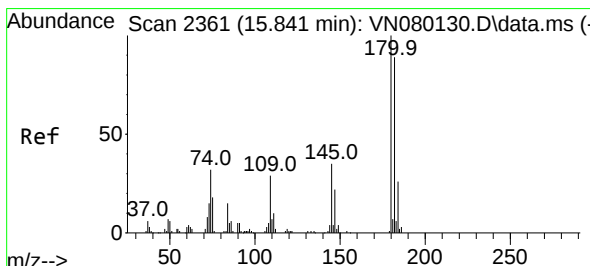
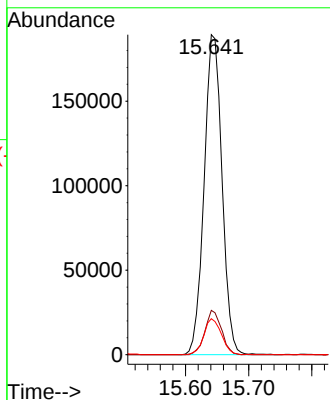
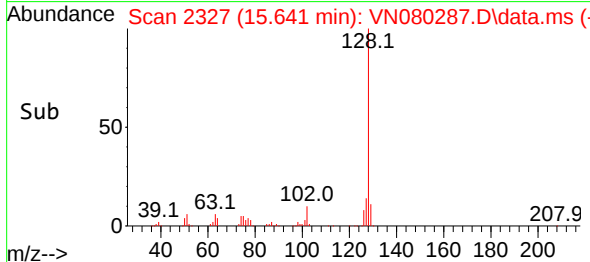
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 372664
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#96
1,2,3-Trichlorobenzene
Concen: 40.275 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN080287.D
Acq: 27 Nov 2023 19:57

Tgt Ion:180 Resp: 125282
Ion Ratio Lower Upper
180 100
182 97.8 46.2 138.6
145 35.2 17.5 52.6

