

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
 Data File : VN079509.D
 Acq On : 11 Oct 2023 11:40
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/12/2023
 Supervised By : Mahesh Dadoda 10/12/2023

Quant Time: Oct 12 06:05:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	256486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	464135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	418789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	176300	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	214027	51.465	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.920%	
35) Dibromofluoromethane	8.171	113	170118	51.003	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.000%	
50) Toluene-d8	10.571	98	609354	50.491	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.980%	
62) 4-Bromofluorobenzene	12.853	95	205840	53.147	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.300%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	158747	43.193	ug/l	95
3) Chloromethane	2.365	50	192024	41.873	ug/l	99
4) Vinyl Chloride	2.518	62	205321	43.044	ug/l	96
5) Bromomethane	2.942	94	170617	59.749	ug/l	98
6) Chloroethane	3.112	64	144138	40.081	ug/l	100
7) Trichlorofluoromethane	3.495	101	246958	43.849	ug/l	97
8) Diethyl Ether	3.959	74	108268	53.923	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.377	101	138085	41.955	ug/l	98
10) Methyl Iodide	4.594	142	166550	58.317	ug/l	94
11) Tert butyl alcohol	5.518	59	168328	268.929	ug/l	99
12) 1,1-Dichloroethene	4.342	96	140156	46.250	ug/l	85
13) Acrolein	4.183	56	151077	242.405	ug/l	96
14) Allyl chloride	5.024	41	227860	46.594	ug/l	93
15) Acrylonitrile	5.724	53	457600	252.171	ug/l	98
16) Acetone	4.430	43	431003	261.295	ug/l	95
17) Carbon Disulfide	4.712	76	389873	41.245	ug/l	100
18) Methyl Acetate	5.030	43	368915	45.695	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	555647	56.432	ug/l	97
20) Methylene Chloride	5.277	84	181208	50.169	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	158586	44.806	ug/l #	82
22) Diisopropyl ether	6.677	45	583079	53.172	ug/l #	89
23) Vinyl Acetate	6.606	43	1705146	276.437	ug/l #	88
24) 1,1-Dichloroethane	6.571	63	325155	48.449	ug/l	98
25) 2-Butanone	7.488	43	632062	258.175	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	248754	48.501	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	194718	50.640	ug/l	87
28) Bromochloromethane	7.812	49	156588	49.038	ug/l #	76
29) Tetrahydrofuran	7.841	42	411585	259.944	ug/l #	76
30) Chloroform	7.971	83	333314	49.155	ug/l	94
31) Cyclohexane	8.259	56	236382	40.071	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	269080	47.153	ug/l	94
36) 1,1-Dichloropropene	8.371	75	227972	45.540	ug/l	95
37) Ethyl Acetate	7.565	43	256890	51.572	ug/l #	90
38) Carbon Tetrachloride	8.365	117	226147	45.125	ug/l	99
39) Methylcyclohexane	9.606	83	217592	45.241	ug/l #	88
40) Benzene	8.612	78	728402	48.994	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
 Data File : VN079509.D
 Acq On : 11 Oct 2023 11:40
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/12/2023
 Supervised By : Mahesh Dadoda 10/12/2023

Quant Time: Oct 12 06:05:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	129336	49.388	ug/l	89
42) 1,2-Dichloroethane	8.677	62	265400	49.129	ug/l	99
43) Isopropyl Acetate	8.694	43	445359	51.033	ug/l #	88
44) Trichloroethene	9.359	130	166021	47.445	ug/l	99
45) 1,2-Dichloropropane	9.624	63	194946	49.768	ug/l	100
46) Dibromomethane	9.712	93	131157	51.698	ug/l	94
47) Bromodichloromethane	9.894	83	270145	51.766	ug/l	99
48) Methyl methacrylate	9.682	41	197027	52.687	ug/l #	82
49) 1,4-Dioxane	9.700	88	75270	1092.741	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1288065	261.468	ug/l	90
52) Toluene	10.635	92	436886	49.923	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	287212	54.613	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	311607	54.126	ug/l #	91
55) 1,1,2-Trichloroethane	11.018	97	183576	52.251	ug/l	97
56) Ethyl methacrylate	10.876	69	286959	59.439	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	327151	53.926	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	551818	298.461	ug/l	90
59) 2-Hexanone	11.200	43	929792	261.557	ug/l	89
60) Dibromochloromethane	11.365	129	193836	54.896	ug/l	98
61) 1,2-Dibromoethane	11.471	107	182086	52.224	ug/l	100
64) Tetrachloroethene	11.106	164	131382	45.604	ug/l	90
65) Chlorobenzene	11.894	112	458372	49.147	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	175844	51.494	ug/l	96
67) Ethyl Benzene	11.965	91	819204	50.535	ug/l	96
68) m/p-Xylenes	12.076	106	616746	104.711	ug/l	94
69) o-Xylene	12.400	106	302973	52.304	ug/l	94
70) Styrene	12.412	104	513734	56.148	ug/l	98
71) Bromoform	12.582	173	130541	52.232	ug/l #	99
73) Isopropylbenzene	12.700	105	744689	45.403	ug/l	100
74) N-amyl acetate	12.500	43	352148	52.372	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	271294	51.277	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	240831m	47.378	ug/l	
77) Bromobenzene	12.982	156	182541	45.389	ug/l	95
78) n-propylbenzene	13.041	91	882838	47.574	ug/l	97
79) 2-Chlorotoluene	13.129	91	540730	45.537	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	617929	47.777	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	85882	49.022	ug/l	88
82) 4-Chlorotoluene	13.223	91	533466	47.211	ug/l	100
83) tert-Butylbenzene	13.441	119	491943	46.425	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	623117	50.484	ug/l	100
85) sec-Butylbenzene	13.617	105	693261	46.904	ug/l	99
86) p-Isopropyltoluene	13.735	119	569479	50.224	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	313486	49.146	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	310798	47.188	ug/l	99
89) n-Butylbenzene	14.059	91	469983	51.906	ug/l	98
90) Hexachloroethane	14.335	117	110499	47.960	ug/l	91
91) 1,2-Dichlorobenzene	14.112	146	310756	49.945	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	44553	46.976	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	110527	57.357	ug/l	98
94) Hexachlorobutadiene	15.506	225	66036	43.999	ug/l	99
95) Naphthalene	15.647	128	323523	54.979	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	118076	51.346	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
Data File : VN079509.D
Acq On : 11 Oct 2023 11:40
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

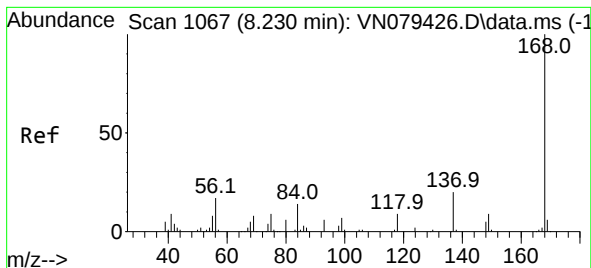
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

Quant Time: Oct 12 06:05:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 03:34:49 2023
Response via : Initial Calibration

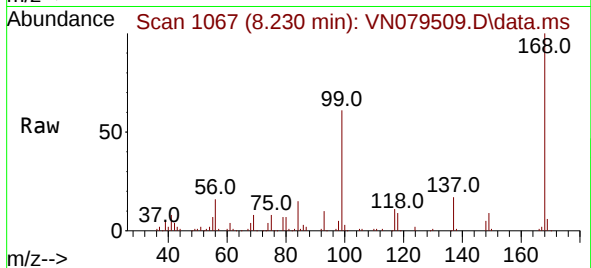
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = 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. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

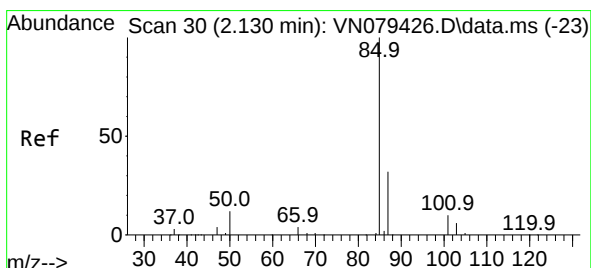
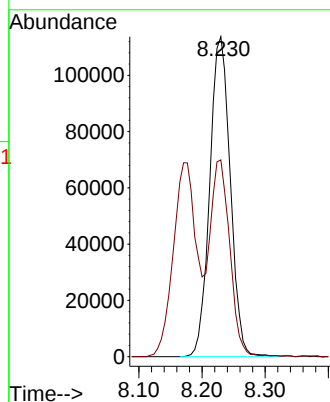
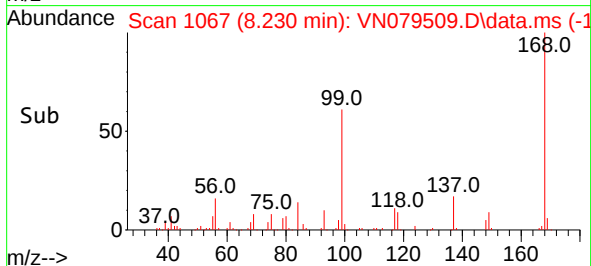
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 256480
Ion Ratio Lower Upper
168 100
99 61.3 53.0 79.6

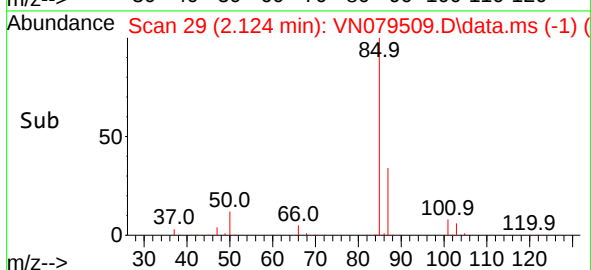
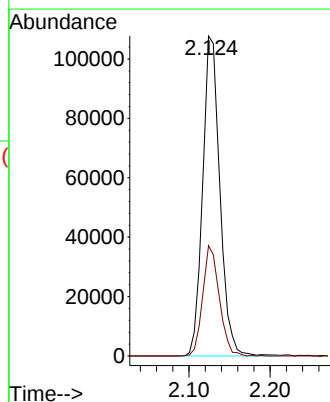
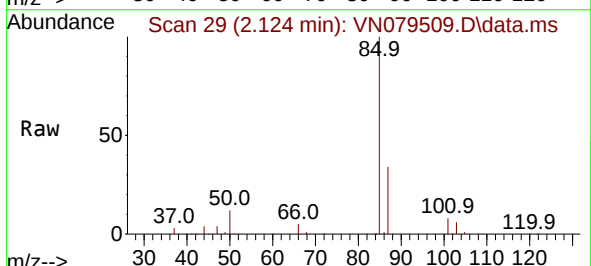
Manual Integrations
APPROVED

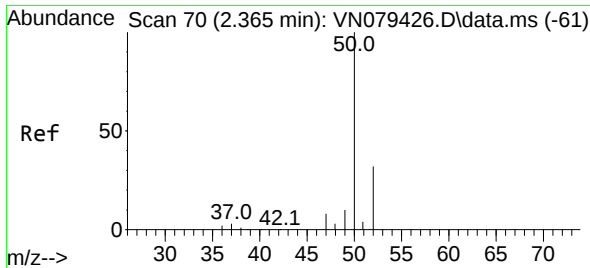
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#2
Dichlorodifluoromethane
Concen: 43.193 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

Tgt Ion: 85 Resp: 158747
Ion Ratio Lower Upper
85 100
87 34.5 15.8 47.4





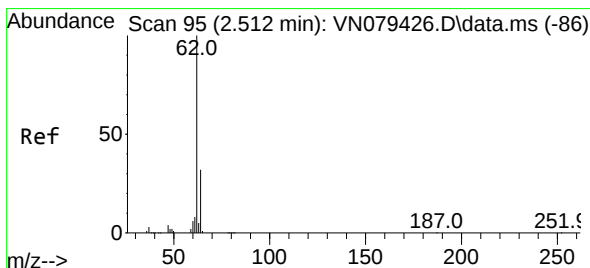
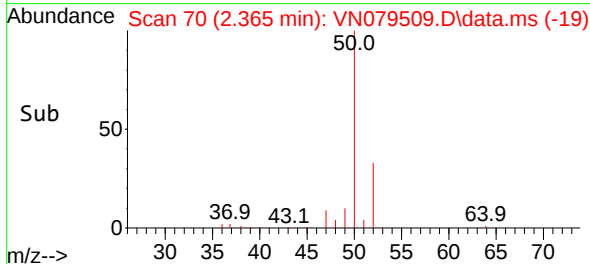
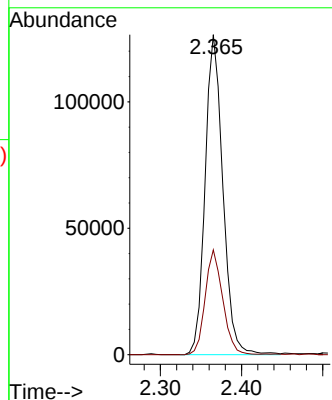
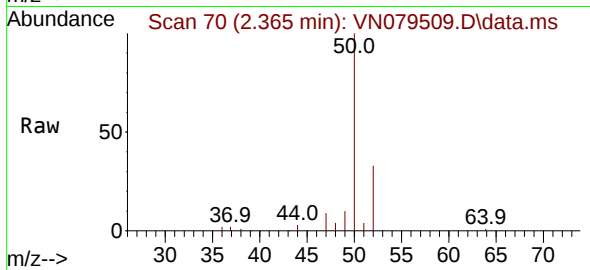
#3
Chloromethane
Concen: 41.873 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 192024
Ion Ratio Lower Upper
50 100
52 32.7 26.5 39.7

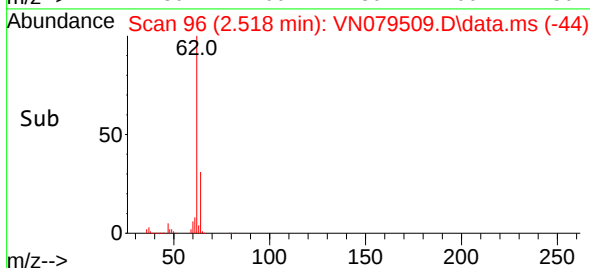
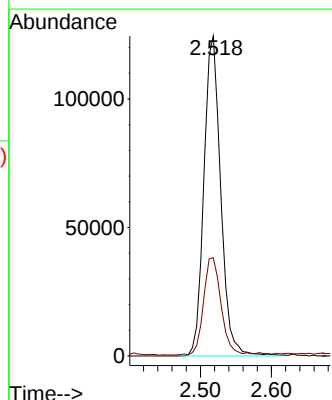
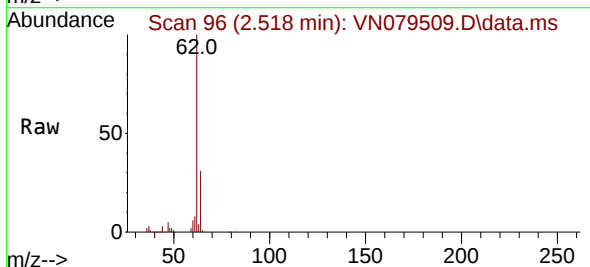
Manual Integrations
APPROVED

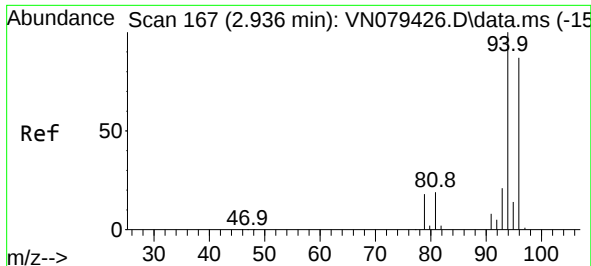
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#4
Vinyl Chloride
Concen: 43.044 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

Tgt Ion: 62 Resp: 205321
Ion Ratio Lower Upper
62 100
64 30.3 26.2 39.2





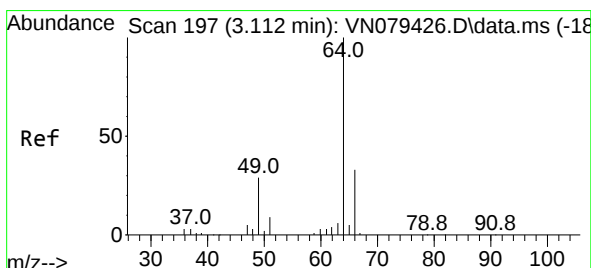
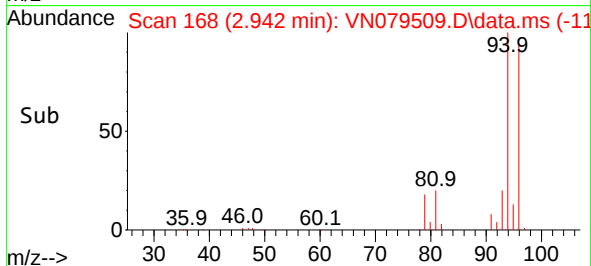
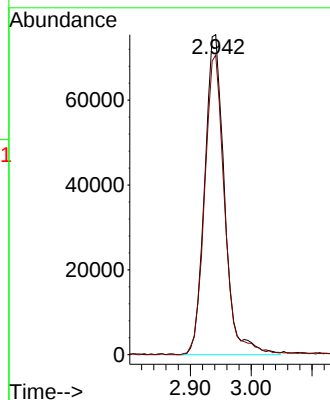
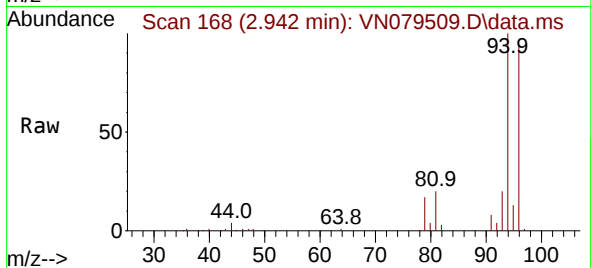
#5
Bromomethane
Concen: 59.749 ug/l
RT: 2.942 min Scan# 167
Delta R.T. 0.006 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 17061
Ion Ratio Lower Upper
94 100
96 93.6 73.1 109.7

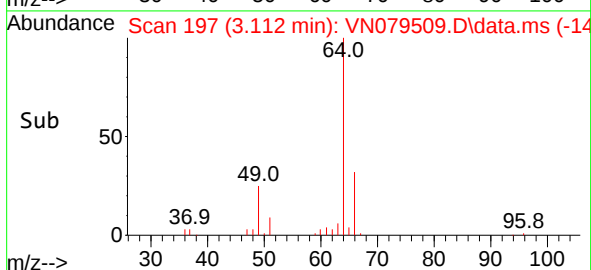
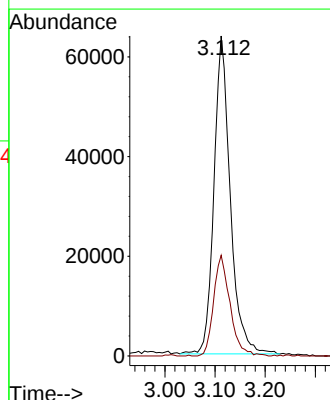
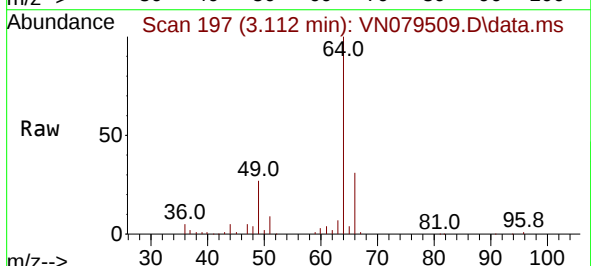
Manual Integrations
APPROVED

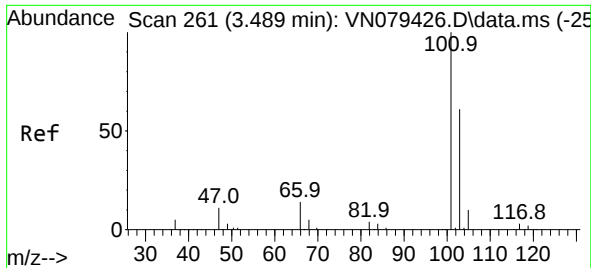
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#6
Chloroethane
Concen: 40.081 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

Tgt Ion: 64 Resp: 144138
Ion Ratio Lower Upper
64 100
66 31.7 25.4 38.2





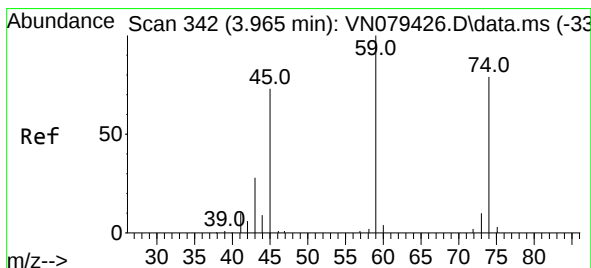
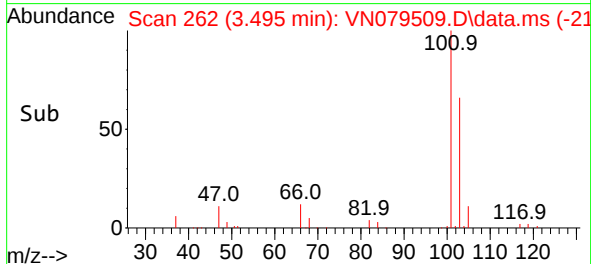
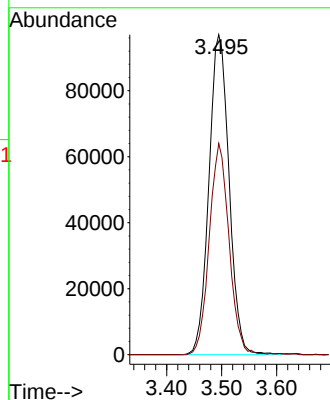
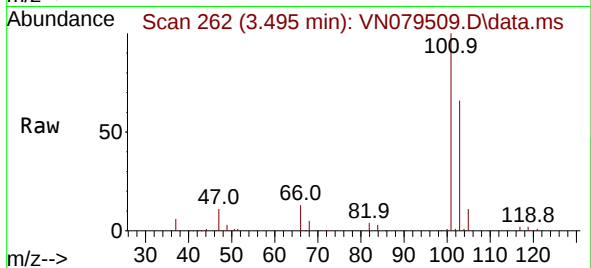
#7
Trichlorofluoromethane
Concen: 43.849 ug/l
RT: 3.495 min Scan# 210
Delta R.T. 0.006 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 246958
Ion Ratio Lower Upper
101 100
103 66.0 50.7 76.1

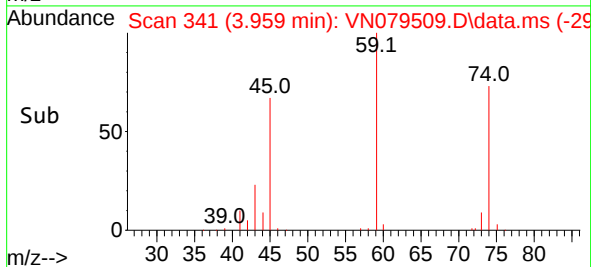
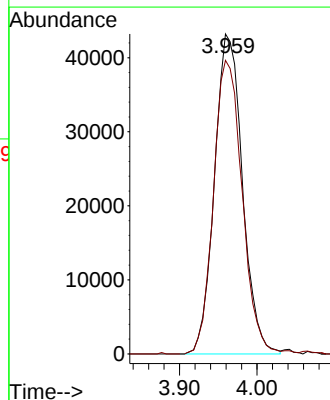
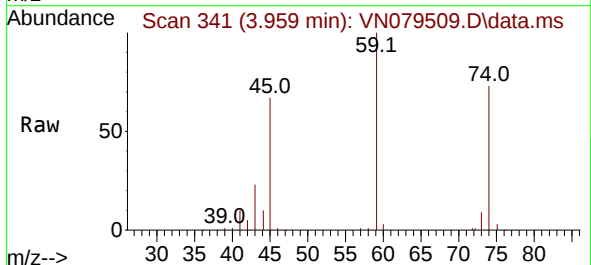
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#8
Diethyl Ether
Concen: 53.923 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

Tgt Ion: 74 Resp: 108268
Ion Ratio Lower Upper
74 100
45 94.4 34.4 103.3





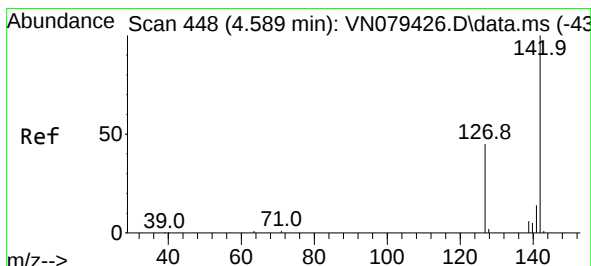
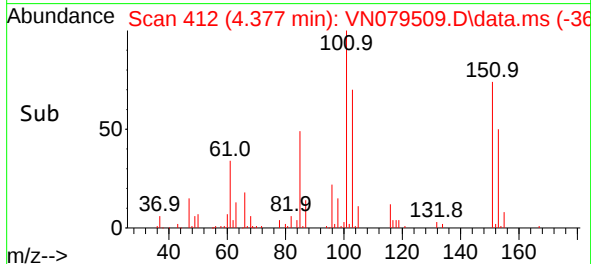
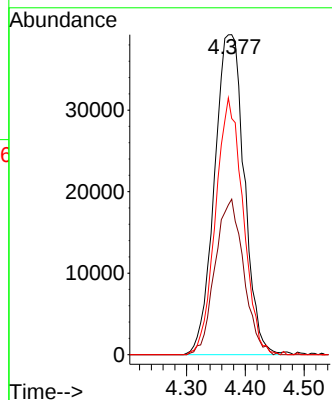
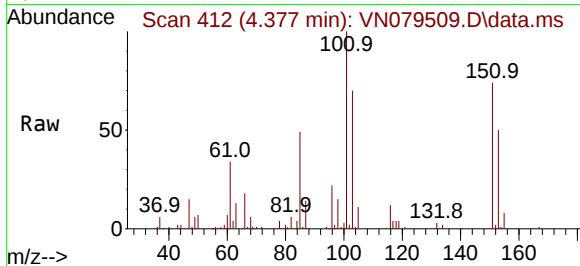
#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.955 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 13808
Ion Ratio Lower Upper
101 100
85 46.7 36.6 55.0
151 74.1 57.6 86.4

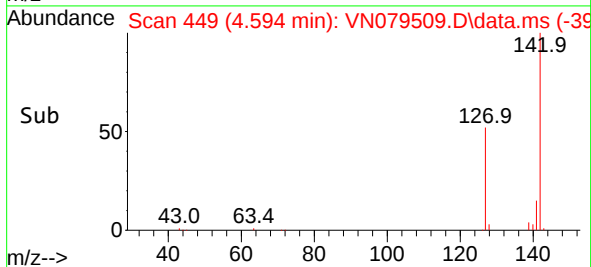
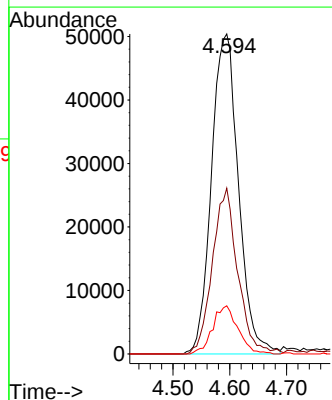
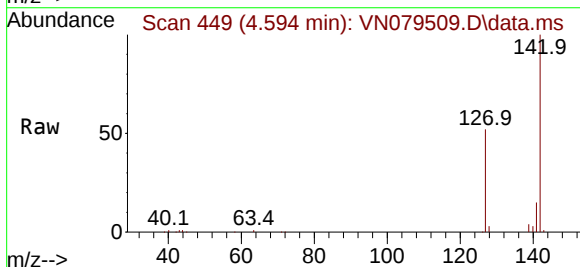
Manual Integrations
APPROVED

