

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
 Data File : VN074952.D
 Acq On : 21 Oct 2022 10:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2022
 Supervised By : Mahesh Dadoda 10/24/2022

Quant Time: Oct 22 02:50:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 09:37:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	431261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	732036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	825791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	589185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	543981	47.475	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.940%		
35) Dibromofluoromethane	8.171	113	434685	49.889	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.780%		
50) Toluene-d8	10.565	98	1714599	51.289	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.580%		
62) 4-Bromofluorobenzene	12.847	95	633018	53.682	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	323745	48.023	ug/l	97
3) Chloromethane	2.371	50	321727	46.566	ug/l	99
4) Vinyl Chloride	2.524	62	500244	47.953	ug/l	98
5) Bromomethane	2.918	94	436703	51.974	ug/l	97
6) Chloroethane	3.100	64	382310	48.289	ug/l	95
7) Trichlorofluoromethane	3.495	101	567011	51.186	ug/l	100
8) Diethyl Ether	3.971	74	242110	47.372	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	341384	52.115	ug/l	99
10) Methyl Iodide	4.595	142	467034	48.434	ug/l	98
11) Tert butyl alcohol	5.536	59	505728	208.763	ug/l	99
12) 1,1-Dichloroethene	4.342	96	301329	51.049	ug/l	90
13) Acrolein	4.183	56	299599	253.541	ug/l	95
14) Allyl chloride	5.036	41	510132	48.616	ug/l	96
15) Acrylonitrile	5.724	53	1158628	236.436	ug/l	98
16) Acetone	4.436	43	992458	254.129	ug/l	98
17) Carbon Disulfide	4.718	76	612013	50.532	ug/l	98
18) Methyl Acetate	5.042	43	644741	44.306	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	1359118	48.850	ug/l	100
20) Methylene Chloride	5.283	84	397129	51.538	ug/l	94
21) trans-1,2-Dichloroethene	5.794	96	327274	47.005	ug/l	96
22) Diisopropyl ether	6.683	45	1166258	48.569	ug/l	99
23) Vinyl Acetate	6.612	43	4822714m	255.142	ug/l	
24) 1,1-Dichloroethane	6.577	63	706895	47.609	ug/l	98
25) 2-Butanone	7.488	43	1541559	220.848	ug/l	97
26) 2,2-Dichloropropane	7.494	77	670223	47.763	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	449205	46.668	ug/l	98
28) Bromochloromethane	7.818	49	319266	51.603	ug/l	100
29) Tetrahydrofuran	7.841	42	953297	221.437	ug/l	99
30) Chloroform	7.971	83	795531	47.417	ug/l	99
31) Cyclohexane	8.259	56	538436	45.994	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	704556	46.671	ug/l	97
36) 1,1-Dichloropropene	8.371	75	528903	48.200	ug/l	97
37) Ethyl Acetate	7.565	43	582403	45.074	ug/l	98
38) Carbon Tetrachloride	8.365	117	582760	48.786	ug/l	97
39) Methylcyclohexane	9.600	83	647604	49.812	ug/l	98
40) Benzene	8.606	78	1643443	48.580	ug/l	99

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Quant Time: Oct 22 02:50:46 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M

