

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110423\
 Data File : VN079889.D
 Acq On : 04 Nov 2023 13:19
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/06/2023
 Supervised By : Mahesh Dadoda 11/06/2023

Quant Time: Nov 06 02:11:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	279836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	486763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	448472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	209056	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	240010	56.296	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.600%
35) Dibromofluoromethane	8.171	113	186435	54.116	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.240%
50) Toluene-d8	10.571	98	683431	53.887	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.780%
62) 4-Bromofluorobenzene	12.853	95	237328	56.423	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.840%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	181738	53.917	ug/l	95
3) Chloromethane	2.359	50	203022	48.336	ug/l	98
4) Vinyl Chloride	2.512	62	269506	61.082	ug/l	96
5) Bromomethane	2.948	94	159151	59.366	ug/l	96
6) Chloroethane	3.112	64	164173	47.090	ug/l	94
7) Trichlorofluoromethane	3.500	101	284209	51.789	ug/l	99
8) Diethyl Ether	3.959	74	112625	54.081	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.365	101	168875	53.084	ug/l	99
10) Methyl Iodide	4.589	142	195714	53.873	ug/l	98
11) Tert butyl alcohol	5.518	59	126798	232.982	ug/l	99
12) 1,1-Dichloroethene	4.342	96	155475	51.616	ug/l #	81
13) Acrolein	4.177	56	132919	335.012	ug/l	97
14) Allyl chloride	5.024	41	257699	55.858	ug/l	90
15) Acrylonitrile	5.718	53	475205	280.185	ug/l	99
16) Acetone	4.424	43	459849	307.066	ug/l	92
17) Carbon Disulfide	4.712	76	428816	49.355	ug/l	98
18) Methyl Acetate	5.024	43	398048	55.556	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	583909	56.306	ug/l #	91
20) Methylene Chloride	5.283	84	197565	52.283	ug/l #	84
21) trans-1,2-Dichloroethene	5.789	96	178873	53.246	ug/l #	80
22) Diisopropyl ether	6.671	45	656634	61.417	ug/l #	89
23) Vinyl Acetate	6.606	43	1714142	290.665	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	373394	57.461	ug/l	96
25) 2-Butanone	7.483	43	667746	304.495	ug/l #	82
26) 2,2-Dichloropropane	7.488	77	291099	54.166	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	221128	55.028	ug/l	85
28) Bromochloromethane	7.818	49	179910	56.811	ug/l #	77
29) Tetrahydrofuran	7.841	42	415856	291.467	ug/l #	75
30) Chloroform	7.971	83	380235	53.868	ug/l	96
31) Cyclohexane	8.259	56	297742	52.850	ug/l	83
32) 1,1,1-Trichloroethane	8.171	97	322271	56.034	ug/l	93
36) 1,1-Dichloropropene	8.377	75	278286	56.573	ug/l	95
37) Ethyl Acetate	7.565	43	263207	58.343	ug/l #	90
38) Carbon Tetrachloride	8.365	117	279796	56.439	ug/l	97
39) Methylcyclohexane	9.606	83	259644	56.087	ug/l #	85
40) Benzene	8.606	78	824161	55.939	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	147550	61.591	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	308790	60.001	ug/l	97
43) Isopropyl Acetate	8.694	43	432077	54.614	ug/l #	91
44) Trichloroethene	9.353	130	197108	53.914	ug/l	97
45) 1,2-Dichloropropane	9.624	63	227066	60.307	ug/l	93
46) Dibromomethane	9.712	93	149013	57.961	ug/l	96
47) Bromodichloromethane	9.888	83	306835	55.962	ug/l	96
48) Methyl methacrylate	9.682	41	214030	61.763	ug/l #	80
49) 1,4-Dioxane	9.700	88	66936	1093.146	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1355788	304.389	ug/l	90
52) Toluene	10.629	92	508686	58.239	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	318602	59.275	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	345779	59.020	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	199957	56.917	ug/l	94
56) Ethyl methacrylate	10.876	69	306090	61.082	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	362764	58.581	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	709161	279.215	ug/l	89
59) 2-Hexanone	11.200	43	991197	290.895	ug/l	88
60) Dibromochloromethane	11.359	129	219528	58.377	ug/l	100
61) 1,2-Dibromoethane	11.470	107	202218	57.349	ug/l	97
64) Tetrachloroethene	11.106	164	178918	61.599	ug/l	98
65) Chlorobenzene	11.894	112	525223	53.990	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	198432	56.614	ug/l	97
67) Ethyl Benzene	11.965	91	960846	56.690	ug/l	96
68) m/p-Xylenes	12.076	106	722384	114.414	ug/l	93
69) o-Xylene	12.400	106	343373	56.477	ug/l	89
70) Styrene	12.412	104	592461	60.636	ug/l	97
71) Bromoform	12.582	173	146068	58.689	ug/l #	98
73) Isopropylbenzene	12.700	105	875089	55.155	ug/l	99
74) N-amyl acetate	12.500	43	360179	52.009	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	285188	50.696	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	264081m	53.806	ug/l	
77) Bromobenzene	12.982	156	208799	53.753	ug/l	91
78) n-propylbenzene	13.041	91	1049793	57.779	ug/l	97
79) 2-Chlorotoluene	13.129	91	645892	55.647	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	723863	58.640	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	100654	55.798	ug/l #	82
82) 4-Chlorotoluene	13.223	91	642677	55.721	ug/l	100
83) tert-Butylbenzene	13.441	119	580854	57.485	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	723400	59.563	ug/l	100
85) sec-Butylbenzene	13.617	105	809258	57.807	ug/l	99
86) p-Isopropyltoluene	13.735	119	676139	59.239	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	390784	54.079	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	386677	52.719	ug/l	100
89) n-Butylbenzene	14.059	91	573939	58.383	ug/l	99
90) Hexachloroethane	14.335	117	123104	54.461	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	371191	54.415	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	52844	55.393	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	177961	54.866	ug/l	98
94) Hexachlorobutadiene	15.506	225	81698	55.562	ug/l	99
95) Naphthalene	15.647	128	543790	49.437	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	171399	53.908	ug/l	96

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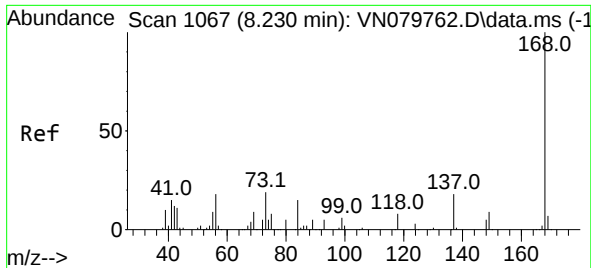
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APPROVED

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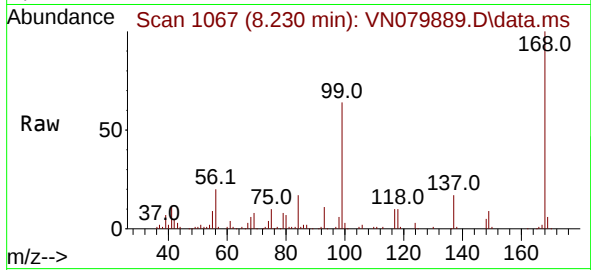
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079889.D
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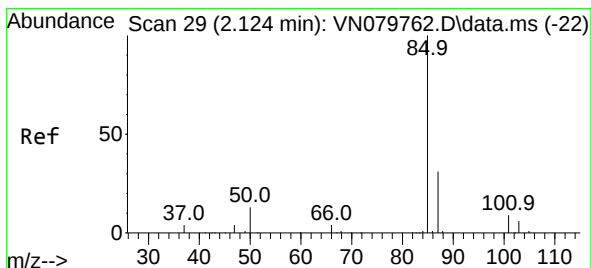
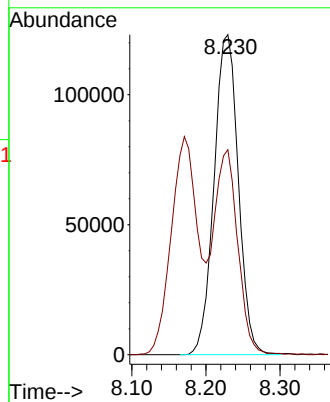
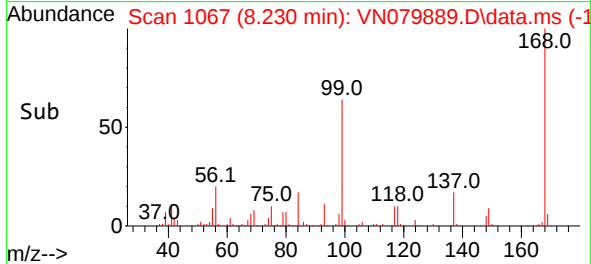
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 279830
Ion Ratio Lower Upper
168 100
99 63.7 53.0 79.6

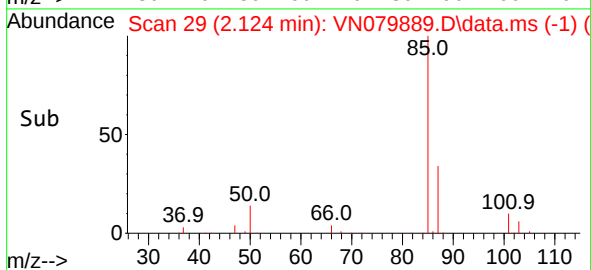
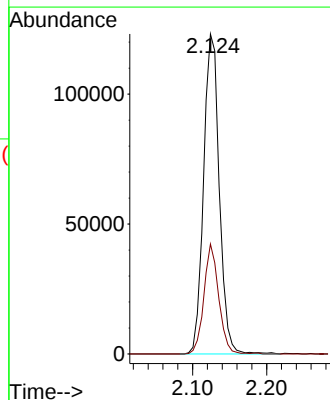
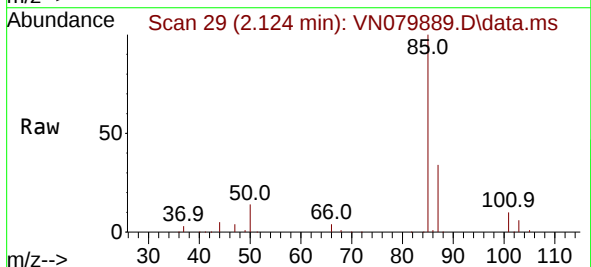
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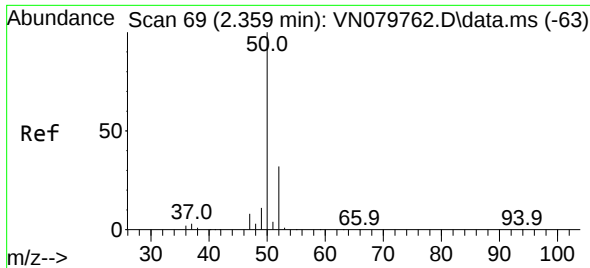
Reviewed By :John Carlone 11/06/2023
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#2
Dichlorodifluoromethane
Concen: 53.917 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

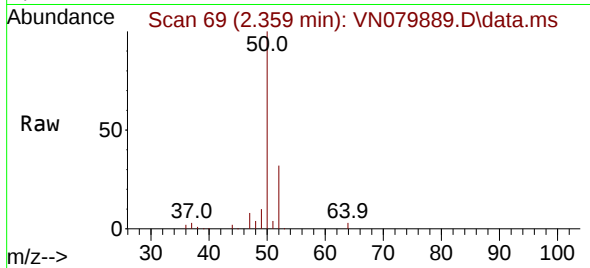
Tgt Ion: 85 Resp: 181738
Ion Ratio Lower Upper
85 100
87 34.4 15.8 47.4





#3
Chloromethane
Concen: 48.336 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

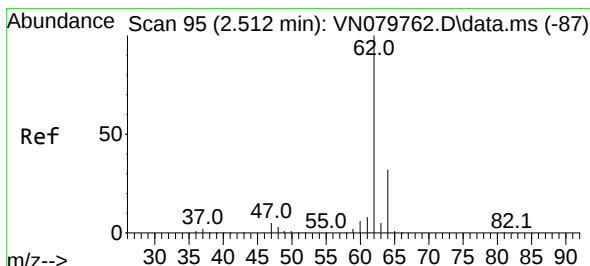
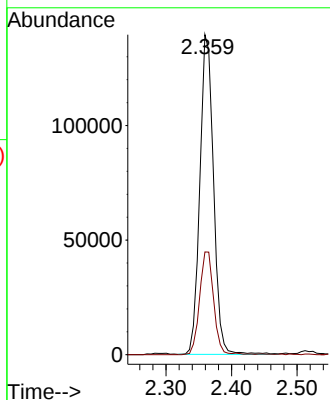
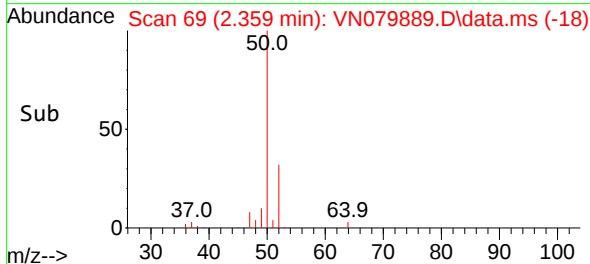
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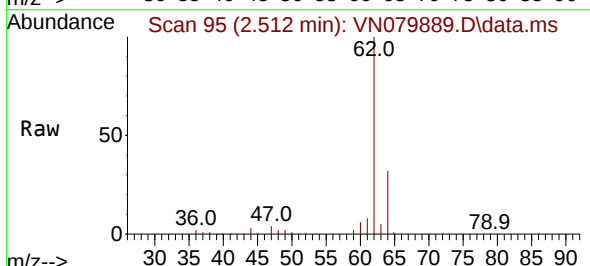
Tgt Ion: 50 Resp: 20302
Ion Ratio Lower Upper
50 100
52 32.1 26.5 39.7

Manual Integrations
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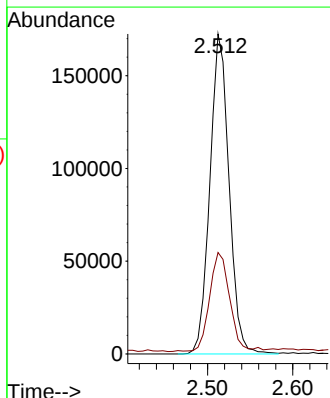
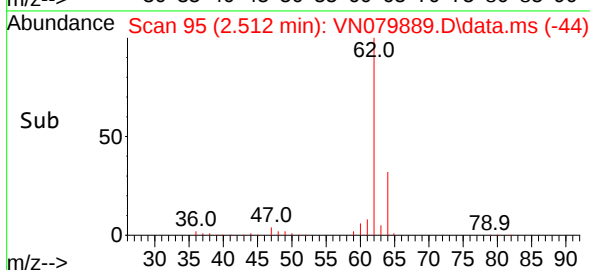
Reviewed By :John Carlone 11/06/2023
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#4
Vinyl Chloride
Concen: 61.082 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19



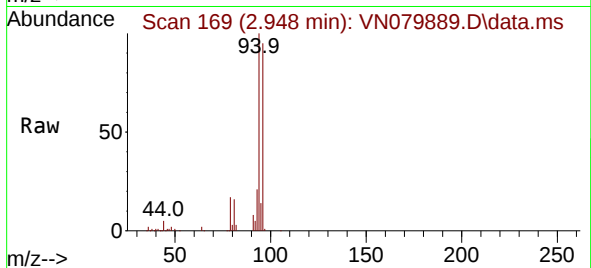
Tgt Ion: 62 Resp: 269506
Ion Ratio Lower Upper
62 100
64 30.6 26.2 39.2





#5
Bromomethane
Concen: 59.366 ug/l
RT: 2.948 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

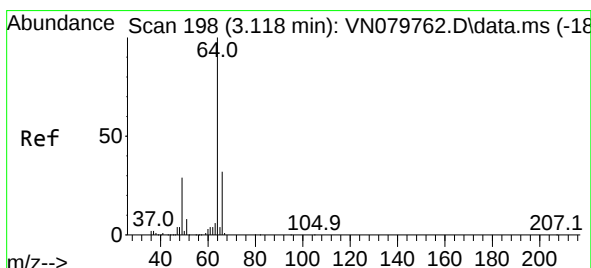
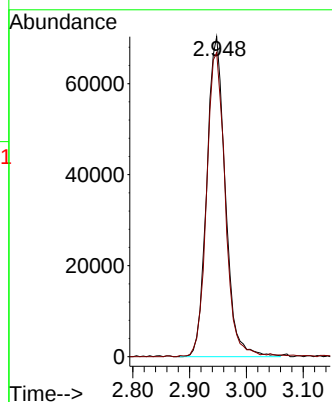
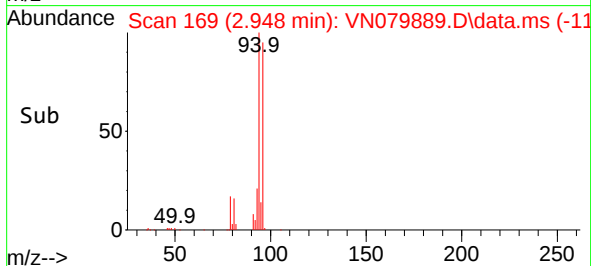
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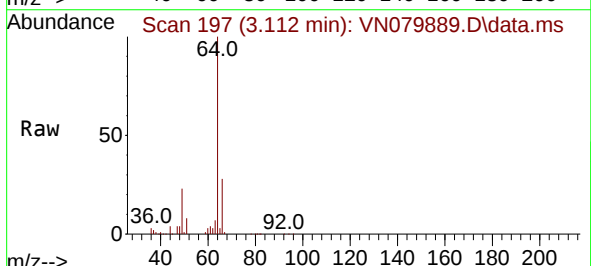
Tgt Ion: 94 Resp: 15915
Ion Ratio Lower Upper
94 100
96 94.7 73.1 109.7

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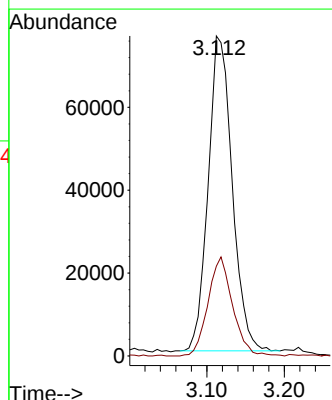
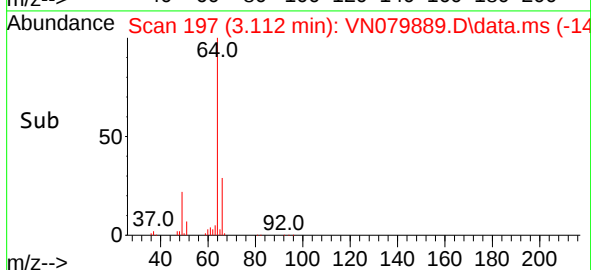
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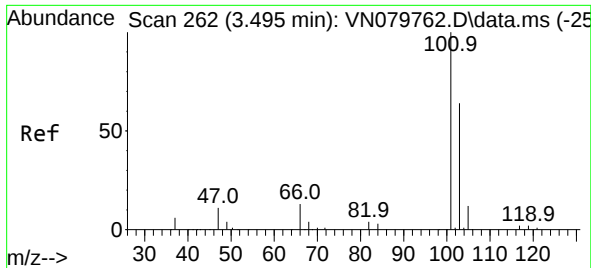


#6
Chloroethane
Concen: 47.090 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19



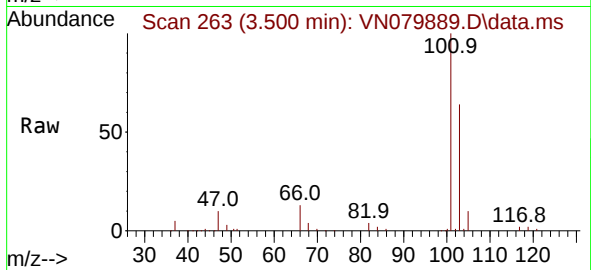
Tgt Ion: 64 Resp: 164173
Ion Ratio Lower Upper
64 100
66 28.5 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 51.789 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN079889.D
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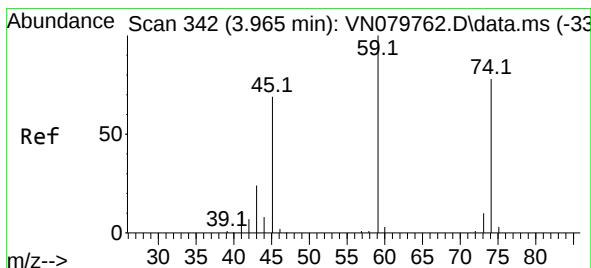
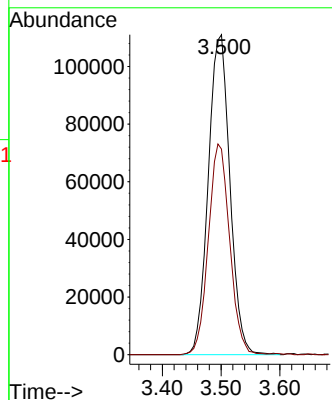
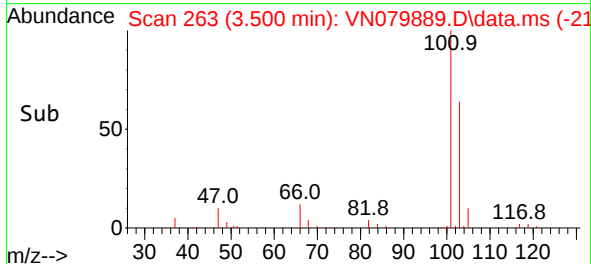
Instrument :
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 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 284209
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.7 76.1

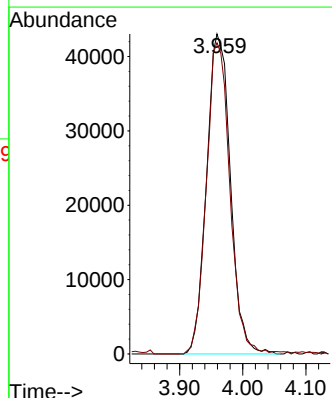
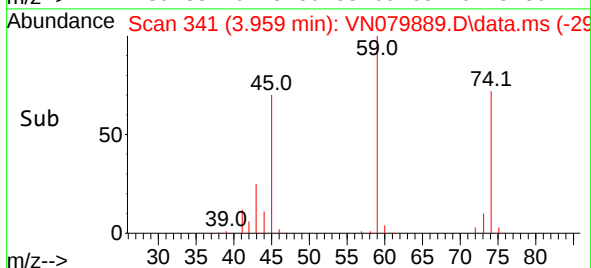
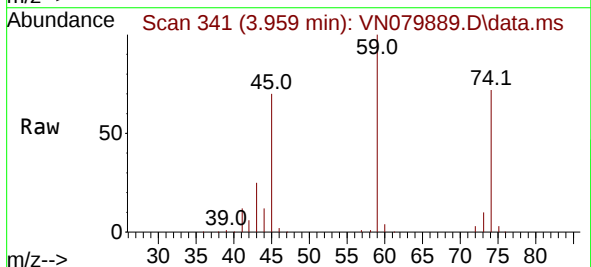
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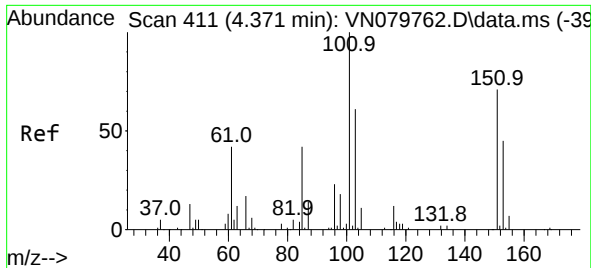
Reviewed By :John Carlone 11/06/2023
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#8
 Diethyl Ether
 Concen: 54.081 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN079889.D
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Tgt Ion: 74 Resp: 112625
 Ion Ratio Lower Upper
 74 100
 45 96.0 34.4 103.3





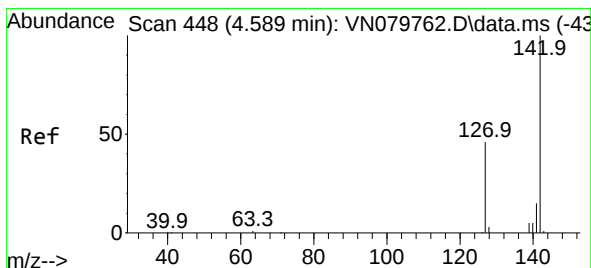
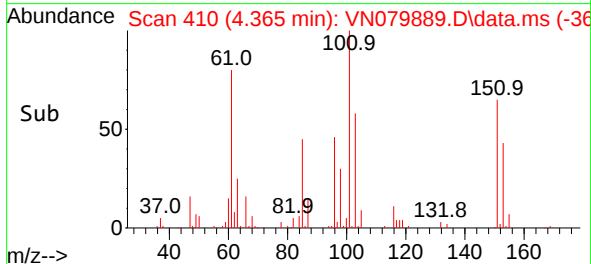
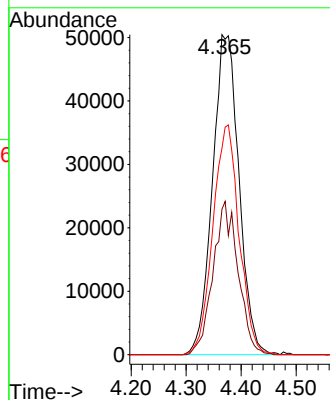
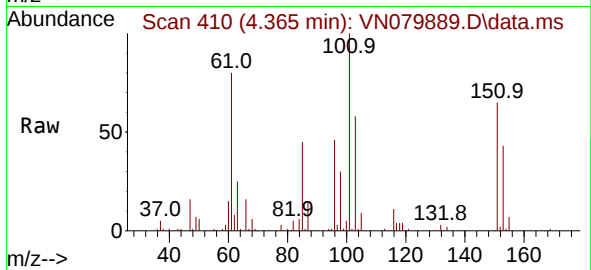
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.084 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN079889.D
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Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 16887
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 71.1 57.6 86.4

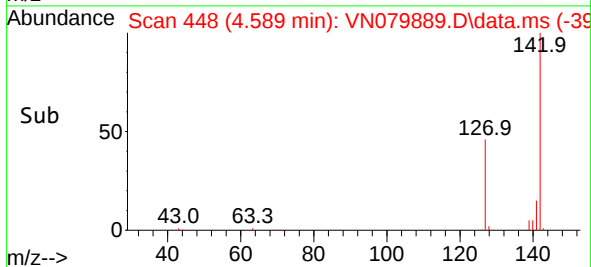
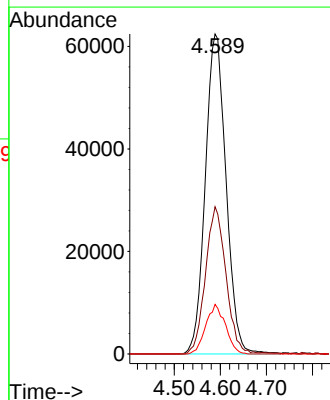
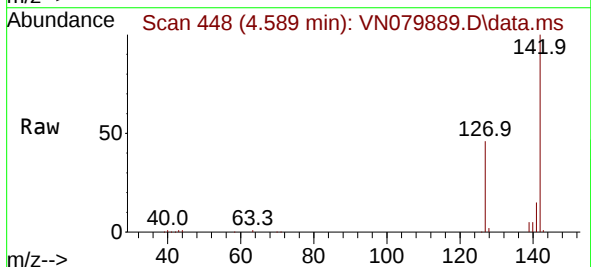
Manual Integrations
APPROVED