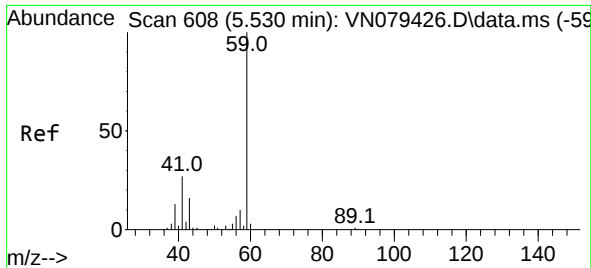
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#10
Methyl Iodide
Concen: 58.317 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.005 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

Tgt Ion:142 Resp: 166550
Ion Ratio Lower Upper
142 100
127 51.8 37.6 56.4
141 15.1 11.4 17.0





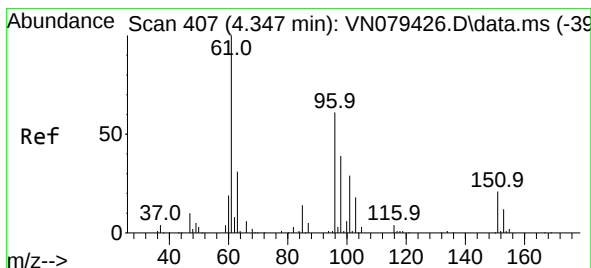
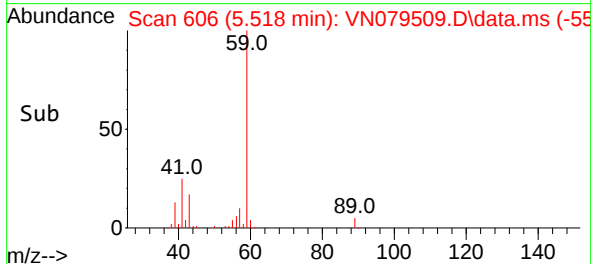
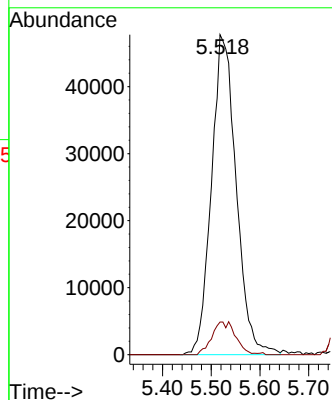
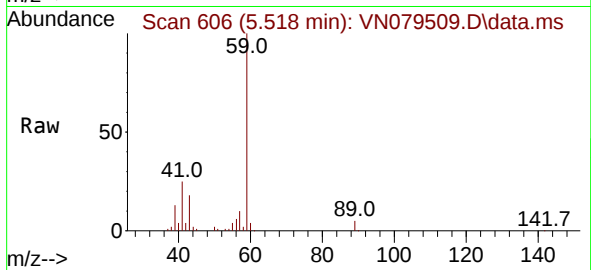
#11
Tert butyl alcohol
Concen: 268.929 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 168328
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4

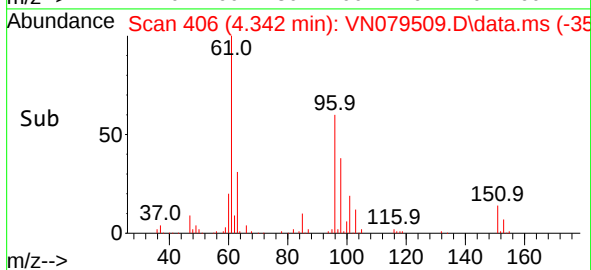
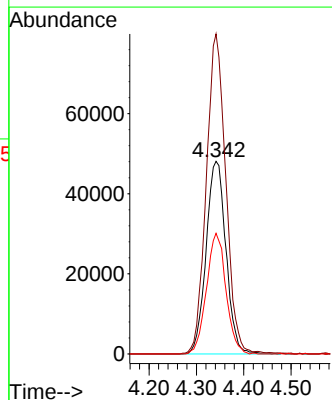
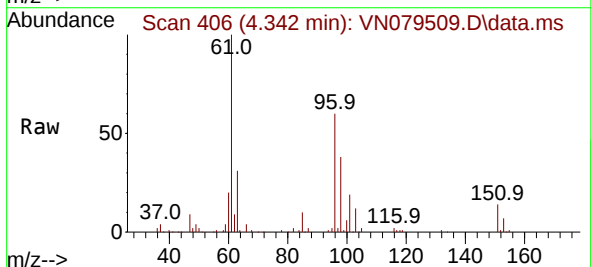
Manual Integrations
APPROVED

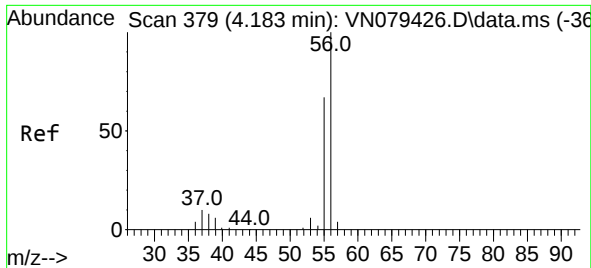
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#12
1,1-Dichloroethene
Concen: 46.250 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

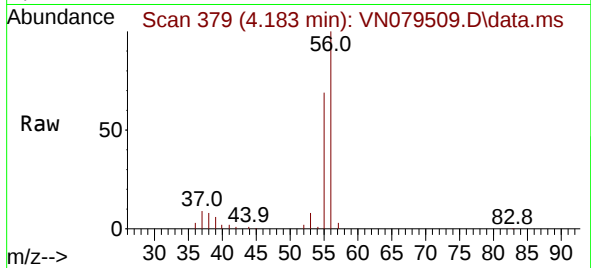
Tgt Ion: 96 Resp: 140156
Ion Ratio Lower Upper
96 100
61 166.1 112.7 169.1
98 62.6 51.2 76.8





#13
Acrolein
Concen: 242.405 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

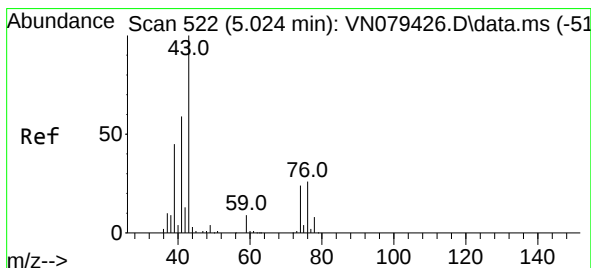
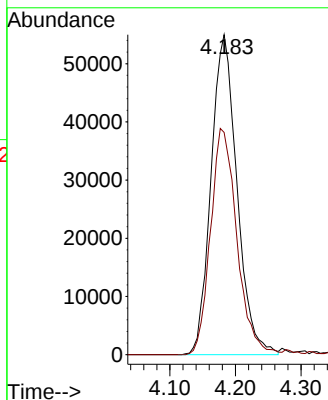
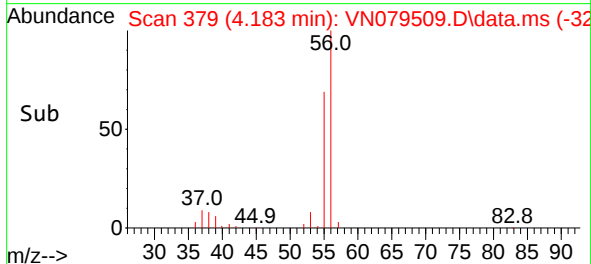
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 15107
Ion Ratio Lower Upper
56 100
55 71.7 54.5 81.7

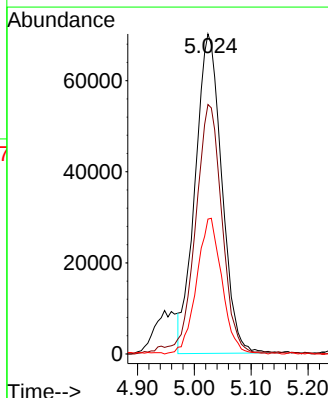
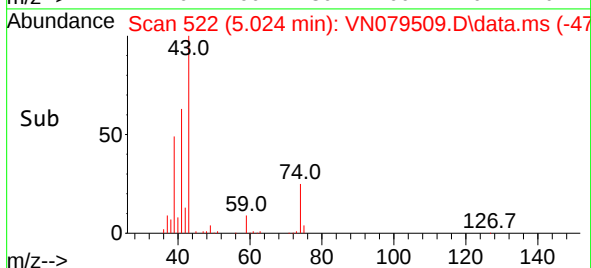
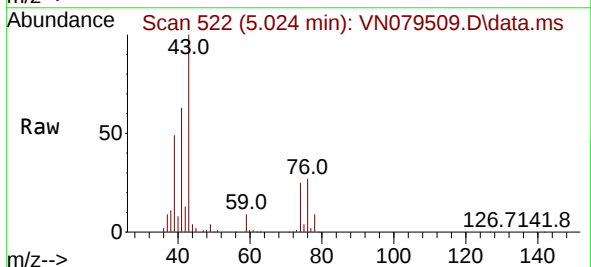
Manual Integrations
APPROVED

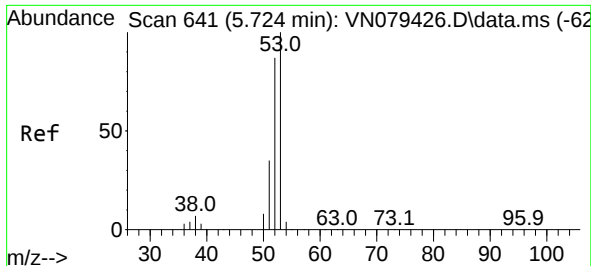
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#14
Allyl chloride
Concen: 46.594 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

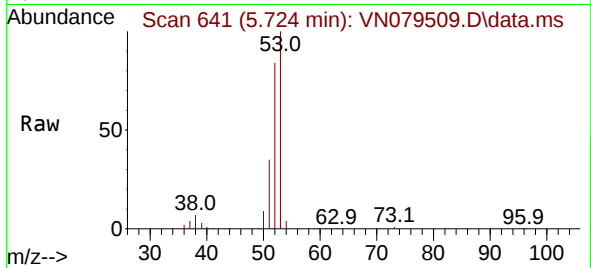
Tgt Ion: 41 Resp: 227860
Ion Ratio Lower Upper
41 100
39 76.6 58.8 88.2
76 40.5 39.1 58.7





#15
Acrylonitrile
Concen: 252.171 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

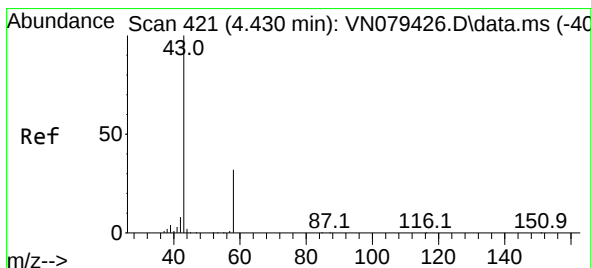
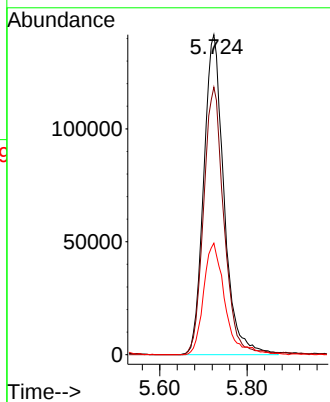
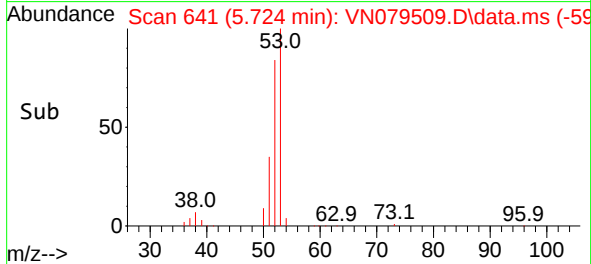
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 457600
Ion Ratio Lower Upper
53 100
52 83.6 65.3 97.9
51 36.8 28.9 43.3

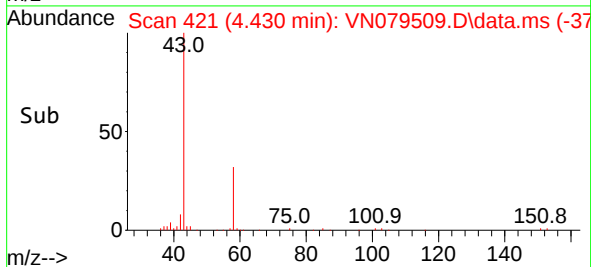
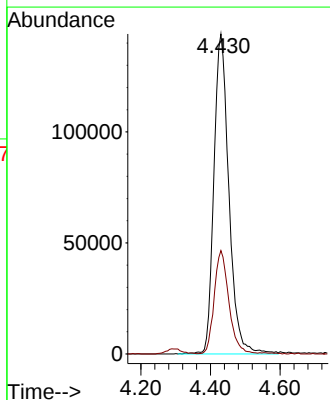
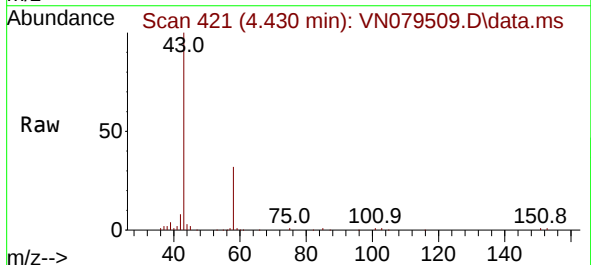
Manual Integrations
APPROVED

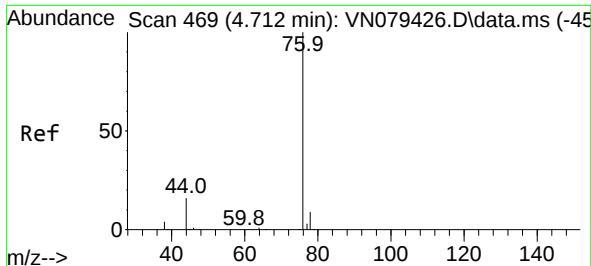
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#16
Acetone
Concen: 261.295 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

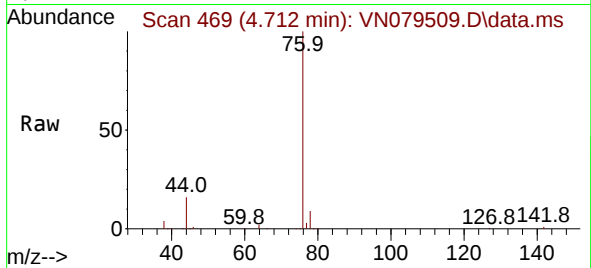
Tgt Ion: 43 Resp: 431003
Ion Ratio Lower Upper
43 100
58 32.2 28.0 42.0





#17
Carbon Disulfide
Concen: 41.245 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

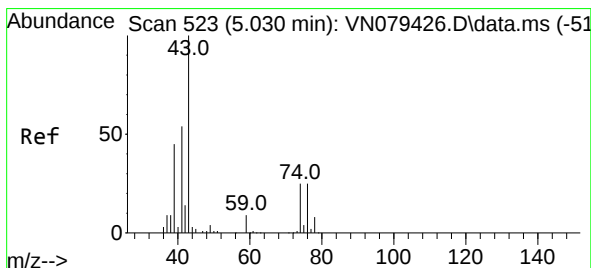
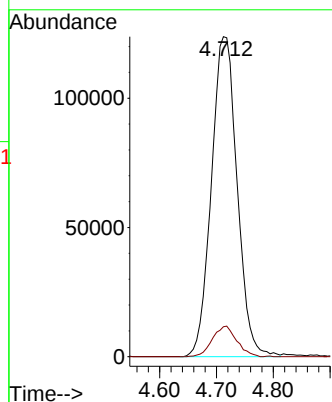
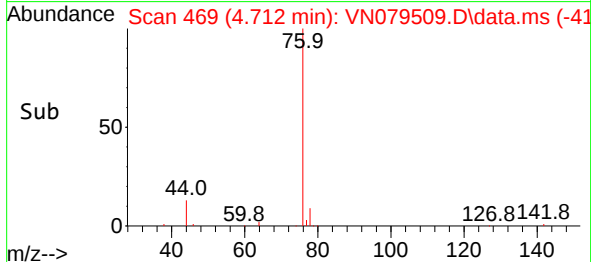
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 38987
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

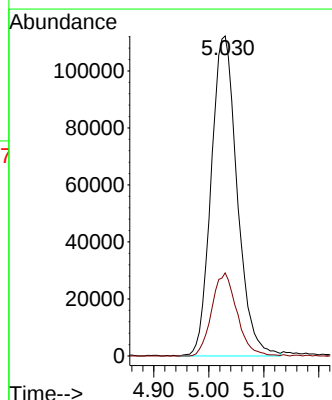
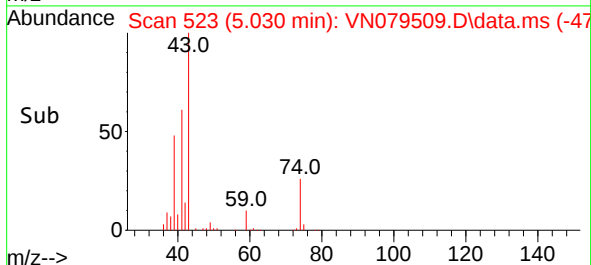
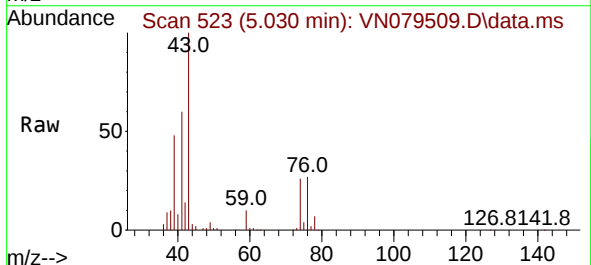
Manual Integrations
APPROVED

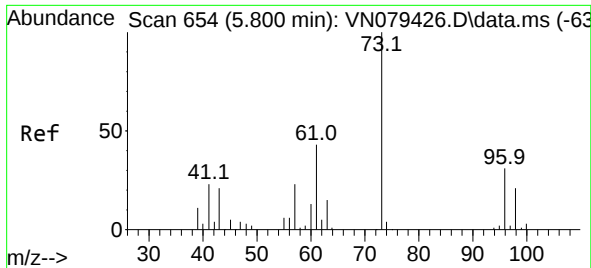
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#18
Methyl Acetate
Concen: 45.695 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

Tgt Ion: 43 Resp: 368915
Ion Ratio Lower Upper
43 100
74 25.1 26.2 39.4#





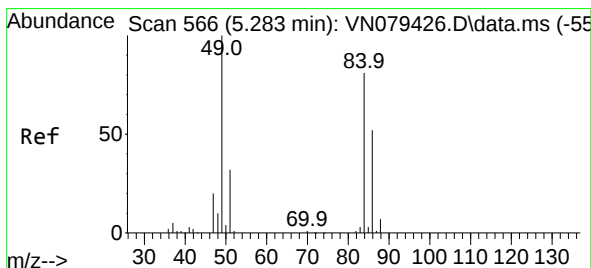
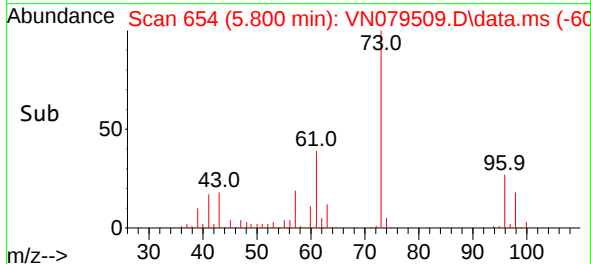
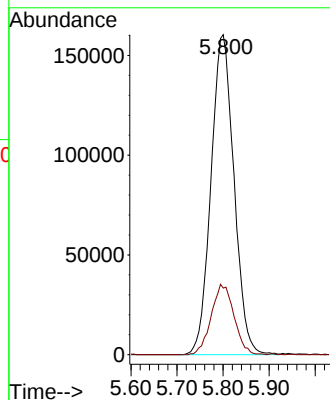
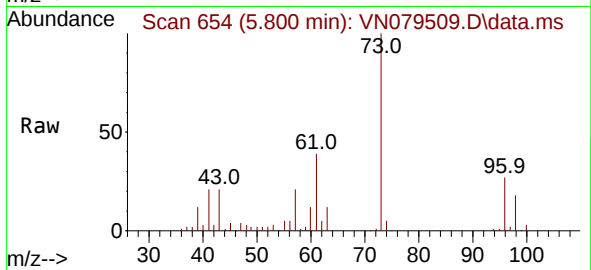
#19
Methyl tert-butyl Ether
Concen: 56.432 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 55564
Ion Ratio Lower Upper
73 100
57 20.8 15.6 23.4

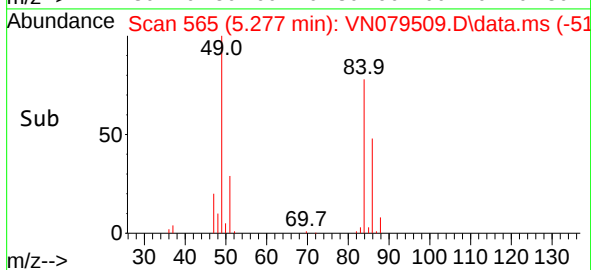
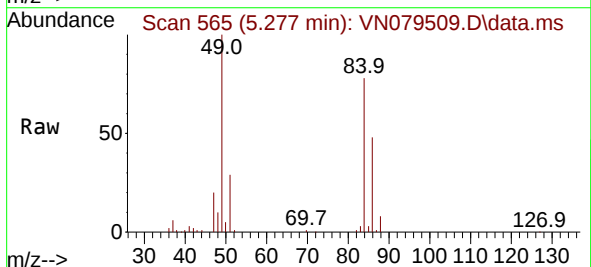
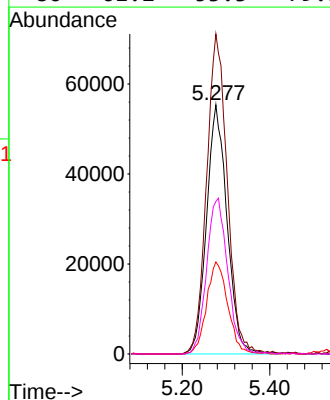
Manual Integrations
APPROVED

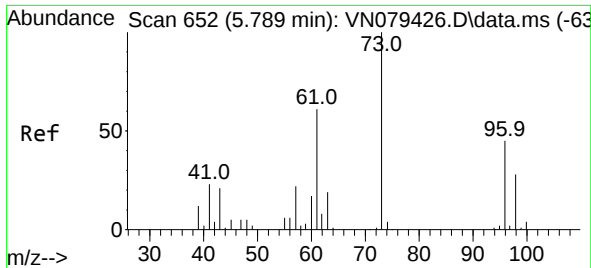
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#20
Methylene Chloride
Concen: 50.169 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

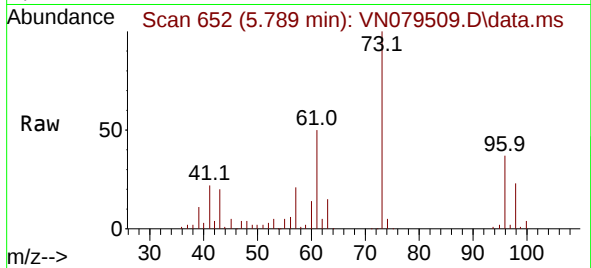
Tgt Ion: 84 Resp: 181208
Ion Ratio Lower Upper
84 100
49 128.5 79.7 119.5#
51 36.9 25.2 37.8
86 61.2 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 44.806 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

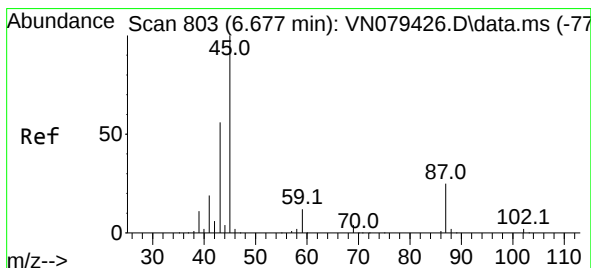
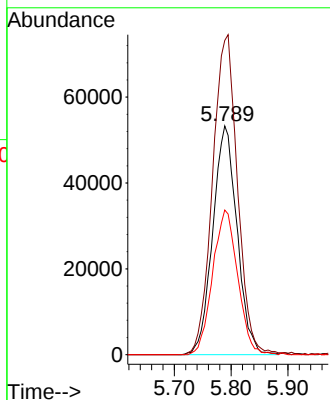
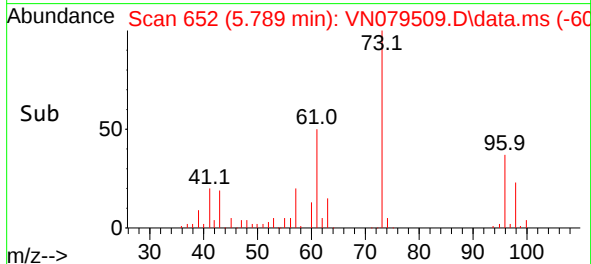
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 158580
Ion Ratio Lower Upper
96 100
61 137.3 90.1 135.1
98 63.2 46.4 69.6

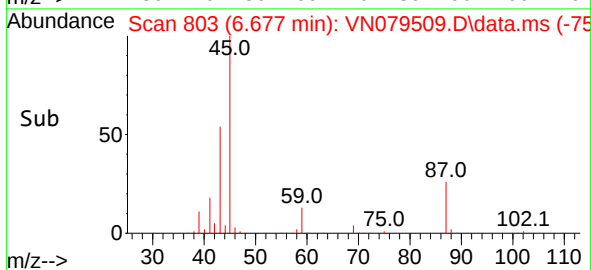
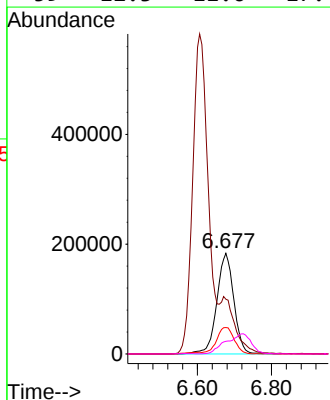
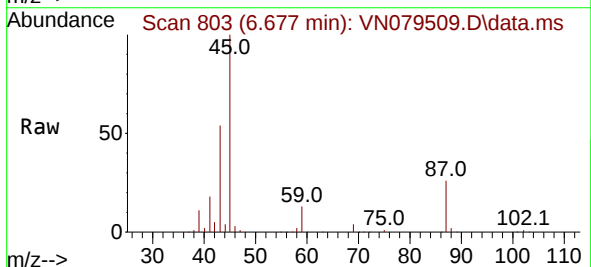
Manual Integrations
APPROVED