Quant Title : SW846 8260

QLast Update : Fri Oct 21 09:37:47 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	323591	49.896	ug/l	94
42) 1,2-Dichloroethane	8.677	62	628152	49.053	ug/l	99
43) Isopropyl Acetate	8.694	43	967492	48.276	ug/l	99
44) Trichloroethene	9.353	130	398566	48.003	ug/l	92
45) 1,2-Dichloropropane	9.624	63	435447	49.942	ug/l	99
46) Dibromomethane	9.712	93	323081	50.671	ug/l	97
47) Bromodichloromethane	9.888	83	647242	50.251	ug/l	98
48) Methyl methacrylate	9.682	41	445655	50.856	ug/l	100
49) 1,4-Dioxane	9.694	88	243668	961.745	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	3220741	242.618	ug/l	99
52) Toluene	10.629	92	1128978	51.144	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	702129	55.253	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	718623	51.137	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	473504	51.116	ug/l	94
56) Ethyl methacrylate	10.876	69	732116	52.482	ug/l	99
57) 1,3-Dichloropropane	11.165	76	795572	50.588	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	1545057	246.343	ug/l	100
59) 2-Hexanone	11.194	43	2434096	241.776	ug/l	100
60) Dibromochloromethane	11.359	129	511797	52.629	ug/l	100
61) 1,2-Dibromoethane	11.471	107	486038	52.037	ug/l	98
64) Tetrachloroethene	11.106	164	314536	46.579	ug/l	98
65) Chlorobenzene	11.894	112	1217659	48.767	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	473692	50.333	ug/l	97
67) Ethyl Benzene	11.965	91	2251467	50.784	ug/l	98
68) m/p-Xylenes	12.070	106	1788195	103.446	ug/l	100
69) o-Xylene	12.400	106	896192	51.754	ug/l	96
70) Styrene	12.412	104	1500536	54.672	ug/l	99
71) Bromoform	12.576	173	360074	50.695	ug/l #	99
73) Isopropylbenzene	12.694	105	2346282	48.754	ug/l	99
74) N-amyl acetate	12.494	43	916458	47.395	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	793852	44.170	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	583493m	36.518	ug/l	
77) Bromobenzene	12.982	156	510305	46.240	ug/l	98
78) n-propylbenzene	13.035	91	2756508	48.941	ug/l	99
79) 2-Chlorotoluene	13.123	91	1665359	47.732	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	2033742	48.924	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	278897	55.964	ug/l	93
82) 4-Chlorotoluene	13.123	91	1665359	47.732	ug/l	98
83) tert-Butylbenzene	13.441	119	1811203	49.235	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	2134089	50.828	ug/l	97
85) sec-Butylbenzene	13.617	105	2640603	51.124	ug/l	100
86) p-Isopropyltoluene	13.729	119	2244700	52.768	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	1077410	51.027	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	1060867	49.557	ug/l	98
89) n-Butylbenzene	14.059	91	1918100	52.803	ug/l	99
90) Hexachloroethane	14.335	117	396647	48.126	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	1044755	48.273	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	174129	46.629	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	504213	53.534	ug/l	97
94) Hexachlorobutadiene	15.500	225	234933	48.315	ug/l	100
95) Naphthalene	15.641	128	1962670	54.830	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	505479	53.326	ug/l	99

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VSTDCCC050

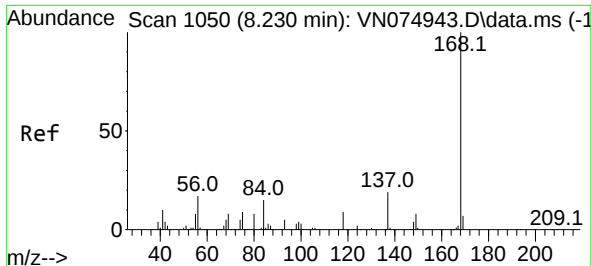
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

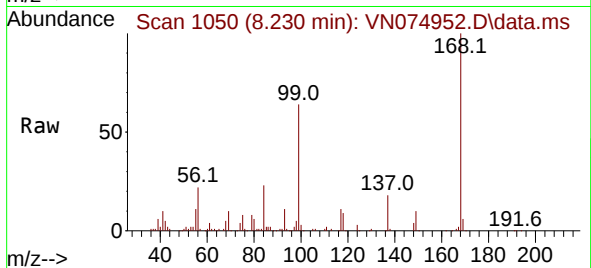
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

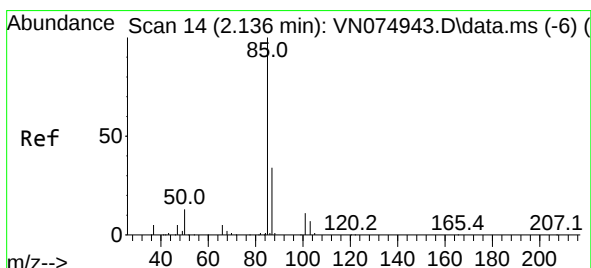
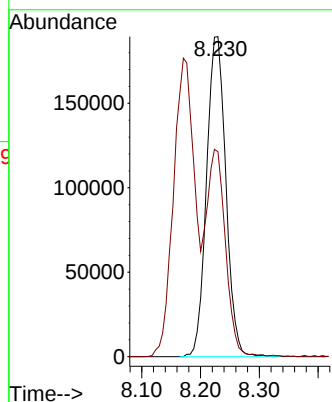
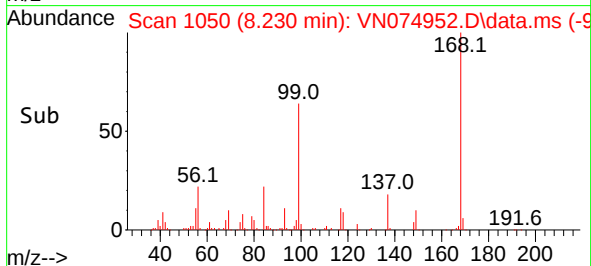
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 43126
Ion Ratio Lower Upper
168 100
99 63.8 52.2 78.4