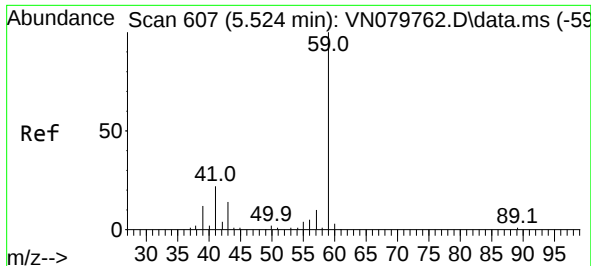
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#10
Methyl Iodide
Concen: 53.873 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

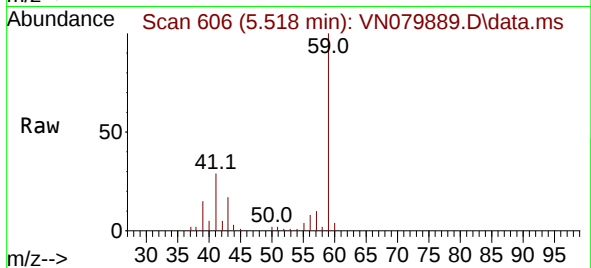
Tgt Ion:142 Resp: 195714
Ion Ratio Lower Upper
142 100
127 46.0 37.6 56.4
141 15.5 11.4 17.0





#11
Tert butyl alcohol
Concen: 232.982 ug/l
RT: 5.518 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

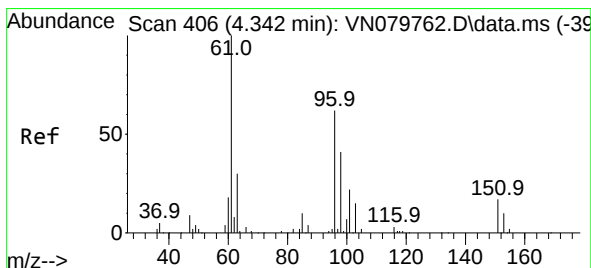
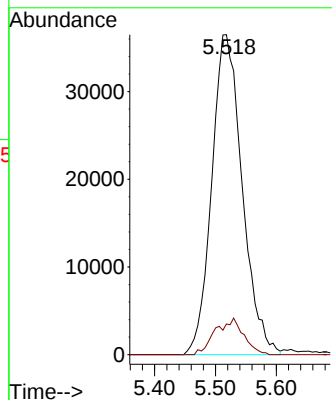
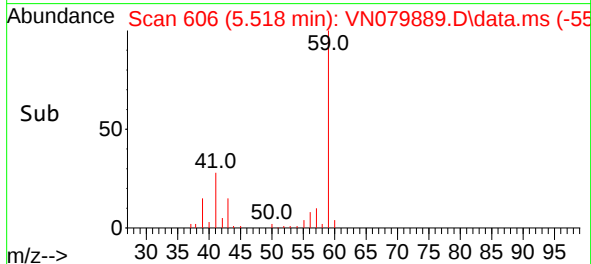
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



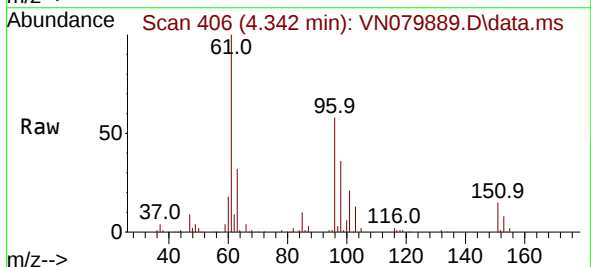
Tgt Ion: 59 Resp: 126798
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

Manual Integrations
APPROVED

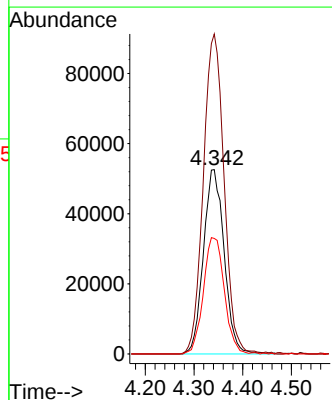
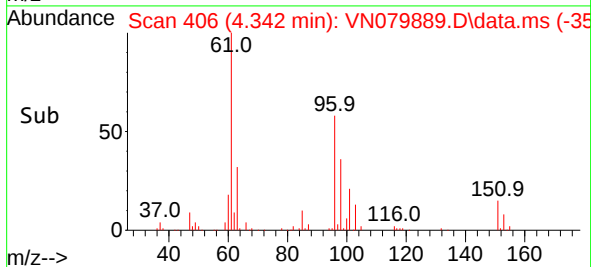
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

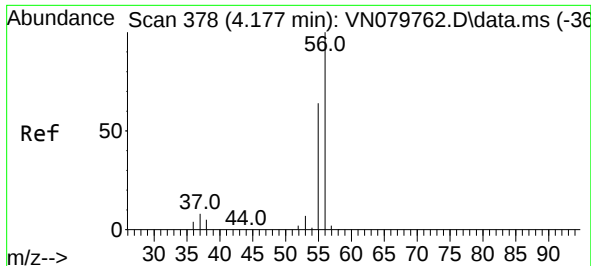


#12
1,1-Dichloroethene
Concen: 51.616 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19



Tgt Ion: 96 Resp: 155475
Ion Ratio Lower Upper
96 100
61 173.6 112.7 169.1#
98 62.7 51.2 76.8





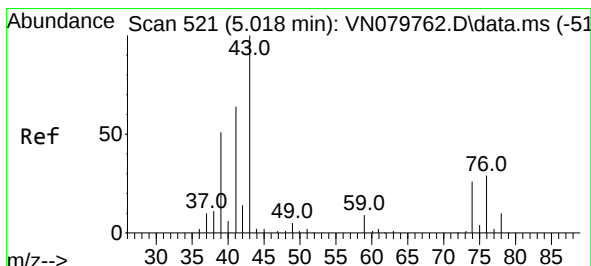
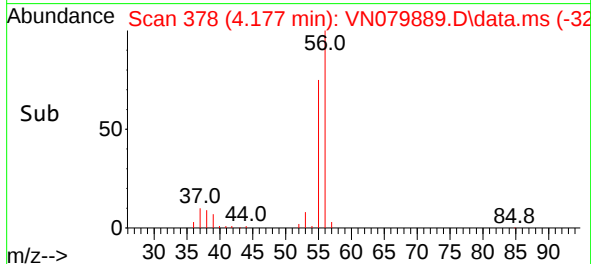
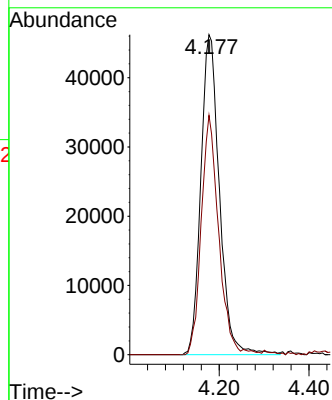
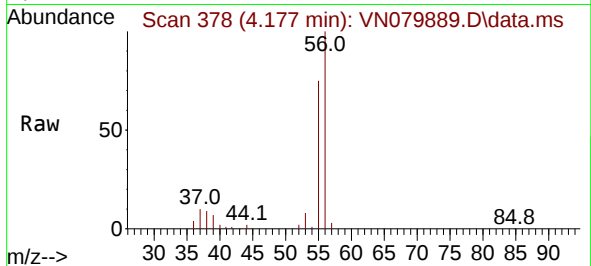
#13
Acrolein
Concen: 335.012 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 132919
Ion Ratio Lower Upper
56 100
55 70.2 54.5 81.7

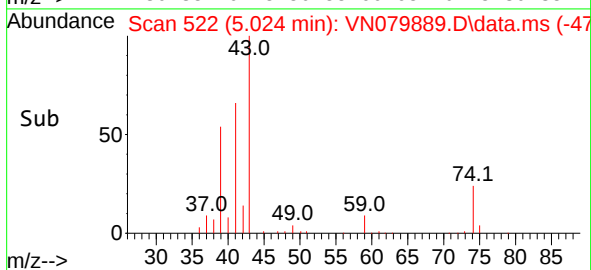
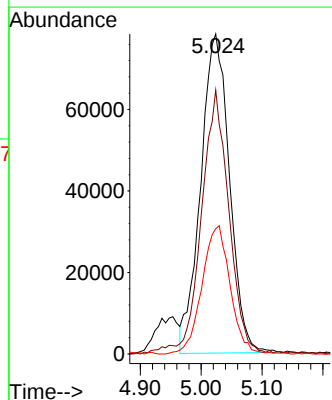
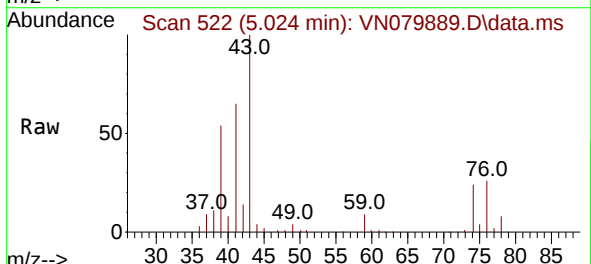
Manual Integrations
APPROVED

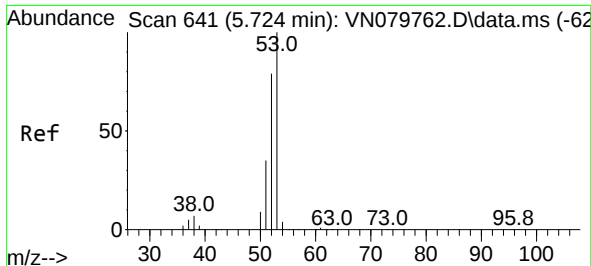
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#14
Allyl chloride
Concen: 55.858 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

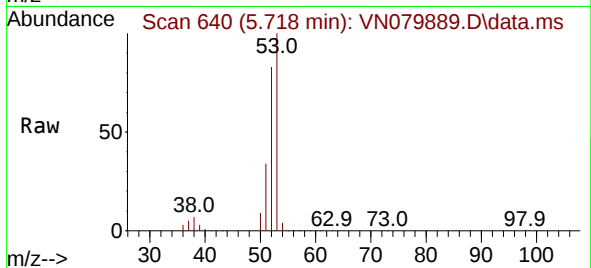
Tgt Ion: 41 Resp: 257699
Ion Ratio Lower Upper
41 100
39 79.2 58.8 88.2
76 39.3 39.1 58.7





#15
Acrylonitrile
Concen: 280.185 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

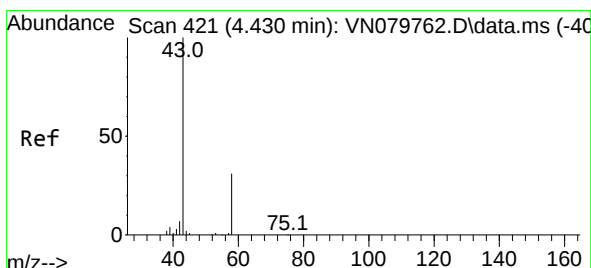
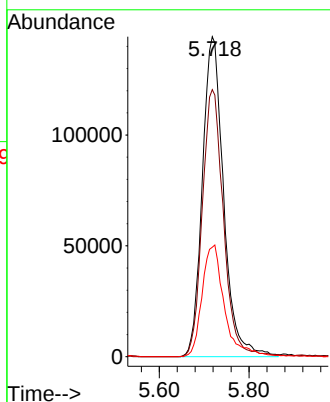
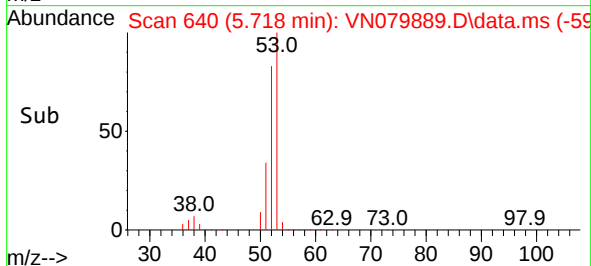
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



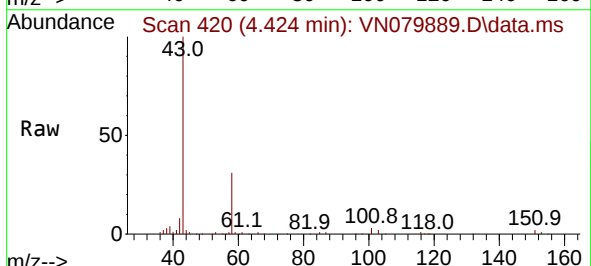
Tgt Ion: 53 Resp: 475209
Ion Ratio Lower Upper
53 100
52 82.8 65.3 97.9
51 36.7 28.9 43.3

Manual Integrations
APPROVED

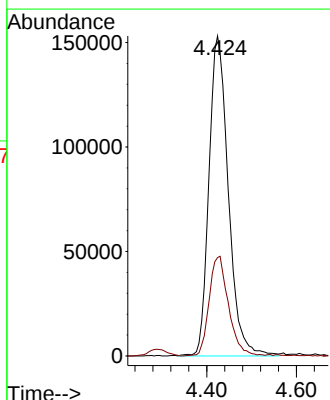
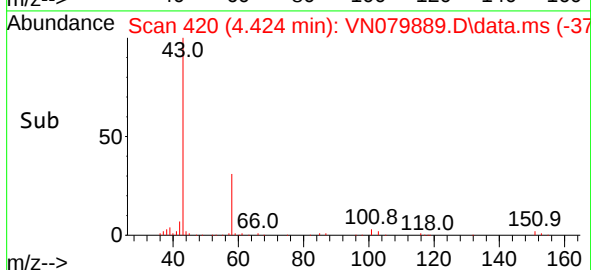
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

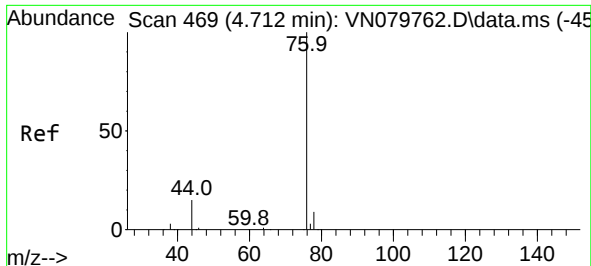


#16
Acetone
Concen: 307.066 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19



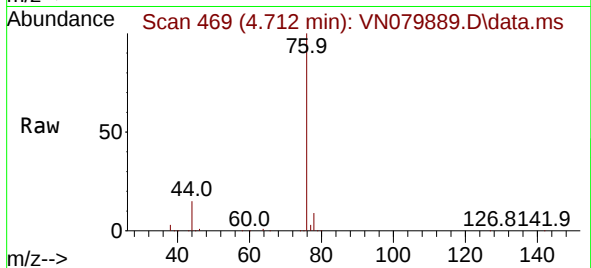
Tgt Ion: 43 Resp: 459849
Ion Ratio Lower Upper
43 100
58 30.5 28.0 42.0





#17
Carbon Disulfide
Concen: 49.355 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

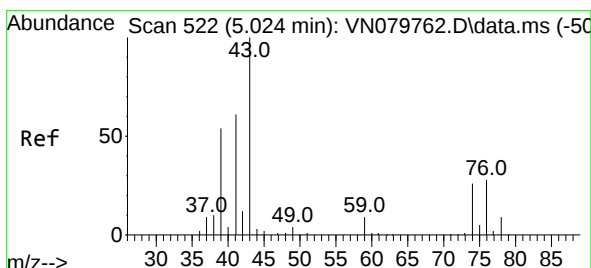
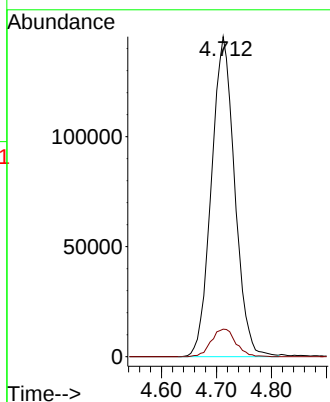
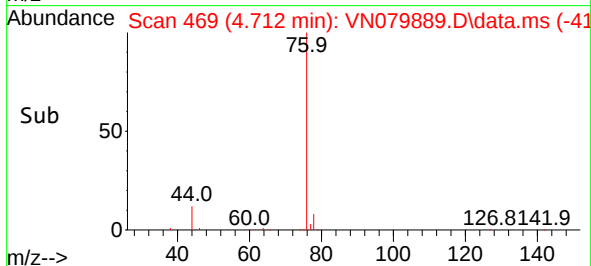
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



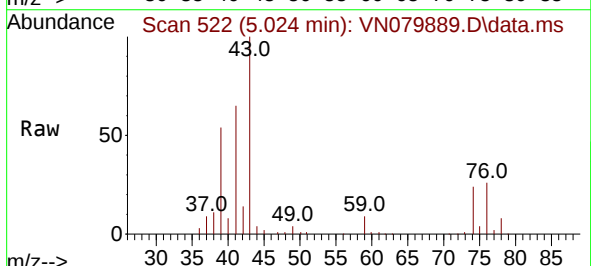
Tgt Ion: 76 Resp: 428810
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

Manual Integrations
APPROVED

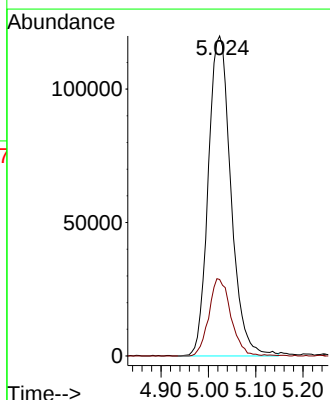
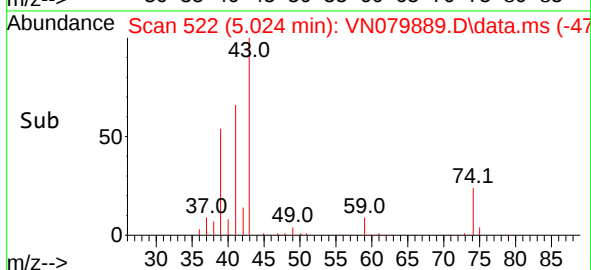
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

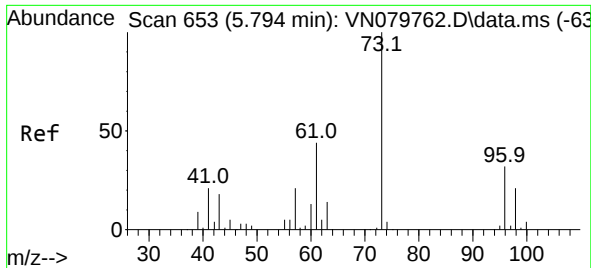


#18
Methyl Acetate
Concen: 55.556 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19



Tgt Ion: 43 Resp: 398048
Ion Ratio Lower Upper
43 100
74 23.4 26.2 39.4#





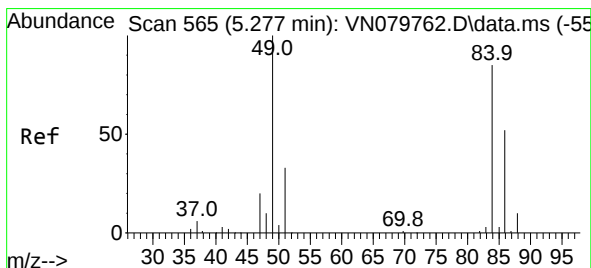
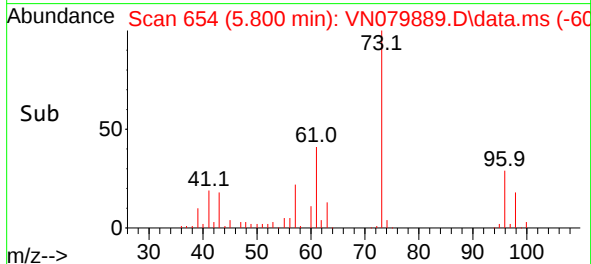
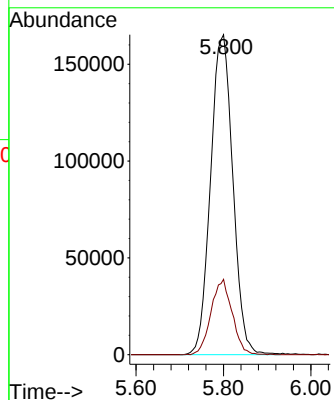
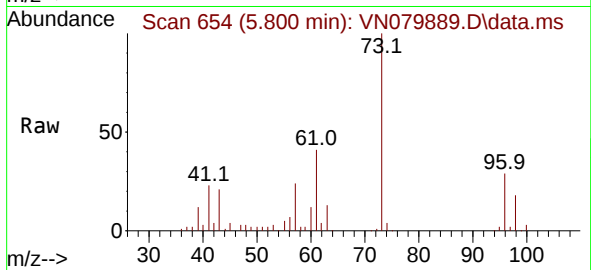
#19
Methyl tert-butyl Ether
Concen: 56.306 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 583909
Ion Ratio Lower Upper
73 100
57 23.6 15.6 23.4

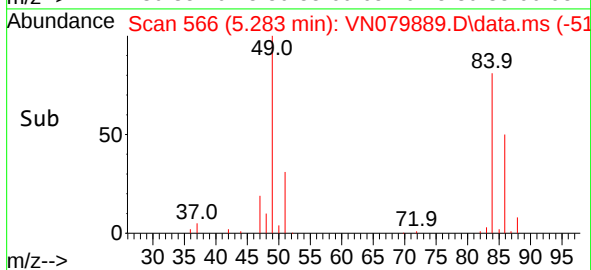
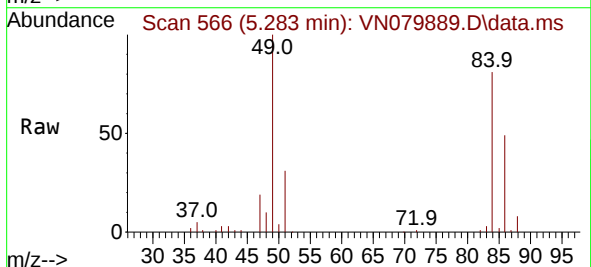
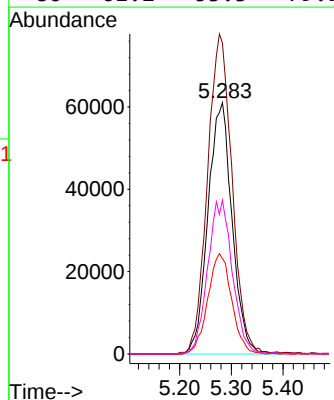
Manual Integrations
APPROVED

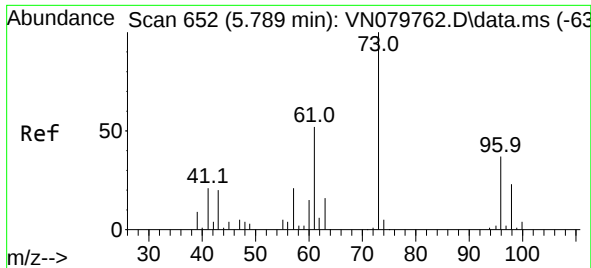
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#20
Methylene Chloride
Concen: 52.283 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

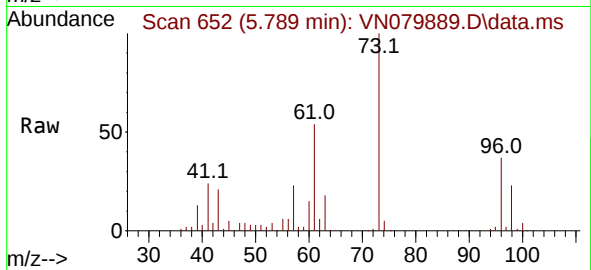
Tgt Ion: 84 Resp: 197565
Ion Ratio Lower Upper
84 100
49 123.2 79.7 119.5#
51 37.9 25.2 37.8#
86 61.2 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 53.246 ug/l
RT: 5.789 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

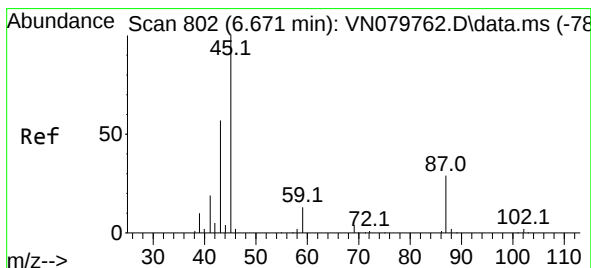
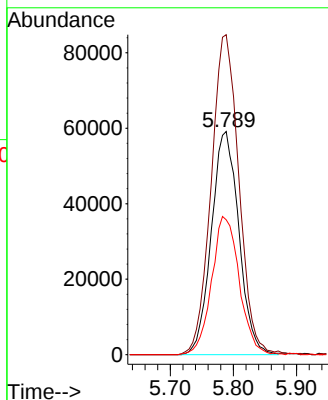
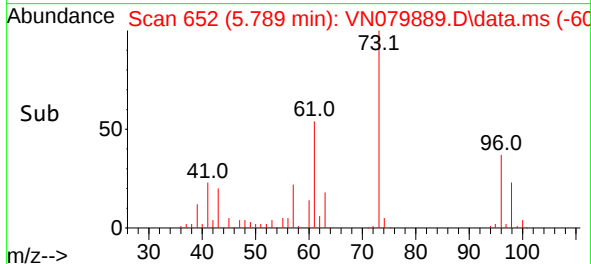
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 17887
Ion Ratio Lower Upper
96 100
61 143.4 90.1 135.1
98 60.5 46.4 69.6

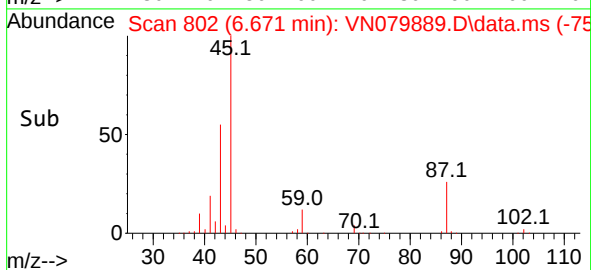
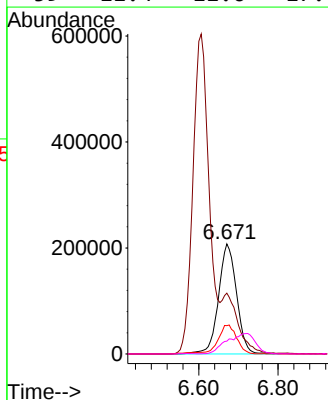
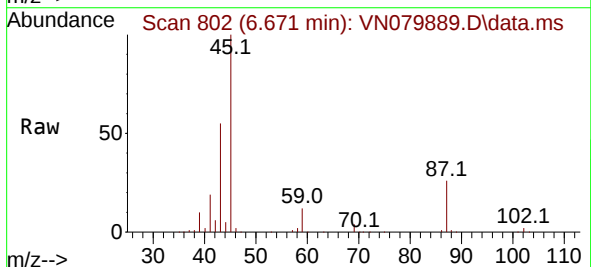
Manual Integrations
APPROVED