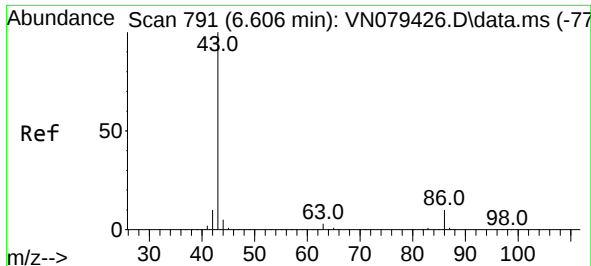
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#22
Diisopropyl ether
Concen: 53.172 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

Tgt Ion: 45 Resp: 583079
Ion Ratio Lower Upper
45 100
43 53.6 45.5 68.3
87 26.2 31.8 47.8
59 12.3 11.6 17.4





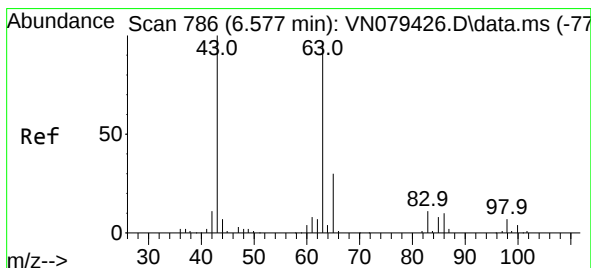
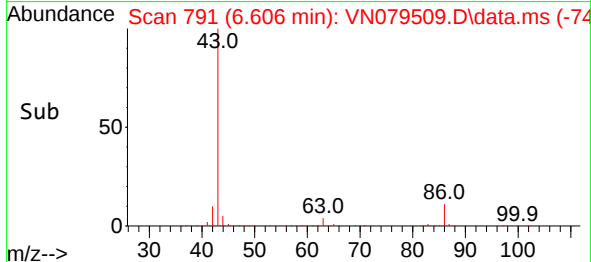
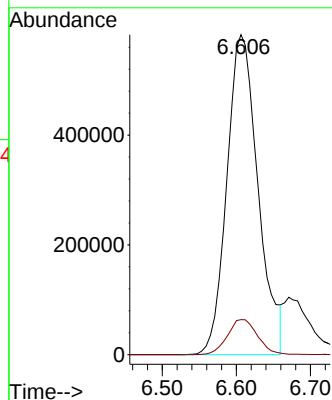
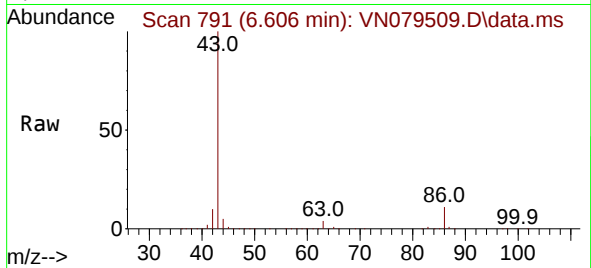
#23
 Vinyl Acetate
 Concen: 276.437 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079509.D
 Acq: 11 Oct 2023 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 170514
 Ion Ratio Lower Upper
 43 100
 86 11.0 13.0 19.6

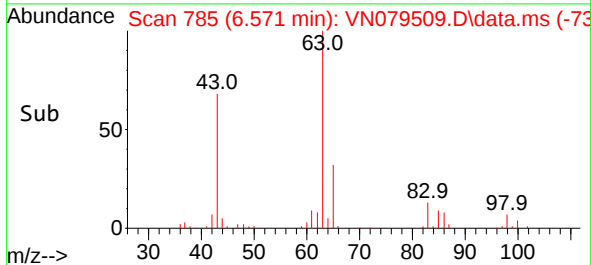
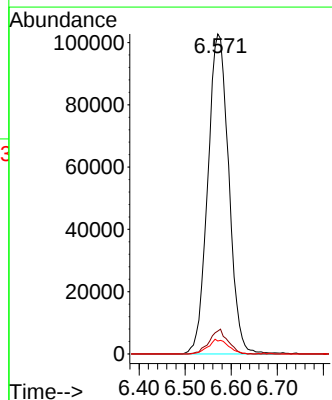
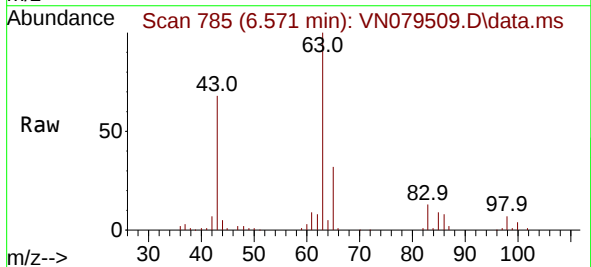
Manual Integrations
 APPROVED

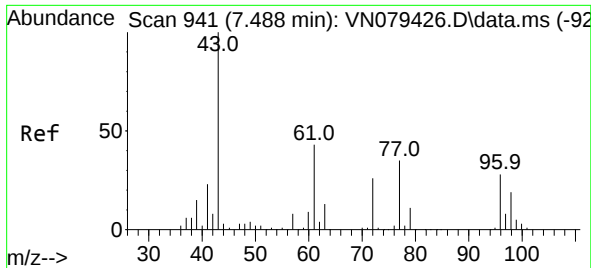
Reviewed By :John Carlone 10/12/2023
 Supervised By :Mahesh Dadoda 10/12/2023



#24
 1,1-Dichloroethane
 Concen: 48.449 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079509.D
 Acq: 11 Oct 2023 11:40

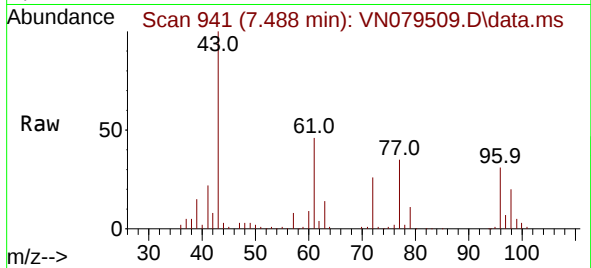
Tgt Ion: 63 Resp: 325155
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 4.0 2.5 7.4





#25
2-Butanone
Concen: 258.175 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

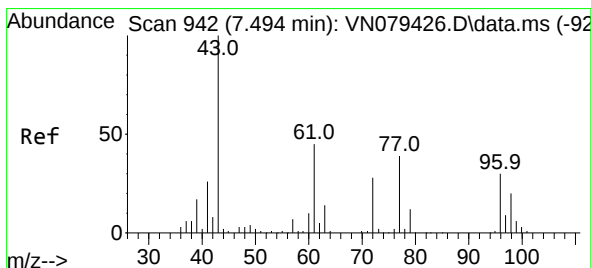
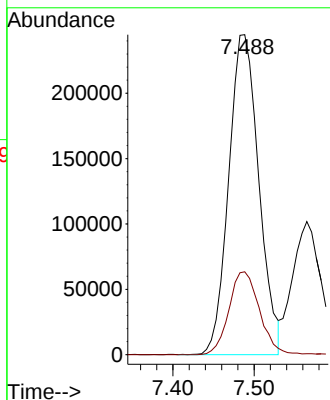
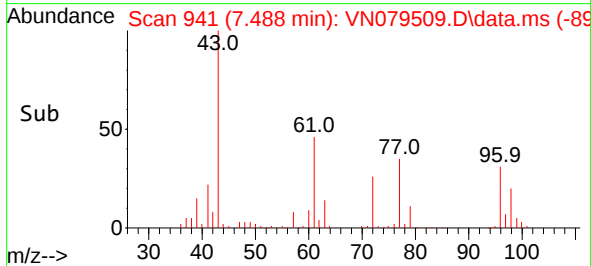
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



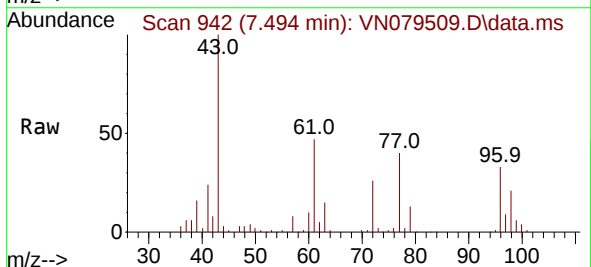
Tgt Ion: 43 Resp: 632062
Ion Ratio Lower Upper
43 100
72 25.9 30.2 45.2

Manual Integrations
APPROVED

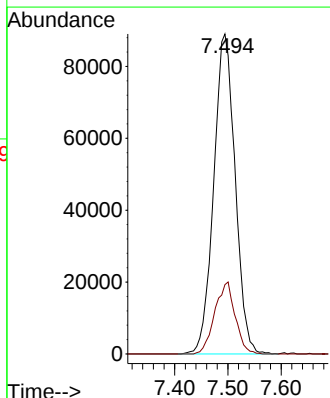
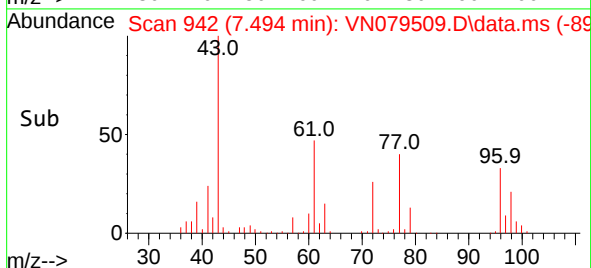
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

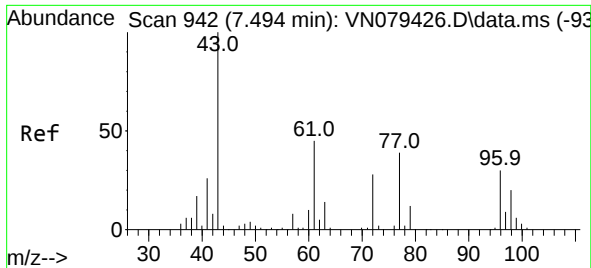


#26
2,2-Dichloropropane
Concen: 48.501 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40



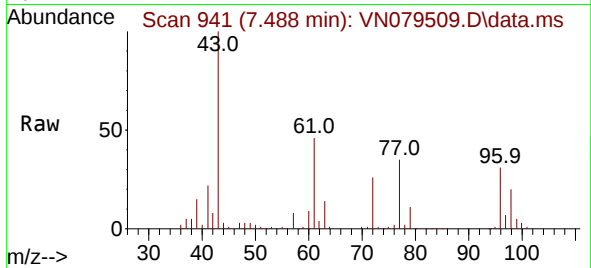
Tgt Ion: 77 Resp: 248754
Ion Ratio Lower Upper
77 100
97 21.4 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 50.640 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

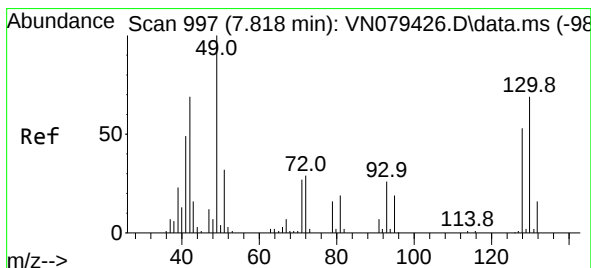
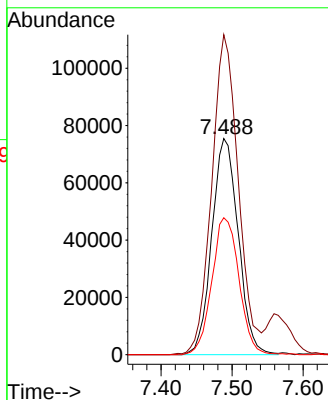
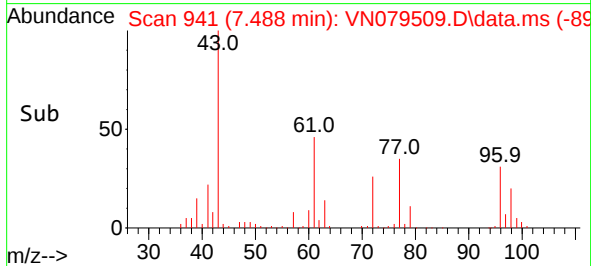
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 194718
Ion Ratio Lower Upper
96 100
61 149.2 0.0 255.2
98 65.3 0.0 128.8

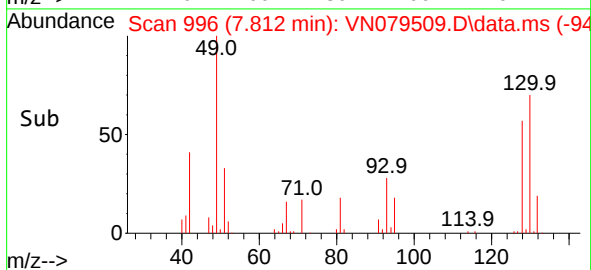
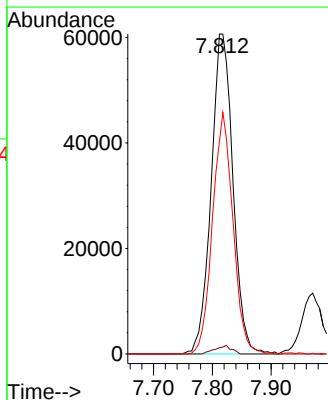
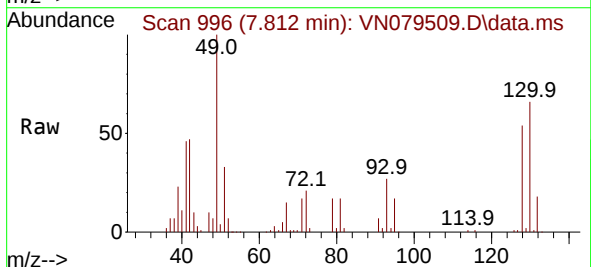
Manual Integrations
APPROVED

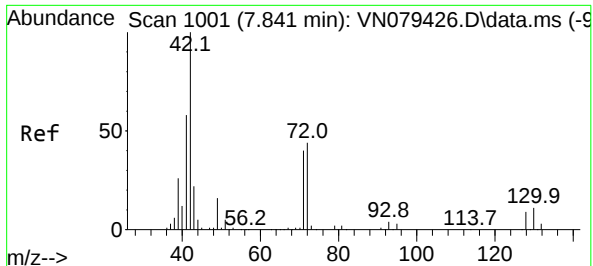
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#28
Bromochloromethane
Concen: 49.038 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

Tgt Ion: 49 Resp: 156588
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.8
130 70.7 75.3 112.9#





#29

Tetrahydrofuran

Concen: 259.944 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079509.D

Acq: 11 Oct 2023 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 41158

Ion Ratio Lower Upper

42 100

72 43.1 49.8 74.6

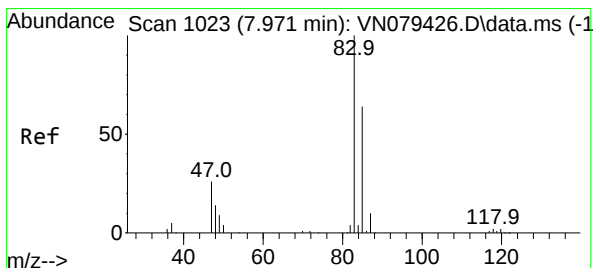
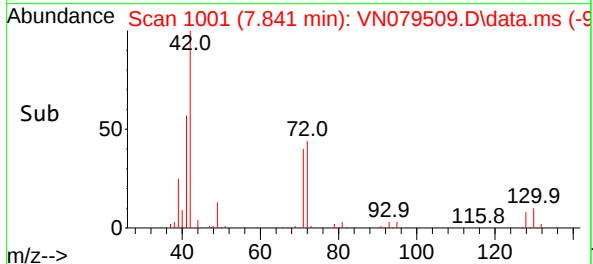
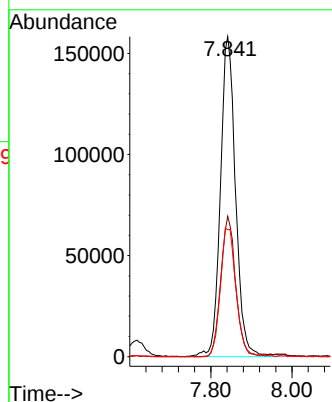
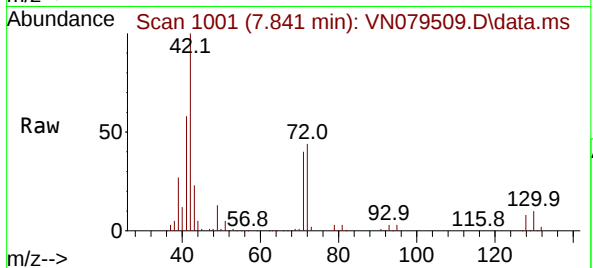
71 41.2 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#30

Chloroform

Concen: 49.155 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN079509.D

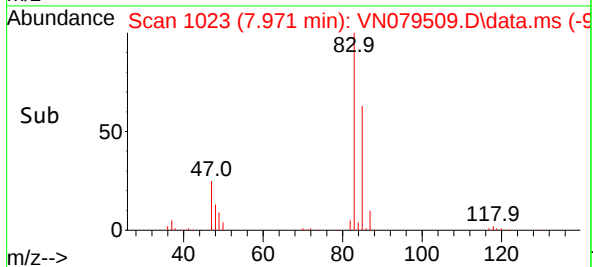
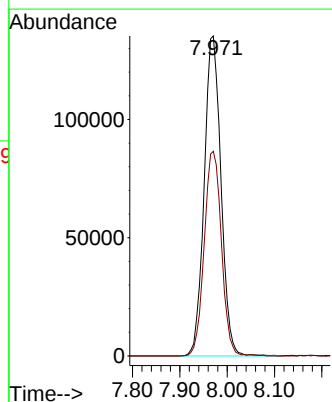
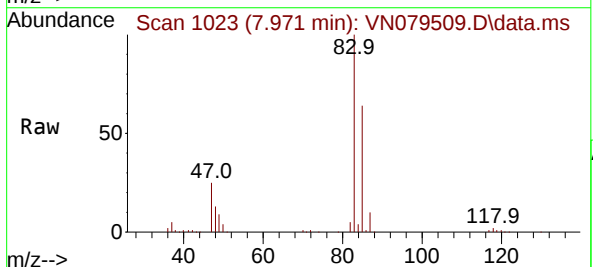
Acq: 11 Oct 2023 11:40

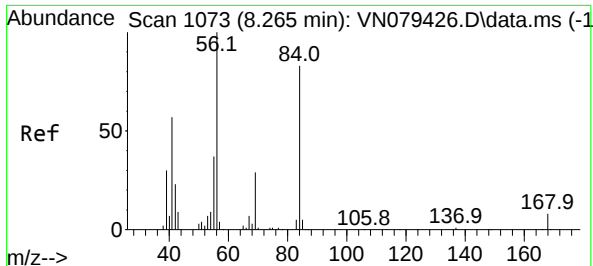
Tgt Ion: 83 Resp: 333314

Ion Ratio Lower Upper

83 100

85 63.9 55.4 83.0





#31

Cyclohexane

Concen: 40.071 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN079509.D

Acq: 11 Oct 2023 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 23638

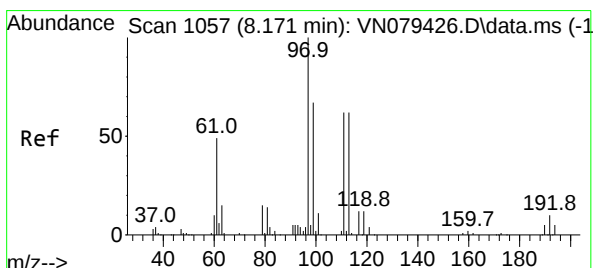
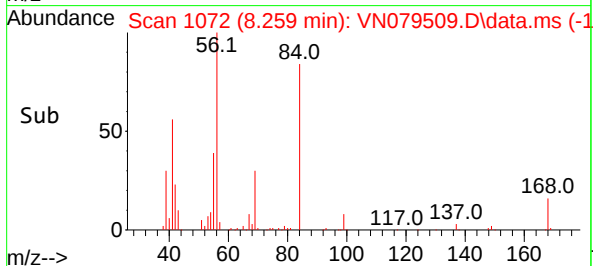
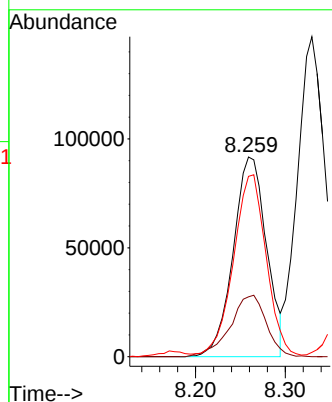
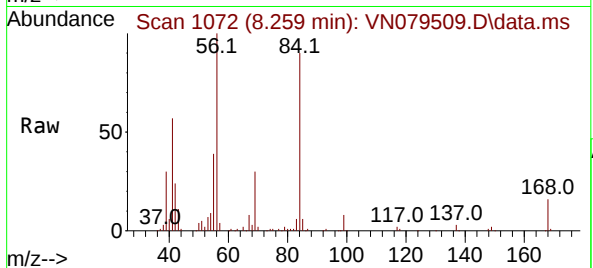
Ion	Ratio	Lower	Upper
56	100		
69	30.0	26.8	40.2
84	88.0	81.8	122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#32

1,1,1-Trichloroethane

Concen: 47.153 ug/l

RT: 8.171 min Scan# 1057

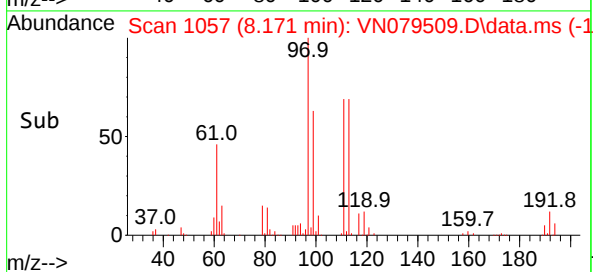
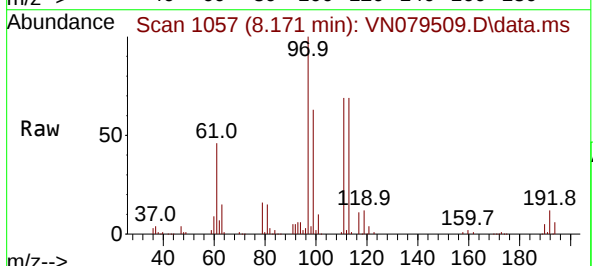
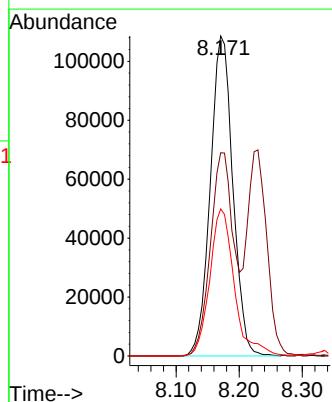
Delta R.T. -0.000 min

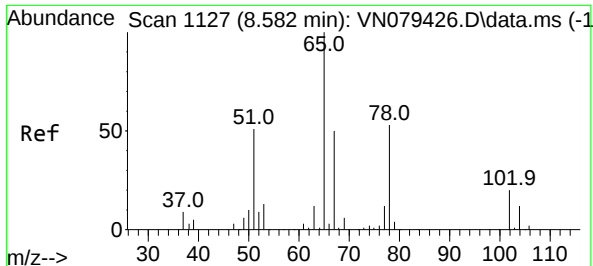
Lab File: VN079509.D

Acq: 11 Oct 2023 11:40

Tgt Ion: 97 Resp: 269080

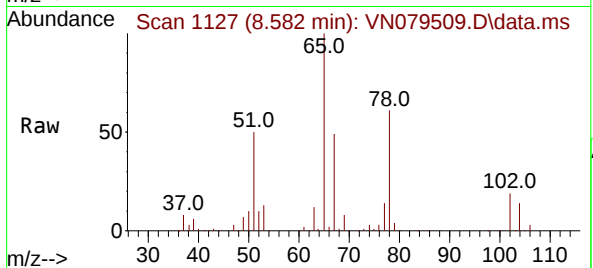
Ion	Ratio	Lower	Upper
97	100		
99	64.7	50.3	75.5
61	50.3	34.7	52.1





#33
1,2-Dichloroethane-d4
Concen: 51.465 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

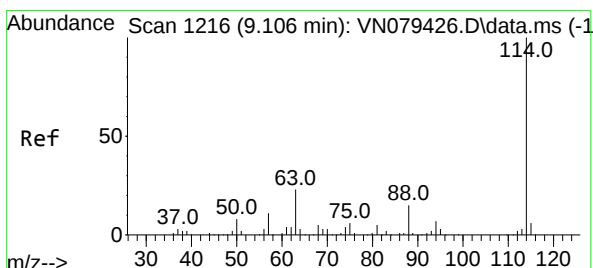
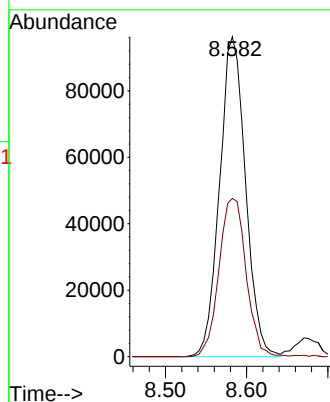
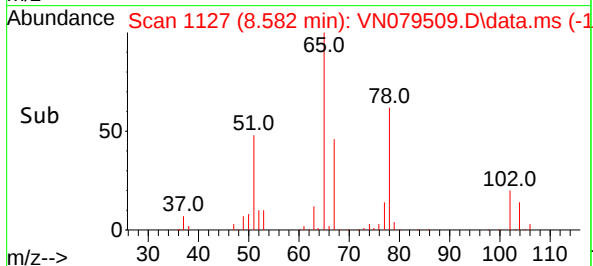
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



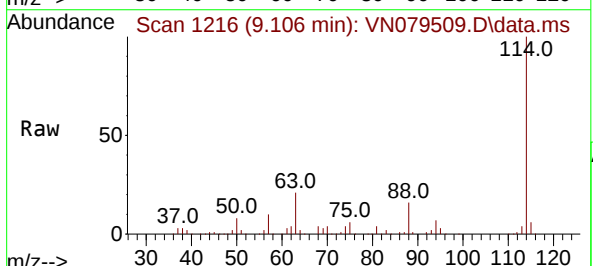
Tgt Ion: 65 Resp: 21402
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.6

Manual Integrations
APPROVED

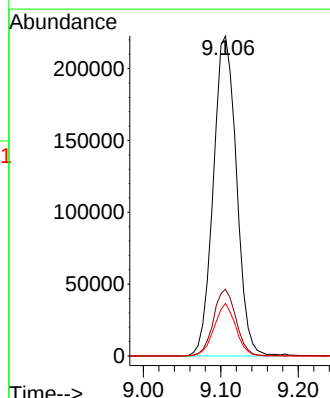
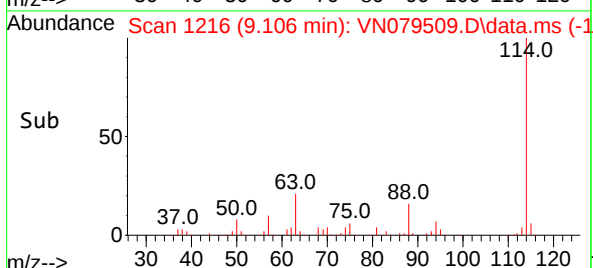
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40