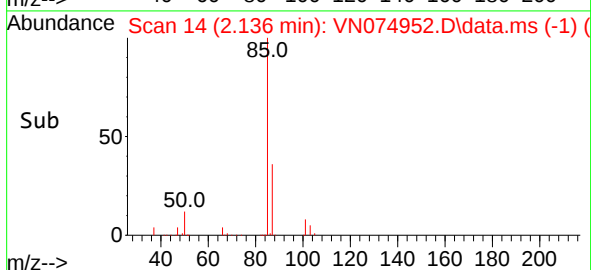
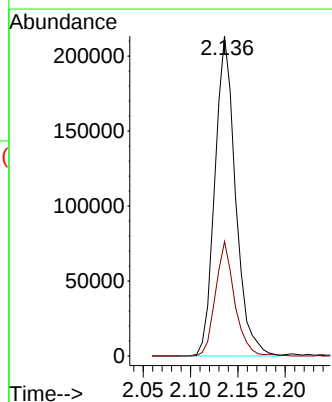
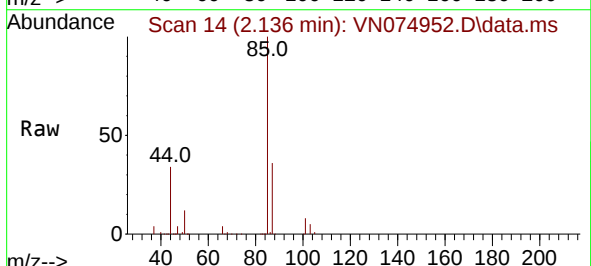
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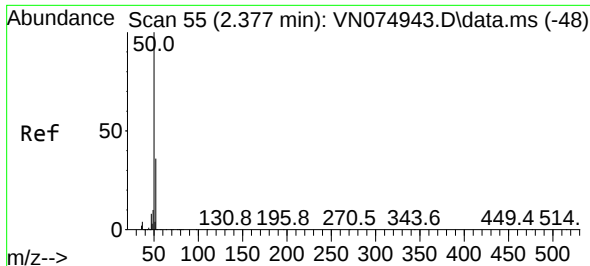
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#2
Dichlorodifluoromethane
Concen: 48.023 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

Tgt Ion: 85 Resp: 323745
Ion Ratio Lower Upper
85 100
87 35.7 17.1 51.2





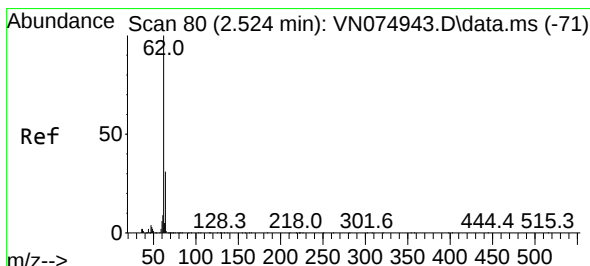
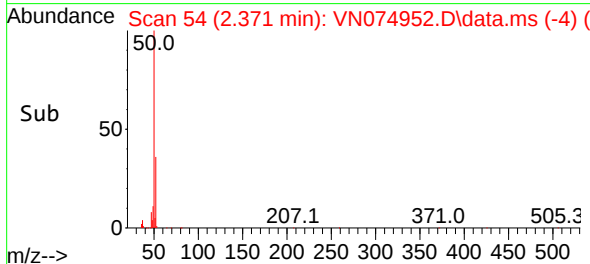
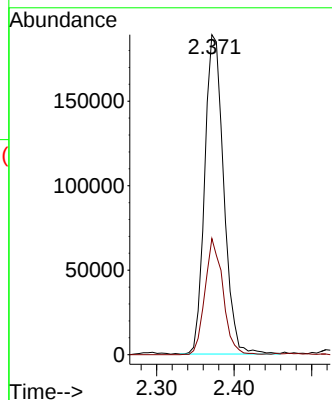
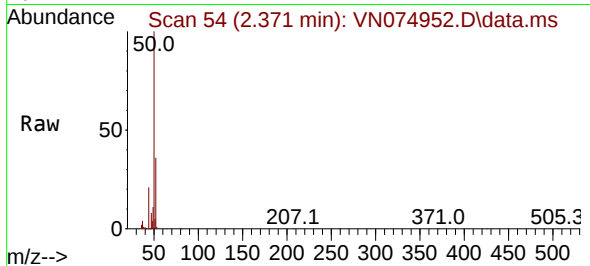
#3
Chloromethane
Concen: 46.566 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 50 Resp: 32172
Ion Ratio Lower Upper
50 100
52 36.4 28.8 43.2