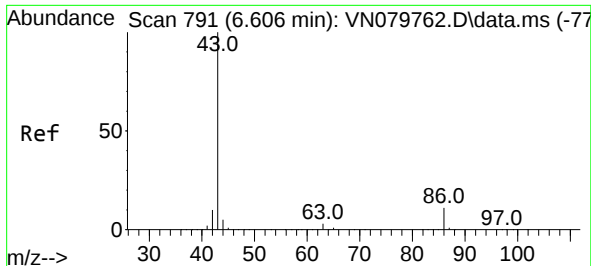
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#22
Diisopropyl ether
Concen: 61.417 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

Tgt Ion: 45 Resp: 656634
Ion Ratio Lower Upper
45 100
43 54.5 45.5 68.3
87 25.6 31.8 47.8#
59 11.4 11.6 17.4#





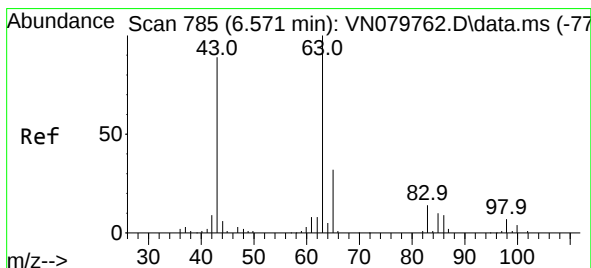
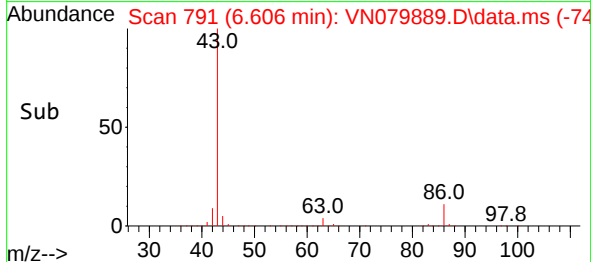
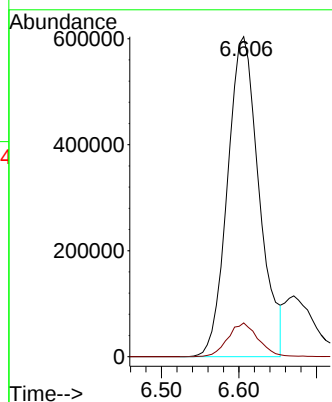
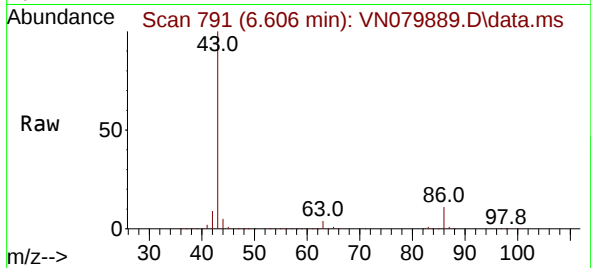
#23
 Vinyl Acetate
 Concen: 290.665 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079889.D
 Acq: 04 Nov 2023 13:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 171414
 Ion Ratio Lower Upper
 43 100
 86 10.5 13.0 19.6

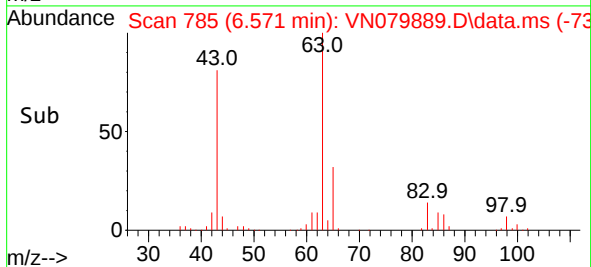
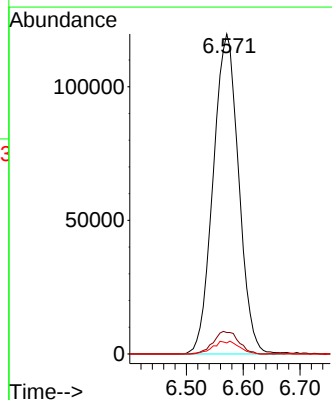
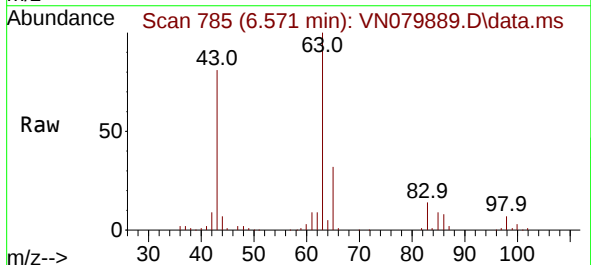
Manual Integrations
 APPROVED

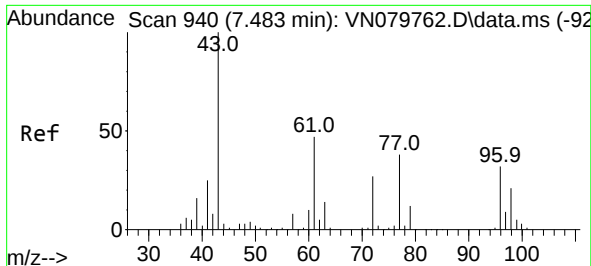
Reviewed By :John Carlone 11/06/2023
 Supervised By :Mahesh Dadoda 11/06/2023



#24
 1,1-Dichloroethane
 Concen: 57.461 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN079889.D
 Acq: 04 Nov 2023 13:19

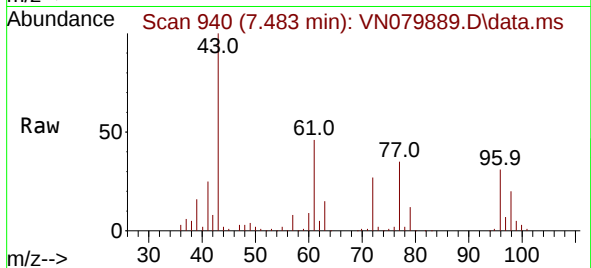
Tgt Ion: 63 Resp: 373394
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.7
 100 3.5 2.5 7.4





#25
2-Butanone
Concen: 304.495 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

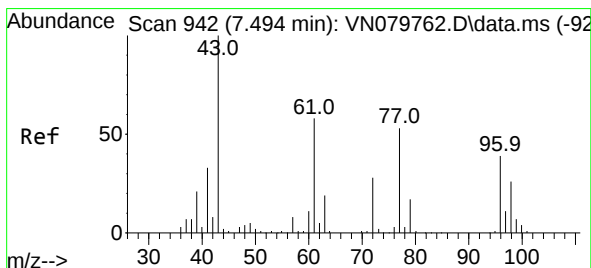
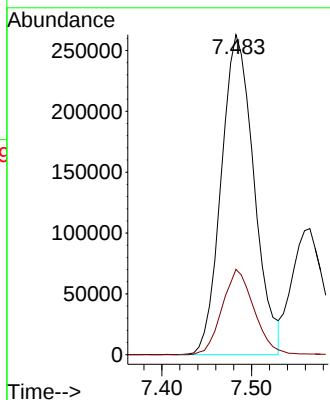
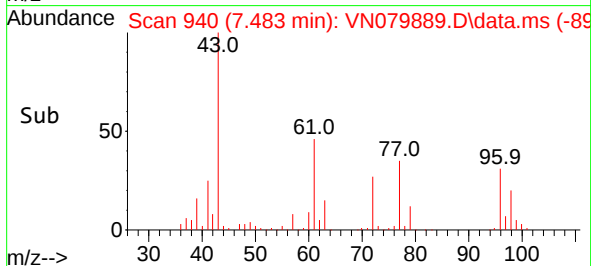
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



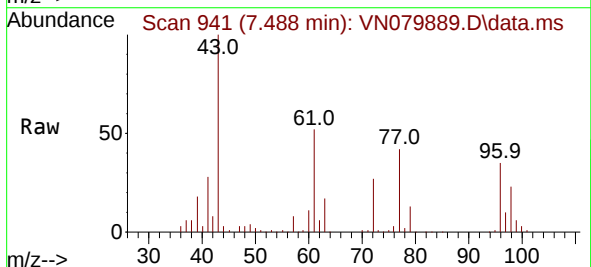
Tgt Ion: 43 Resp: 667740
Ion Ratio Lower Upper
43 100
72 26.6 30.2 45.2

Manual Integrations
APPROVED

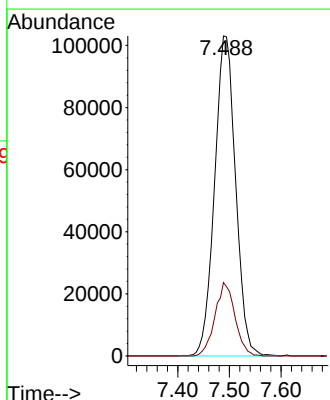
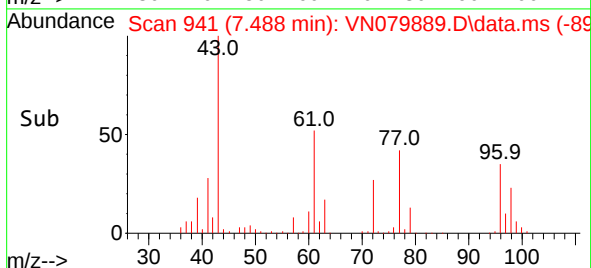
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

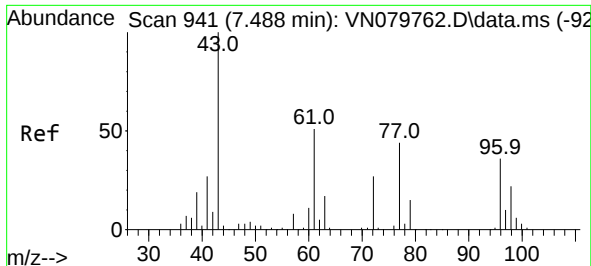


#26
2,2-Dichloropropane
Concen: 54.166 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19



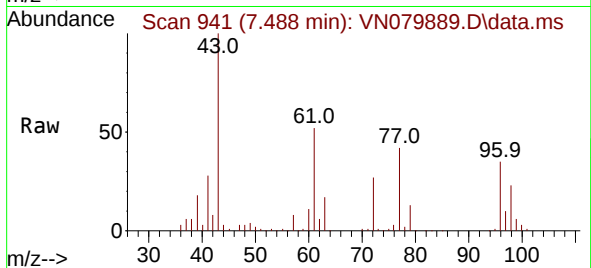
Tgt Ion: 77 Resp: 291099
Ion Ratio Lower Upper
77 100
97 21.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 55.028 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079889.D
 Acq: 04 Nov 2023 13:19

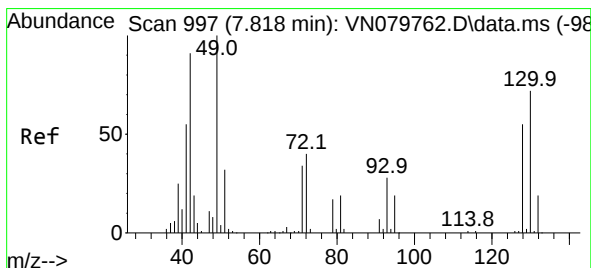
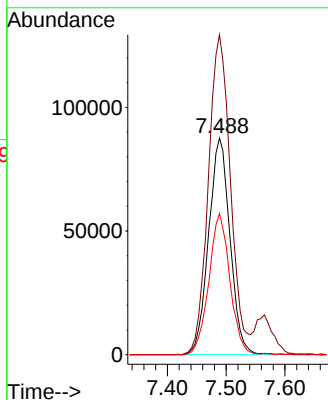
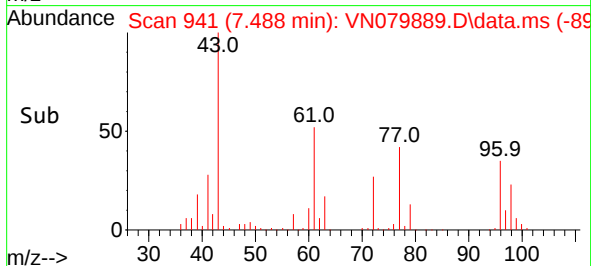
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 221128
 Ion Ratio Lower Upper
 96 100
 61 153.1 0.0 255.2
 98 64.0 0.0 128.8

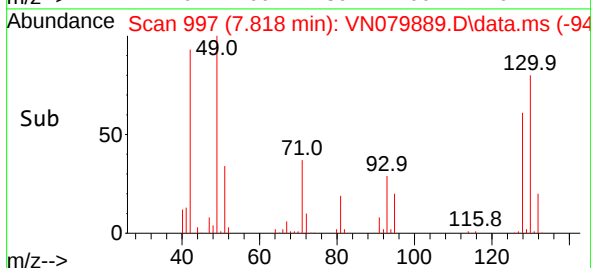
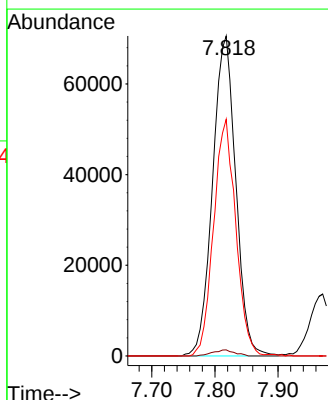
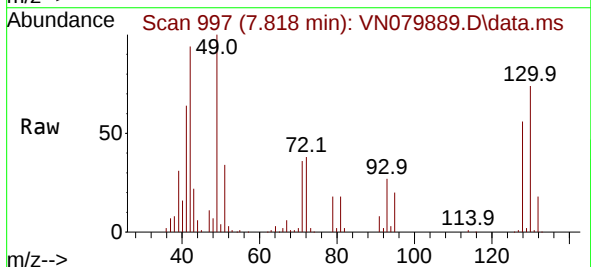
Manual Integrations
 APPROVED

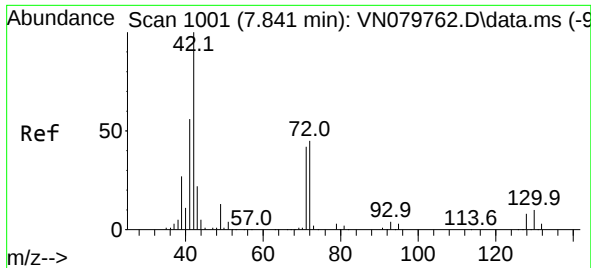
Reviewed By :John Carlone 11/06/2023
 Supervised By :Mahesh Dadoda 11/06/2023



#28
 Bromochloromethane
 Concen: 56.811 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN079889.D
 Acq: 04 Nov 2023 13:19

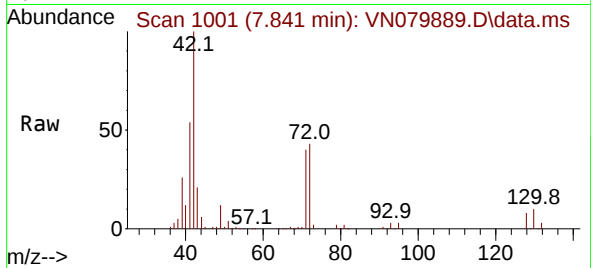
Tgt Ion: 49 Resp: 179910
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 71.0 75.3 112.9#





#29
Tetrahydrofuran
Concen: 291.467 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

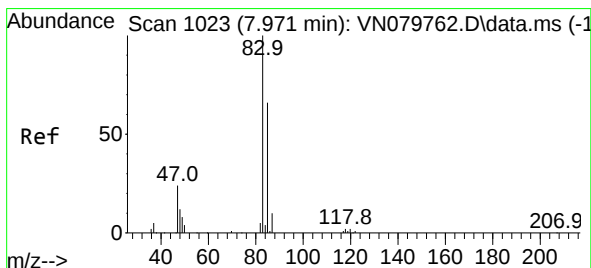
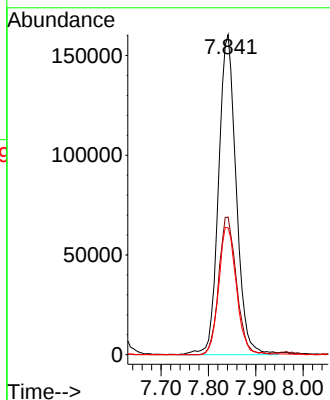
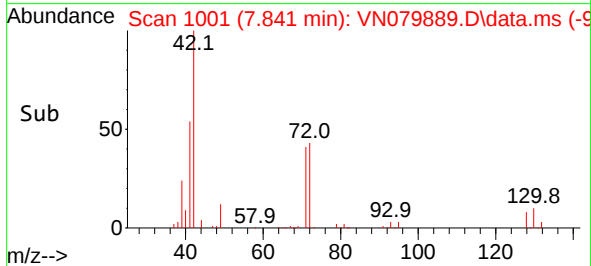
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



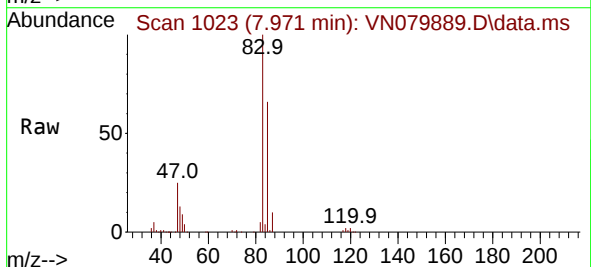
Tgt Ion: 42 Resp: 415850
Ion Ratio Lower Upper
42 100
72 43.1 49.8 74.6
71 40.0 47.4 71.2

Manual Integrations
APPROVED

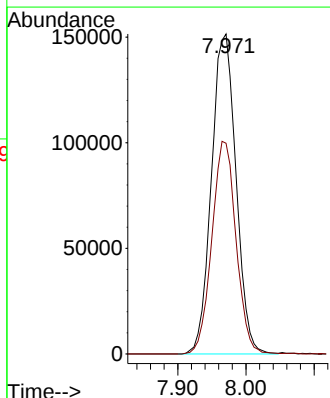
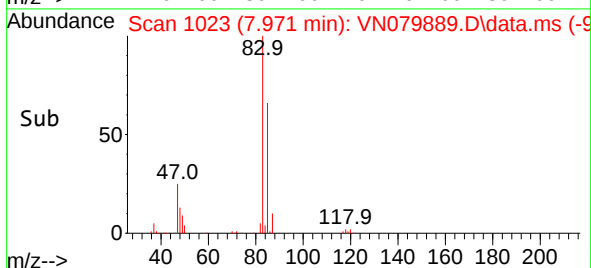
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

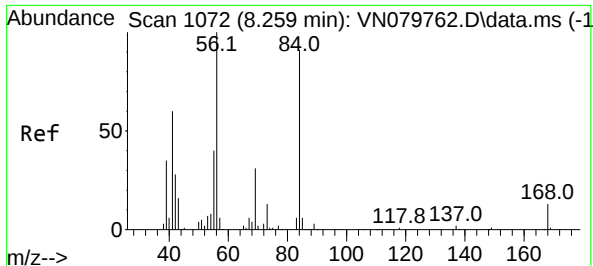


#30
Chloroform
Concen: 53.868 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19



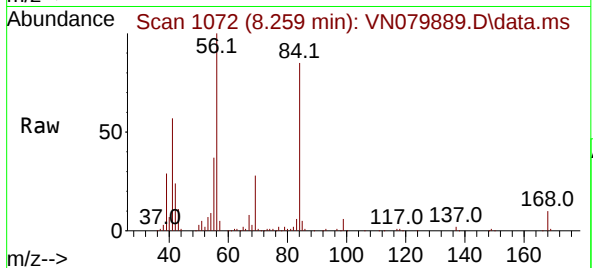
Tgt Ion: 83 Resp: 380235
Ion Ratio Lower Upper
83 100
85 65.9 55.4 83.0





#31
Cyclohexane
Concen: 52.850 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

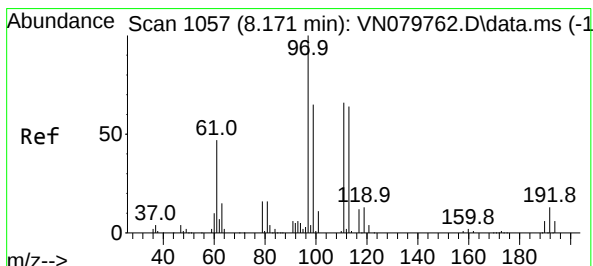
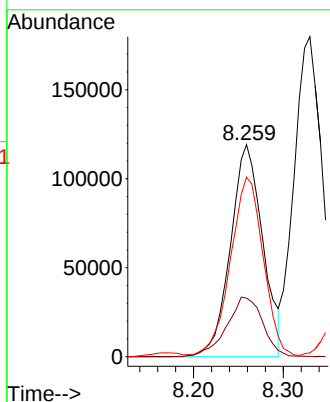
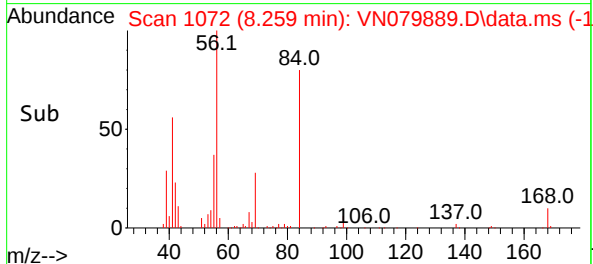
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



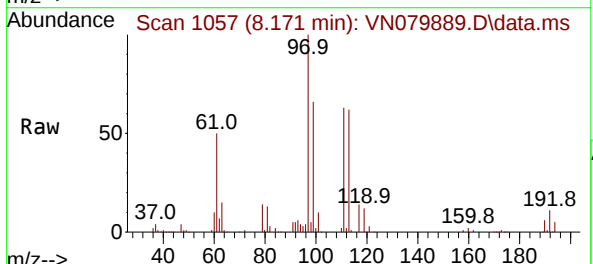
Tgt Ion: 56 Resp: 29774
Ion Ratio Lower Upper
56 100
69 27.4 26.8 40.2
84 83.0 81.8 122.6

Manual Integrations
APPROVED

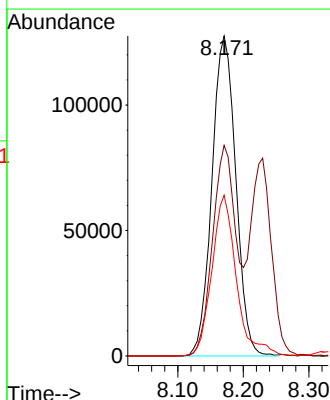
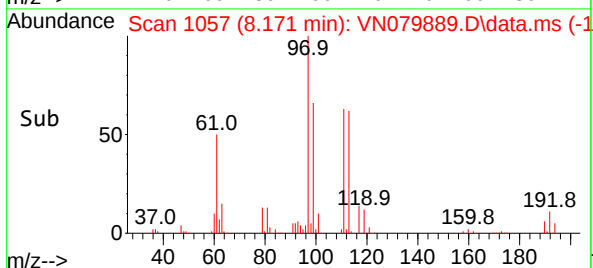
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

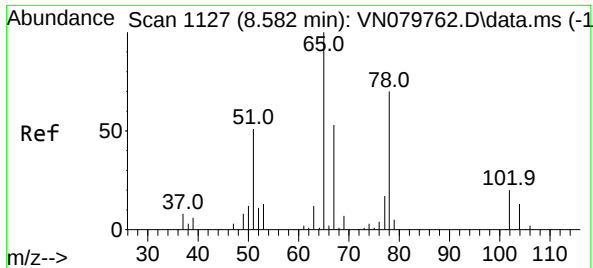


#32
1,1,1-Trichloroethane
Concen: 56.034 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19



Tgt Ion: 97 Resp: 322271
Ion Ratio Lower Upper
97 100
99 65.4 50.3 75.5
61 51.6 34.7 52.1





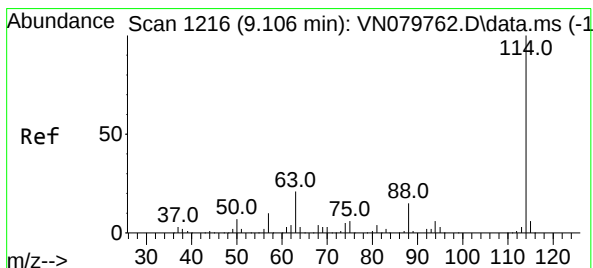
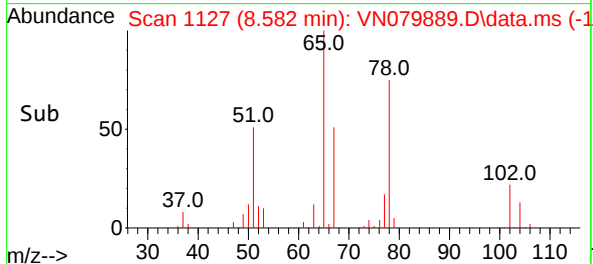
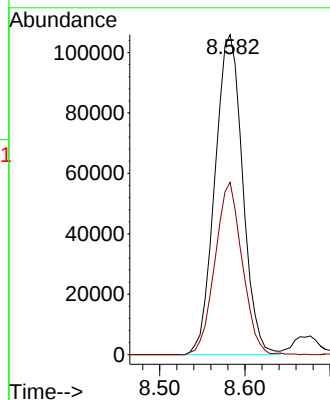
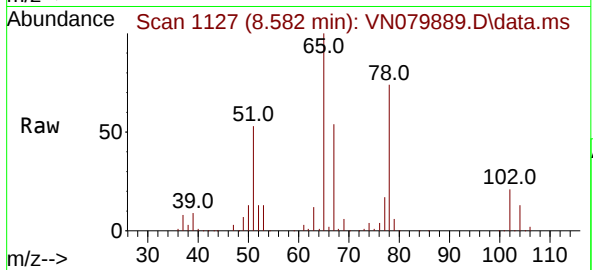
#33
1,2-Dichloroethane-d4
Concen: 56.296 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 240010
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.6

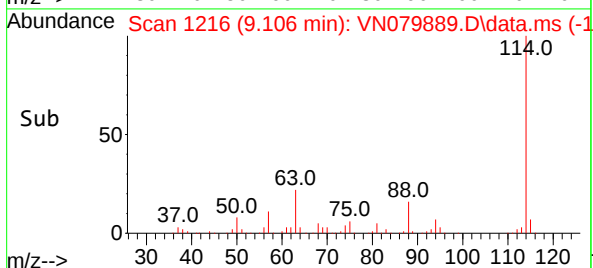
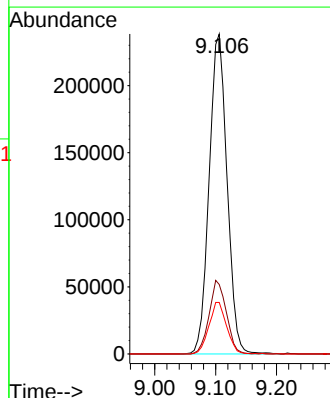
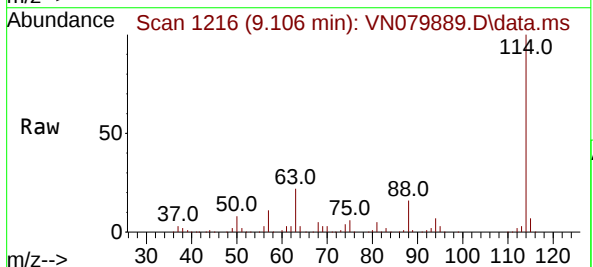
Manual Integrations
APPROVED