Tgt Ion:114 Resp: 464135
Ion Ratio Lower Upper
114 100
63 20.8 0.0 36.4
88 16.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.003 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079509.D

Acq: 11 Oct 2023 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 170118

Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

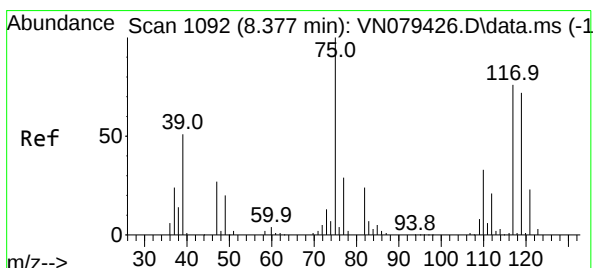
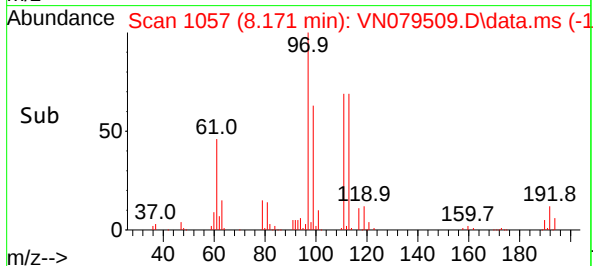
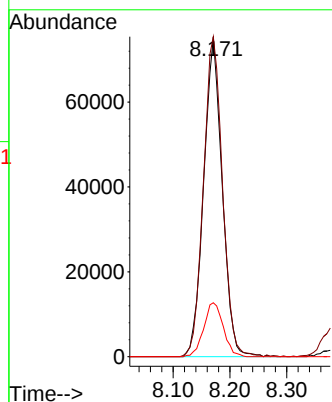
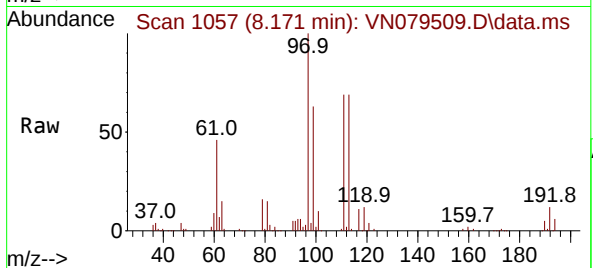
192 17.8 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#36

1,1-Dichloropropene

Concen: 45.540 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN079509.D

Acq: 11 Oct 2023 11:40

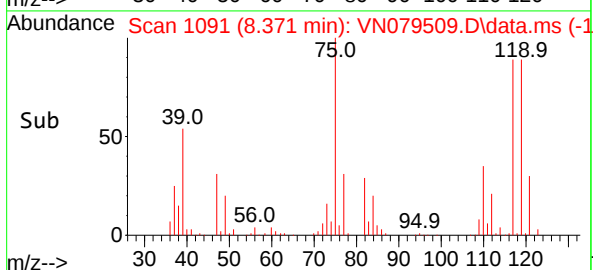
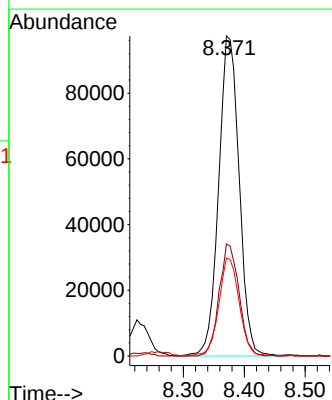
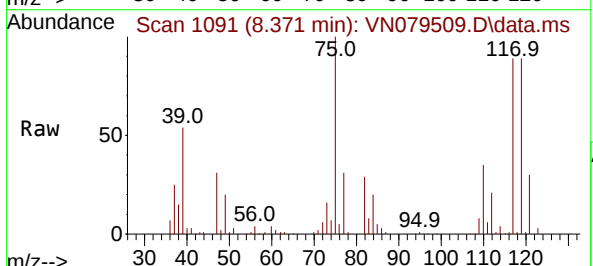
Tgt Ion: 75 Resp: 227972

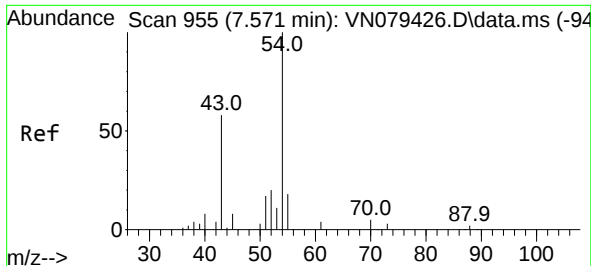
Ion Ratio Lower Upper

75 100

110 33.8 19.1 57.3

77 30.5 25.0 37.4





#37

Ethyl Acetate

Concen: 51.572 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079509.D

Acq: 11 Oct 2023 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 256890

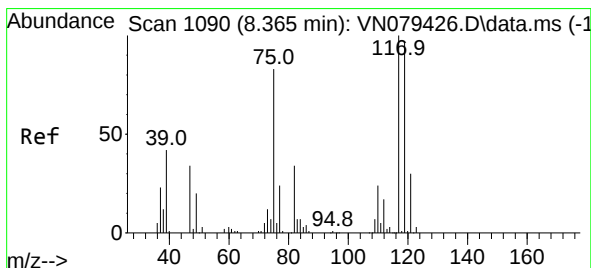
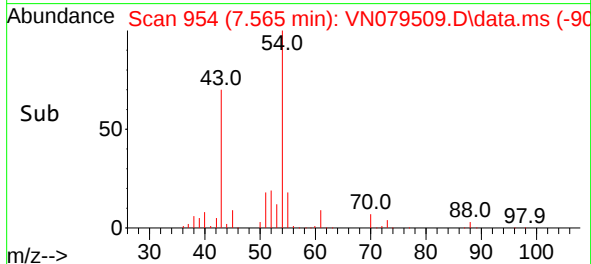
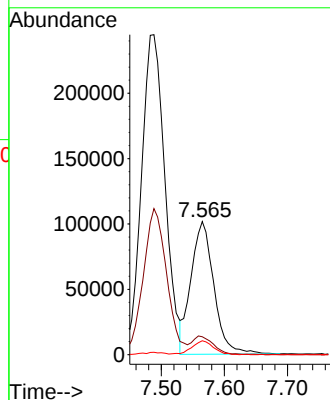
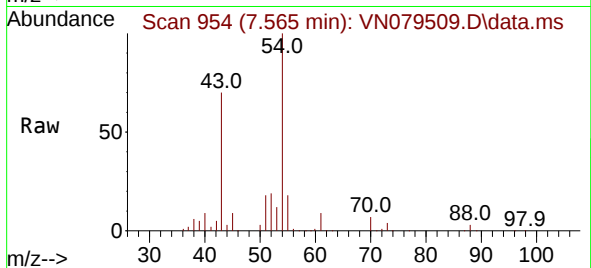
Ion	Ratio	Lower	Upper
43	100		
61	12.4	13.2	19.8
70	9.8	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#38

Carbon Tetrachloride

Concen: 45.125 ug/l

RT: 8.365 min Scan# 1090

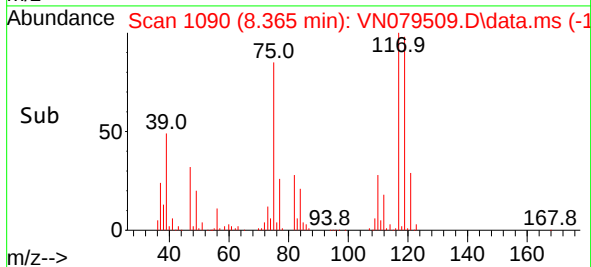
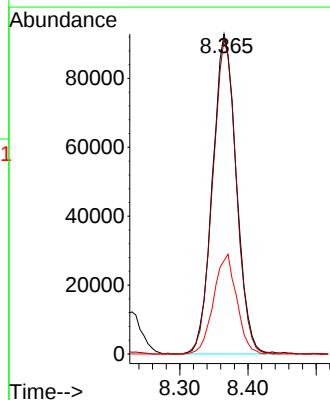
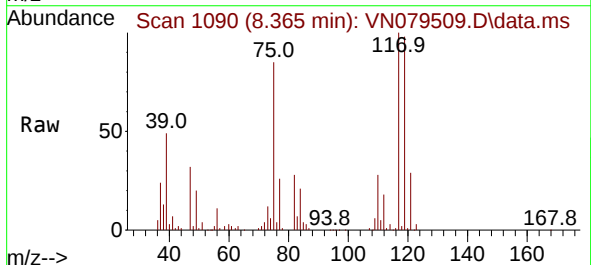
Delta R.T. -0.000 min

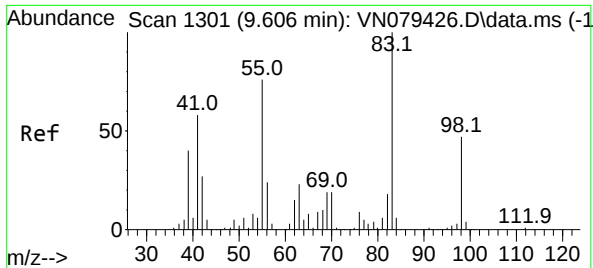
Lab File: VN079509.D

Acq: 11 Oct 2023 11:40

Tgt Ion:117 Resp: 226147

Ion	Ratio	Lower	Upper
117	100		
119	98.4	77.3	115.9
121	29.2	23.3	34.9





#39

Methylcyclohexane

Concen: 45.241 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079509.D

Acq: 11 Oct 2023 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

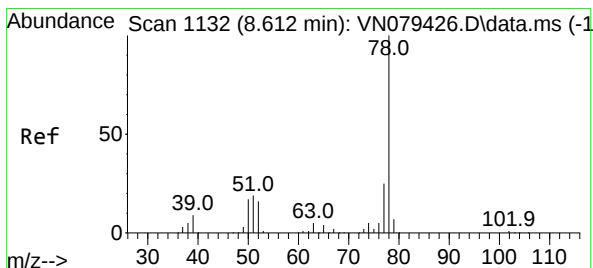
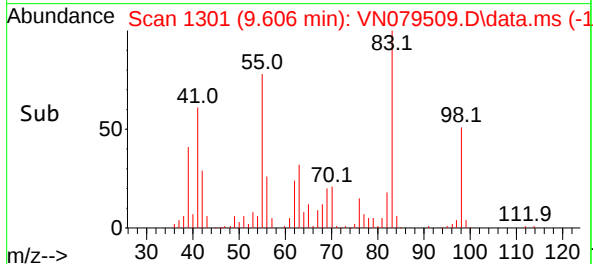
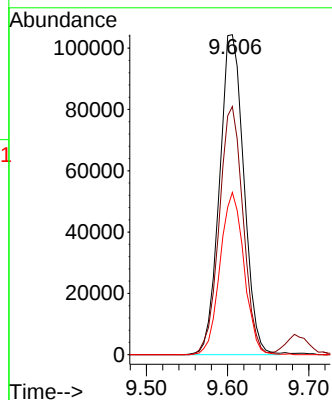
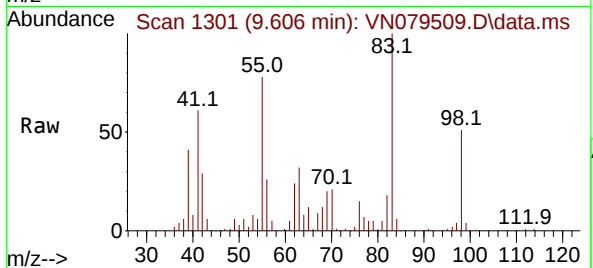
Tgt Ion: 83 Resp: 217592
 Ion Ratio Lower Upper
 83 100
 55 77.6 49.1 73.7
 98 50.7 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#40

Benzene

Concen: 48.994 ug/l

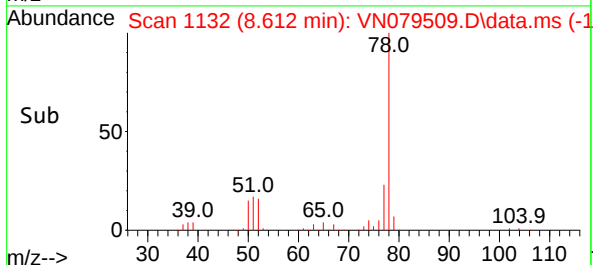
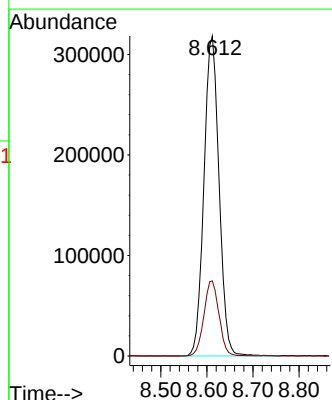
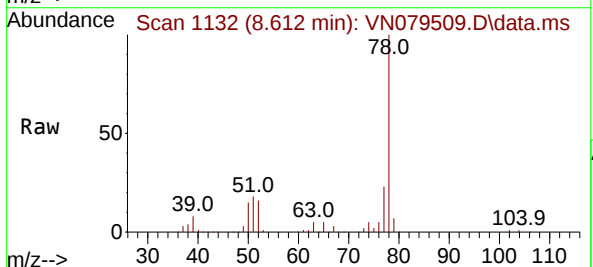
RT: 8.612 min Scan# 1132

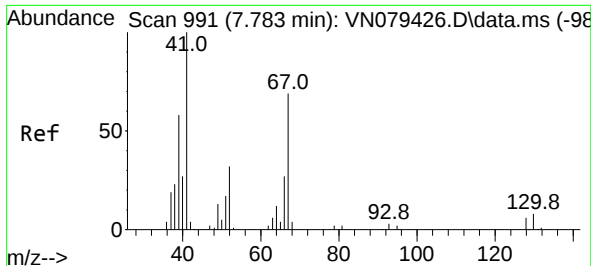
Delta R.T. -0.000 min

Lab File: VN079509.D

Acq: 11 Oct 2023 11:40

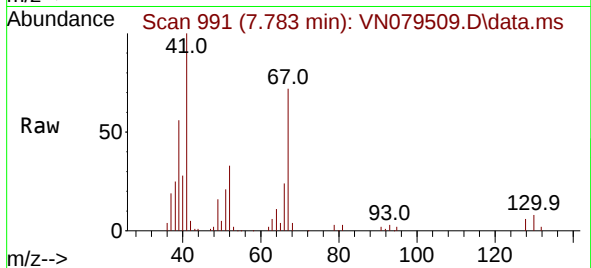
Tgt Ion: 78 Resp: 728402
 Ion Ratio Lower Upper
 78 100
 77 23.4 19.0 28.6





#41
Methacrylonitrile
Concen: 49.388 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

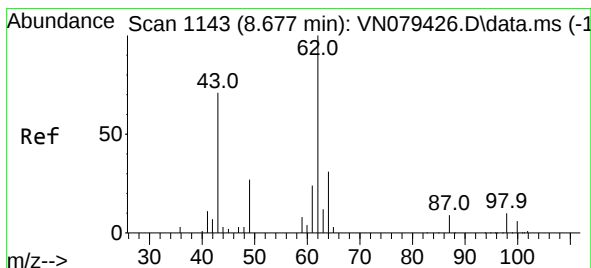
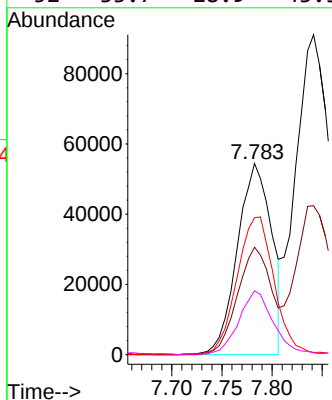
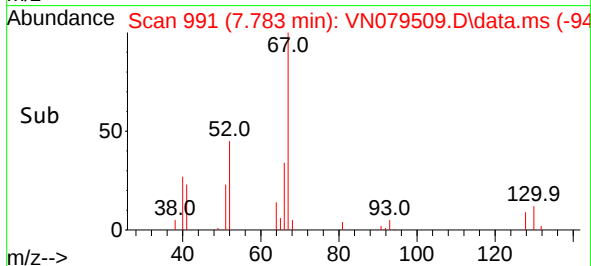
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



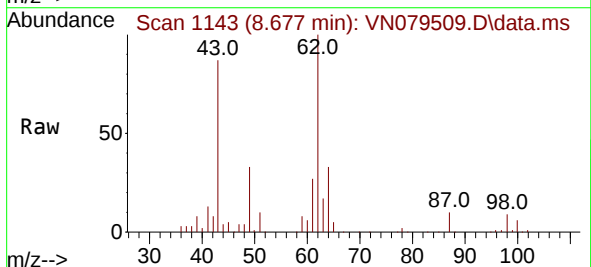
Tgt Ion: 41 Resp: 129330
Ion Ratio Lower Upper
41 100
39 55.2 42.6 64.0
67 78.4 77.5 116.3
52 33.7 28.9 43.3

Manual Integrations
APPROVED

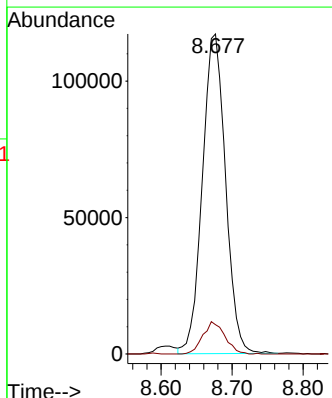
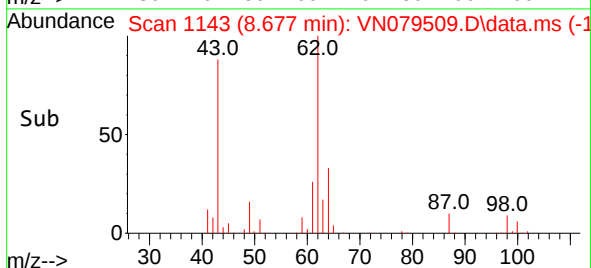
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

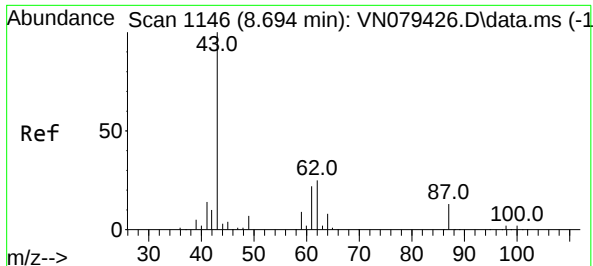


#42
1,2-Dichloroethane
Concen: 49.129 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40



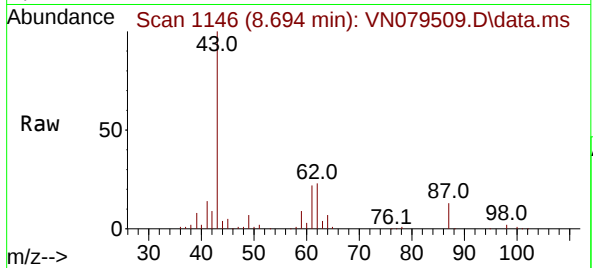
Tgt Ion: 62 Resp: 265400
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.8





#43
Isopropyl Acetate
Concen: 51.033 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

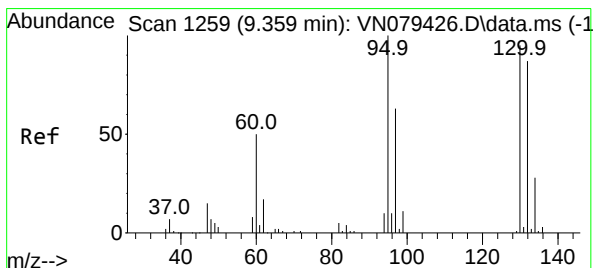
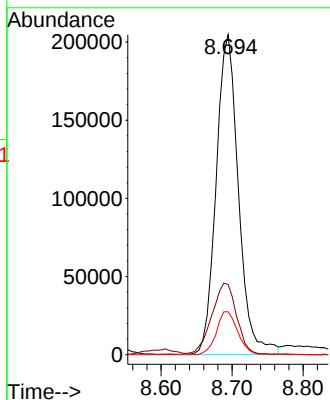
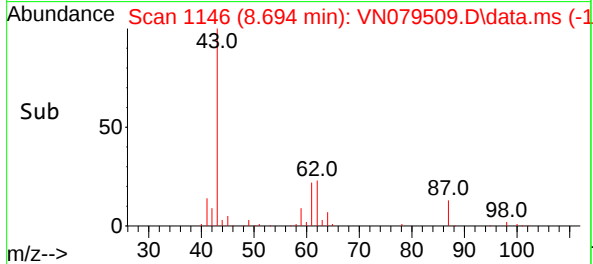
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



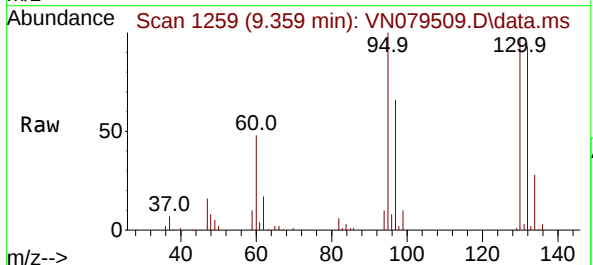
Tgt Ion: 43 Resp: 445359
Ion Ratio Lower Upper
43 100
61 24.6 24.7 37.1
87 12.9 14.6 21.8

Manual Integrations
APPROVED

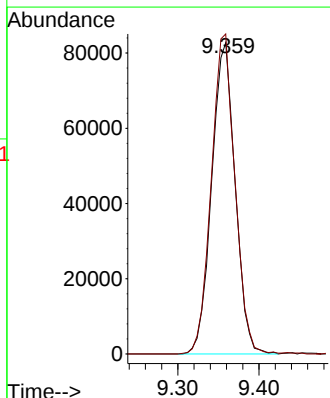
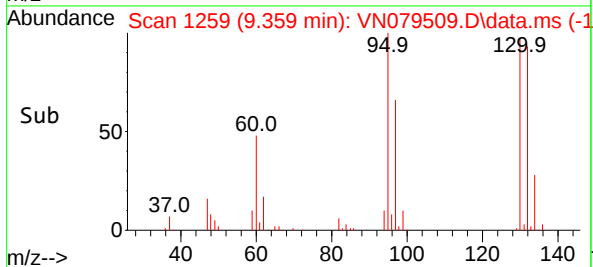
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

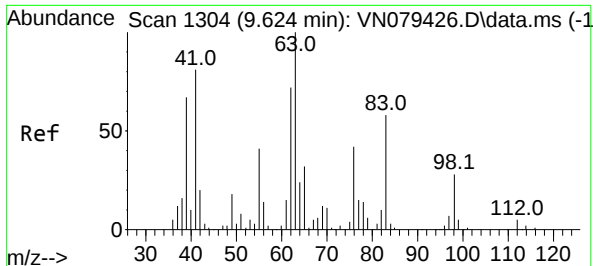


#44
Trichloroethene
Concen: 47.445 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40



Tgt Ion:130 Resp: 166021
Ion Ratio Lower Upper
130 100
95 102.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 49.768 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079509.D

Acq: 11 Oct 2023 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 194940

Ion Ratio Lower Upper

63 100

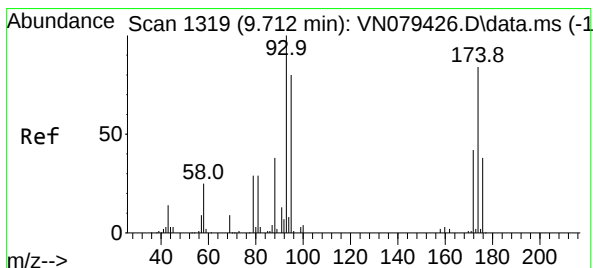
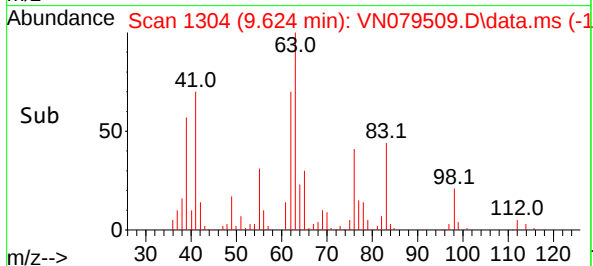
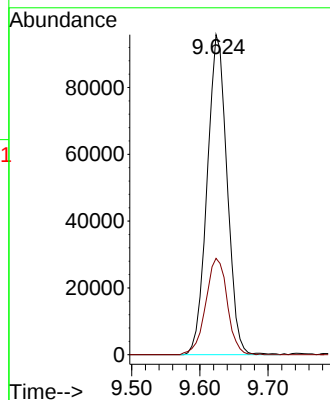
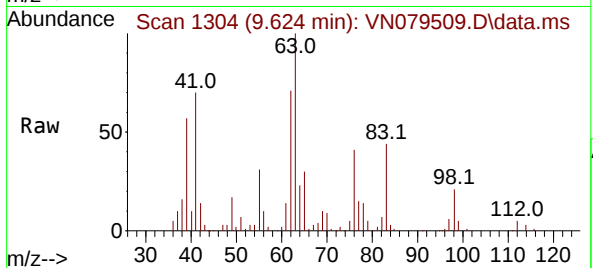
65 30.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#46

Dibromomethane

Concen: 51.698 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079509.D

Acq: 11 Oct 2023 11:40

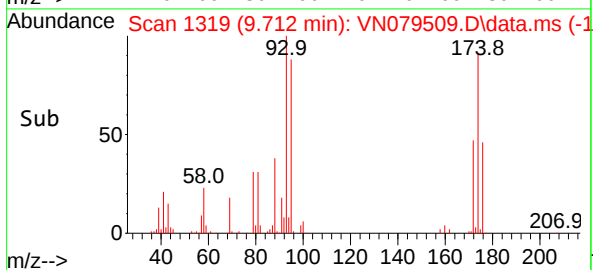
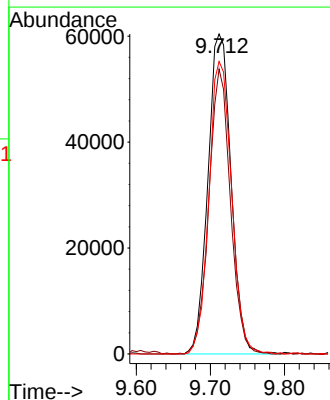
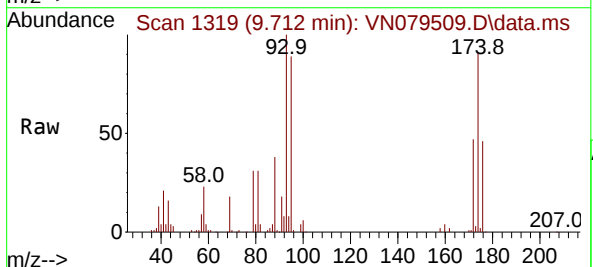
Tgt Ion: 93 Resp: 131157