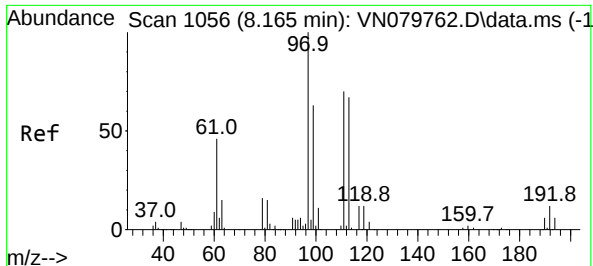
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

Tgt Ion:114 Resp: 486763
Ion Ratio Lower Upper
114 100
63 21.7 0.0 36.4
88 16.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.116 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN079889.D

Acq: 04 Nov 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 18643

Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

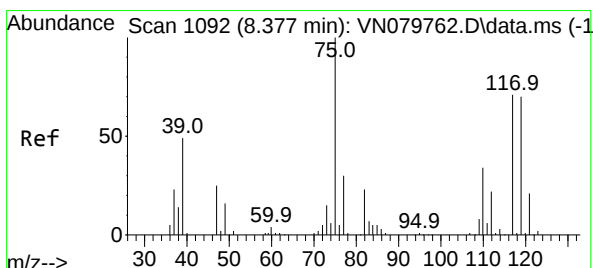
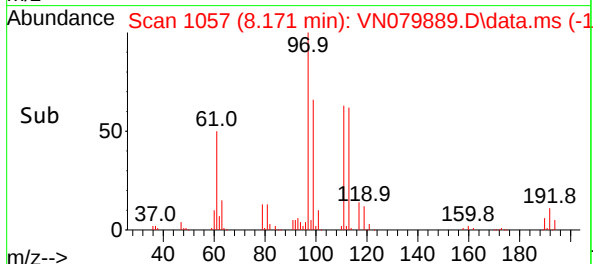
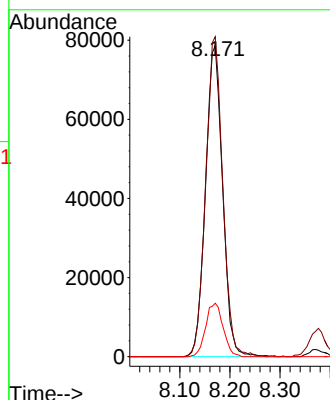
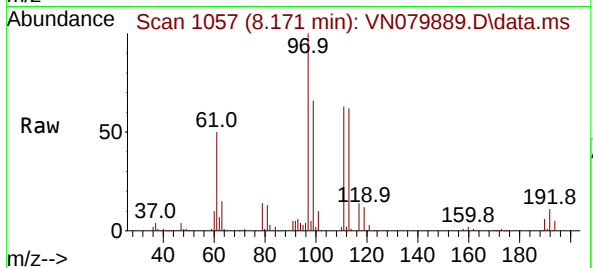
192 17.5 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#36

1,1-Dichloropropene

Concen: 56.573 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN079889.D

Acq: 04 Nov 2023 13:19

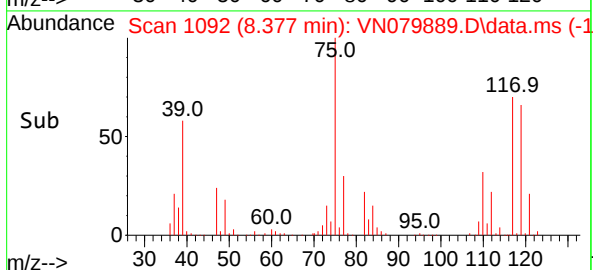
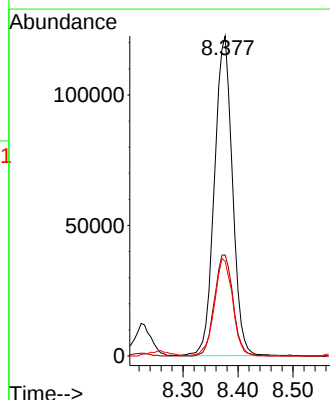
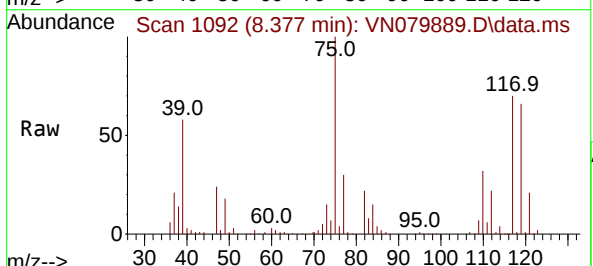
Tgt Ion: 75 Resp: 278286

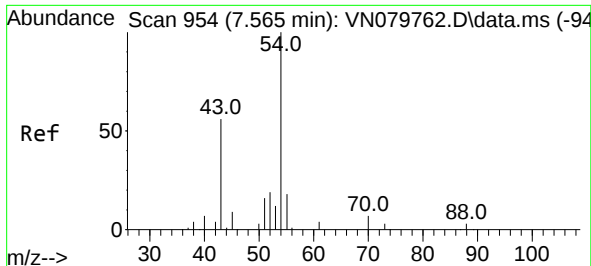
Ion Ratio Lower Upper

75 100

110 32.7 19.1 57.3

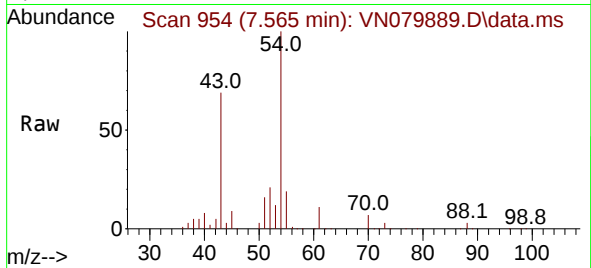
77 31.0 25.0 37.4





#37
Ethyl Acetate
Concen: 58.343 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

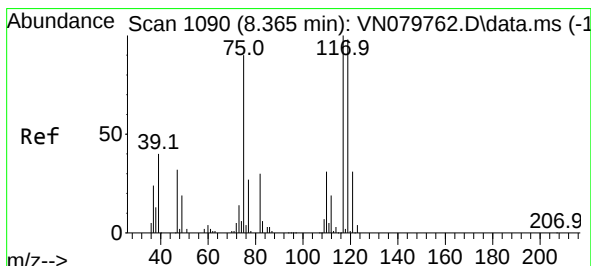
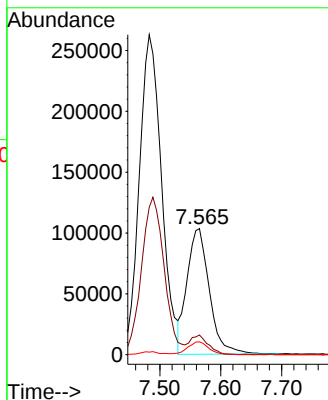
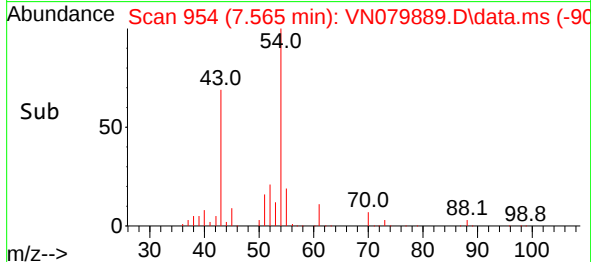
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 26320
Ion Ratio Lower Upper
43 100
61 12.5 13.2 19.8
70 9.7 11.3 16.9

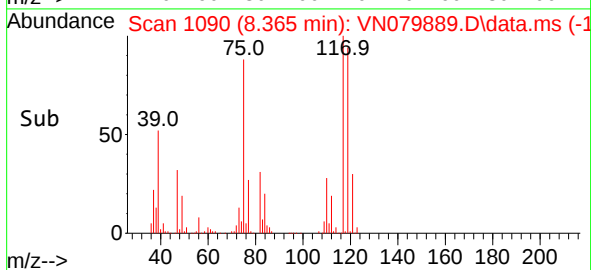
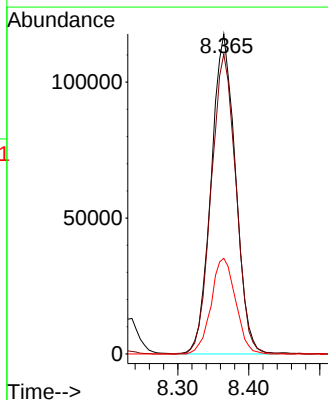
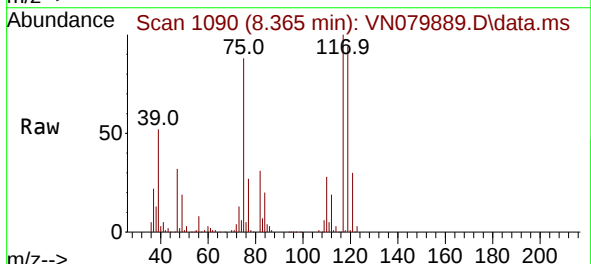
Manual Integrations
APPROVED

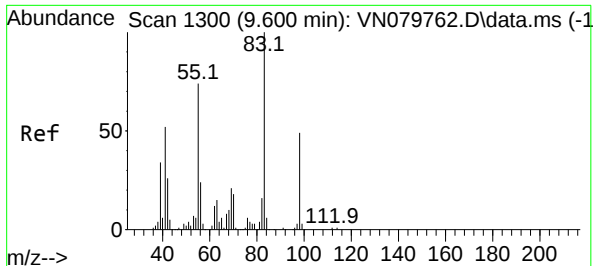
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#38
Carbon Tetrachloride
Concen: 56.439 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

Tgt Ion:117 Resp: 279796
Ion Ratio Lower Upper
117 100
119 93.5 77.3 115.9
121 29.9 23.3 34.9





#39

Methylcyclohexane

Concen: 56.087 ug/l

RT: 9.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN079889.D

Acq: 04 Nov 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 259644

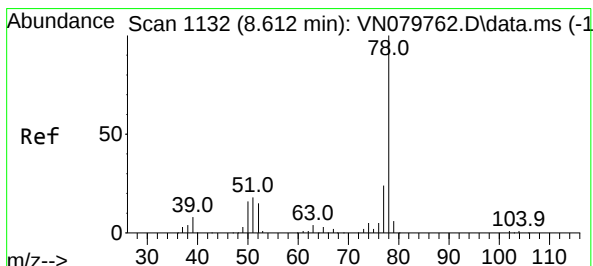
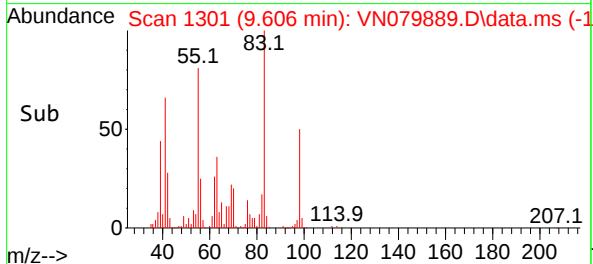
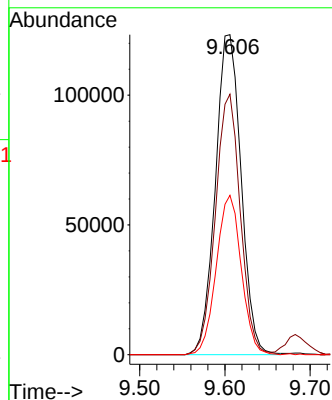
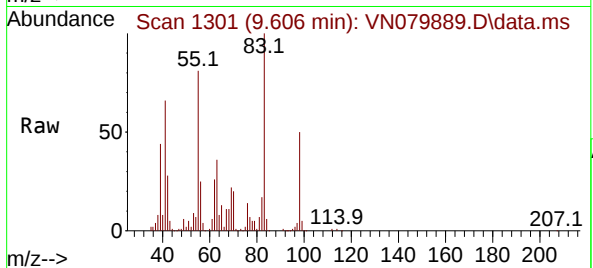
Ion	Ratio	Lower	Upper
83	100		
55	81.4	49.1	73.7
98	49.8	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#40

Benzene

Concen: 55.939 ug/l

RT: 8.606 min Scan# 1131

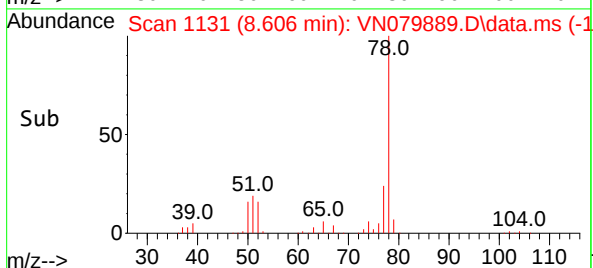
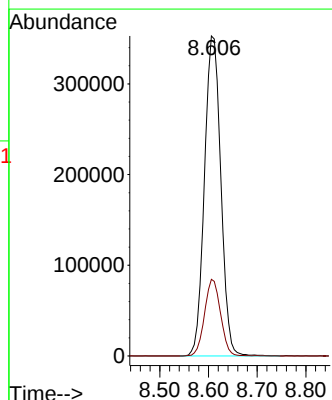
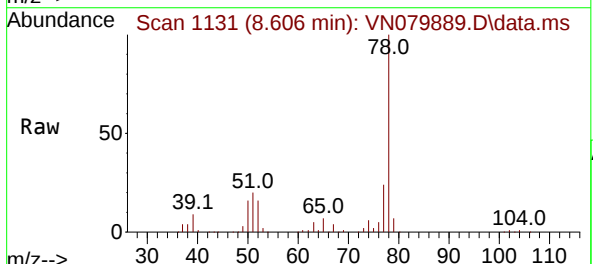
Delta R.T. -0.006 min

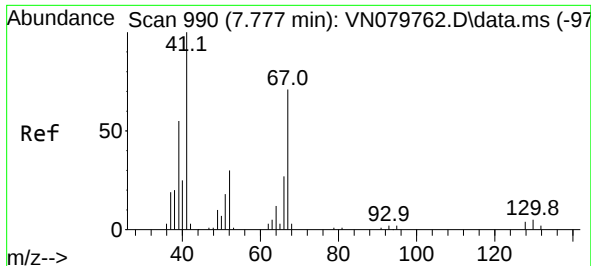
Lab File: VN079889.D

Acq: 04 Nov 2023 13:19

Tgt Ion: 78 Resp: 824161

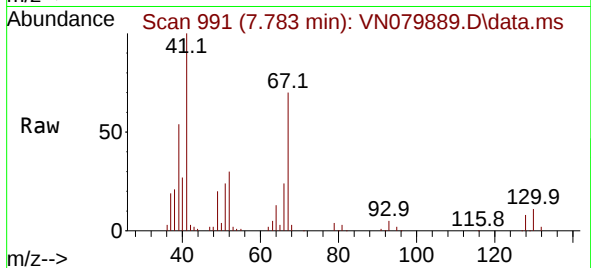
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.6





#41
Methacrylonitrile
Concen: 61.591 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

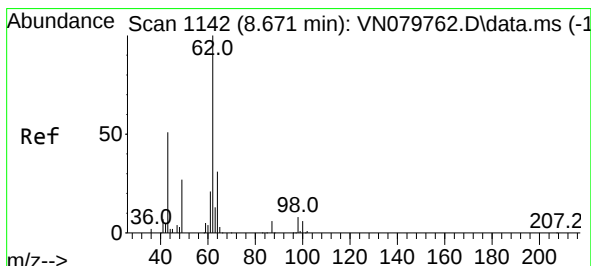
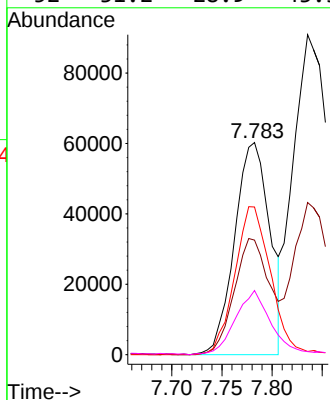
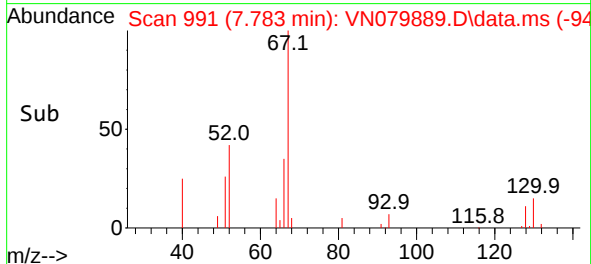
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 147550
Ion Ratio Lower Upper
41 100
39 54.7 42.6 64.0
67 71.4 77.5 116.3
52 31.2 28.9 43.3

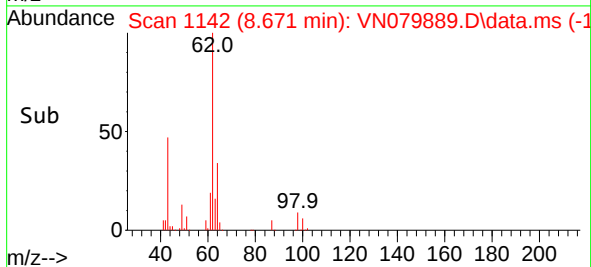
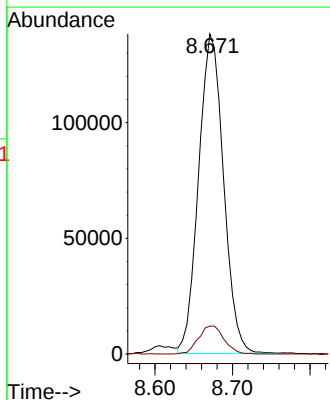
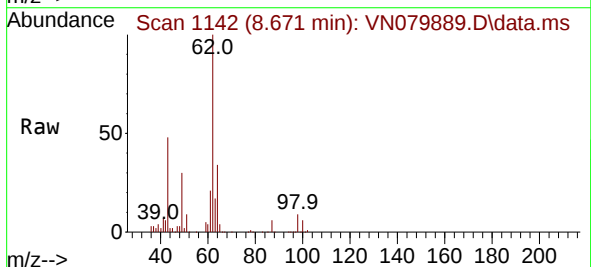
Manual Integrations
APPROVED

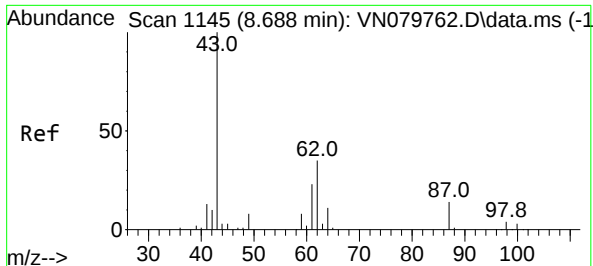
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#42
1,2-Dichloroethane
Concen: 60.001 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

Tgt Ion: 62 Resp: 308790
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.8





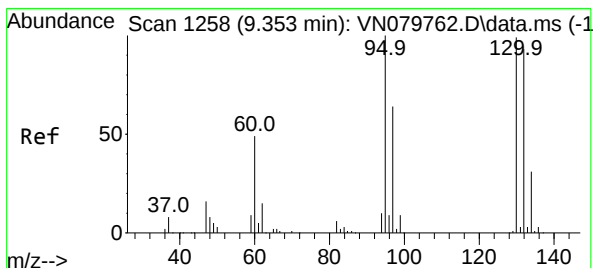
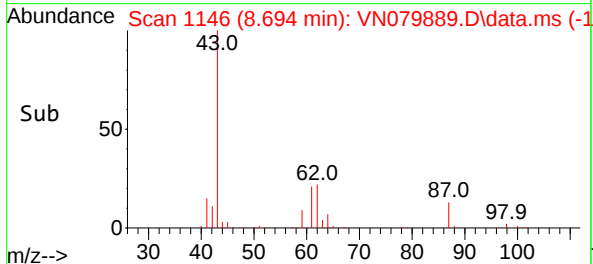
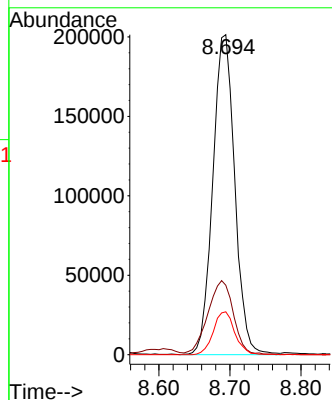
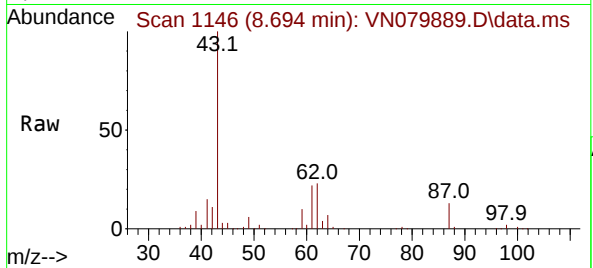
#43
Isopropyl Acetate
Concen: 54.614 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 43207
Ion Ratio Lower Upper
43 100
61 27.0 24.7 37.1
87 13.1 14.6 21.8

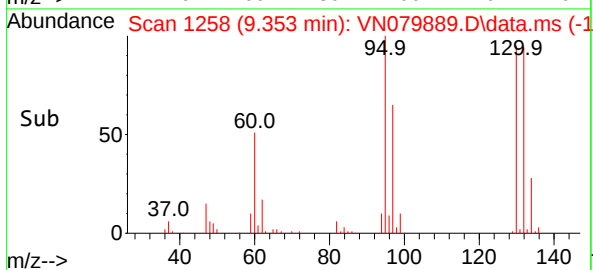
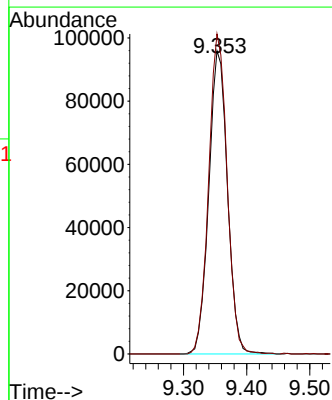
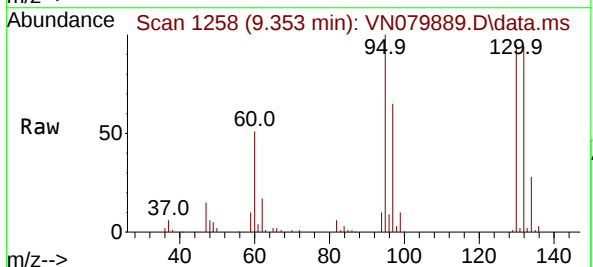
Manual Integrations
APPROVED

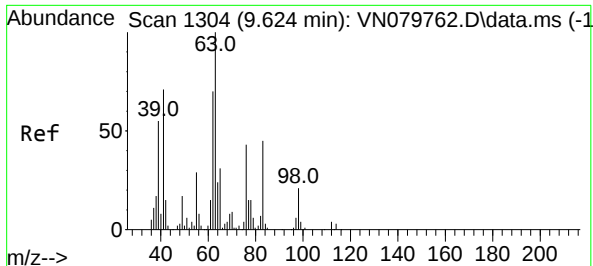
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#44
Trichloroethene
Concen: 53.914 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

Tgt Ion:130 Resp: 197108
Ion Ratio Lower Upper
130 100
95 105.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 60.307 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079889.D

Acq: 04 Nov 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 22706

Ion Ratio Lower Upper

63 100

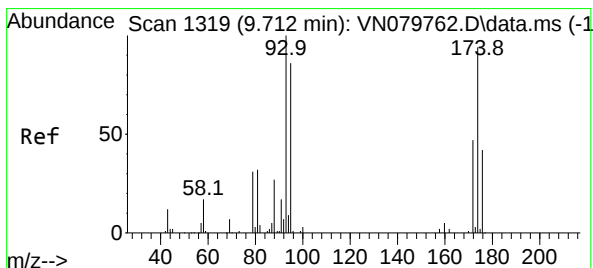
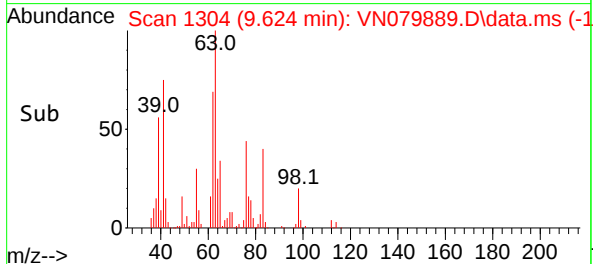
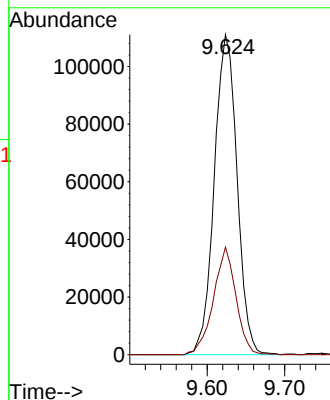
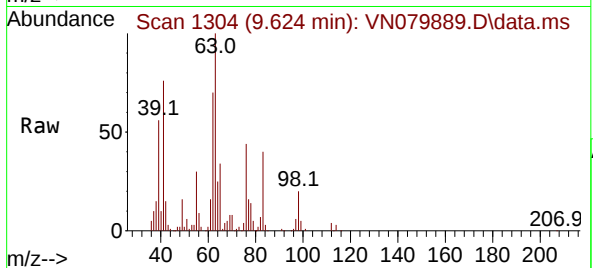
65 33.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#46

Dibromomethane

Concen: 57.961 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079889.D

Acq: 04 Nov 2023 13:19

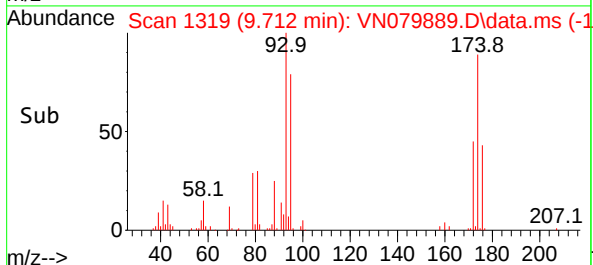
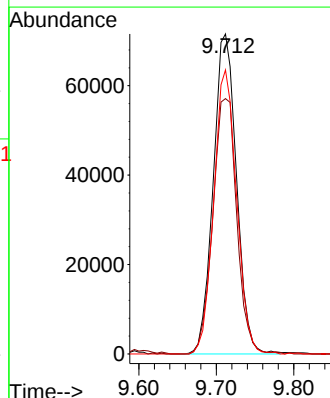
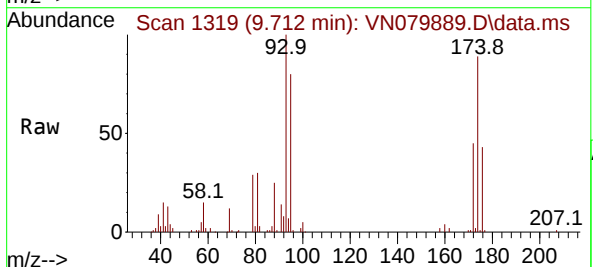
Tgt Ion: 93 Resp: 149013