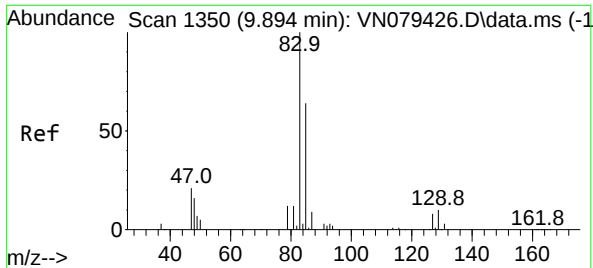
Ion Ratio Lower Upper

93 100

95 82.5 63.8 95.8

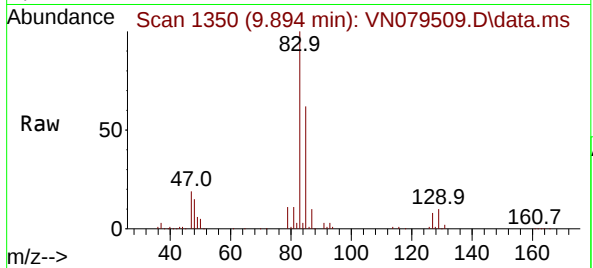
174 89.7 65.6 98.4





#47
Bromodichloromethane
Concen: 51.766 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

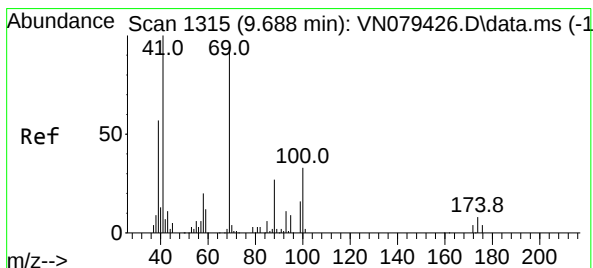
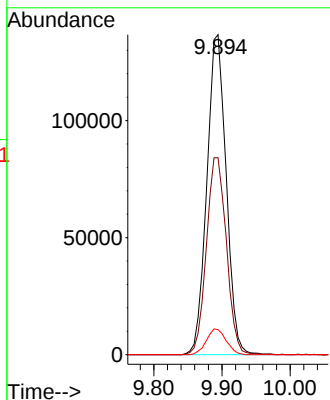
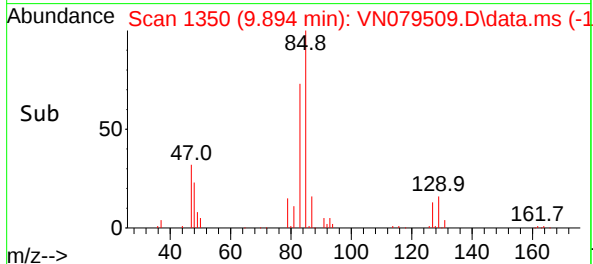
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 270145
Ion Ratio Lower Upper
83 100
85 61.5 49.6 74.4
127 7.8 7.0 10.6

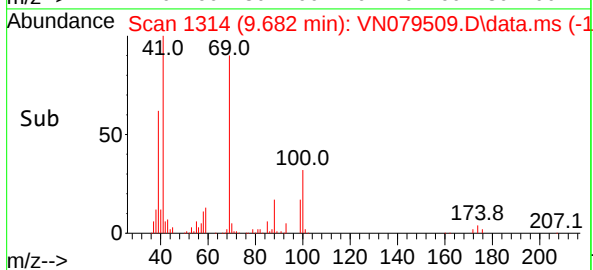
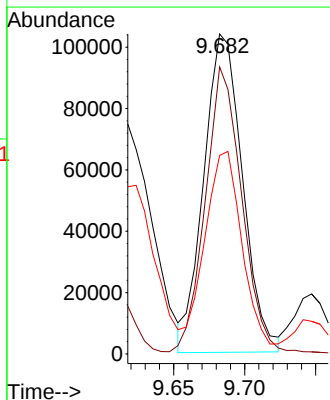
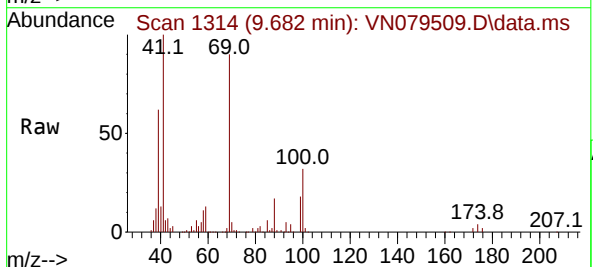
Manual Integrations
APPROVED

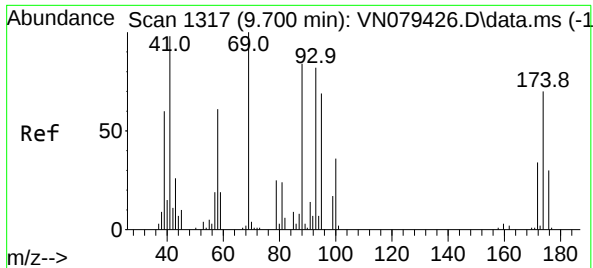
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#48
Methyl methacrylate
Concen: 52.687 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

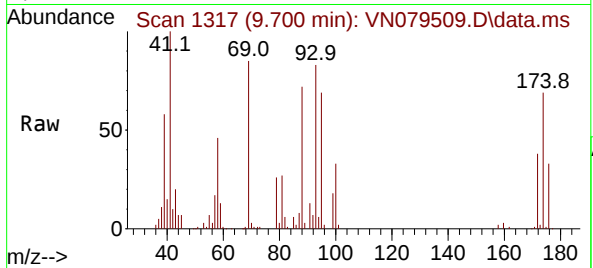
Tgt Ion: 41 Resp: 197027
Ion Ratio Lower Upper
41 100
69 85.3 90.4 135.6#
39 63.1 54.6 81.8





#49
1,4-Dioxane
Concen: 1092.741 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

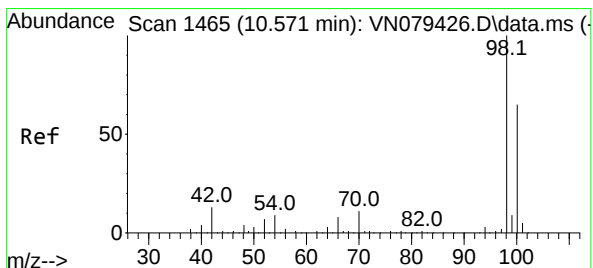
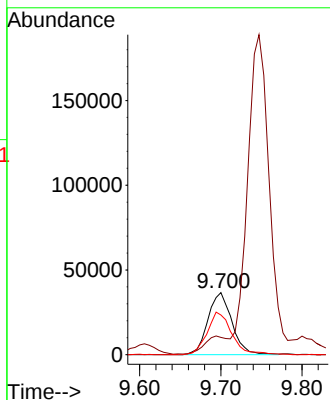
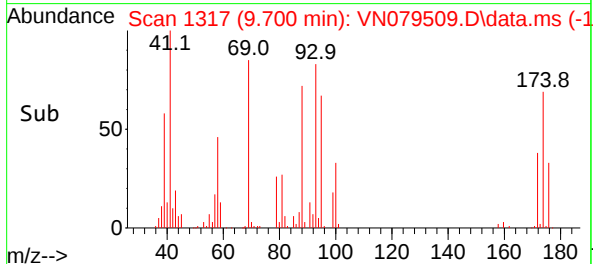
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 75270
Ion Ratio Lower Upper
88 100
43 29.5 17.0 25.6
58 70.6 47.0 70.4

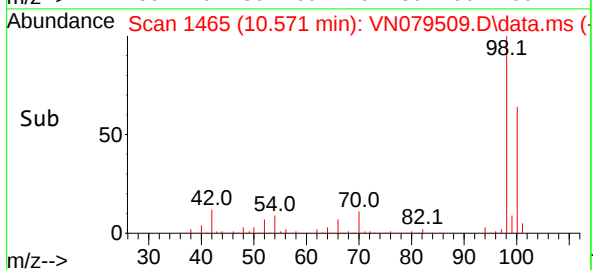
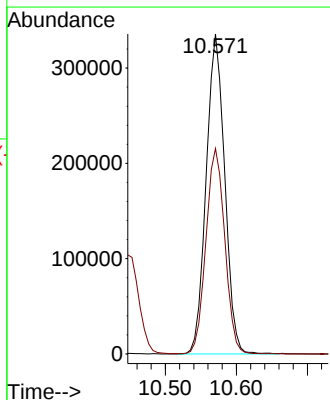
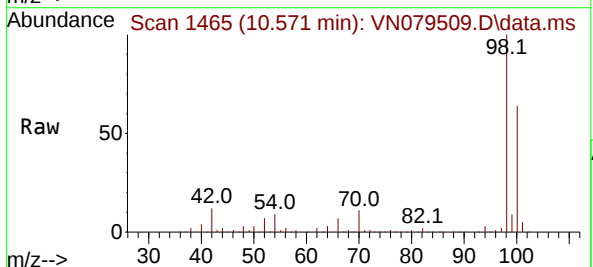
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#50
Toluene-d8
Concen: 50.491 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

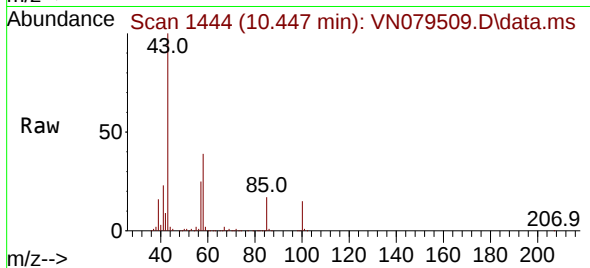
Tgt Ion: 98 Resp: 609354
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 261.468 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

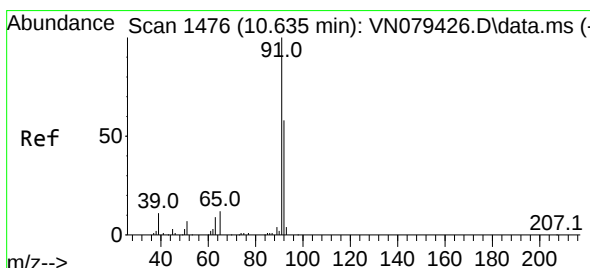
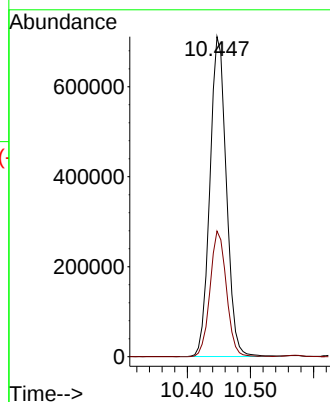
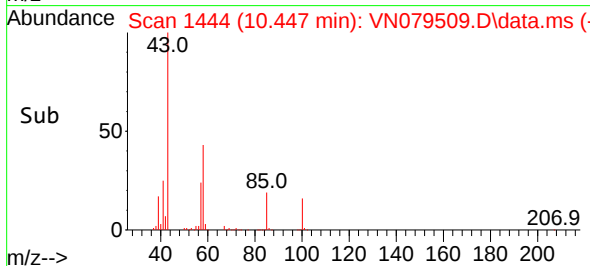
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 128806
Ion Ratio Lower Upper
43 100
58 39.0 36.6 54.8

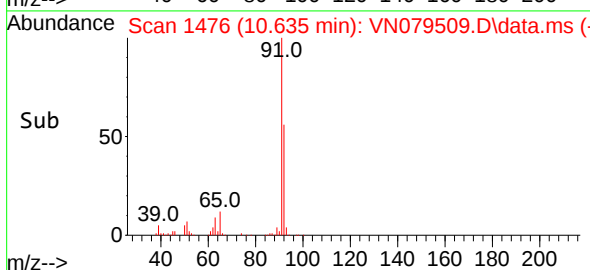
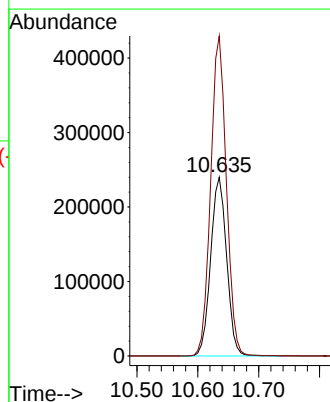
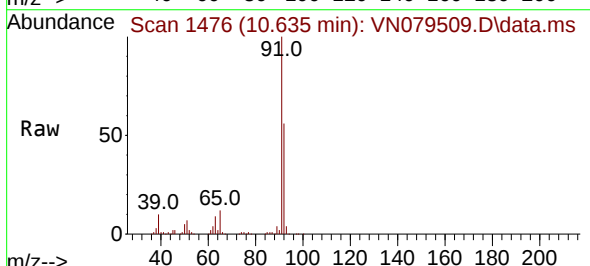
Manual Integrations
APPROVED

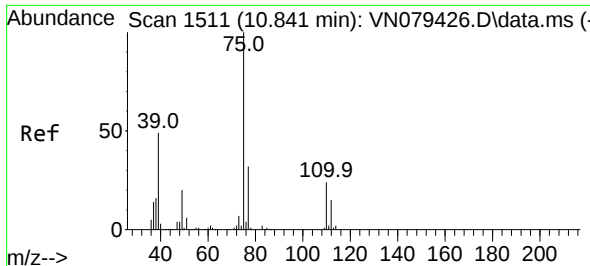
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#52
Toluene
Concen: 49.923 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

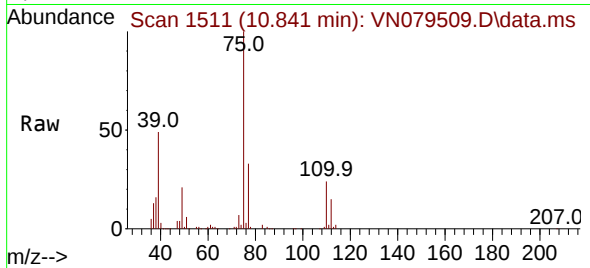
Tgt Ion: 92 Resp: 436886
Ion Ratio Lower Upper
92 100
91 176.3 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 54.613 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

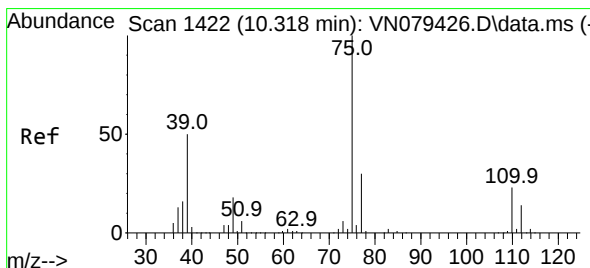
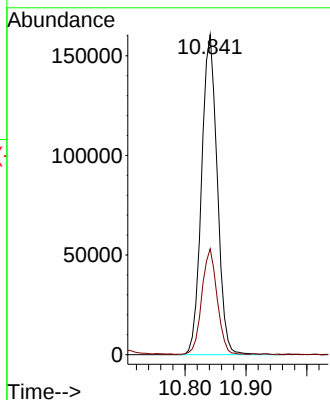
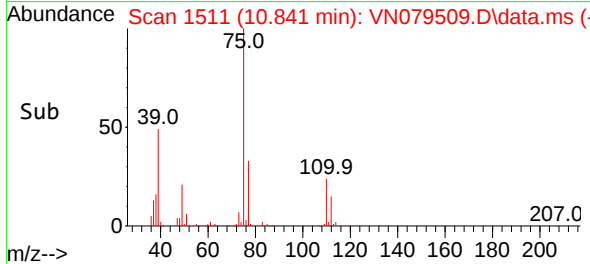
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



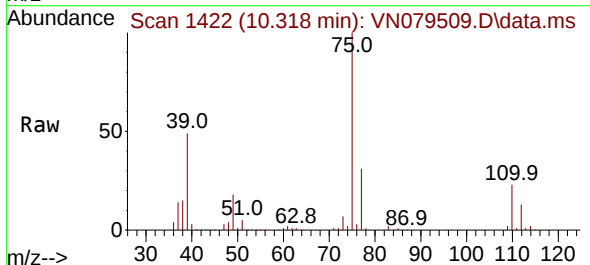
Tgt Ion: 75 Resp: 28721
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.0

Manual Integrations
APPROVED

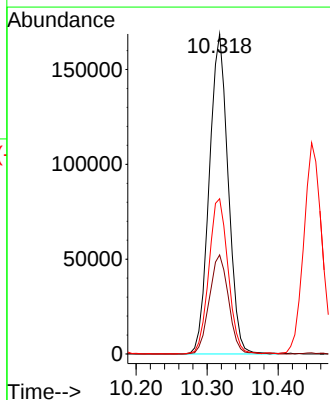
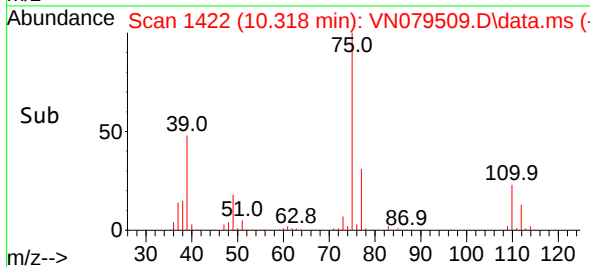
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

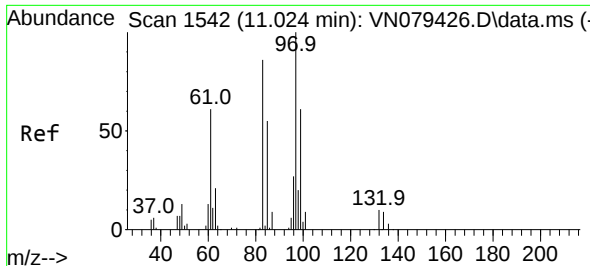


#54
cis-1,3-Dichloropropene
Concen: 54.126 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40



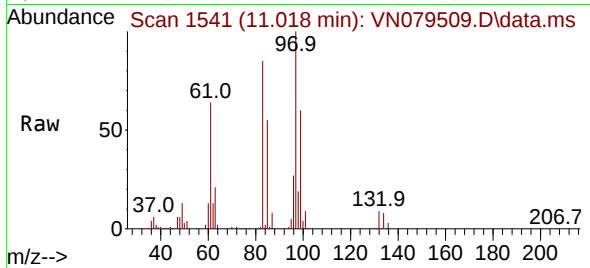
Tgt Ion: 75 Resp: 311607
Ion Ratio Lower Upper
75 100
77 31.0 26.1 39.1
39 48.4 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 52.251 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

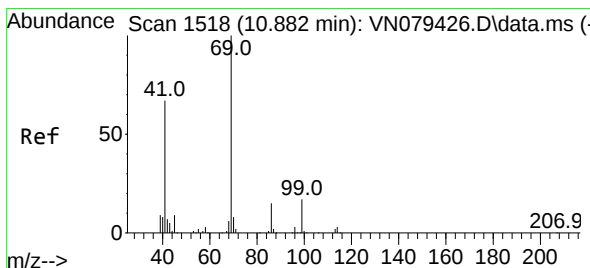
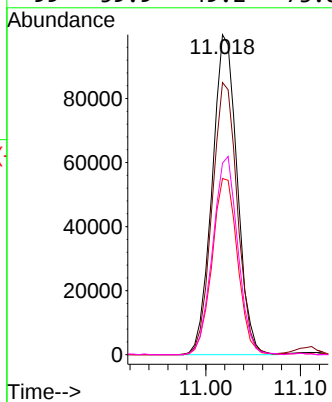
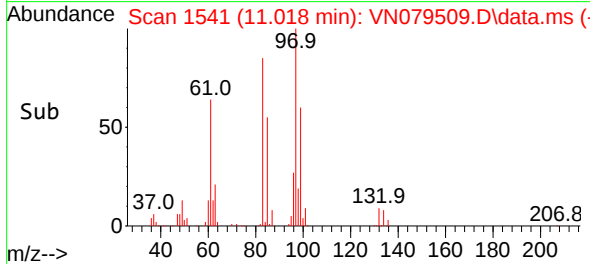
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



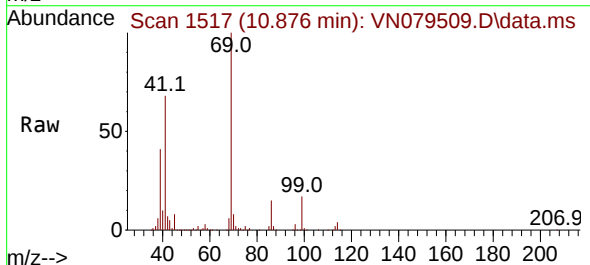
Tgt Ion: 97 Resp: 183570
Ion Ratio Lower Upper
97 100
83 85.1 65.1 97.7
85 55.1 43.4 65.2
99 59.9 49.2 73.8

Manual Integrations
APPROVED

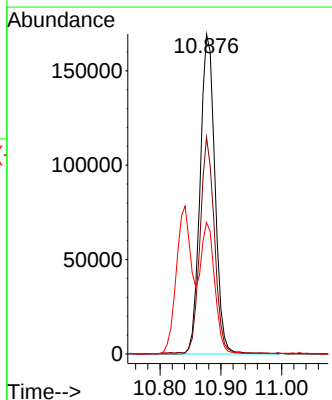
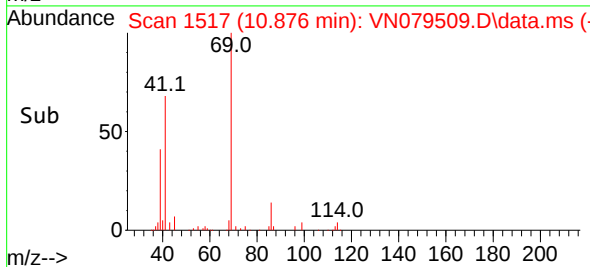
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#56
Ethyl methacrylate
Concen: 59.439 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40



Tgt Ion: 69 Resp: 286959
Ion Ratio Lower Upper
69 100
41 65.1 39.6 59.4#
39 39.2 28.6 43.0





#57

1,3-Dichloropropane

Concen: 53.926 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VN079509.D

Acq: 11 Oct 2023 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 32715

Ion Ratio Lower Upper

76 100

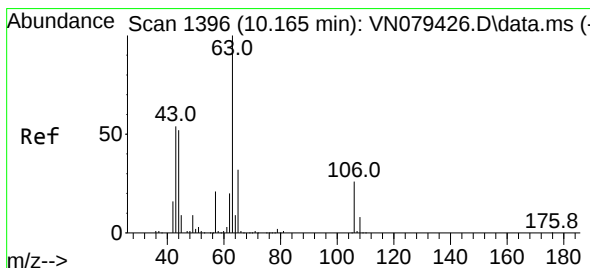
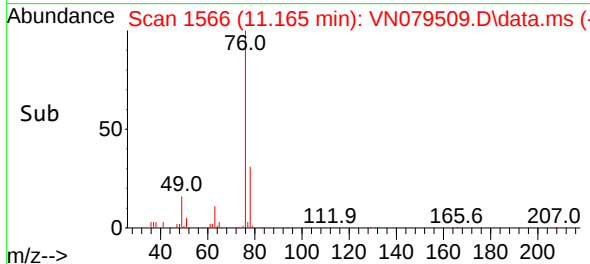
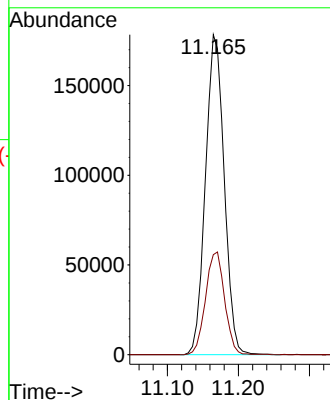
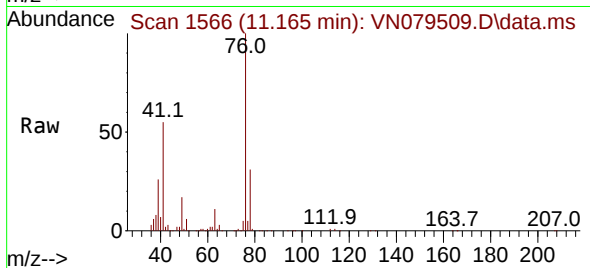
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#58

2-Chloroethyl Vinyl ether

Concen: 298.461 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079509.D

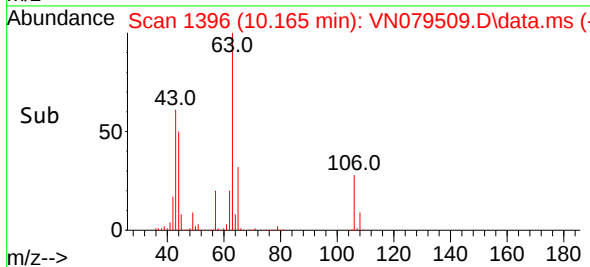
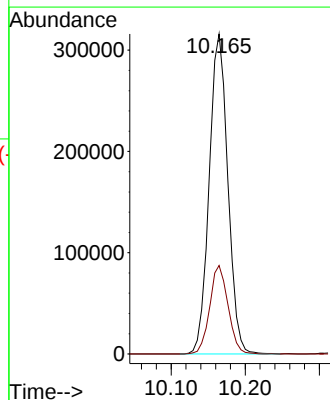
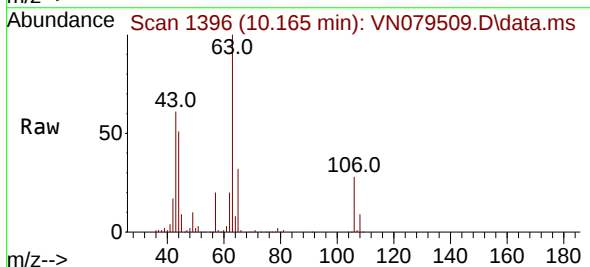
Acq: 11 Oct 2023 11:40