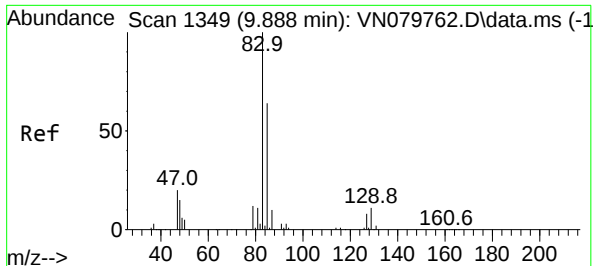
Ion Ratio Lower Upper

93 100

95 82.4 63.8 95.8

174 87.3 65.6 98.4





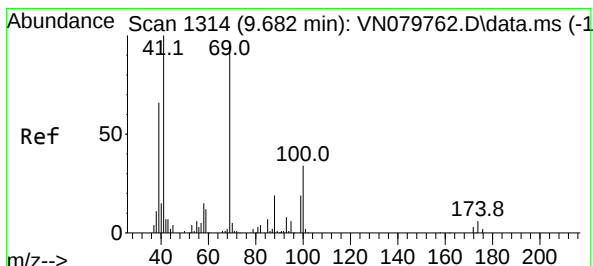
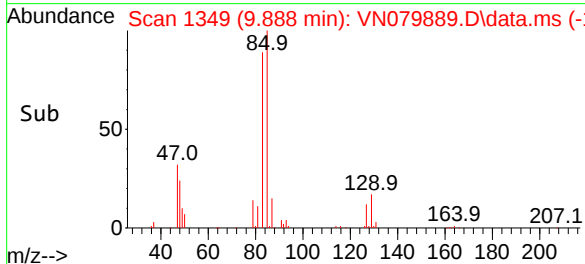
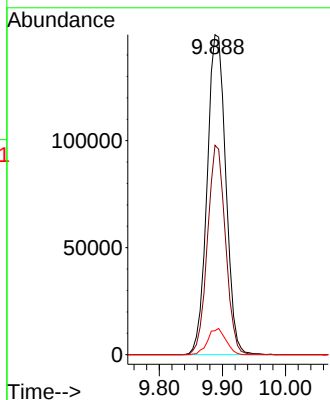
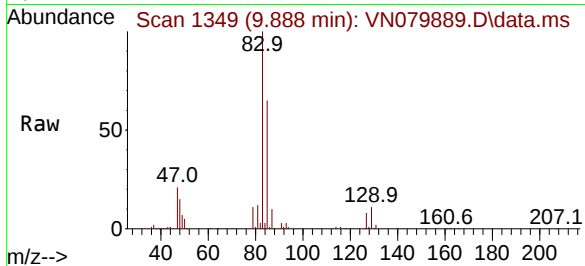
#47
Bromodichloromethane
Concen: 55.962 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 30683
Ion Ratio Lower Upper
83 100
85 65.5 49.6 74.4
127 7.5 7.0 10.6

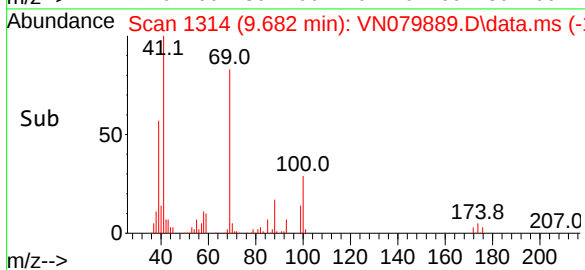
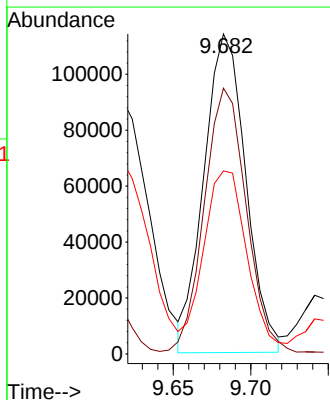
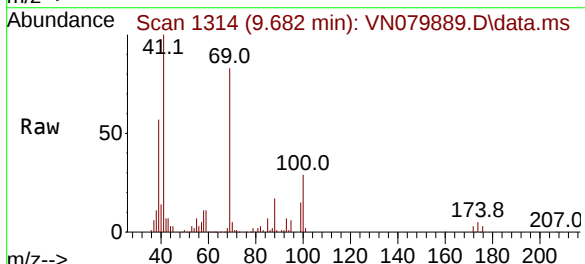
Manual Integrations
APPROVED

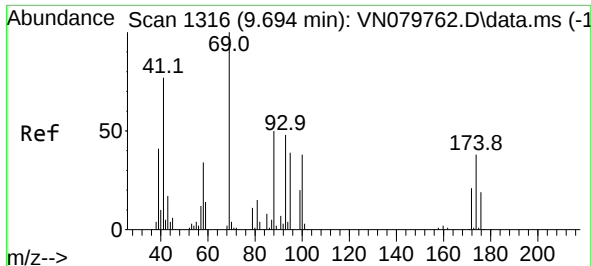
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#48
Methyl methacrylate
Concen: 61.763 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

Tgt Ion: 41 Resp: 214030
Ion Ratio Lower Upper
41 100
69 84.6 90.4 135.6#
39 61.0 54.6 81.8





#49

1,4-Dioxane

Concen: 1093.146 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN079889.D

Acq: 04 Nov 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 66930

Ion Ratio Lower Upper

88 100

43 29.1 17.0 25.6

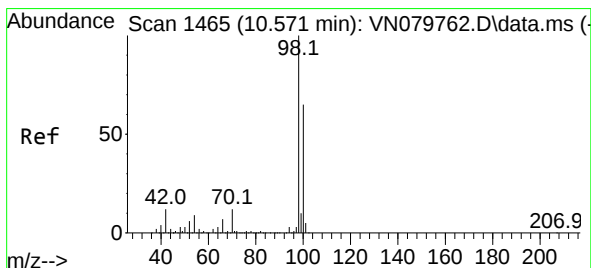
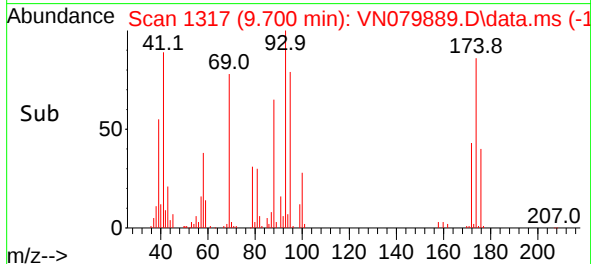
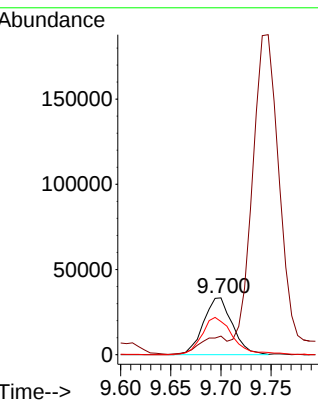
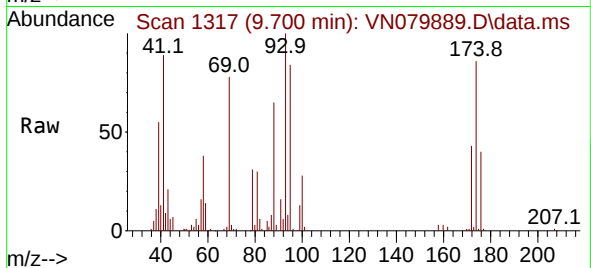
58 70.1 47.0 70.4

Manual Integrations

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Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#50

Toluene-d8

Concen: 53.887 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079889.D

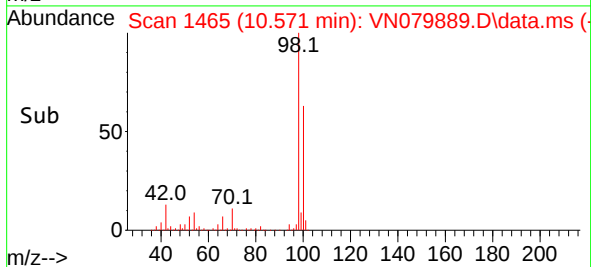
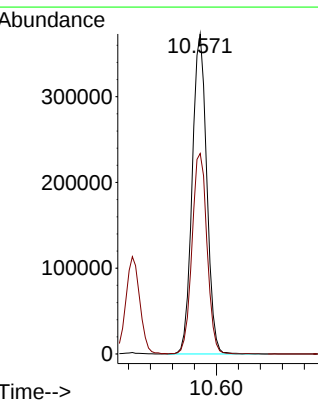
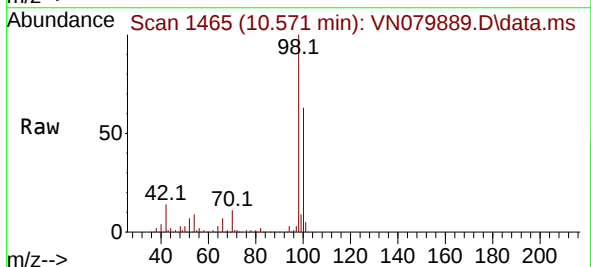
Acq: 04 Nov 2023 13:19

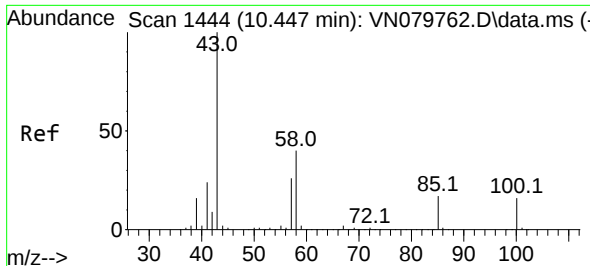
Tgt Ion: 98 Resp: 683431

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0





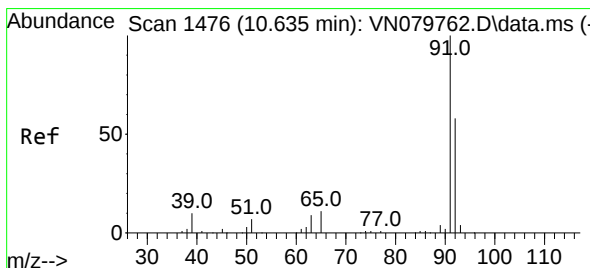
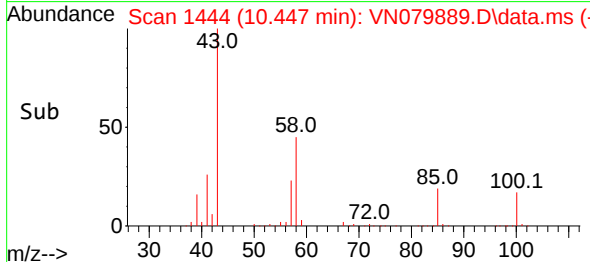
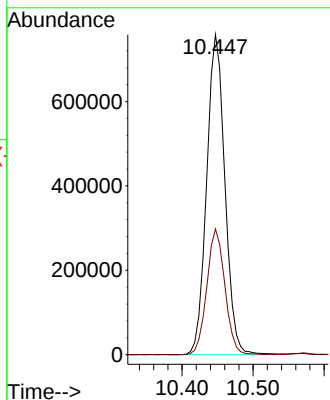
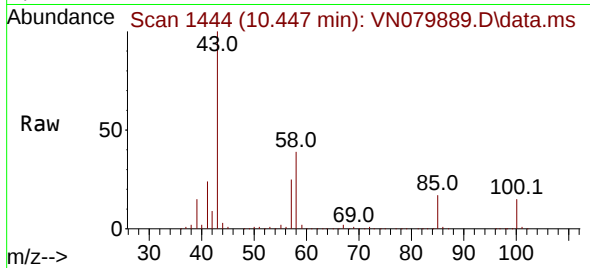
#51
4-Methyl-2-Pentanone
Concen: 304.389 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1355788
Ion Ratio Lower Upper
43 100
58 38.9 36.6 54.8

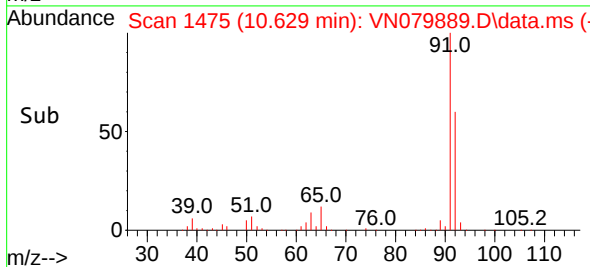
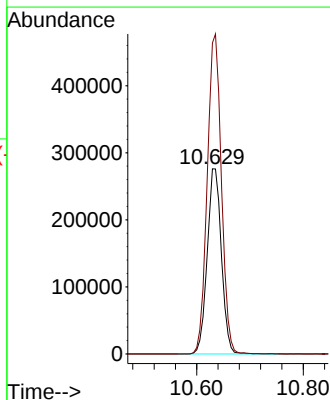
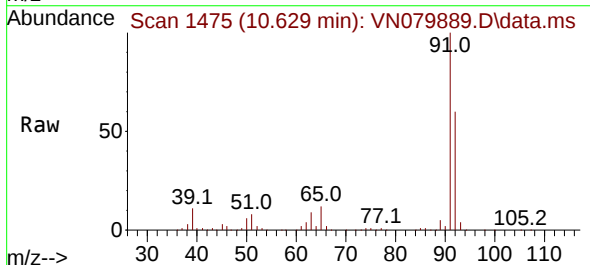
Manual Integrations
APPROVED

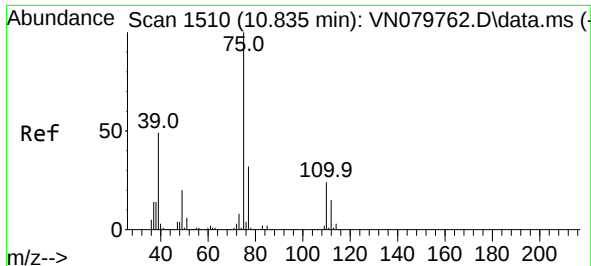
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#52
Toluene
Concen: 58.239 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

Tgt Ion: 92 Resp: 508686
Ion Ratio Lower Upper
92 100
91 172.7 137.4 206.0





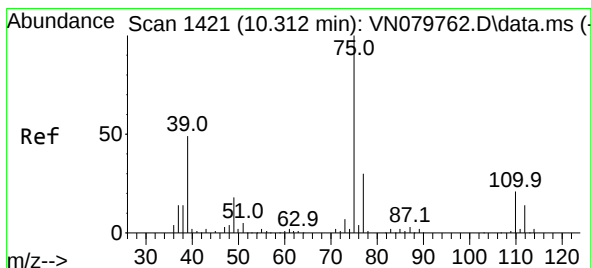
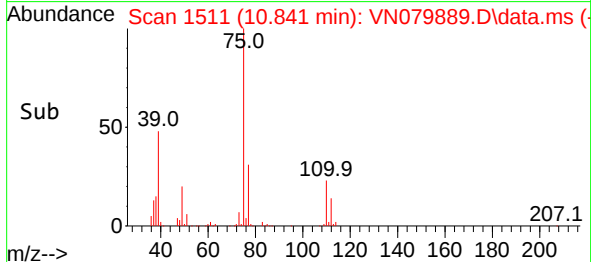
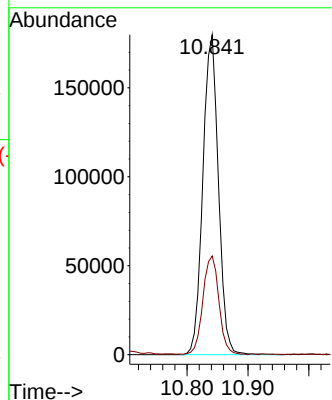
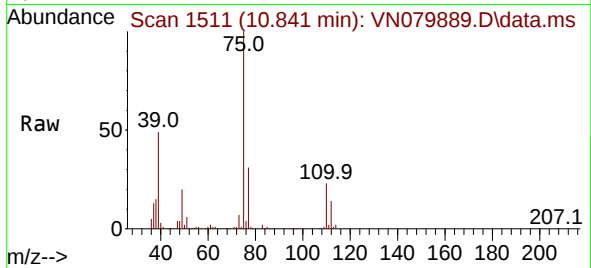
#53
t-1,3-Dichloropropene
Concen: 59.275 ug/l
RT: 10.841 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 31860
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0

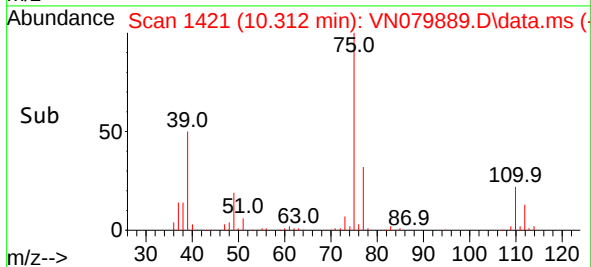
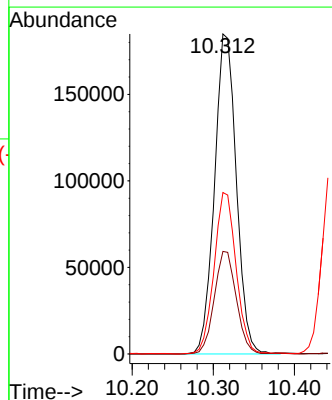
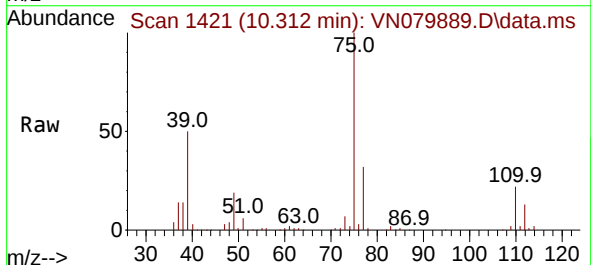
Manual Integrations
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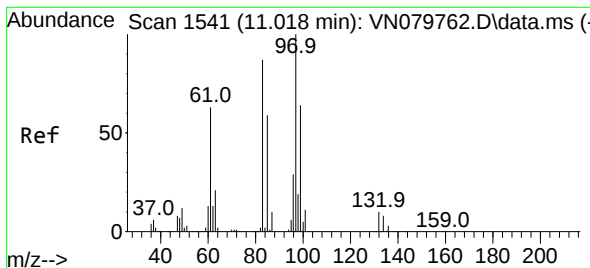
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#54
cis-1,3-Dichloropropene
Concen: 59.020 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

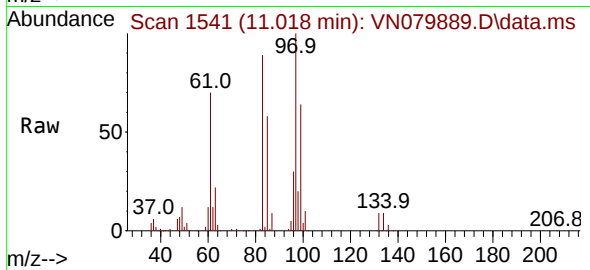
Tgt Ion: 75 Resp: 345779
Ion Ratio Lower Upper
75 100
77 32.0 26.1 39.1
39 50.5 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 56.917 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

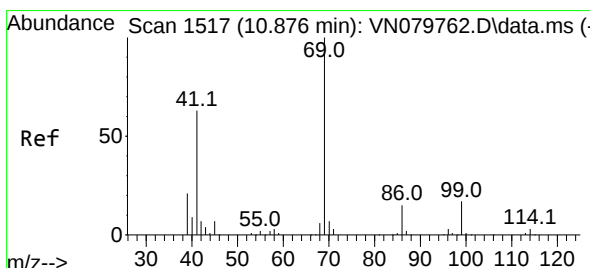
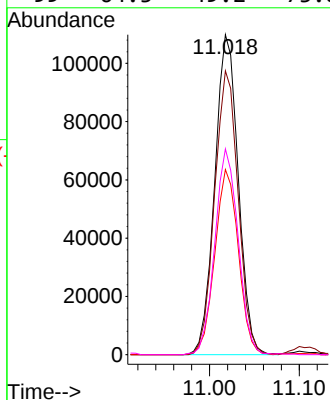
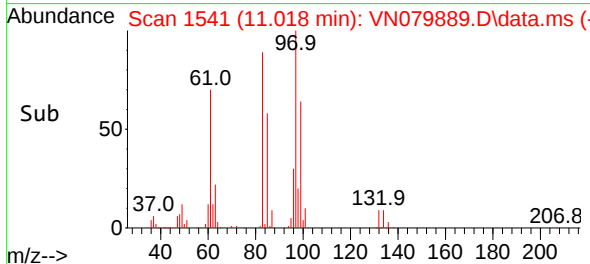
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 19995
Ion Ratio Lower Upper
97 100
83 88.7 65.1 97.7
85 57.8 43.4 65.2
99 64.3 49.2 73.8

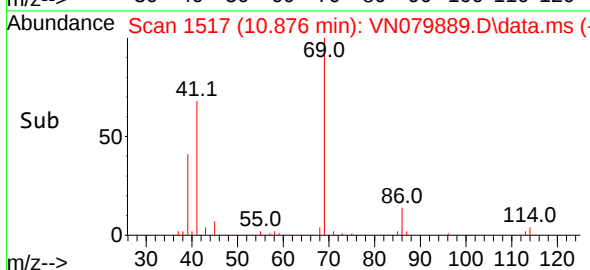
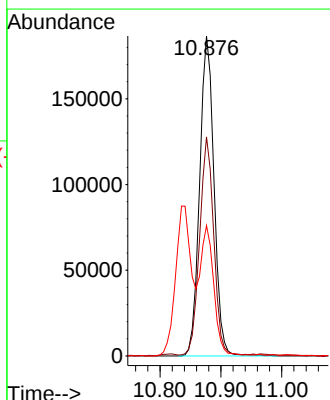
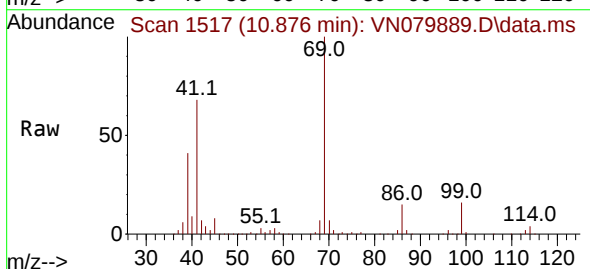
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#56
Ethyl methacrylate
Concen: 61.082 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

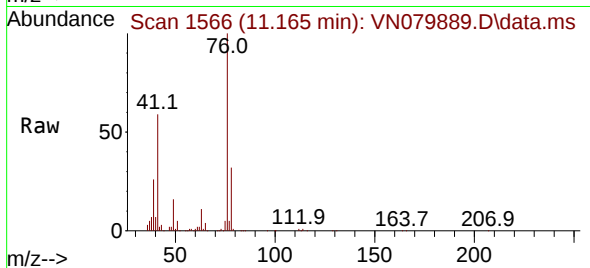
Tgt Ion: 69 Resp: 306090
Ion Ratio Lower Upper
69 100
41 66.6 39.6 59.4#
39 37.6 28.6 43.0





#57
1,3-Dichloropropane
Concen: 58.581 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

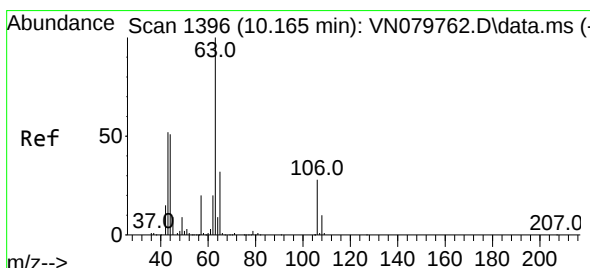
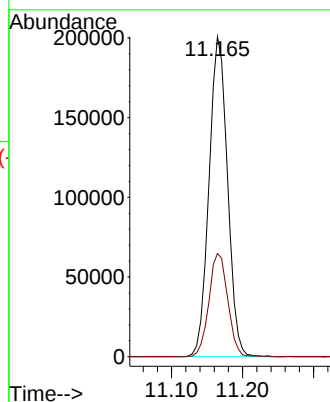
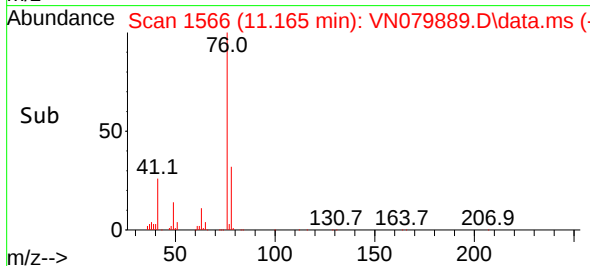
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 362764
Ion Ratio Lower Upper
76 100
78 33.0 26.1 39.1

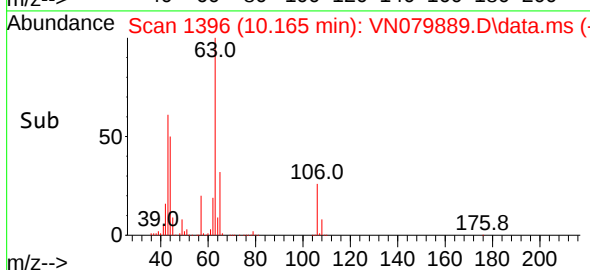
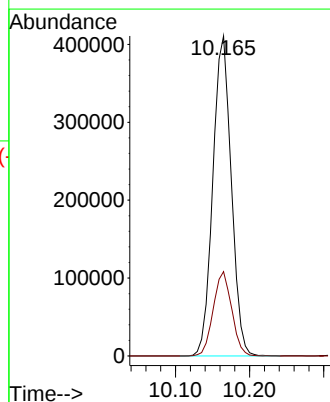
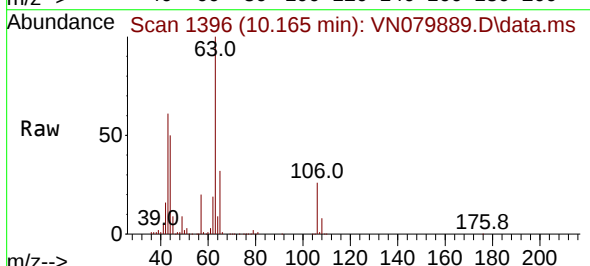
Manual Integrations
APPROVED

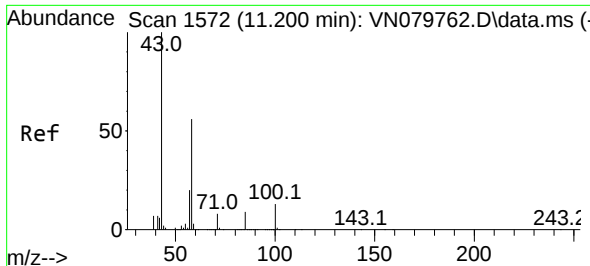
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#58
2-Chloroethyl Vinyl ether
Concen: 279.215 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