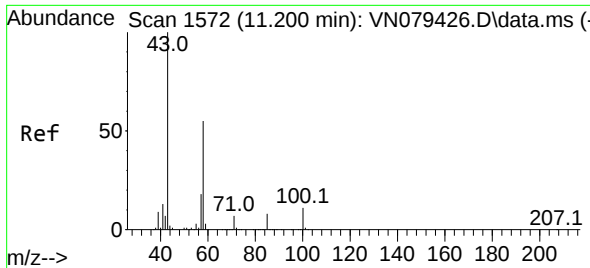
Tgt Ion: 63 Resp: 551818

Ion Ratio Lower Upper

63 100

106 27.1 26.2 39.4





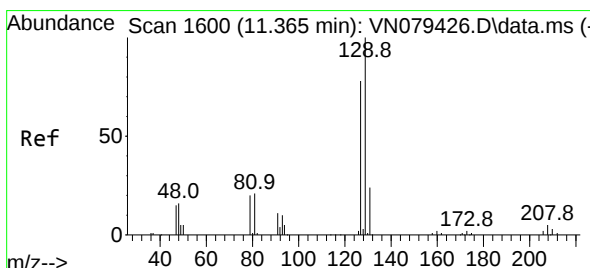
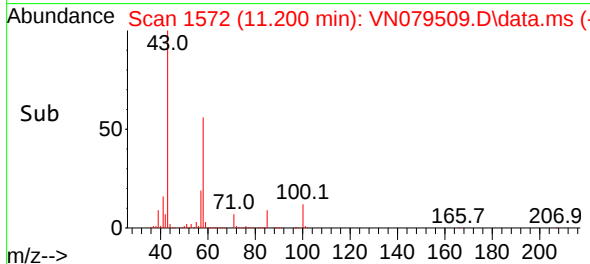
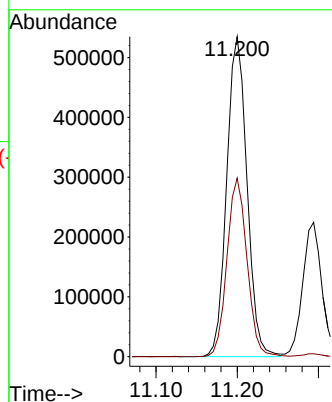
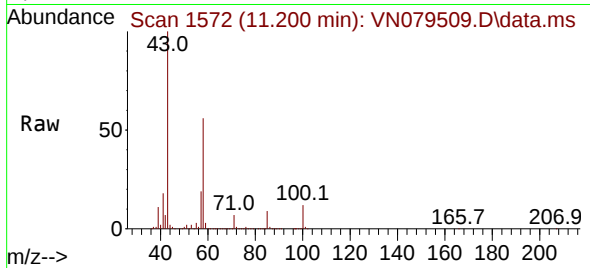
#59
2-Hexanone
Concen: 261.557 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 929792
Ion Ratio Lower Upper
43 100
58 55.1 31.7 95.1

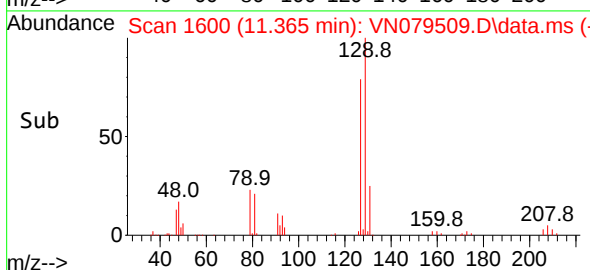
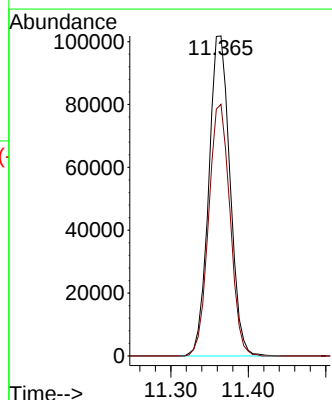
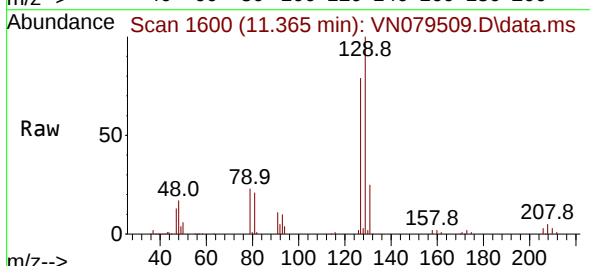
Manual Integrations
APPROVED

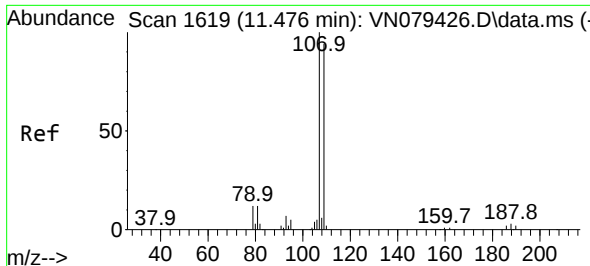
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#60
Dibromochloromethane
Concen: 54.896 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

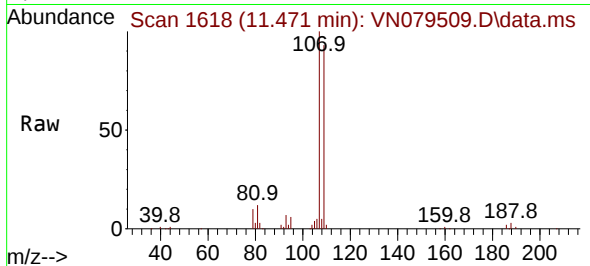
Tgt Ion:129 Resp: 193836
Ion Ratio Lower Upper
129 100
127 78.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 52.224 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

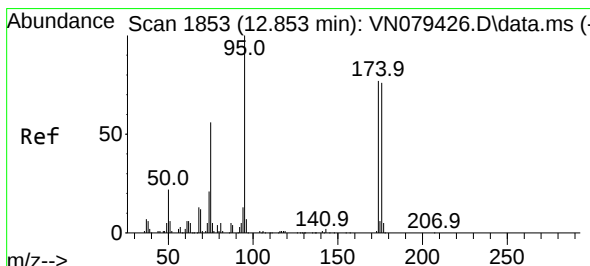
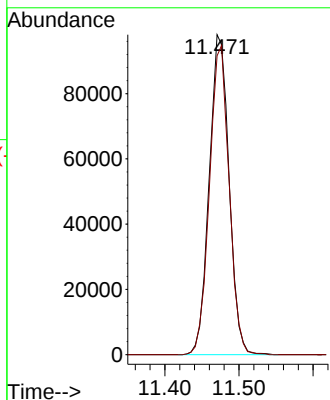
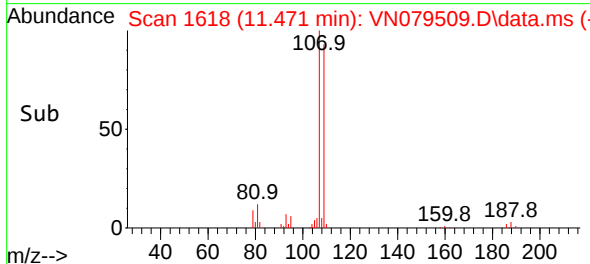
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 182080
Ion Ratio Lower Upper
107 100
109 95.6 76.6 114.8

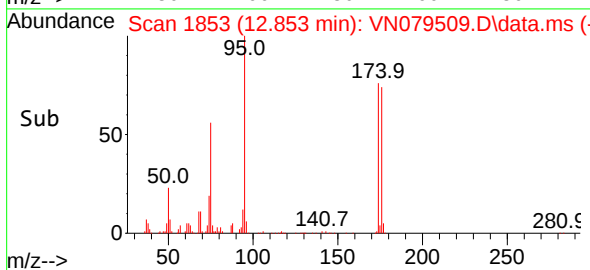
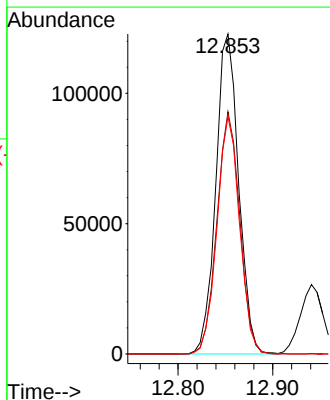
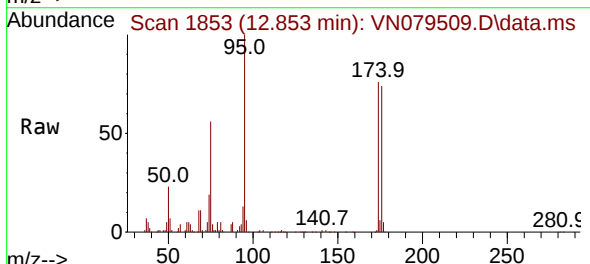
Manual Integrations
APPROVED

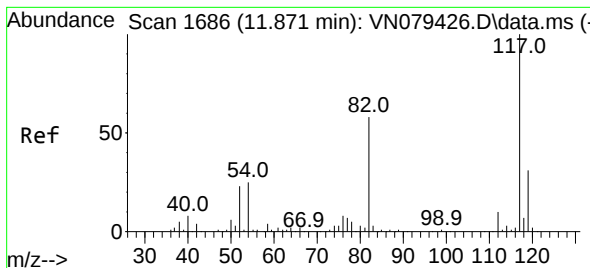
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#62
4-Bromofluorobenzene
Concen: 53.147 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

Tgt Ion: 95 Resp: 205840
Ion Ratio Lower Upper
95 100
174 75.8 0.0 143.8
176 73.1 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079509.D

Acq: 11 Oct 2023 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 418789

Ion Ratio Lower Upper

117 100

82 55.8 44.0 66.0

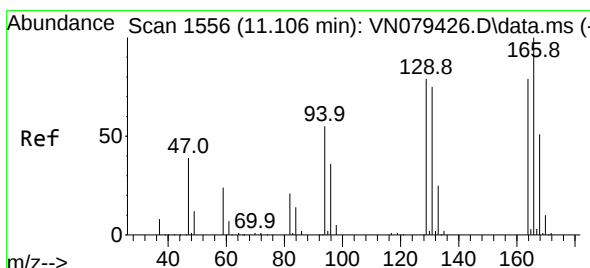
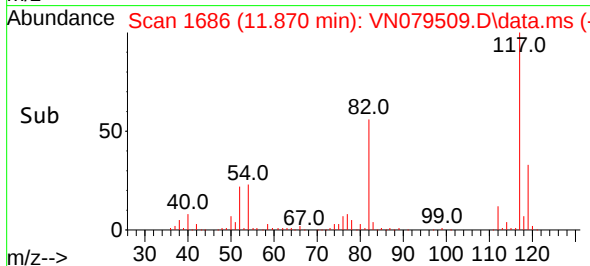
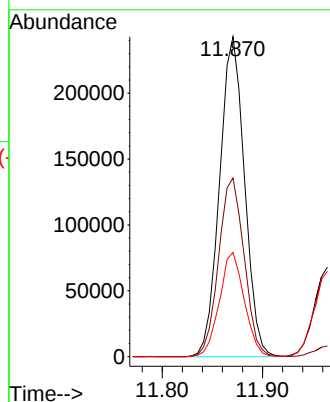
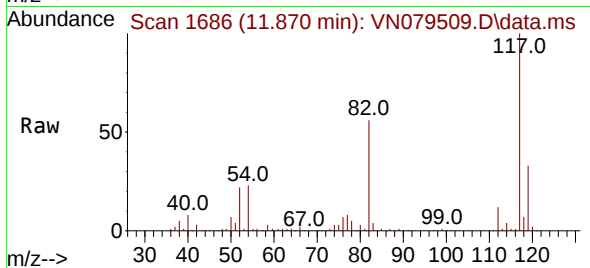
119 32.6 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#64

Tetrachloroethene

Concen: 45.604 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN079509.D

Acq: 11 Oct 2023 11:40

Tgt Ion:164 Resp: 131382

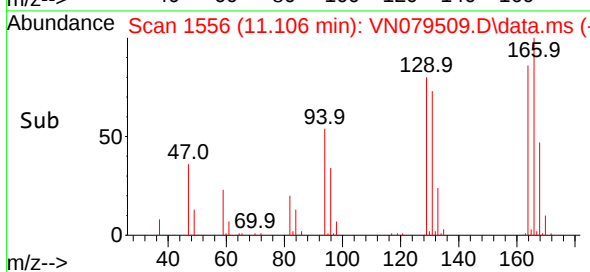
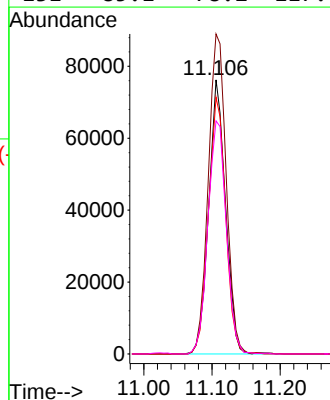
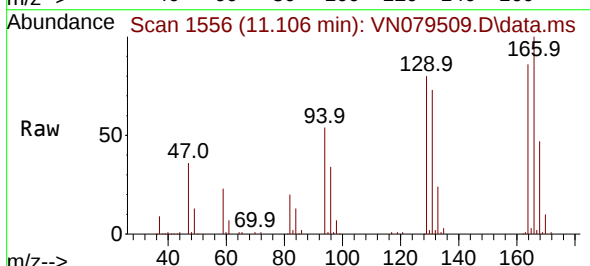
Ion Ratio Lower Upper

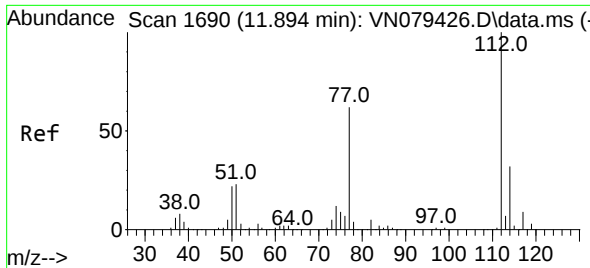
164 100

166 116.7 101.4 152.0

129 93.6 82.4 123.6

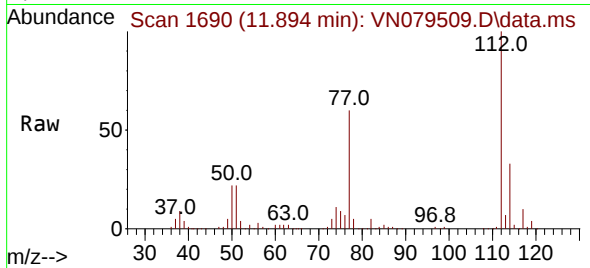
131 85.1 78.2 117.4





#65
Chlorobenzene
Concen: 49.147 ug/l
RT: 11.894 min Scan# 1189
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

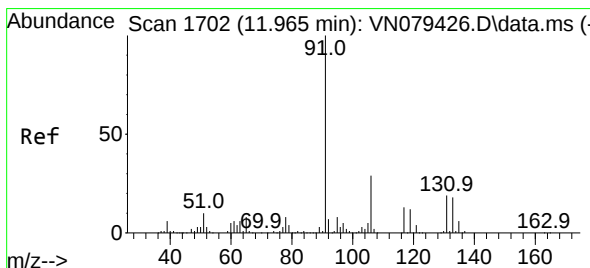
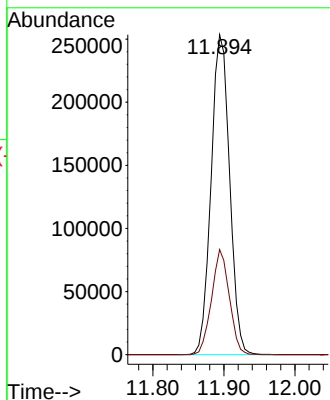
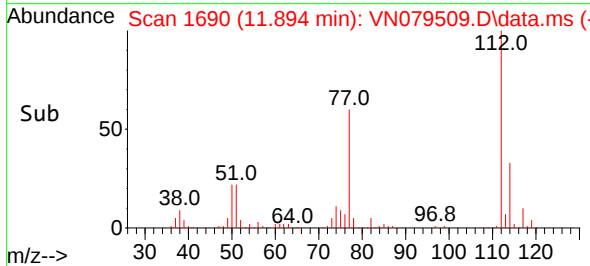
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 458372
Ion Ratio Lower Upper
112 100
114 32.8 25.0 37.4

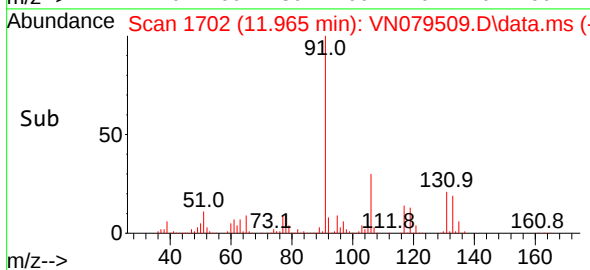
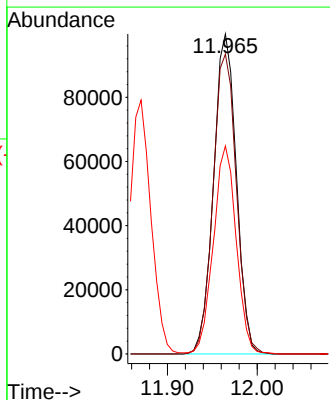
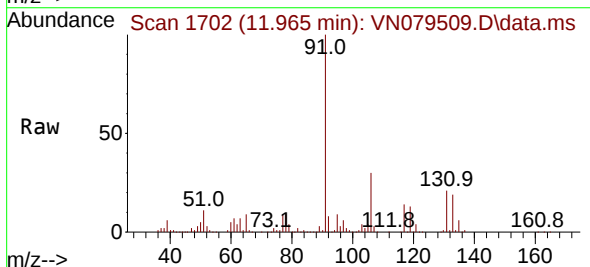
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 51.494 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

Tgt Ion:131 Resp: 175844
Ion Ratio Lower Upper
131 100
133 96.2 46.4 139.1
119 65.1 34.1 102.2





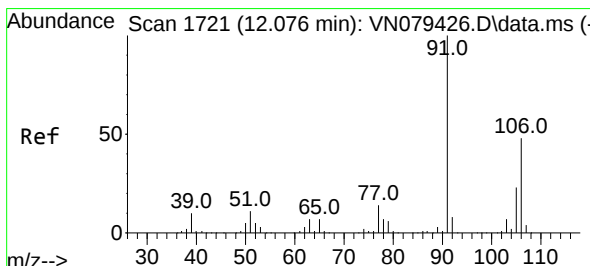
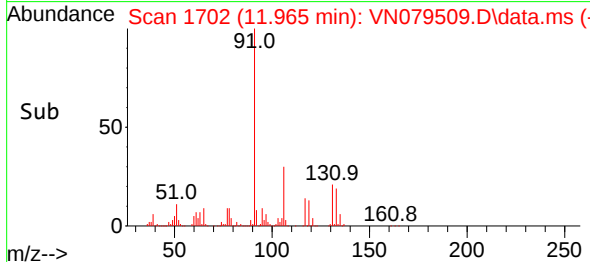
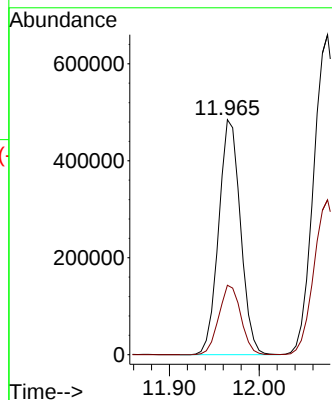
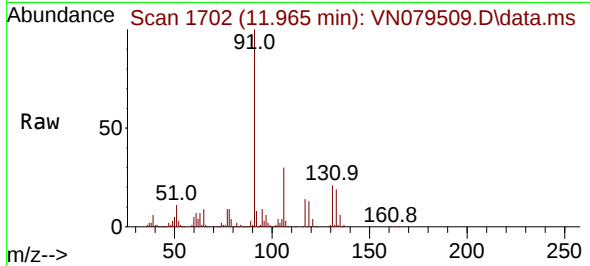
#67
Ethyl Benzene
Concen: 50.535 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 819204
Ion Ratio Lower Upper
91 100
106 29.5 25.6 38.4

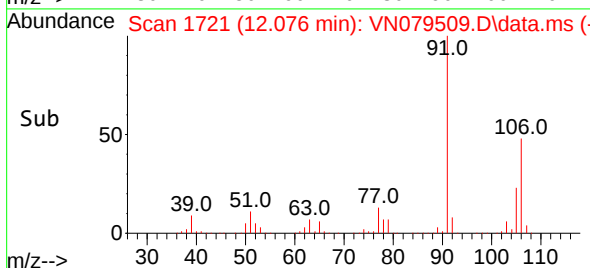
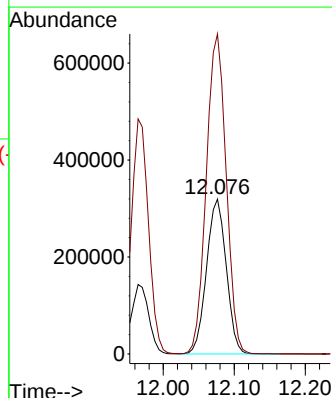
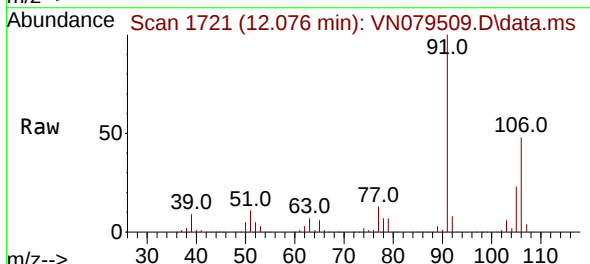
Manual Integrations
APPROVED

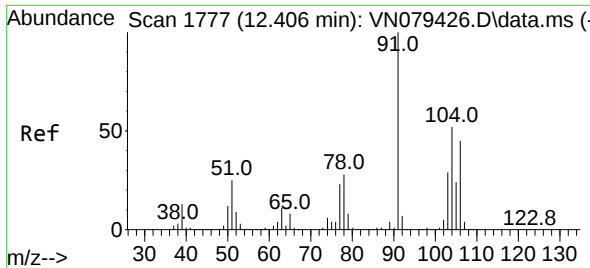
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#68
m/p-Xylenes
Concen: 104.711 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

Tgt Ion:106 Resp: 616746
Ion Ratio Lower Upper
106 100
91 208.0 159.6 239.4





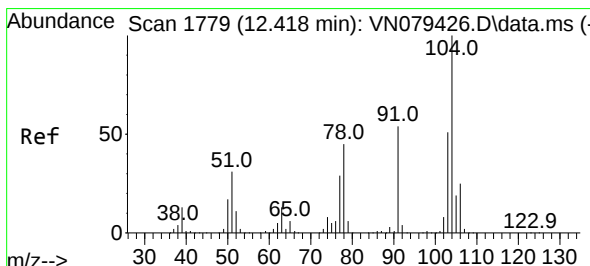
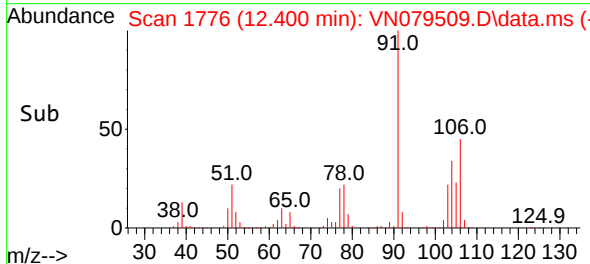
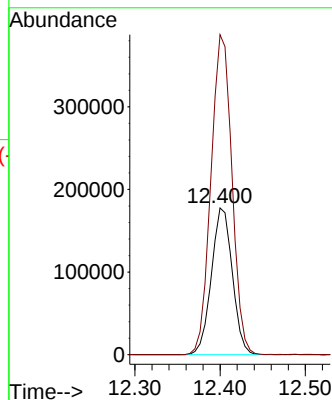
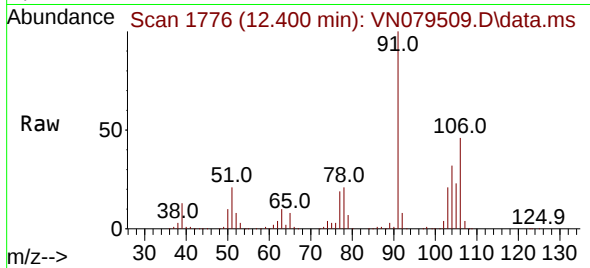
#69
o-Xylene
Concen: 52.304 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 30297
Ion Ratio Lower Upper
106 100
91 219.1 105.2 315.5

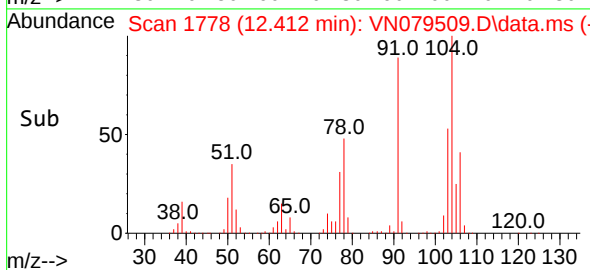
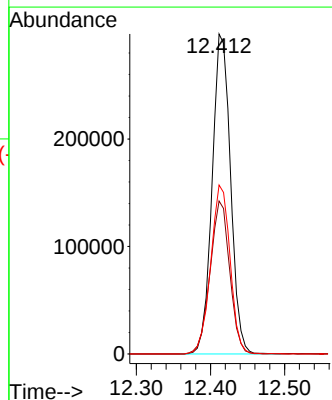
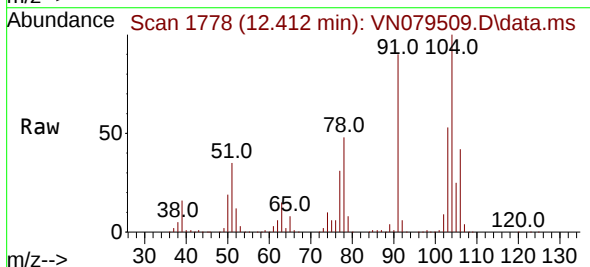
Manual Integrations
APPROVED

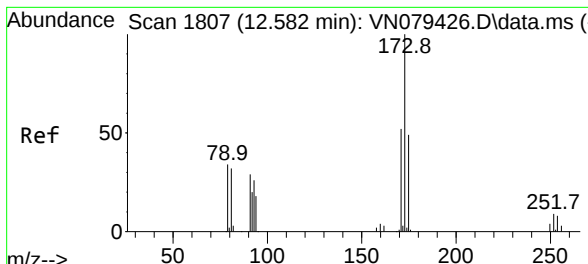
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#70
Styrene
Concen: 56.148 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

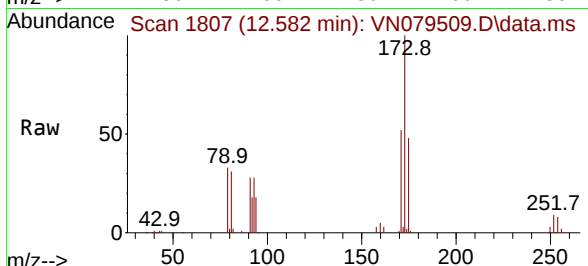
Tgt Ion:104 Resp: 513734
Ion Ratio Lower Upper
104 100
78 50.9 39.5 59.3
103 55.6 43.2 64.8





#71
Bromoform
Concen: 52.232 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

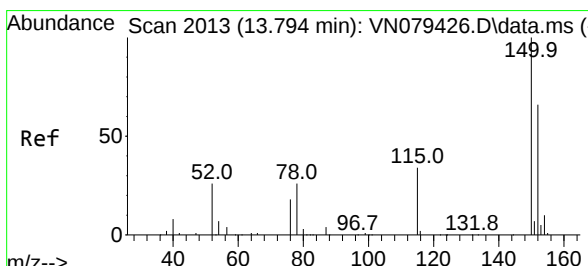
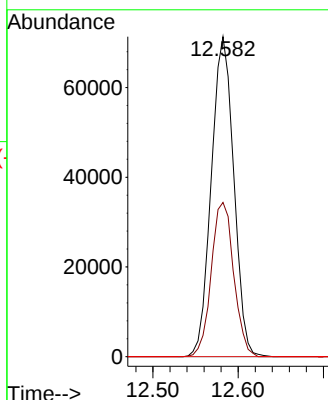
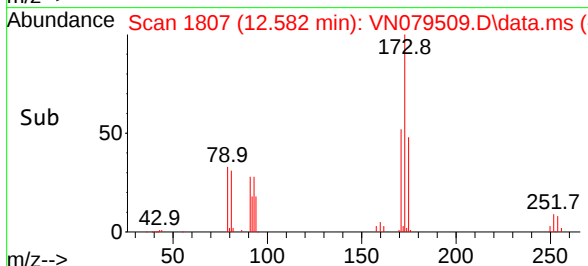
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