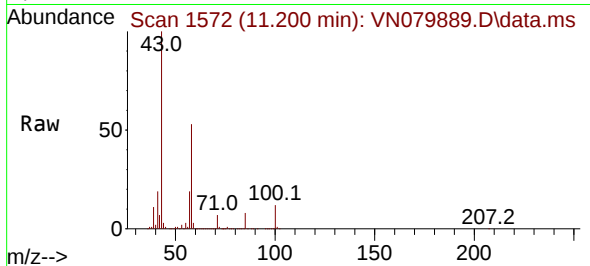
Tgt Ion: 63 Resp: 709161
Ion Ratio Lower Upper
63 100
106 26.4 26.2 39.4





#59
2-Hexanone
Concen: 290.895 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

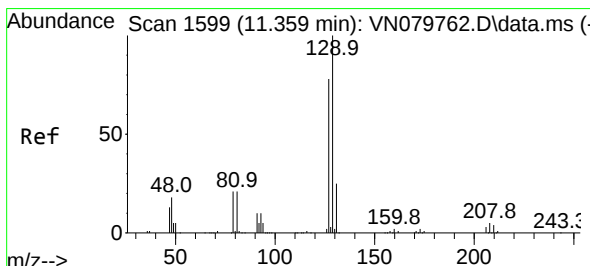
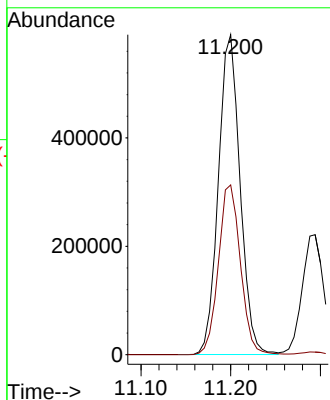
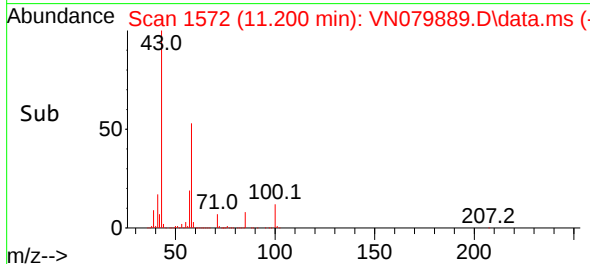
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



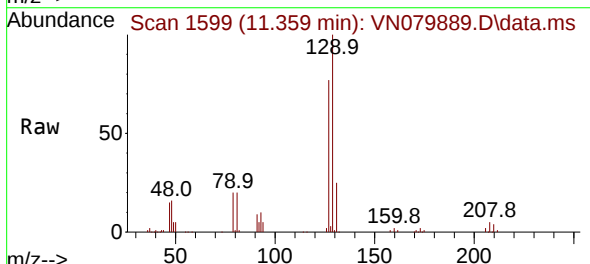
Tgt Ion: 43 Resp: 991197
Ion Ratio Lower Upper
43 100
58 53.9 31.7 95.1

Manual Integrations
APPROVED

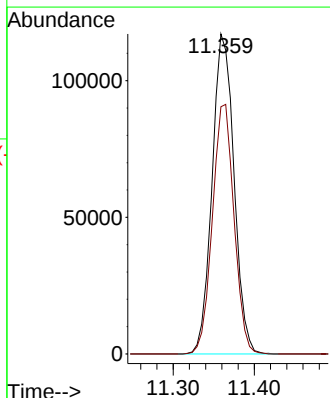
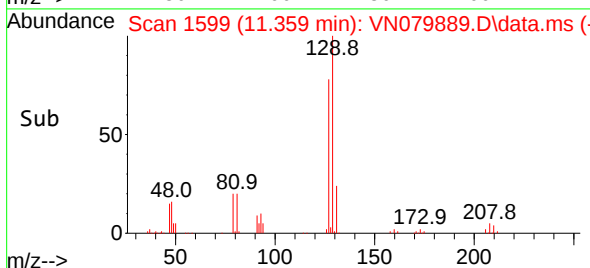
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#60
Dibromochloromethane
Concen: 58.377 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19



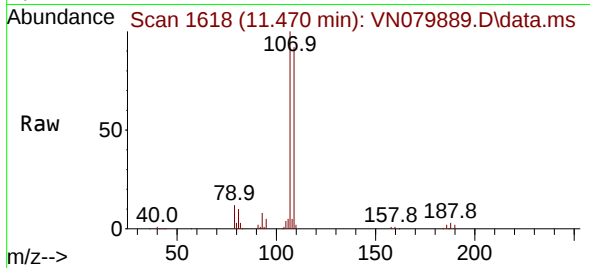
Tgt Ion:129 Resp: 219528
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 57.349 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

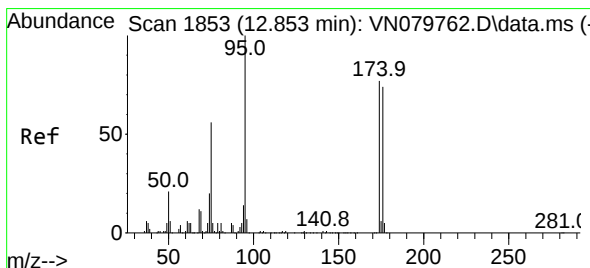
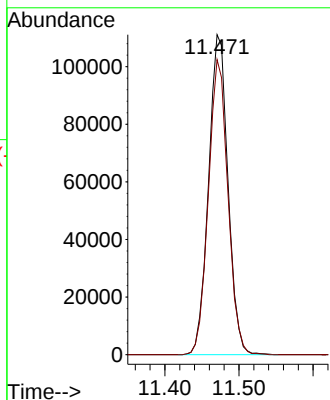
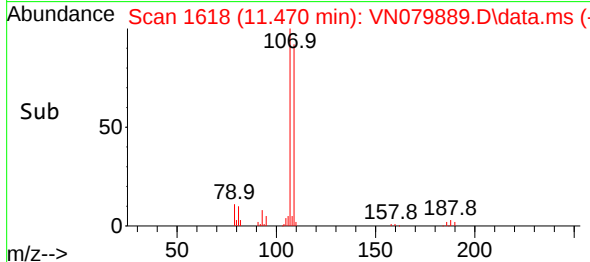
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



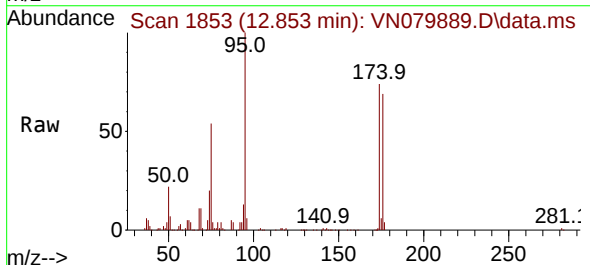
Tgt Ion:107 Resp: 202218
Ion Ratio Lower Upper
107 100
109 92.7 76.6 114.8

Manual Integrations
APPROVED

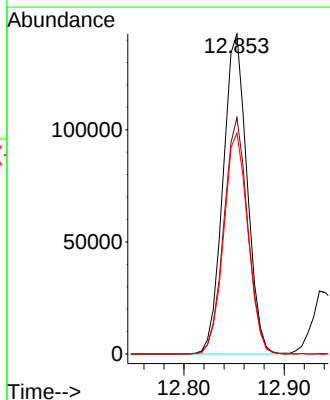
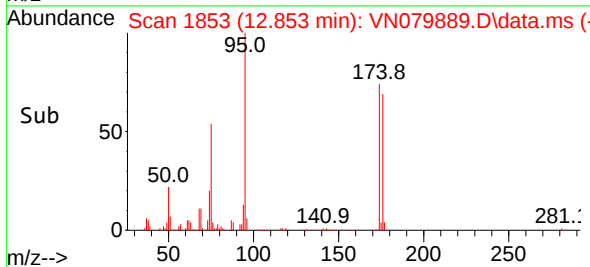
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

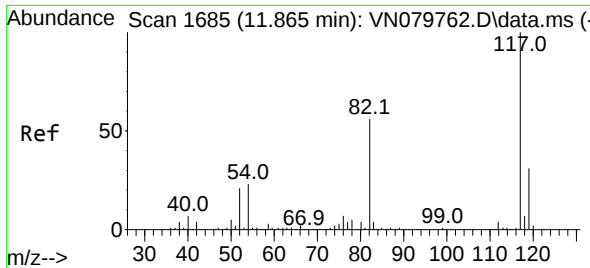


#62
4-Bromofluorobenzene
Concen: 56.423 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19



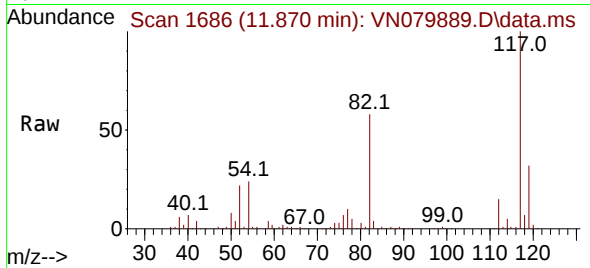
Tgt Ion: 95 Resp: 237328
Ion Ratio Lower Upper
95 100
174 73.8 0.0 143.8
176 69.8 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

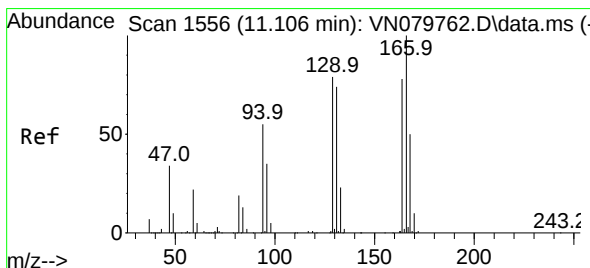
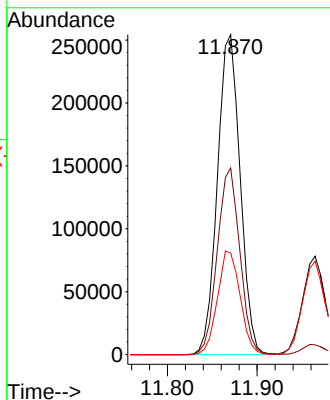
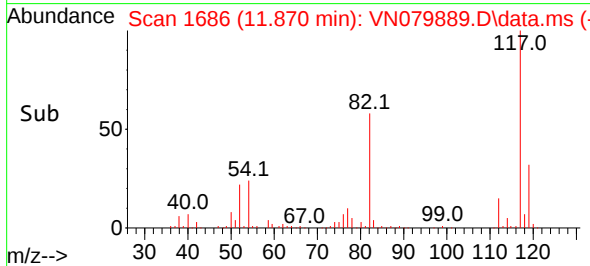
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 448472
Ion Ratio Lower Upper
117 100
82 58.4 44.0 66.0
119 31.8 25.6 38.4

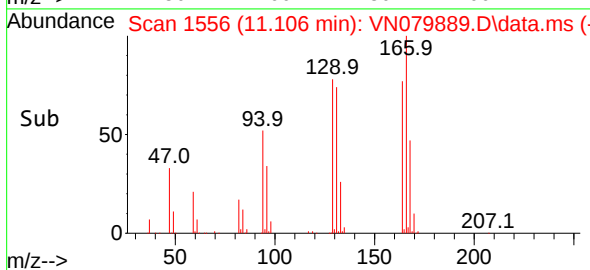
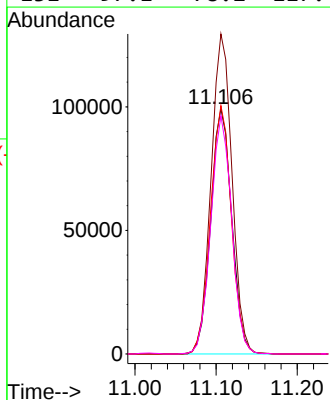
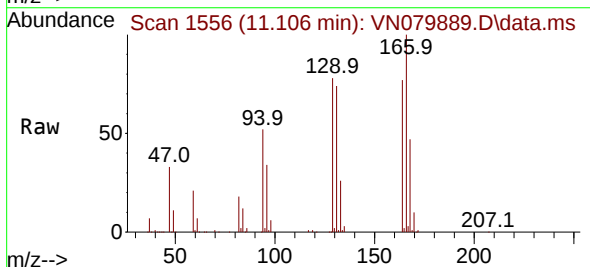
Manual Integrations
APPROVED

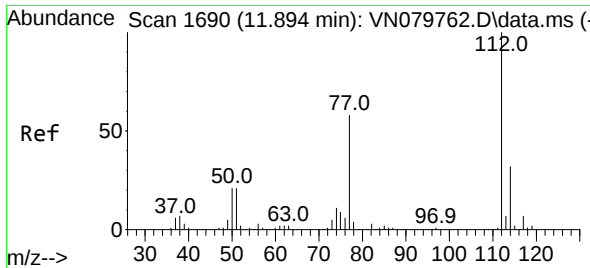
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#64
Tetrachloroethene
Concen: 61.599 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

Tgt Ion:164 Resp: 178918
Ion Ratio Lower Upper
164 100
166 130.5 101.4 152.0
129 101.3 82.4 123.6
131 97.1 78.2 117.4





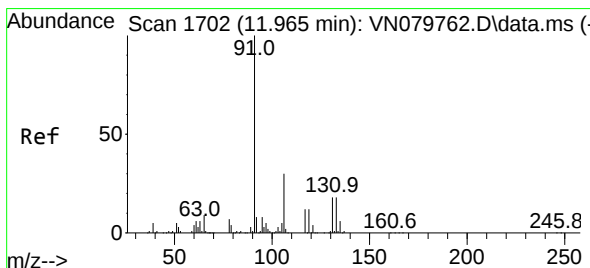
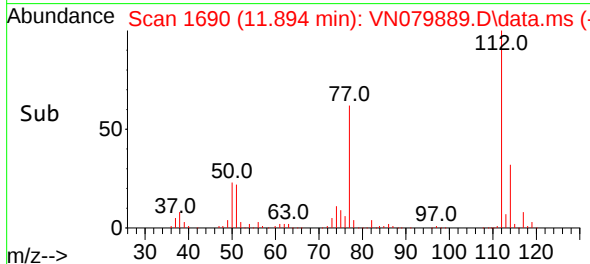
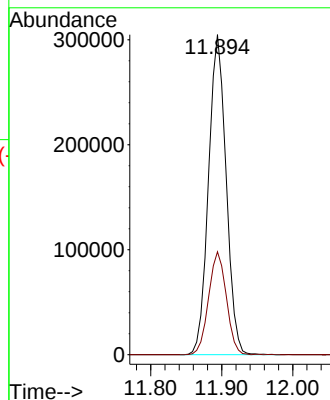
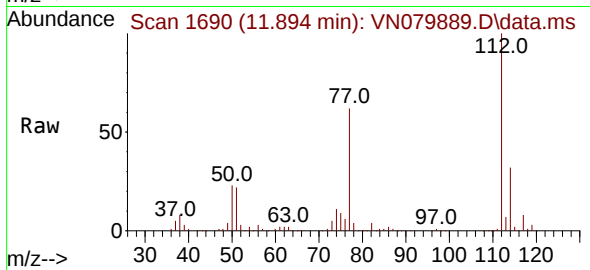
#65
Chlorobenzene
Concen: 53.990 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 52522
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4

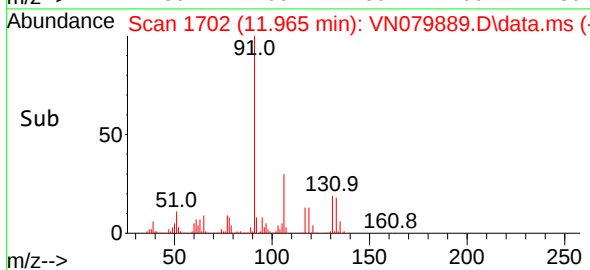
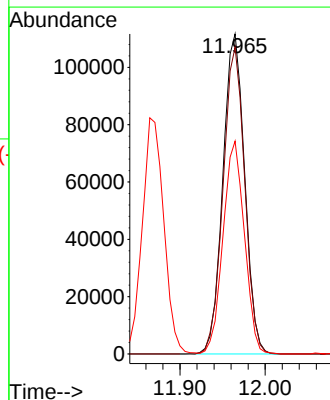
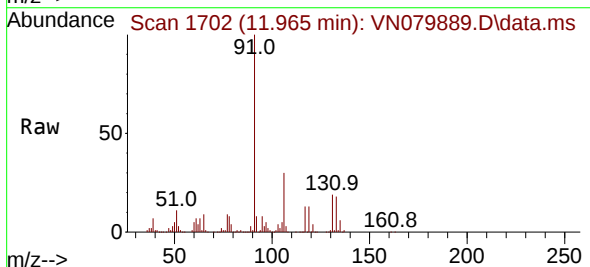
Manual Integrations
APPROVED

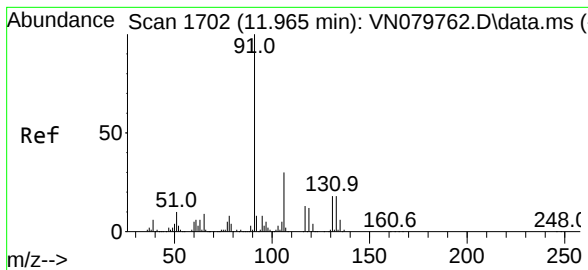
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 56.614 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

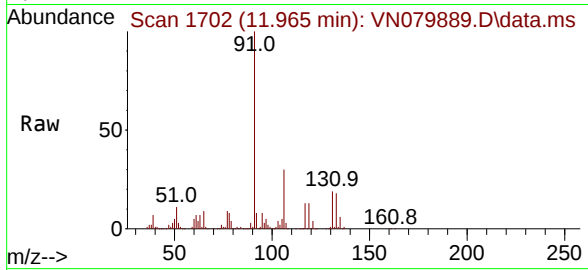
Tgt Ion:131 Resp: 198432
Ion Ratio Lower Upper
131 100
133 95.3 46.4 139.1
119 65.5 34.1 102.2





#67
Ethyl Benzene
Concen: 56.690 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

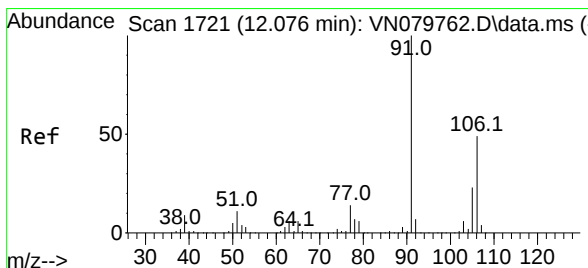
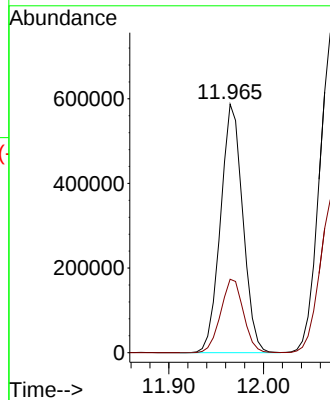
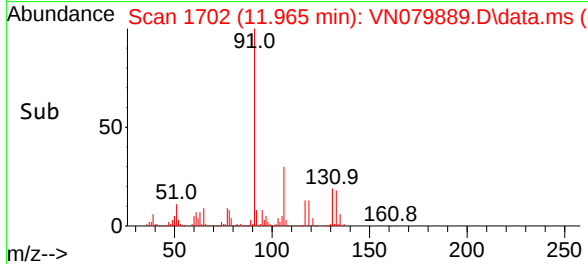
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 960840
Ion Ratio Lower Upper
91 100
106 29.6 25.6 38.4

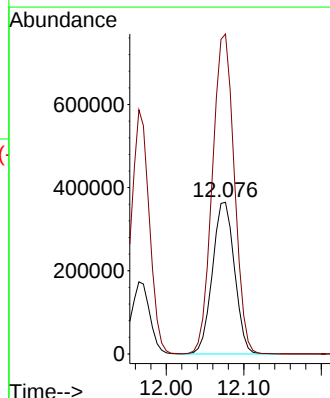
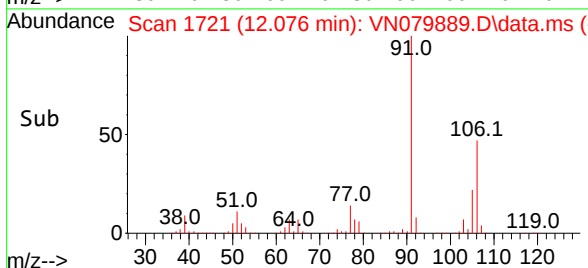
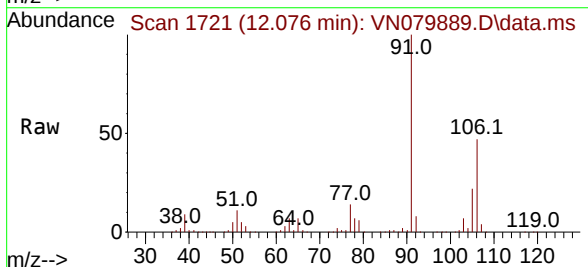
Manual Integrations
APPROVED

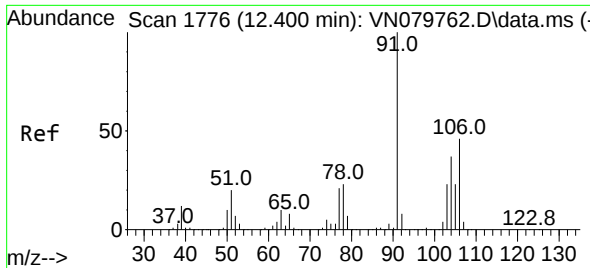
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#68
m/p-Xylenes
Concen: 114.414 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

Tgt Ion:106 Resp: 722384
Ion Ratio Lower Upper
106 100
91 209.4 159.6 239.4





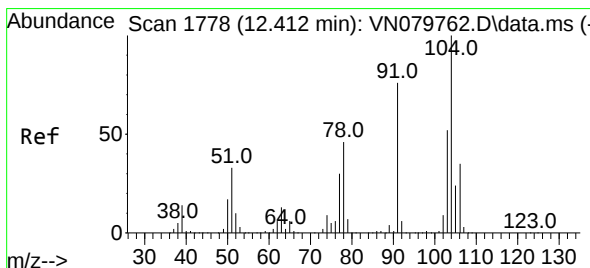
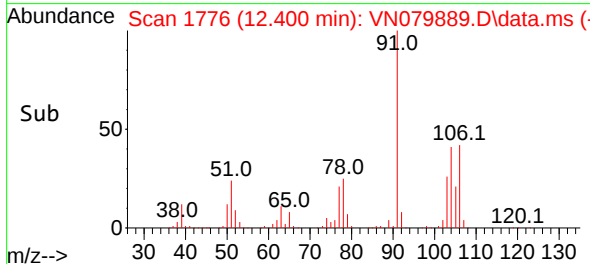
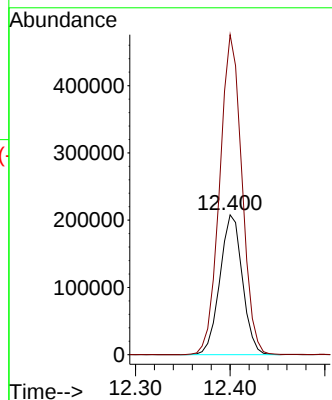
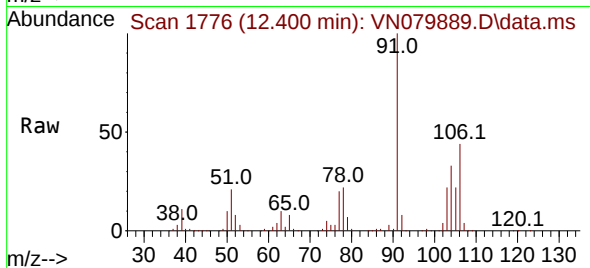
#69
o-Xylene
Concen: 56.477 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 34337
Ion Ratio Lower Upper
106 100
91 227.0 105.2 315.5

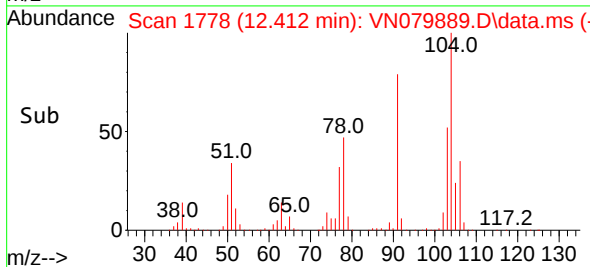
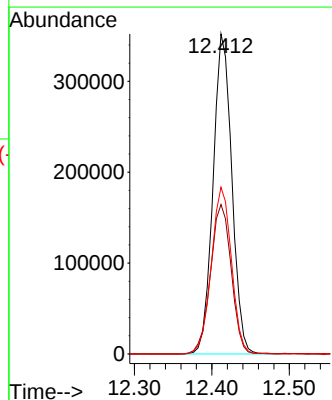
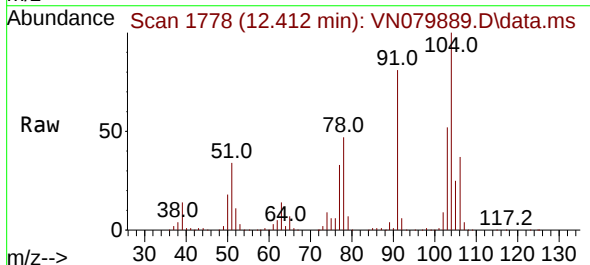
Manual Integrations
APPROVED

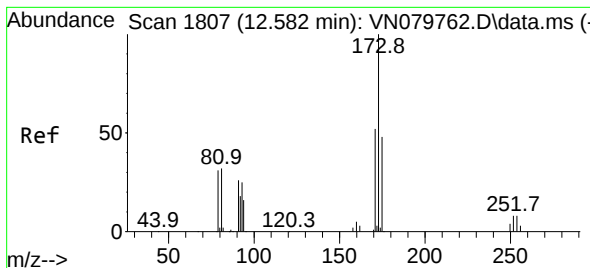
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#70
Styrene
Concen: 60.636 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

Tgt Ion:104 Resp: 592461
Ion Ratio Lower Upper
104 100
78 51.6 39.5 59.3
103 55.7 43.2 64.8





#71

Bromoform

Concen: 58.689 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079889.D

Acq: 04 Nov 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 146068

Ion Ratio Lower Upper

173 100

175 47.1 24.3 73.0

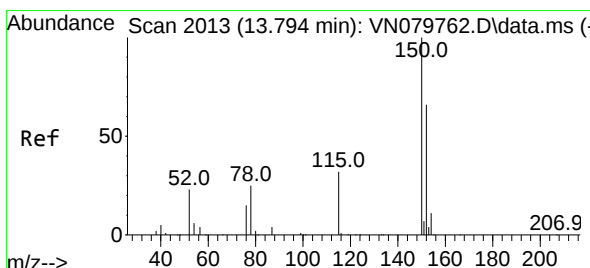
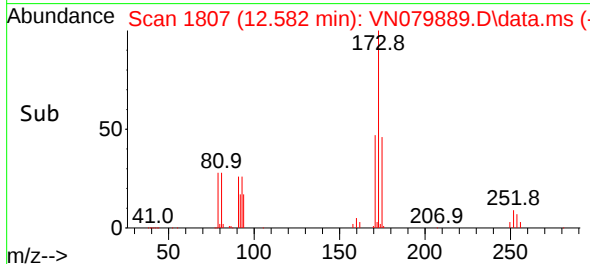
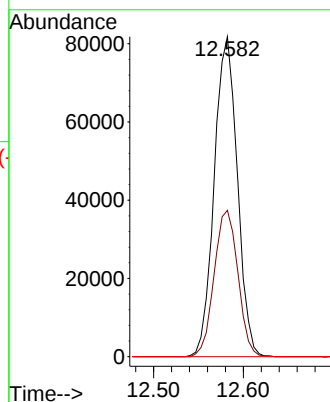
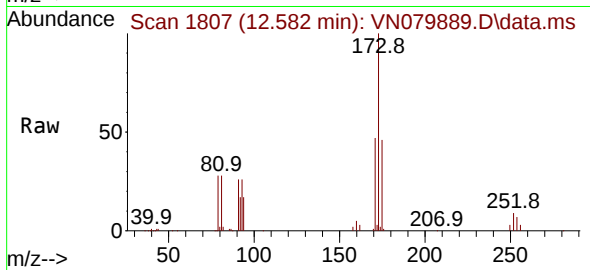
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VN079889.D

Acq: 04 Nov 2023 13:19

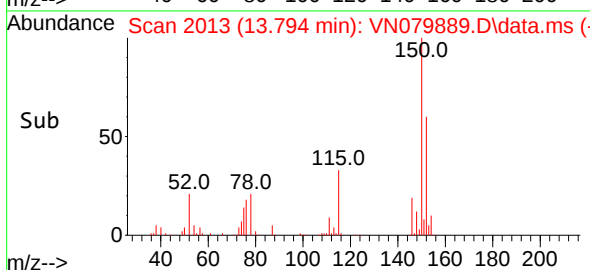
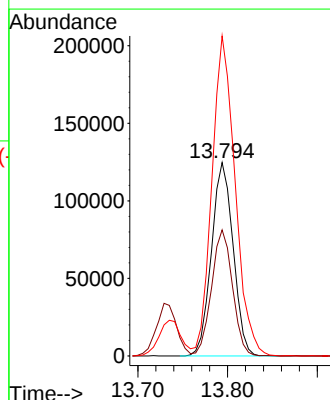
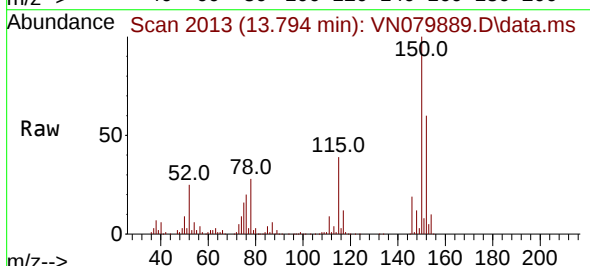
Tgt Ion:152 Resp: 209056

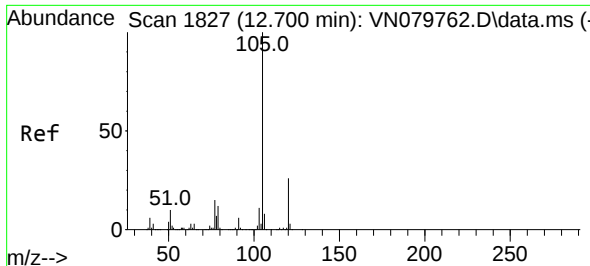
Ion Ratio Lower Upper

152 100

115 63.1 32.3 96.8

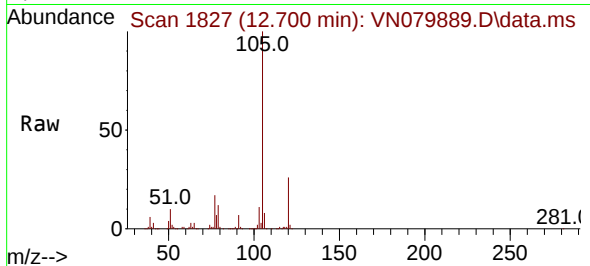
150 177.3 0.0 355.8





#73
Isopropylbenzene
Concen: 55.155 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

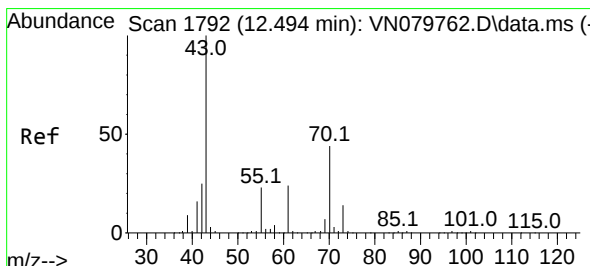
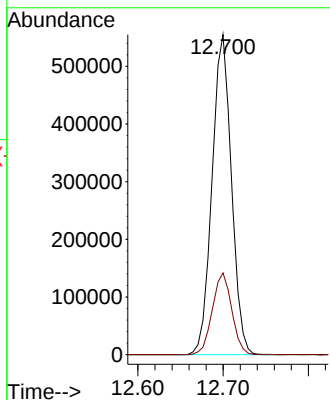
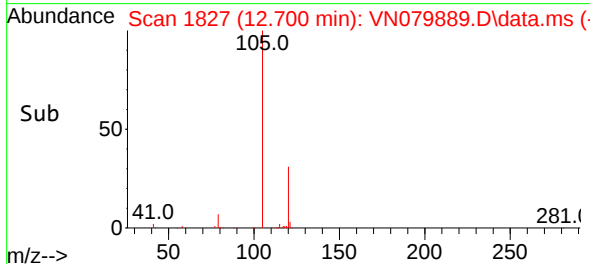
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 875089
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1

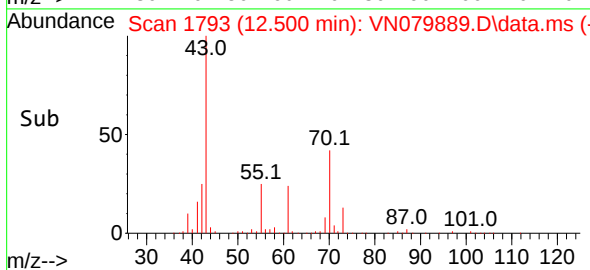
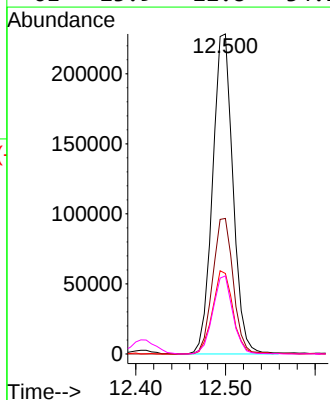
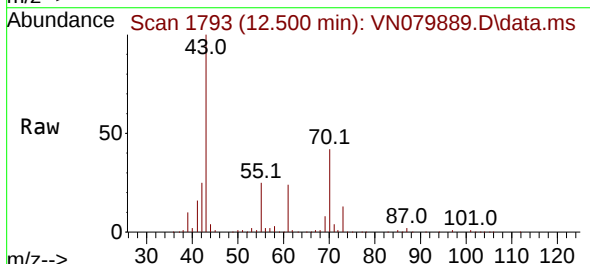
Manual Integrations
APPROVED

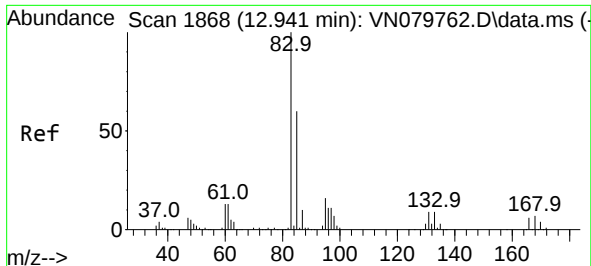
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#74
N-ethyl acetate
Concen: 52.009 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

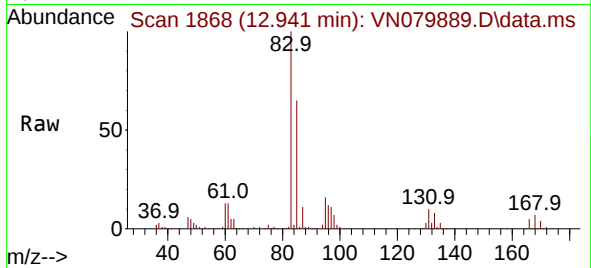
Tgt Ion: 43 Resp: 360179
Ion Ratio Lower Upper
43 100
70 42.8 43.4 65.2#
55 26.1 21.4 32.0
61 23.9 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 50.696 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

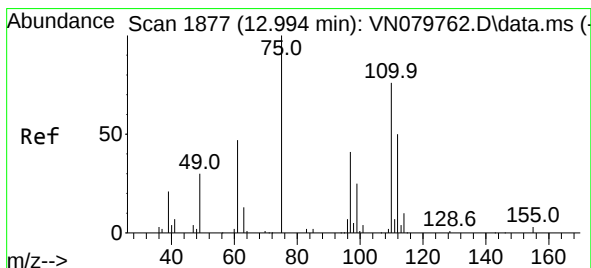
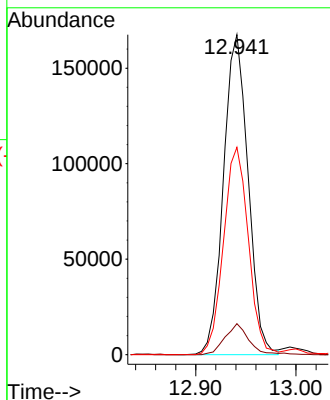
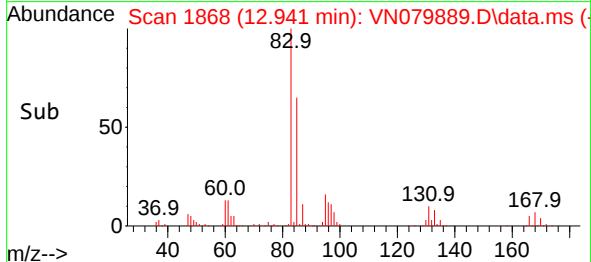
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 285188
Ion Ratio Lower Upper
83 100
131 9.4 5.0 15.0
85 65.4 31.9 95.7

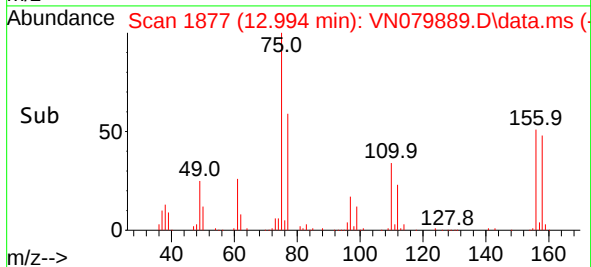
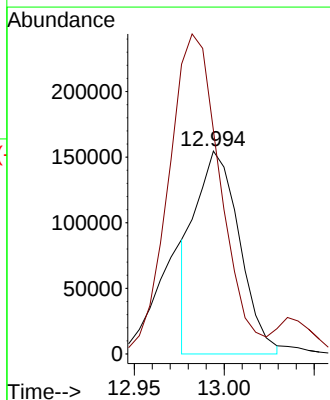
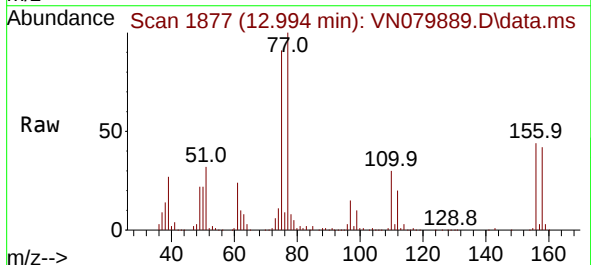
Manual Integrations
APPROVED

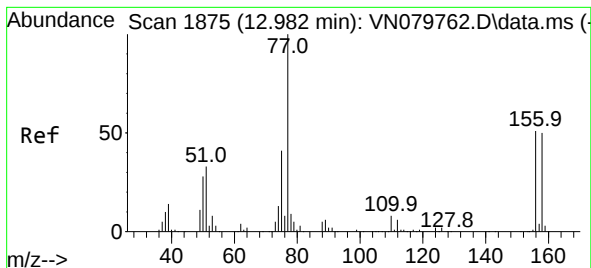
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#76
1,2,3-Trichloropropane
Concen: 53.806 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

Tgt Ion: 75 Resp: 264081
Ion Ratio Lower Upper
75 100
77 185.4 84.5 253.5





#77

Bromobenzene

Concen: 53.753 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079889.D

Acq: 04 Nov 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

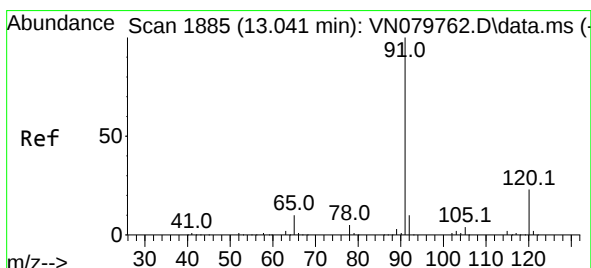
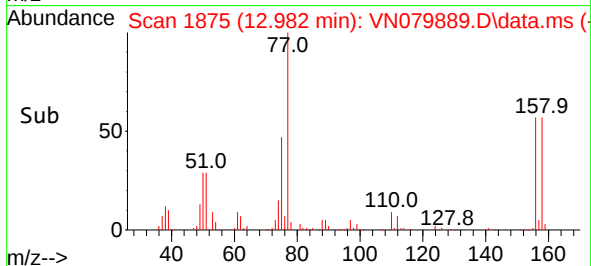
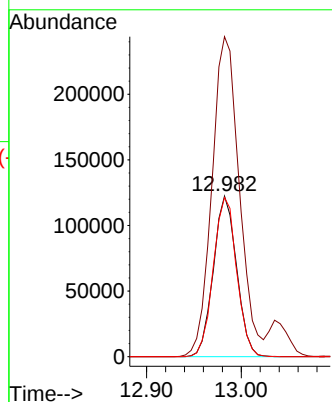
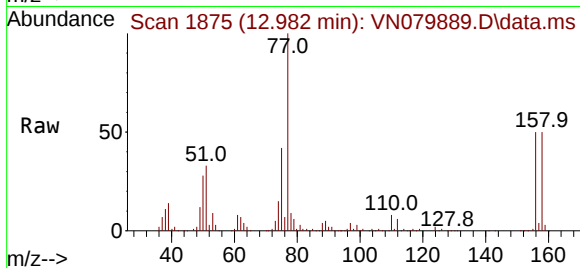
Tgt Ion:156 Resp: 208799
 Ion Ratio Lower Upper
 156 100
 77 234.5 107.7 323.3
 158 99.7 48.4 145.3

Manual Integrations

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Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#78

n-propylbenzene

Concen: 57.779 ug/l

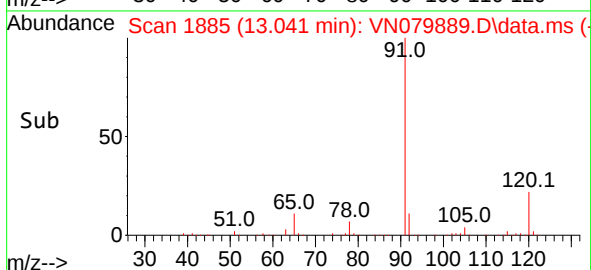
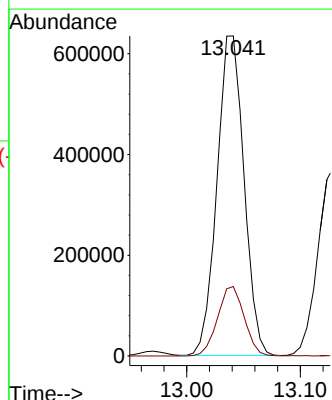
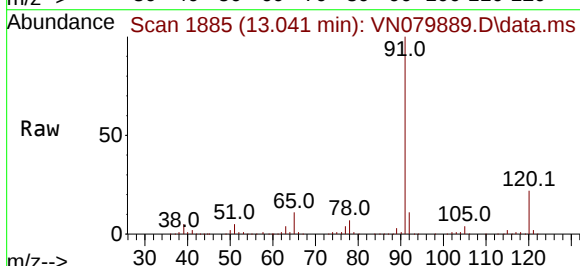
RT: 13.041 min Scan# 1885

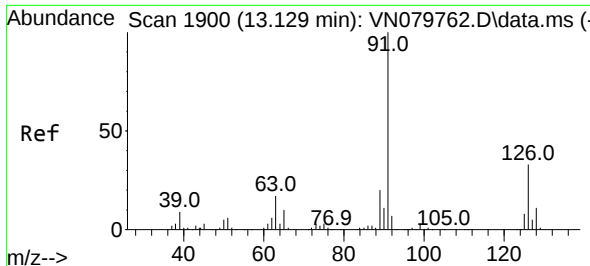
Delta R.T. 0.000 min

Lab File: VN079889.D

Acq: 04 Nov 2023 13:19

Tgt Ion: 91 Resp: 1049793
 Ion Ratio Lower Upper
 91 100
 120 21.4 11.5 34.4





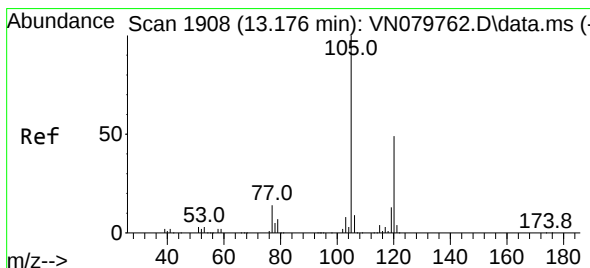
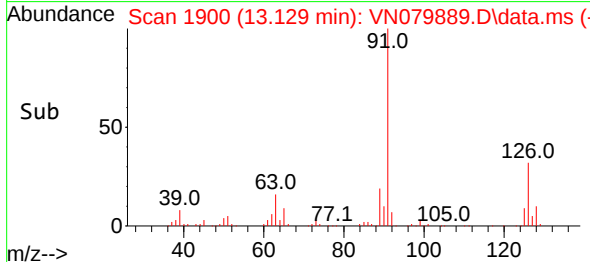
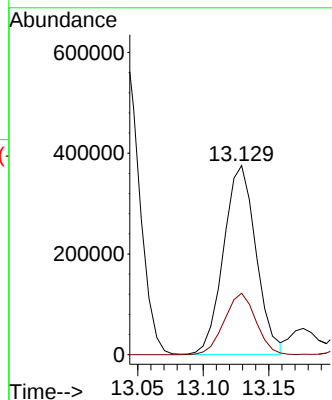
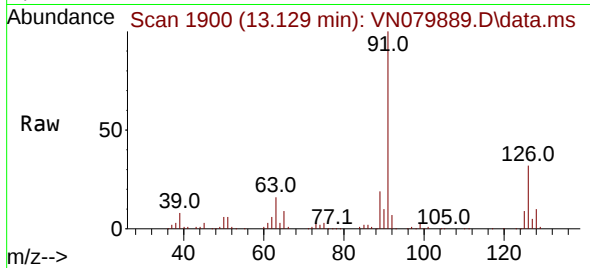
#79
2-Chlorotoluene
Concen: 55.647 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 645892
Ion Ratio Lower Upper
91 100
126 31.7 16.3 48.8

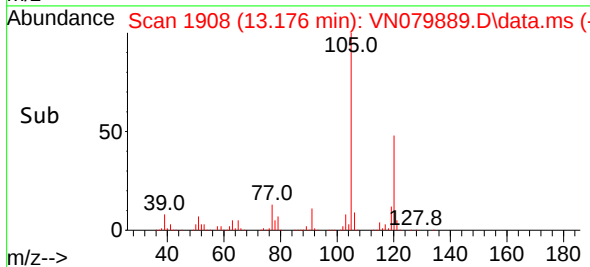
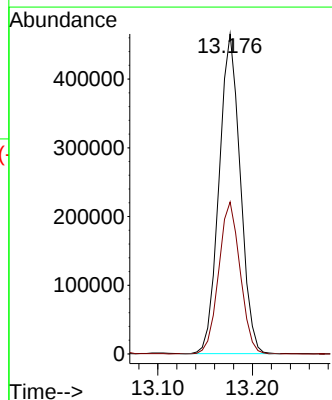
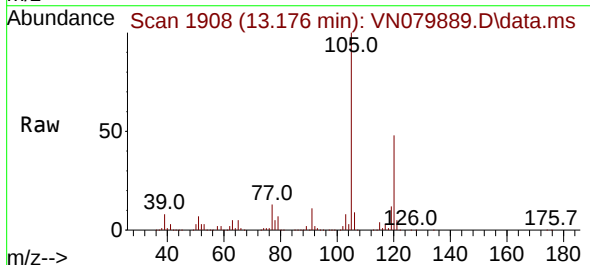
Manual Integrations
APPROVED

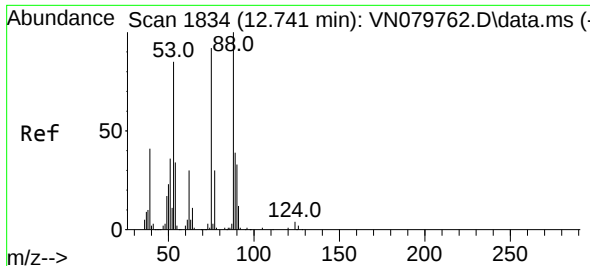
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 58.640 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

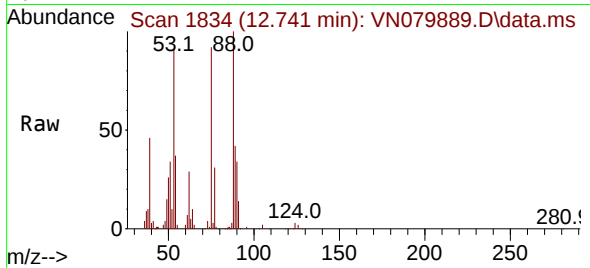
Tgt Ion:105 Resp: 723863
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 55.798 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

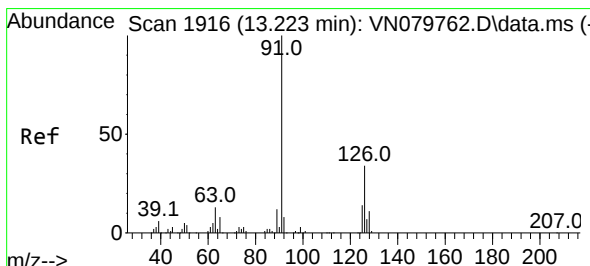
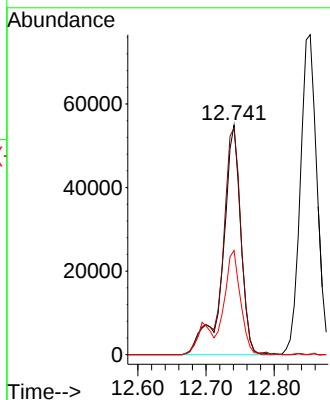
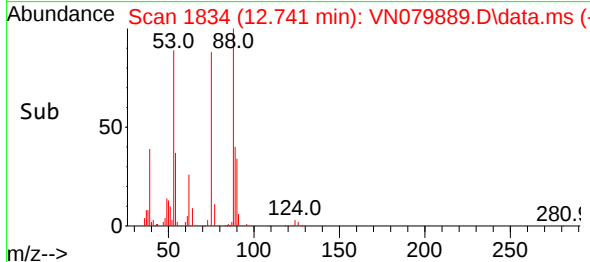
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



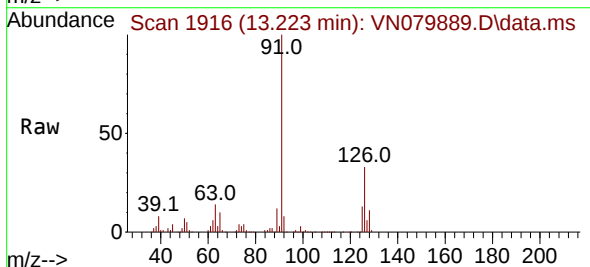
Tgt Ion: 75 Resp: 100654
Ion Ratio Lower Upper
75 100
53 103.4 67.4 101.2
89 40.3 38.8 58.2

Manual Integrations
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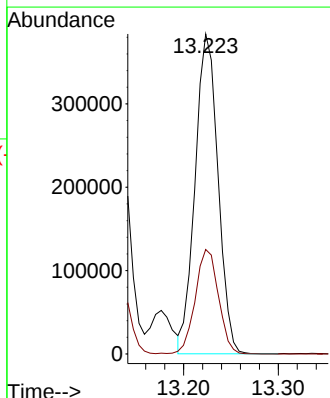
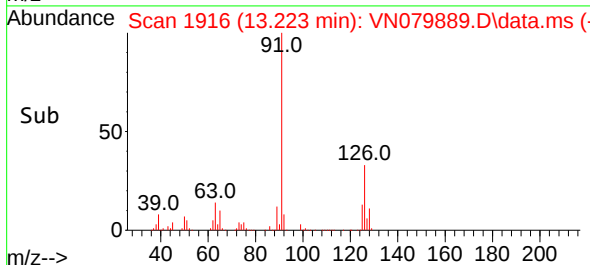
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

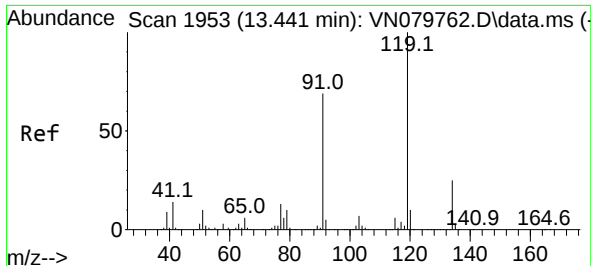


#82
4-Chlorotoluene
Concen: 55.721 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19



Tgt Ion: 91 Resp: 642677
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.0





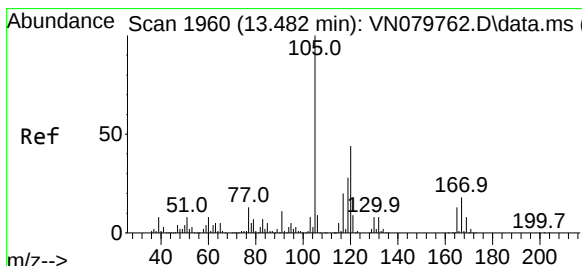
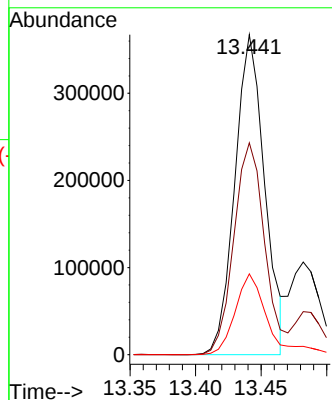
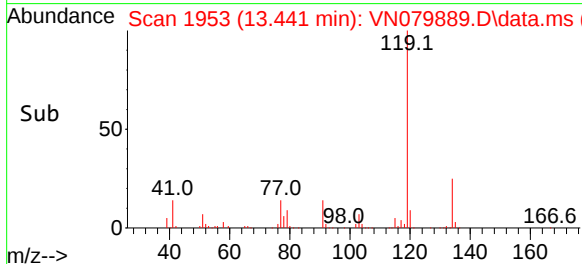
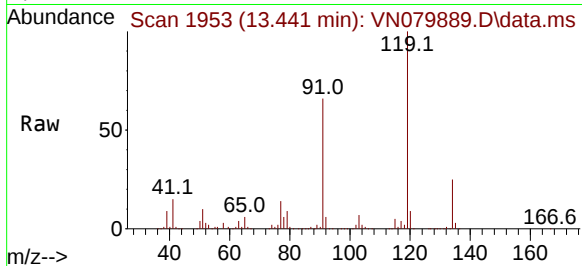
#83
tert-Butylbenzene
Concen: 57.485 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 580854
Ion Ratio Lower Upper
119 100
91 68.8 33.9 101.7
134 27.2 13.2 39.6