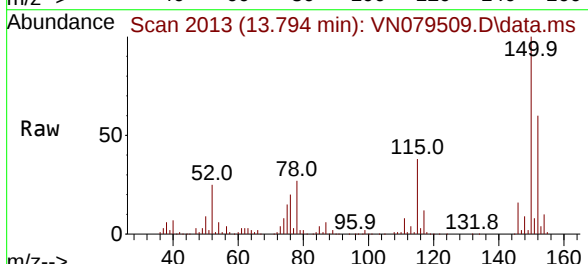
Tgt Ion:173 Resp: 13054
Ion Ratio Lower Upper
173 100
175 48.2 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

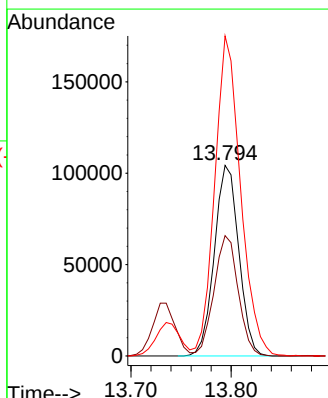
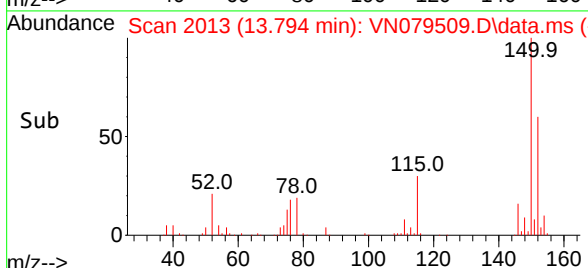
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

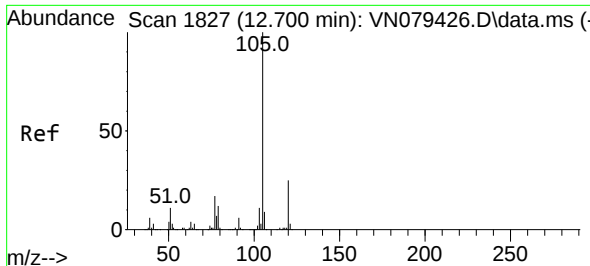


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40



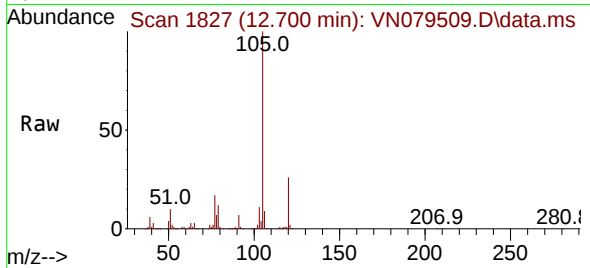
Tgt Ion:152 Resp: 176300
Ion Ratio Lower Upper
152 100
115 62.8 32.3 96.8
150 177.6 0.0 355.8





#73
Isopropylbenzene
Concen: 45.403 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

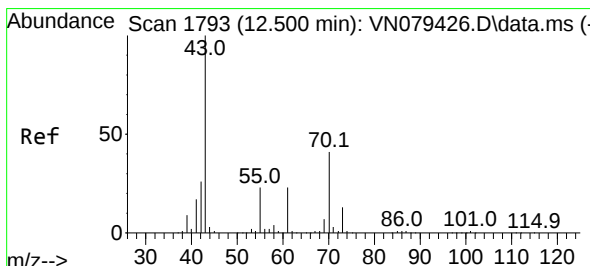
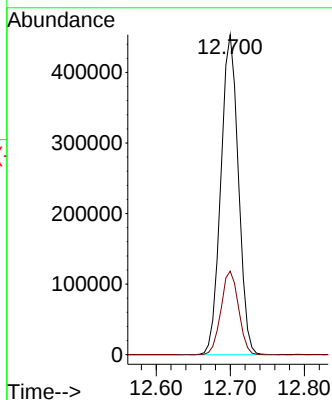
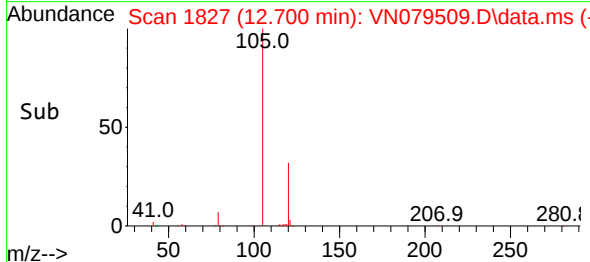
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



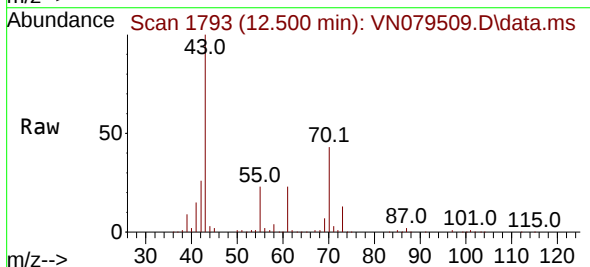
Tgt Ion:105 Resp: 744689
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1

Manual Integrations
APPROVED

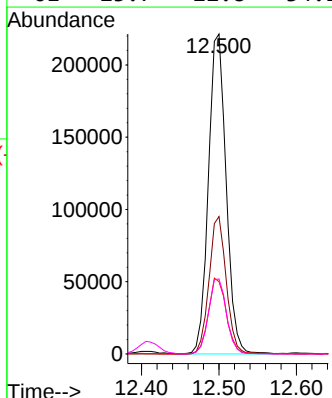
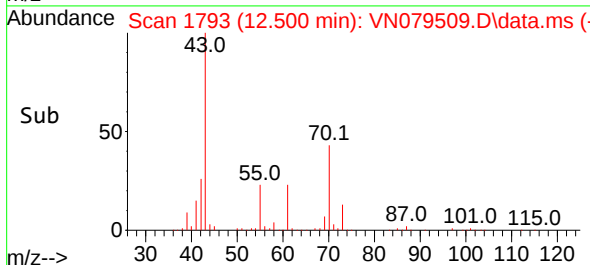
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

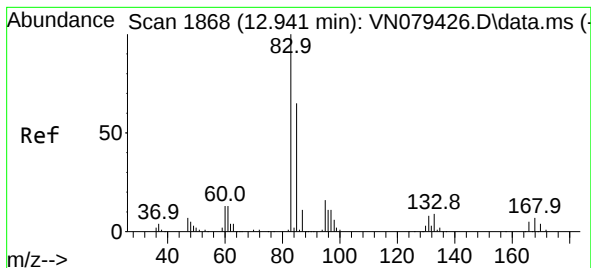


#74
N-ethyl acetate
Concen: 52.372 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40



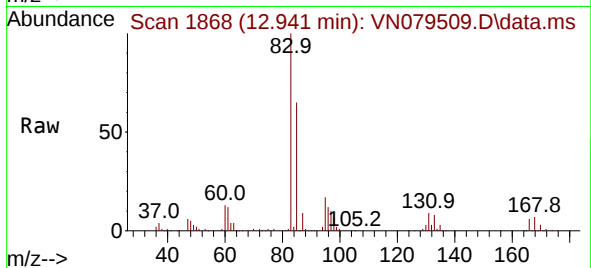
Tgt Ion: 43 Resp: 352148
Ion Ratio Lower Upper
43 100
70 41.7 43.4 65.2#
55 24.1 21.4 32.0
61 23.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 51.277 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

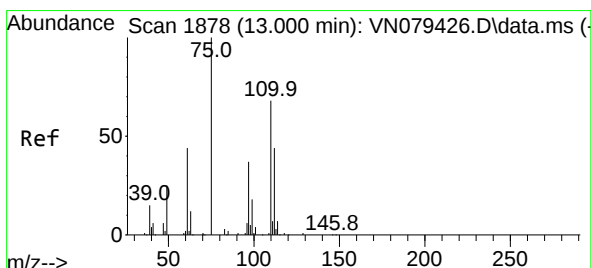
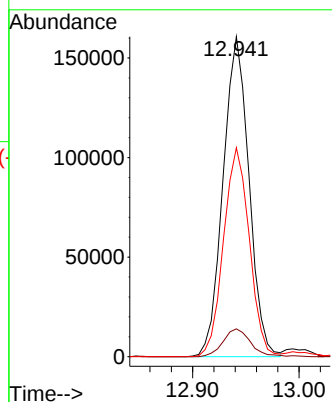
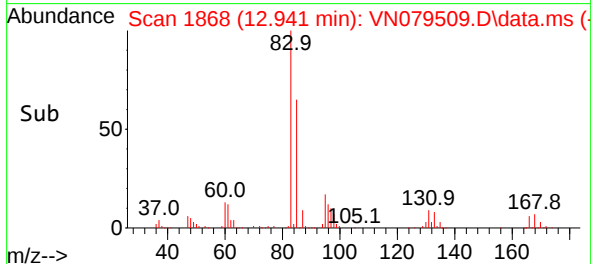
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 271294
Ion Ratio Lower Upper
83 100
131 9.3 5.0 15.0
85 65.0 31.9 95.7

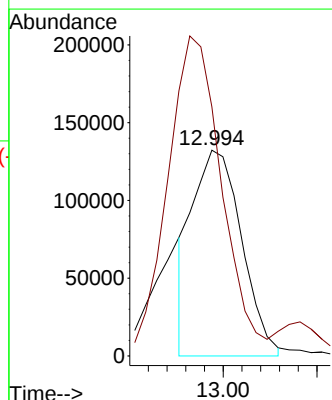
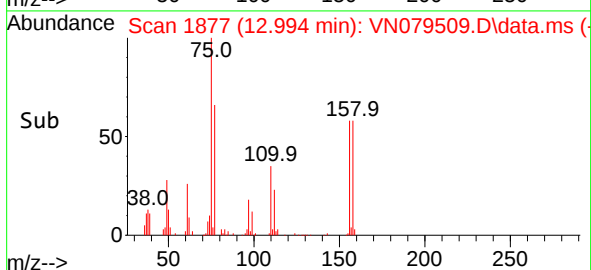
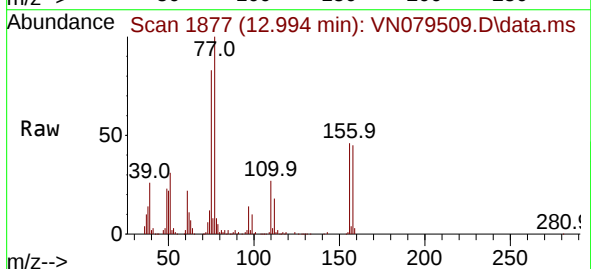
Manual Integrations
APPROVED

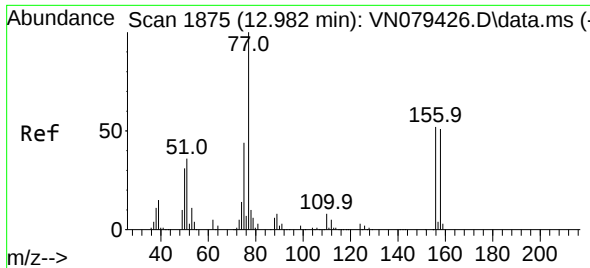
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#76
1,2,3-Trichloropropane
Concen: 47.378 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

Tgt Ion: 75 Resp: 240831
Ion Ratio Lower Upper
75 100
77 171.7 84.5 253.5





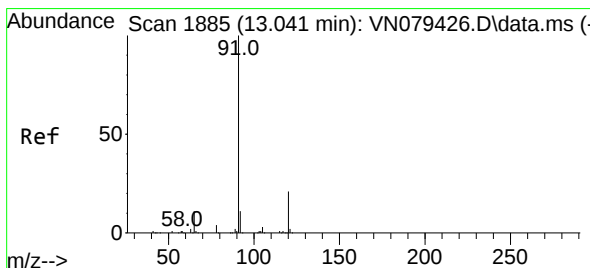
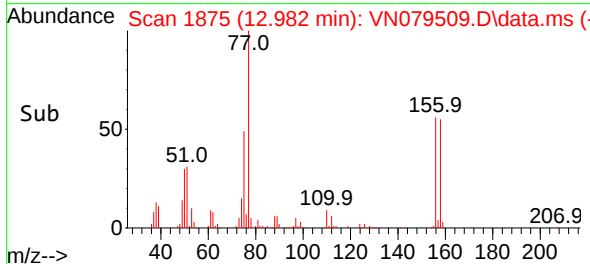
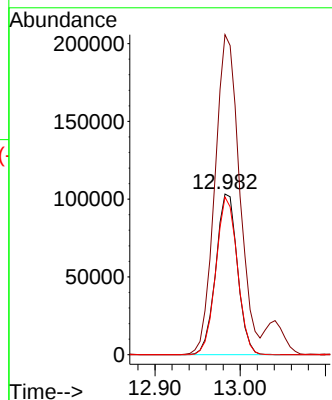
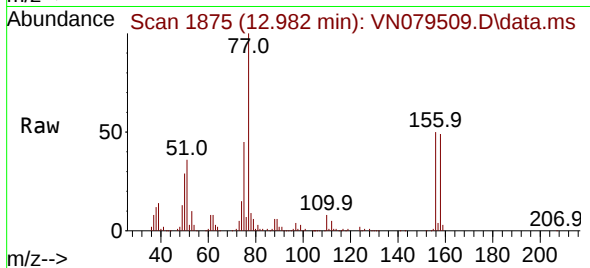
#77
Bromobenzene
Concen: 45.389 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 18254
Ion Ratio Lower Upper
156 100
77 226.6 107.7 323.3
158 97.2 48.4 145.3

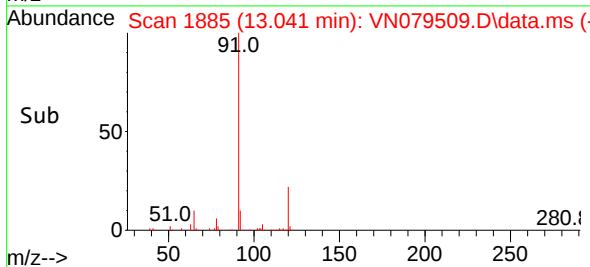
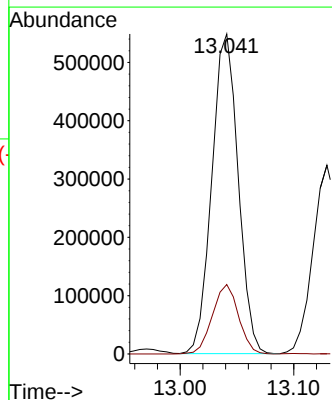
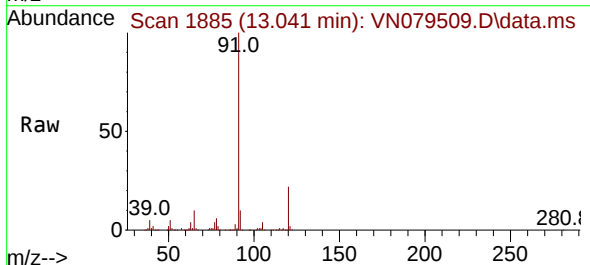
Manual Integrations
APPROVED

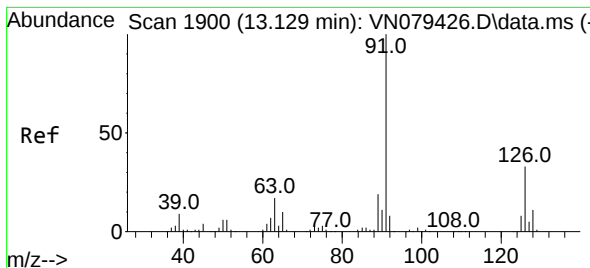
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#78
n-propylbenzene
Concen: 47.574 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

Tgt Ion: 91 Resp: 882838
Ion Ratio Lower Upper
91 100
120 21.5 11.5 34.4





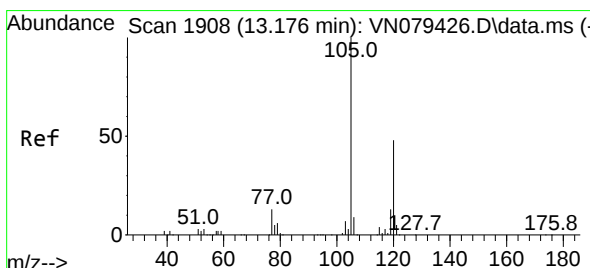
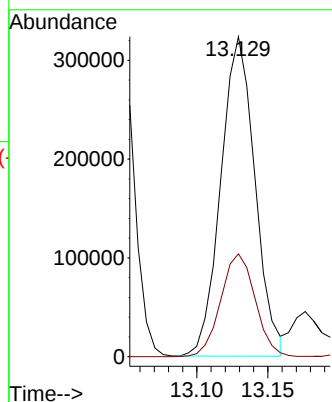
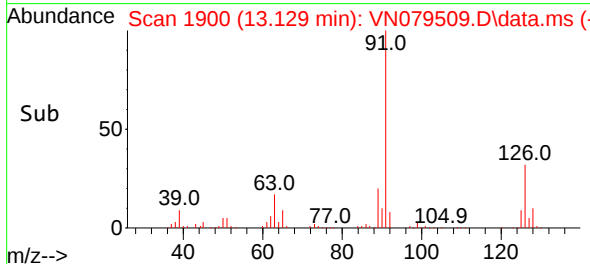
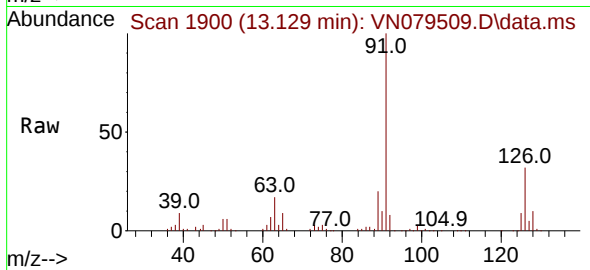
#79
2-Chlorotoluene
Concen: 45.537 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 540730
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8

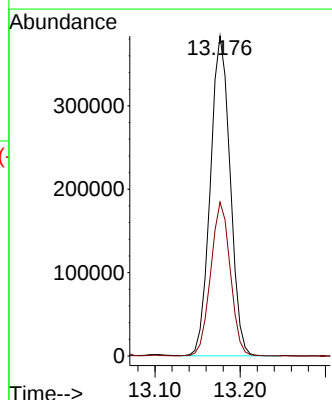
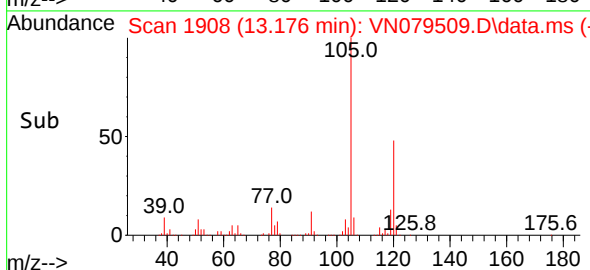
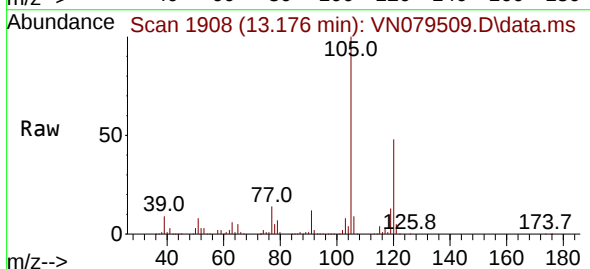
Manual Integrations
APPROVED

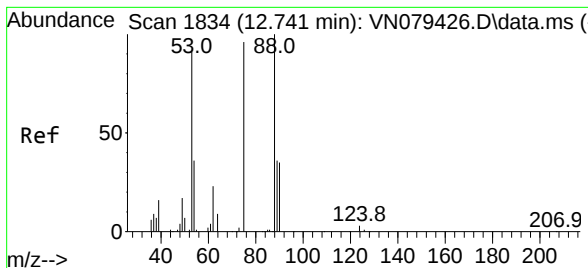
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#80
1,3,5-Trimethylbenzene
Concen: 47.777 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

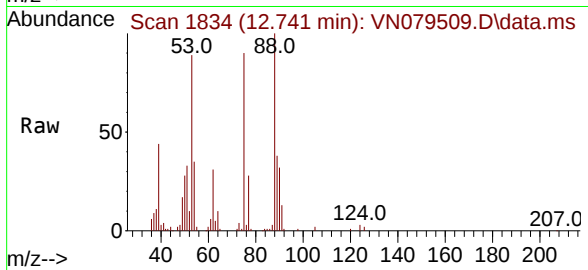
Tgt Ion:105 Resp: 617929
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 49.022 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

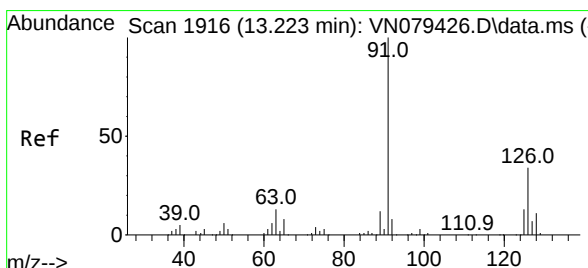
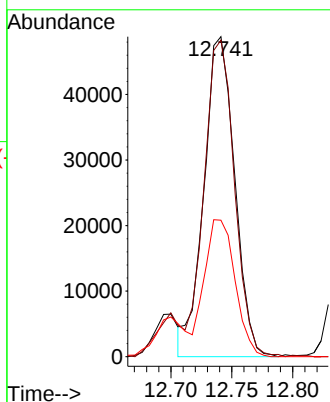
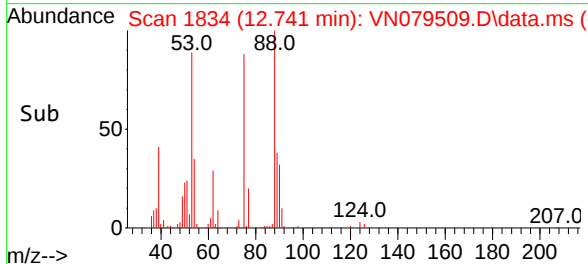
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 8588
Ion Ratio Lower Upper
75 100
53 97.1 67.4 101.2
89 42.3 38.8 58.2

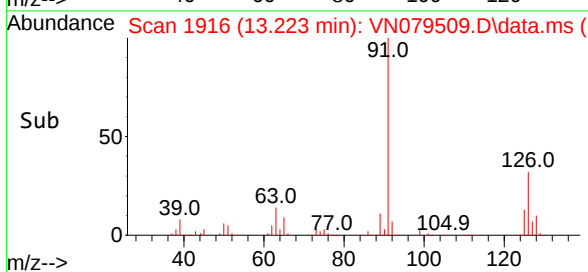
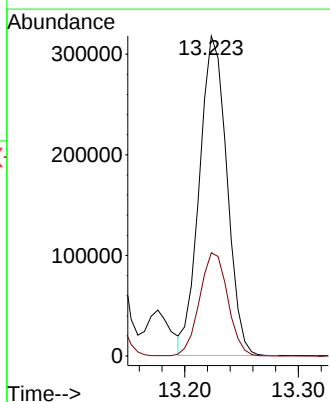
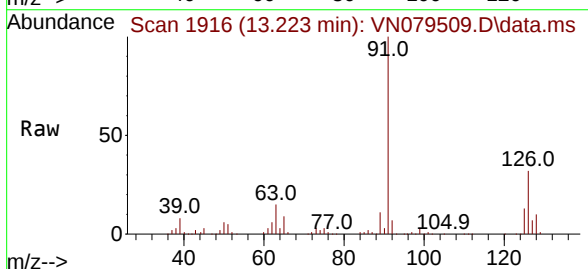
Manual Integrations
APPROVED

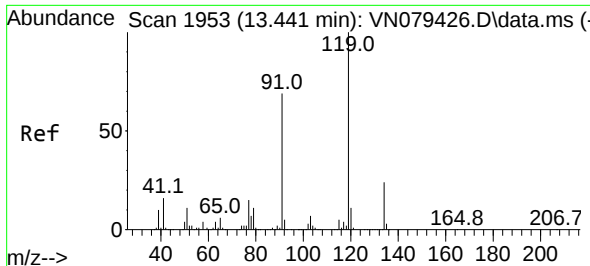
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#82
4-Chlorotoluene
Concen: 47.211 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

Tgt Ion: 91 Resp: 533466
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.0





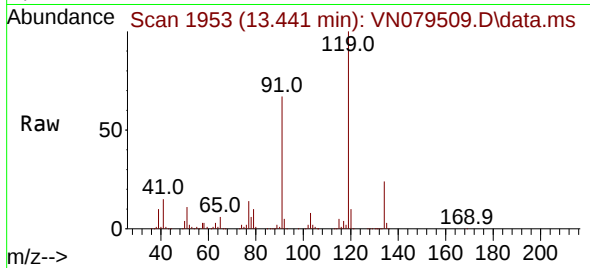
#83
tert-Butylbenzene
Concen: 46.425 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



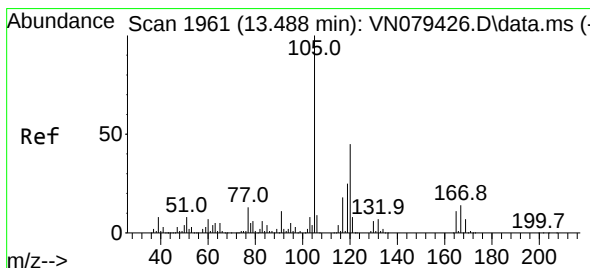
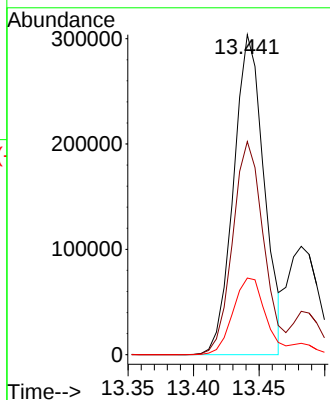
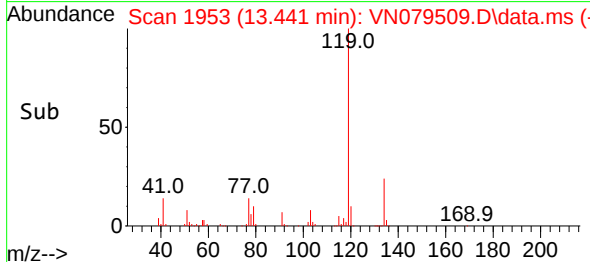
Tgt Ion:119 Resp: 49194
Ion Ratio Lower Upper
119 100
91 68.2 33.9 101.7
134 25.5 13.2 39.6