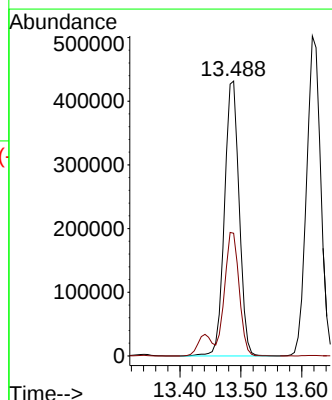
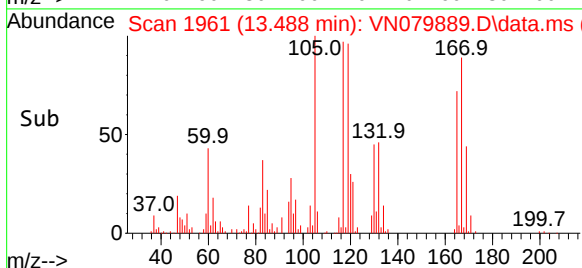
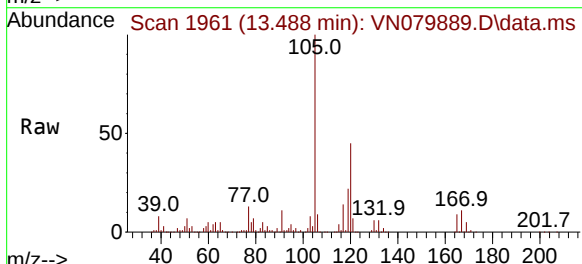
Manual Integrations
APPROVED

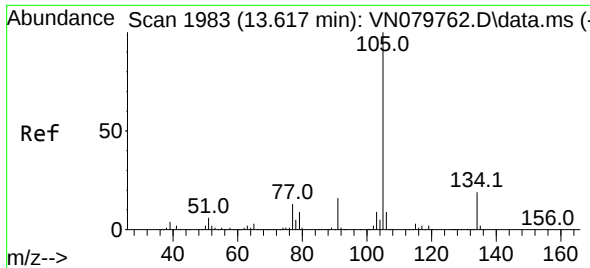
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#84
1,2,4-Trimethylbenzene
Concen: 59.563 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

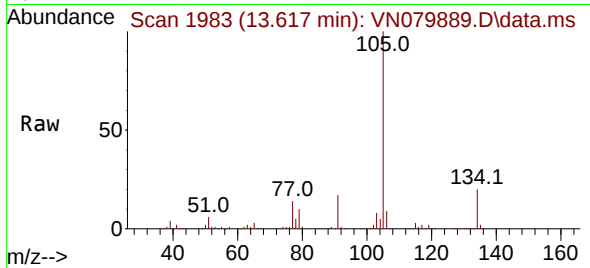
Tgt Ion:105 Resp: 723400
Ion Ratio Lower Upper
105 100
120 44.2 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 57.807 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079889.D
 Acq: 04 Nov 2023 13:19

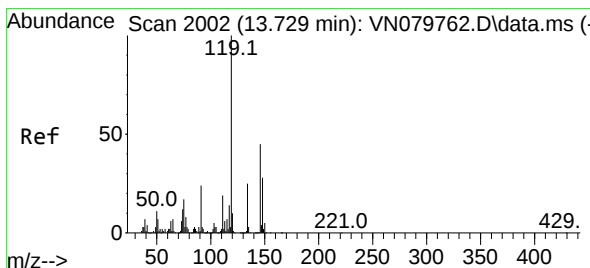
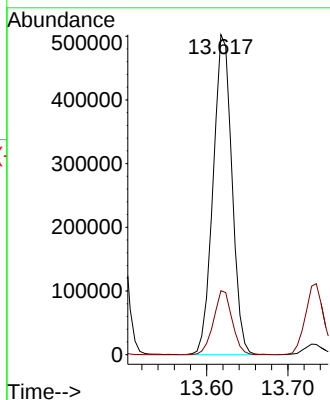
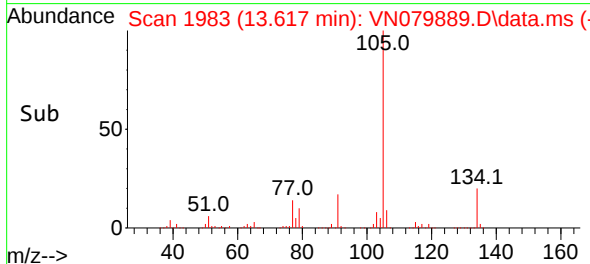
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



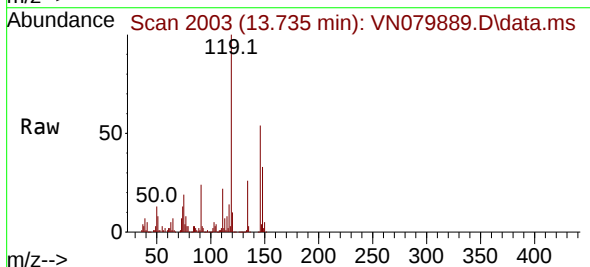
Tgt Ion:105 Resp: 809258
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

Manual Integrations
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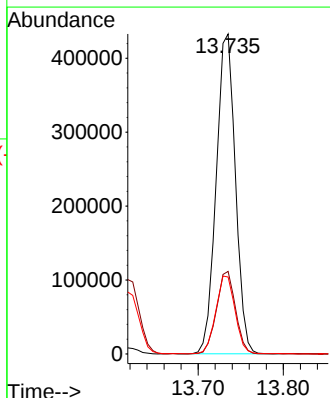
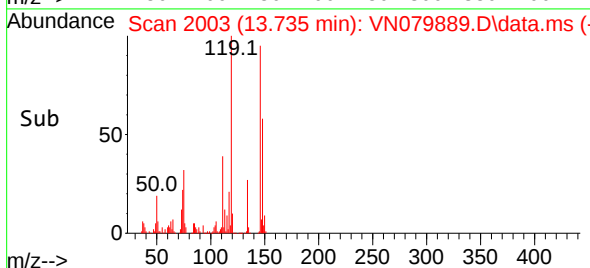
Reviewed By :John Carlone 11/06/2023
 Supervised By :Mahesh Dadoda 11/06/2023



#86
 p-Isopropyltoluene
 Concen: 59.239 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN079889.D
 Acq: 04 Nov 2023 13:19



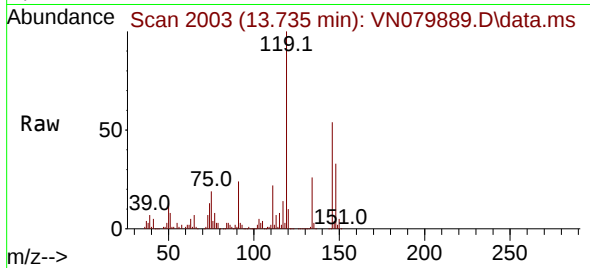
Tgt Ion:119 Resp: 676139
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 24.5 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 54.079 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

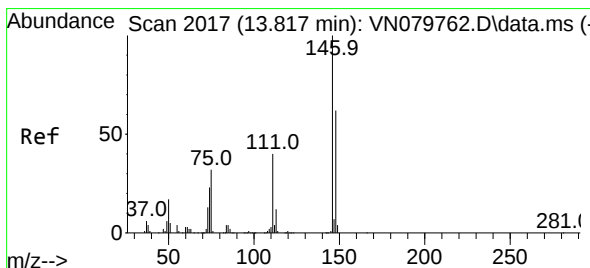
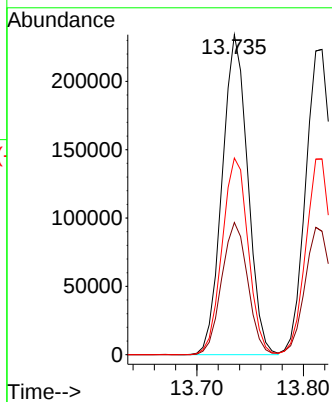
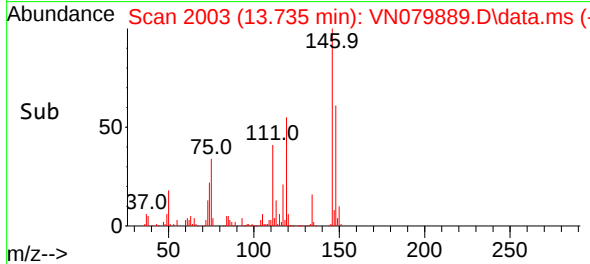
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



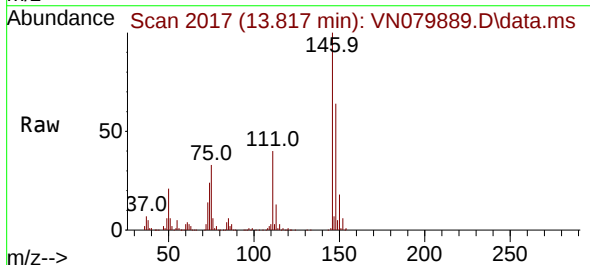
Tgt Ion:146 Resp: 390784
Ion Ratio Lower Upper
146 100
111 42.1 22.1 66.3
148 62.6 32.0 96.0

Manual Integrations
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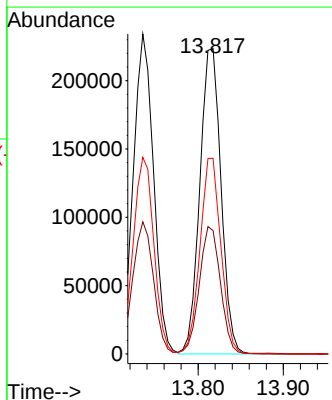
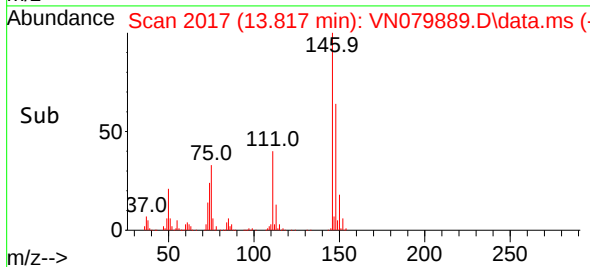
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

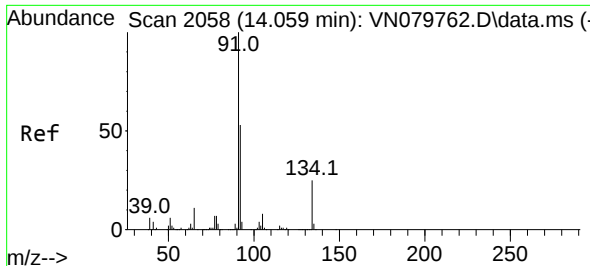


#88
1,4-Dichlorobenzene
Concen: 52.719 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19



Tgt Ion:146 Resp: 386677
Ion Ratio Lower Upper
146 100
111 41.3 20.6 61.8
148 63.1 31.6 94.8





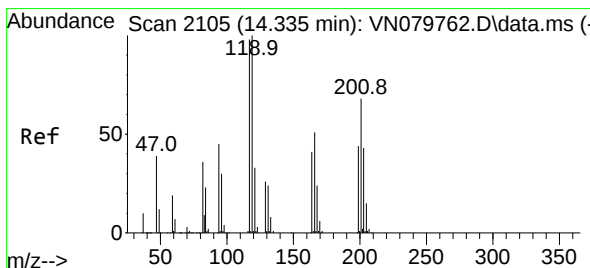
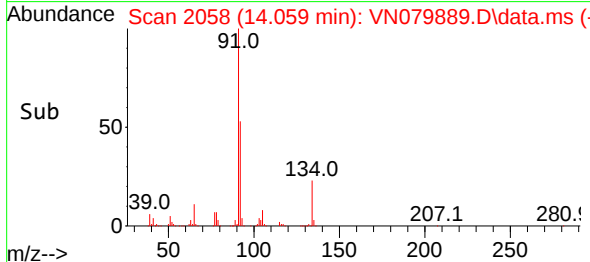
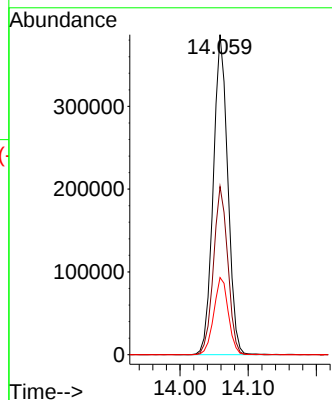
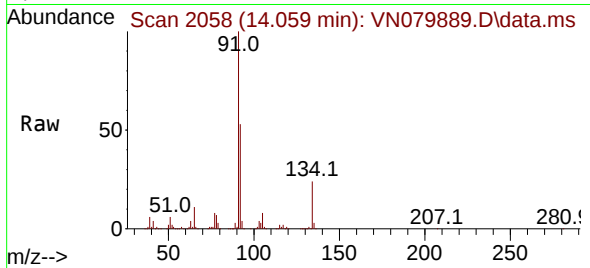
#89
n-Butylbenzene
Concen: 58.383 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 573939
Ion Ratio Lower Upper
91 100
92 51.8 26.4 79.0
134 24.1 12.6 37.6

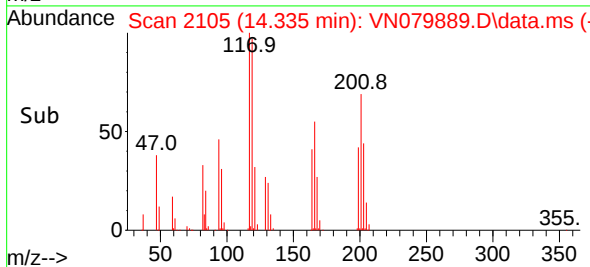
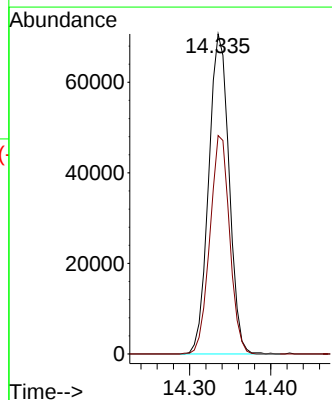
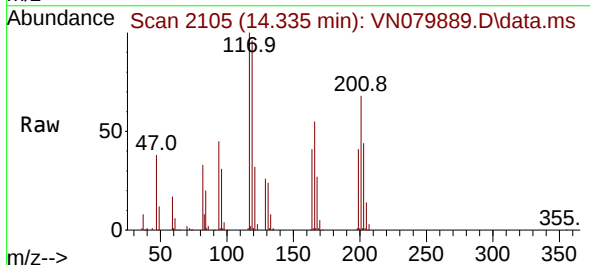
Manual Integrations
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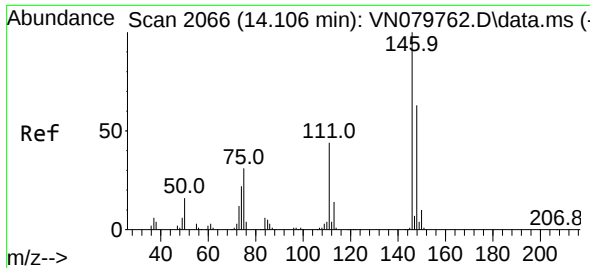
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#90
Hexachloroethane
Concen: 54.461 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

Tgt Ion:117 Resp: 123104
Ion Ratio Lower Upper
117 100
201 66.1 29.3 88.0





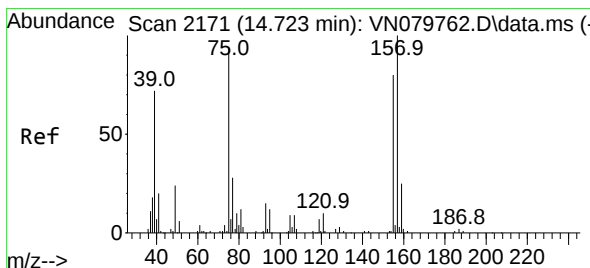
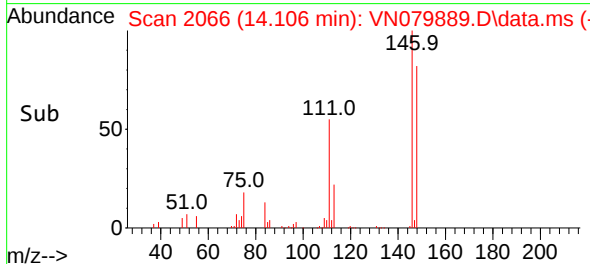
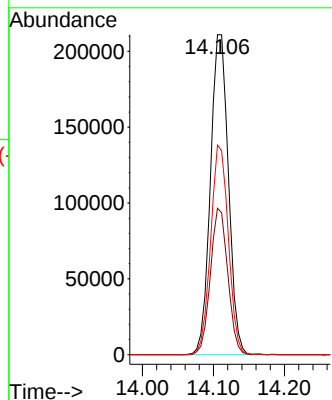
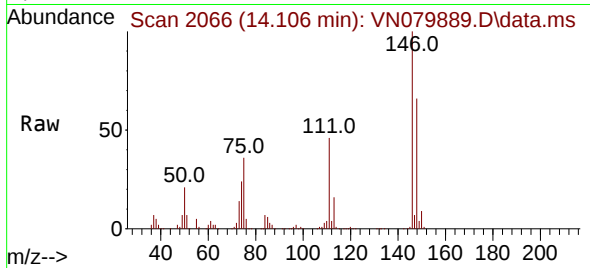
#91
1,2-Dichlorobenzene
Concen: 54.415 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 37119
Ion Ratio Lower Upper
146 100
111 44.2 22.0 66.0
148 64.4 31.8 95.3

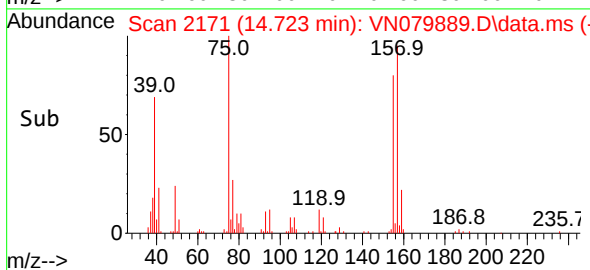
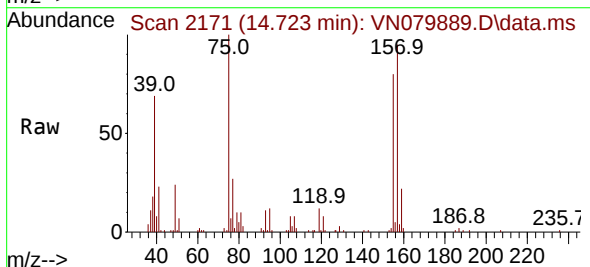
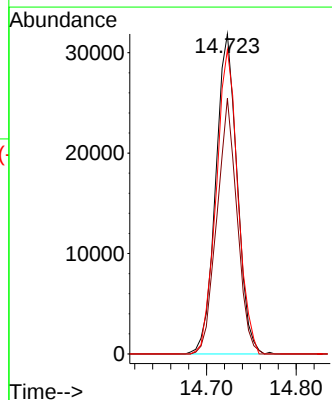
Manual Integrations
APPROVED

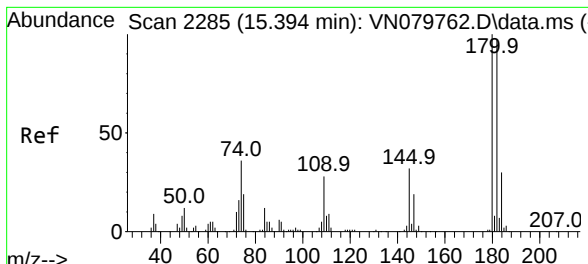
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.393 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

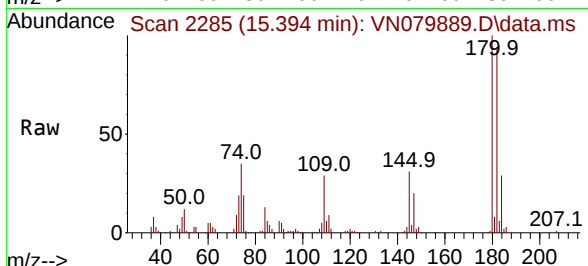
Tgt Ion: 75 Resp: 52844
Ion Ratio Lower Upper
75 100
155 75.2 39.1 117.2
157 96.2 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 54.866 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

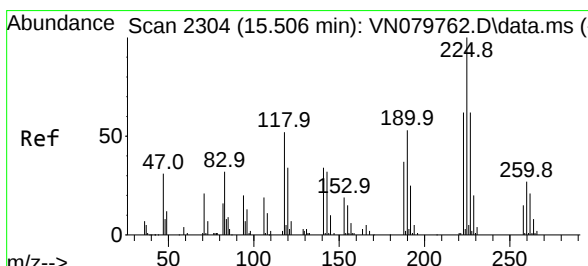
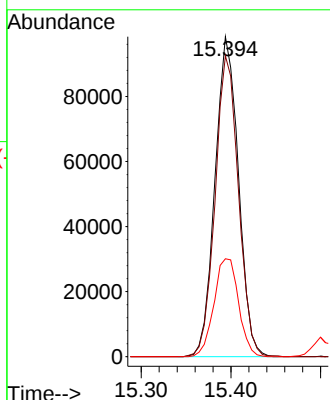
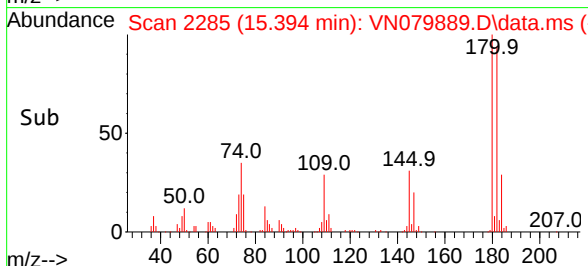
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 17796
Ion Ratio Lower Upper
180 100
182 93.7 46.1 138.2
145 32.2 16.6 49.8

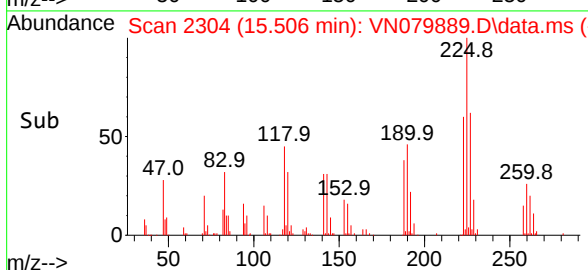
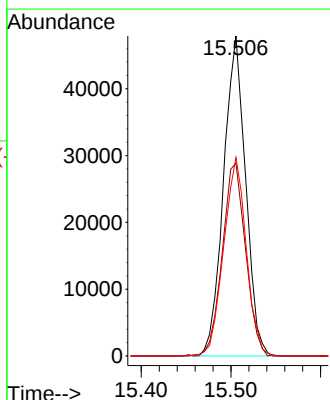
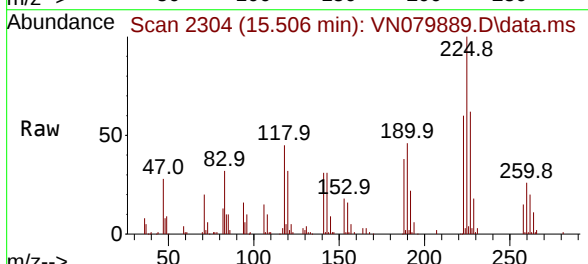
Manual Integrations
APPROVED

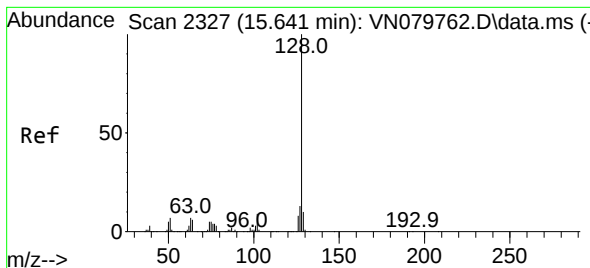
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#94
Hexachlorobutadiene
Concen: 55.562 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079889.D
Acq: 04 Nov 2023 13:19

Tgt Ion:225 Resp: 81698
Ion Ratio Lower Upper
225 100
223 63.6 31.3 93.8
227 63.4 31.9 95.9





#95

Naphthalene

Concen: 49.437 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN079889.D

Acq: 04 Nov 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 543790

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

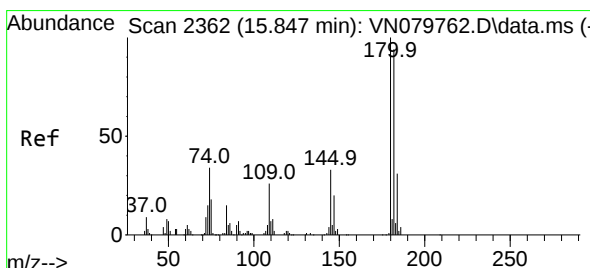
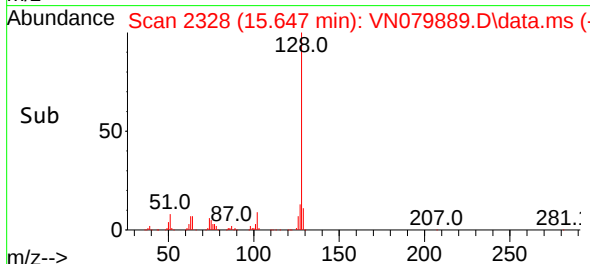
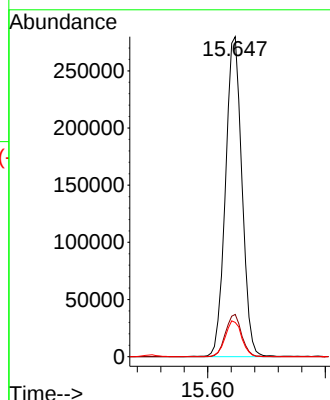
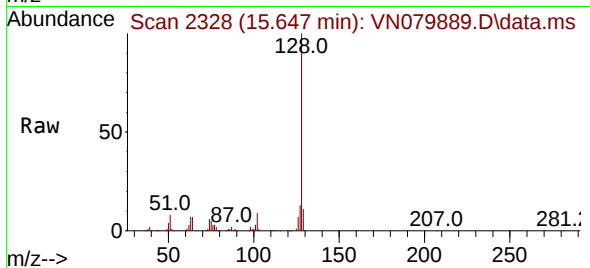
129 11.2 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#96

1,2,3-Trichlorobenzene

Concen: 53.908 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN079889.D

Acq: 04 Nov 2023 13:19

Tgt Ion:180 Resp: 171399

Ion Ratio Lower Upper

180 100

182 96.1 46.2 138.6

145 33.2 17.5 52.6