Manual Integrations

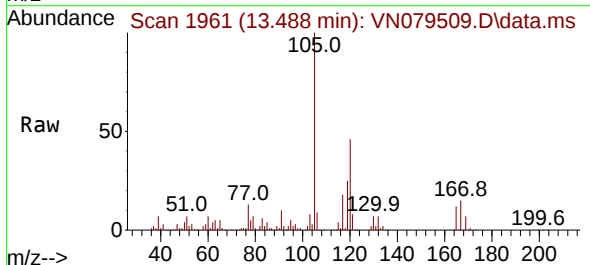
APPROVED

Reviewed By :John Carlone 10/12/2023

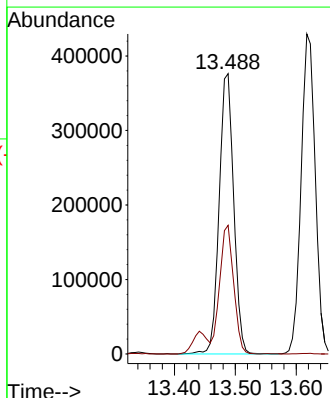
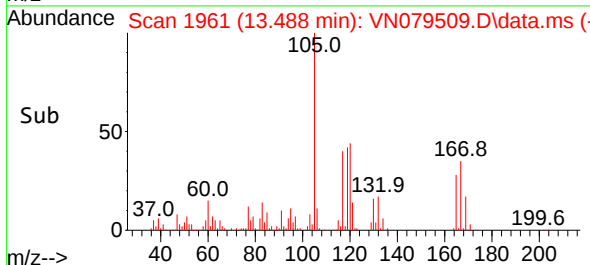
Supervised By :Mahesh Dadoda 10/12/2023



#84
1,2,4-Trimethylbenzene
Concen: 50.484 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40



Tgt Ion:105 Resp: 623117
Ion Ratio Lower Upper
105 100
120 44.2 22.0 66.0





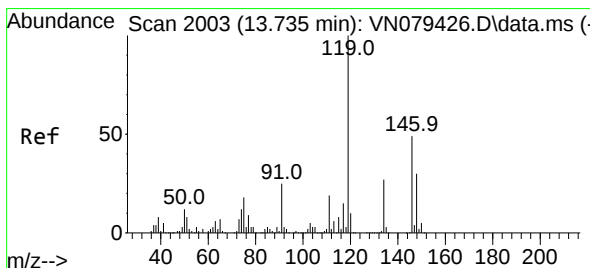
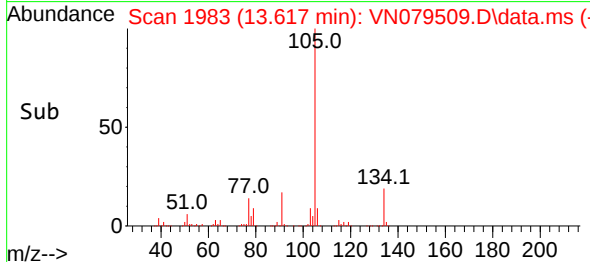
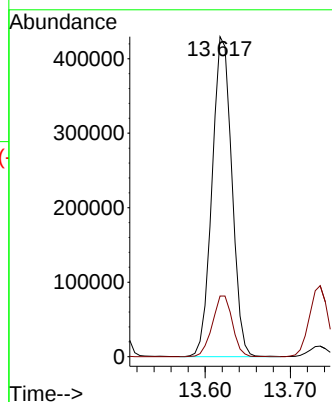
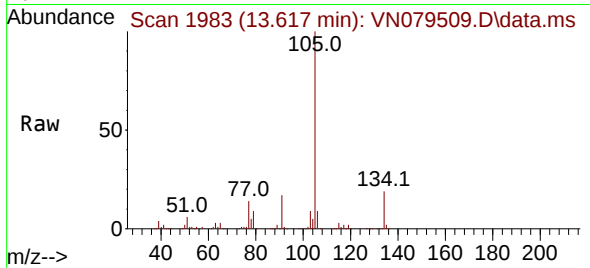
#85
 sec-Butylbenzene
 Concen: 46.904 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN079509.D
 Acq: 11 Oct 2023 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 69326
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3

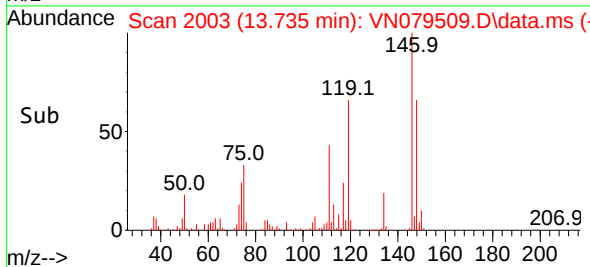
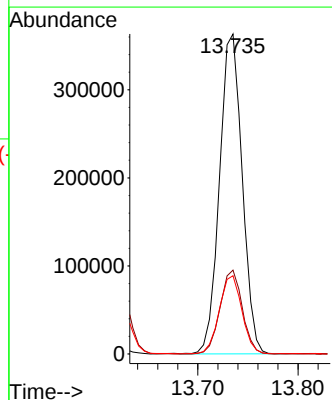
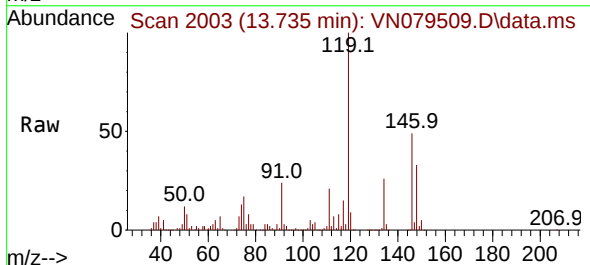
Manual Integrations
 APPROVED

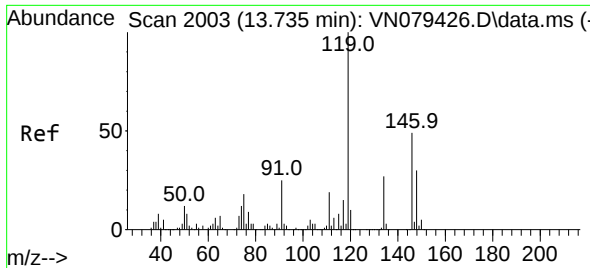
Reviewed By :John Carlone 10/12/2023
 Supervised By :Mahesh Dadoda 10/12/2023



#86
 p-Isopropyltoluene
 Concen: 50.224 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079509.D
 Acq: 11 Oct 2023 11:40

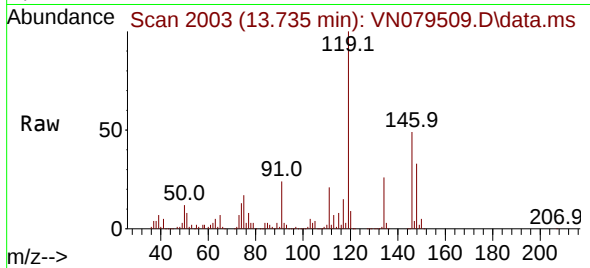
Tgt Ion:119 Resp: 569479
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 24.4 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 49.146 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

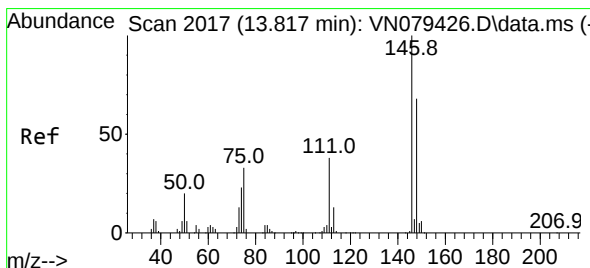
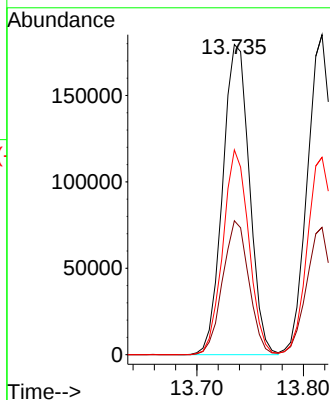
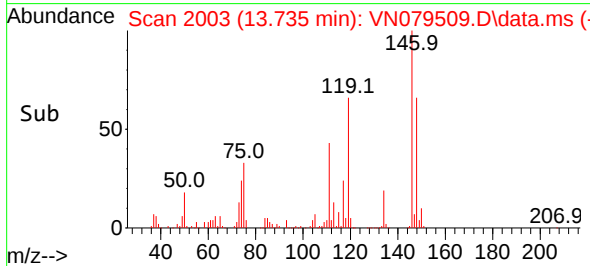
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



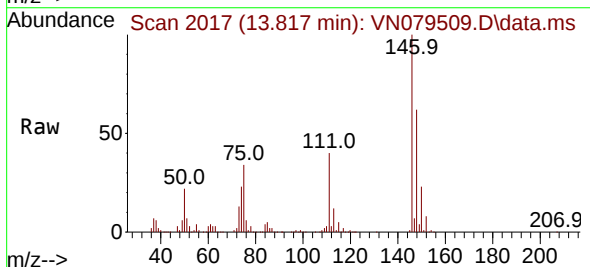
Tgt Ion:146 Resp: 313480
Ion Ratio Lower Upper
146 100
111 42.4 22.1 66.3
148 63.8 32.0 96.0

Manual Integrations
APPROVED

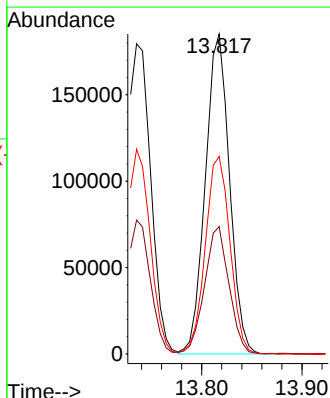
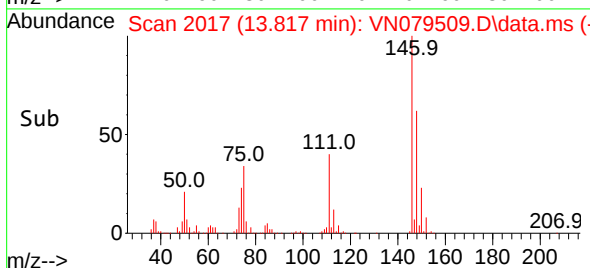
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

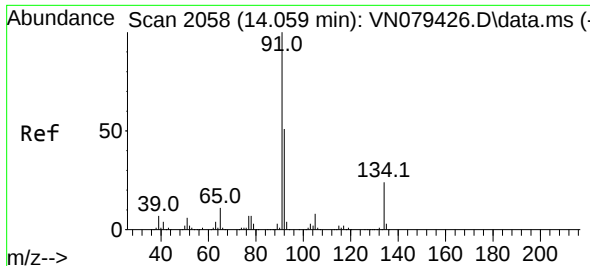


#88
1,4-Dichlorobenzene
Concen: 47.188 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40



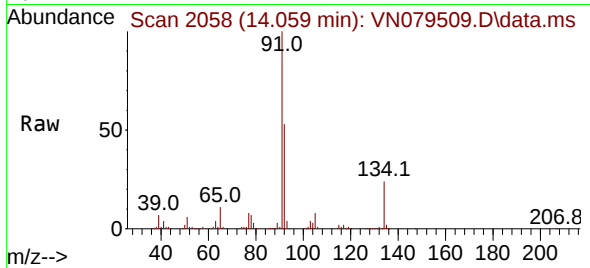
Tgt Ion:146 Resp: 310798
Ion Ratio Lower Upper
146 100
111 40.1 20.6 61.8
148 63.0 31.6 94.8





#89
n-Butylbenzene
Concen: 51.906 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

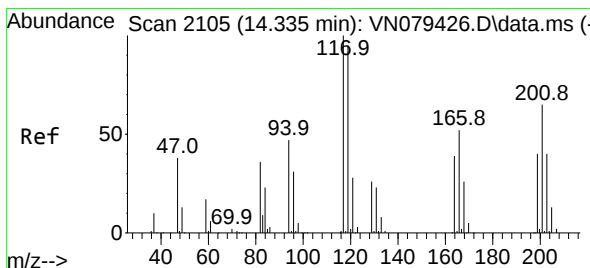
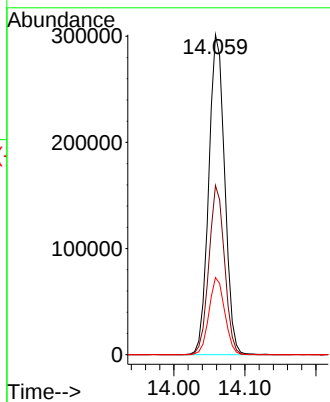
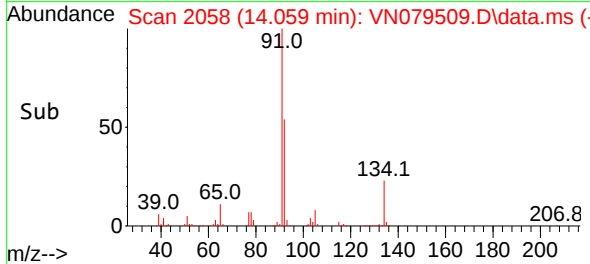
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 46998
Ion Ratio Lower Upper
91 100
92 51.9 26.4 79.0
134 23.8 12.6 37.6

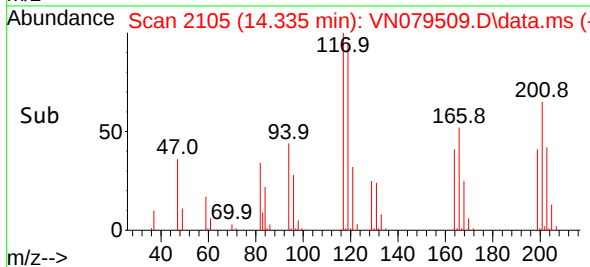
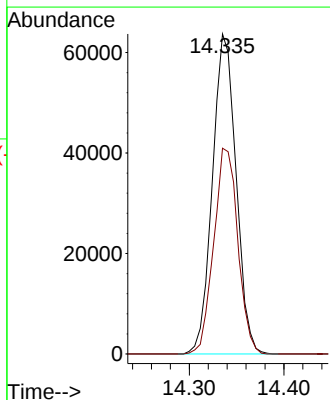
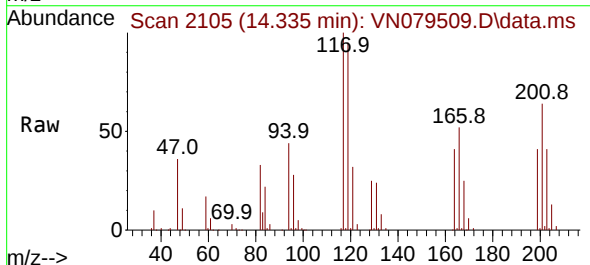
Manual Integrations
APPROVED

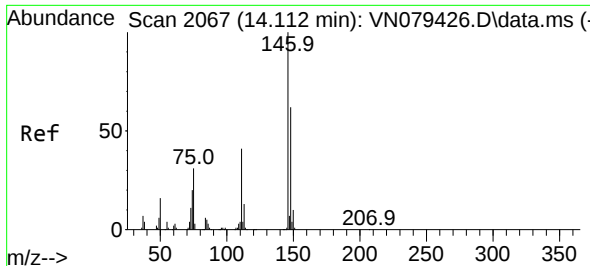
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#90
Hexachloroethane
Concen: 47.960 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

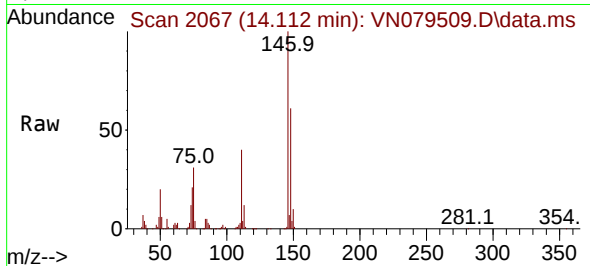
Tgt Ion:117 Resp: 110499
Ion Ratio Lower Upper
117 100
201 65.5 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 49.945 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

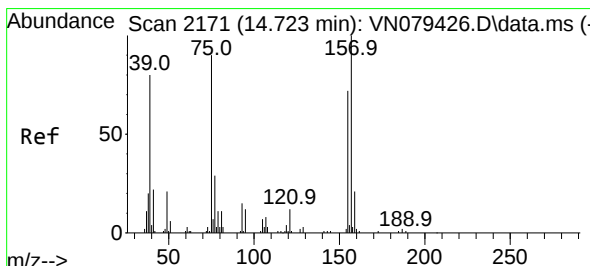
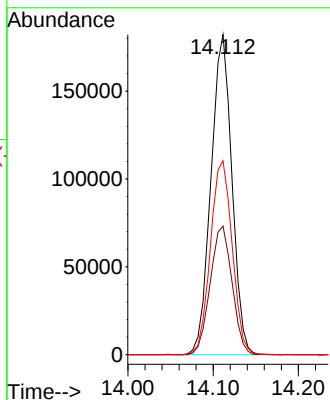
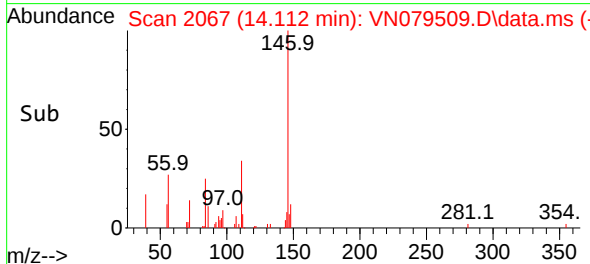
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 310750
Ion Ratio Lower Upper
146 100
111 41.9 22.0 66.0
148 63.1 31.8 95.3

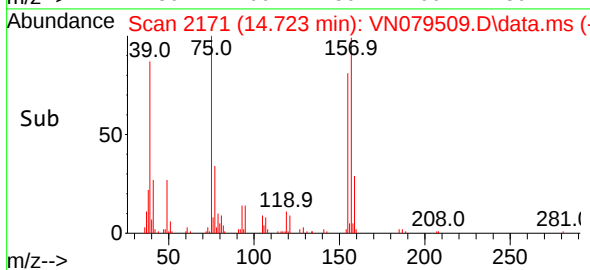
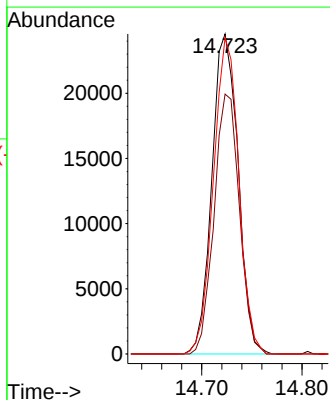
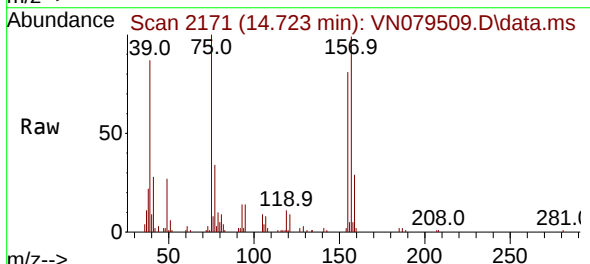
Manual Integrations
APPROVED

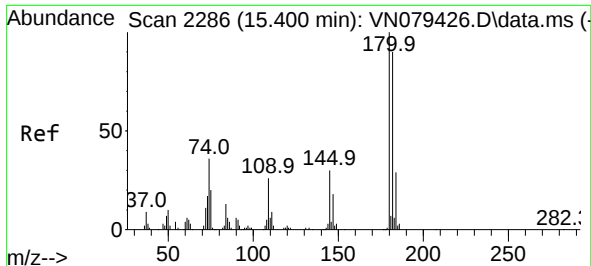
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.976 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

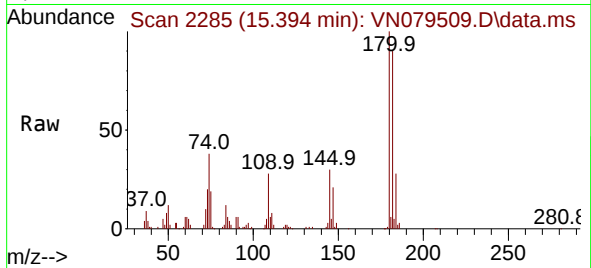
Tgt Ion: 75 Resp: 44553
Ion Ratio Lower Upper
75 100
155 78.6 39.1 117.2
157 95.7 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 57.357 ug/l
RT: 15.394 min Scan# 211
Delta R.T. -0.006 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

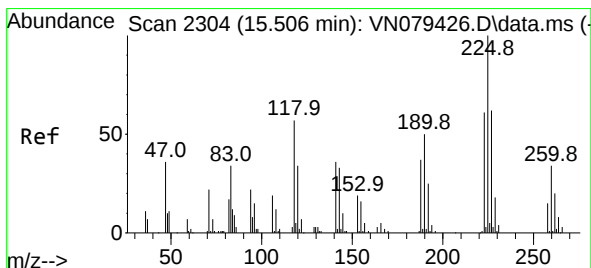
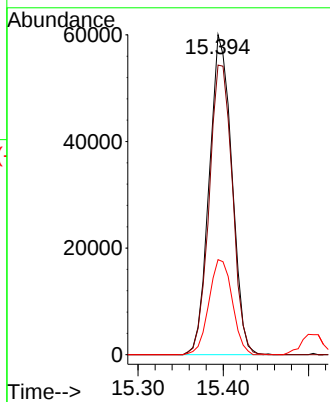
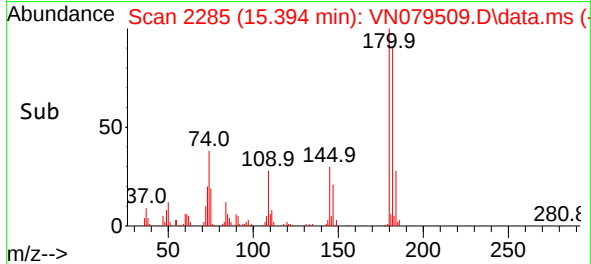
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



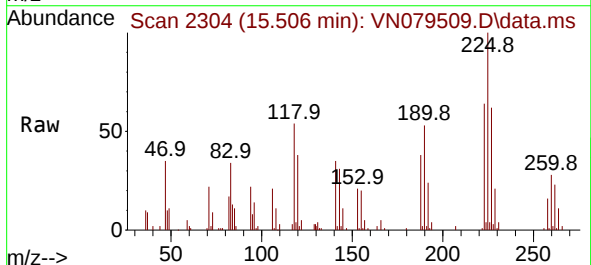
Tgt Ion:180 Resp: 11052
Ion Ratio Lower Upper
180 100
182 93.1 46.1 138.2
145 30.7 16.6 49.8

Manual Integrations
APPROVED

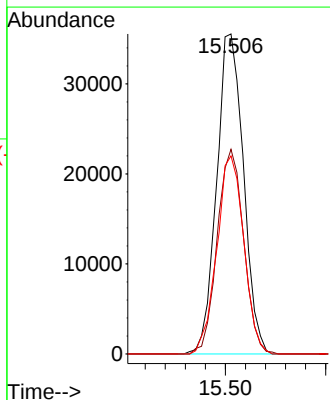
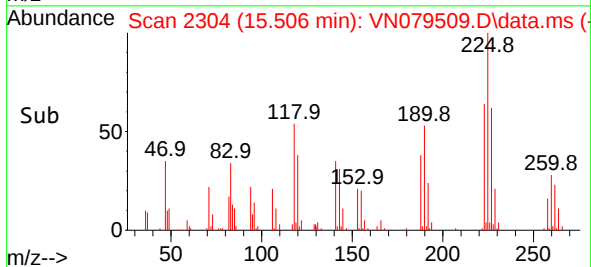
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

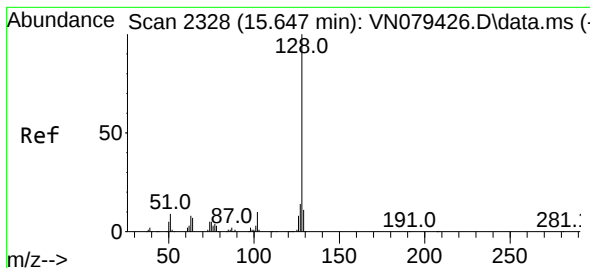


#94
Hexachlorobutadiene
Concen: 43.999 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40



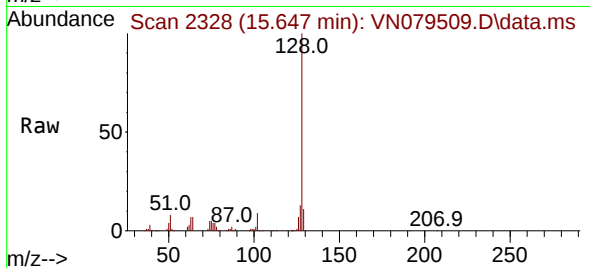
Tgt Ion:225 Resp: 66036
Ion Ratio Lower Upper
225 100
223 62.9 31.3 93.8
227 62.3 31.9 95.9





#95
Naphthalene
Concen: 54.979 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40

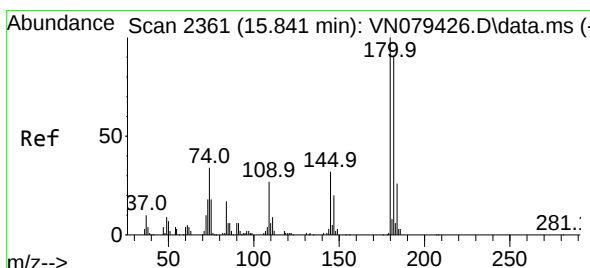
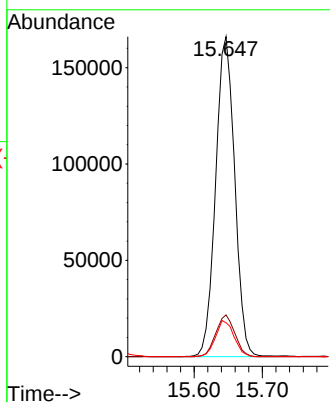
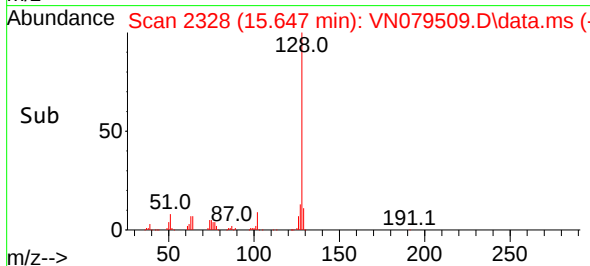
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



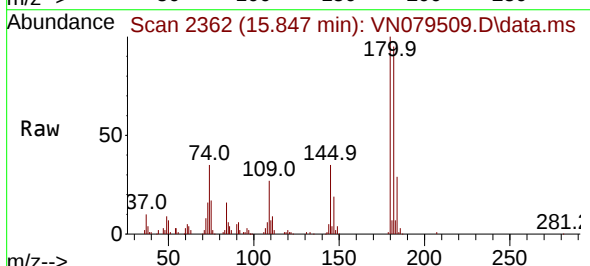
Tgt Ion:128 Resp: 32352
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#96
1,2,3-Trichlorobenzene
Concen: 51.346 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN079509.D
Acq: 11 Oct 2023 11:40



Tgt Ion:180 Resp: 118076
Ion Ratio Lower Upper
180 100
182 94.8 46.2 138.6
145 34.5 17.5 52.6