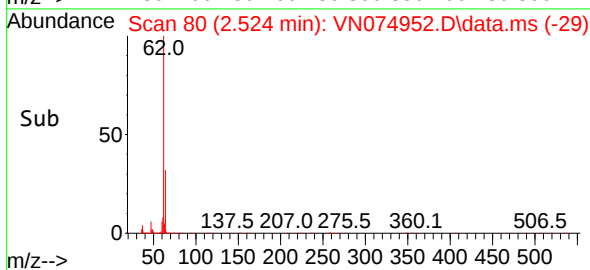
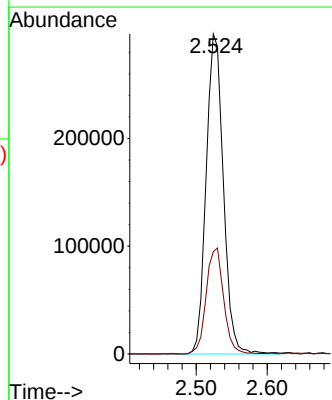
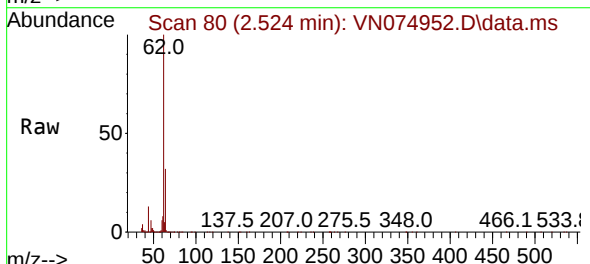
Manual Integrations
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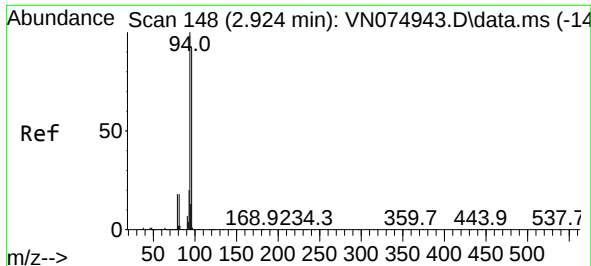
Reviewed By :John Carlone 10/24/2022
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#4
Vinyl Chloride
Concen: 47.953 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

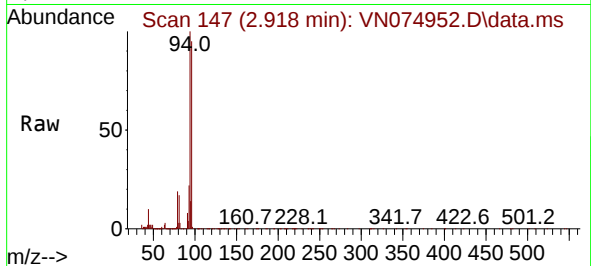
Tgt Ion: 62 Resp: 500244
Ion Ratio Lower Upper
62 100
64 31.9 24.5 36.7





#5
Bromomethane
Concen: 51.974 ug/l
RT: 2.918 min Scan# 147
Delta R.T. -0.006 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

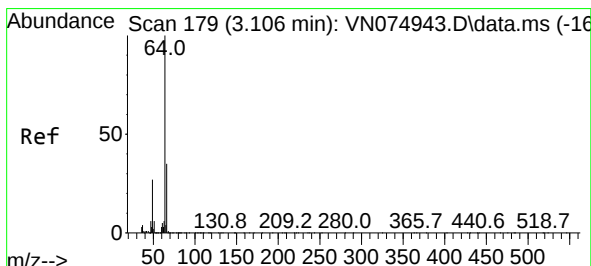
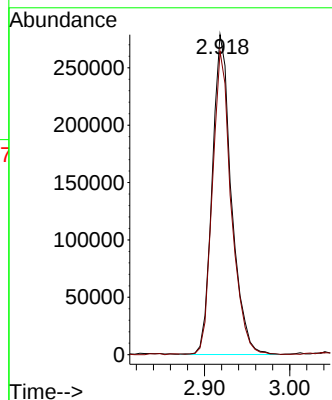
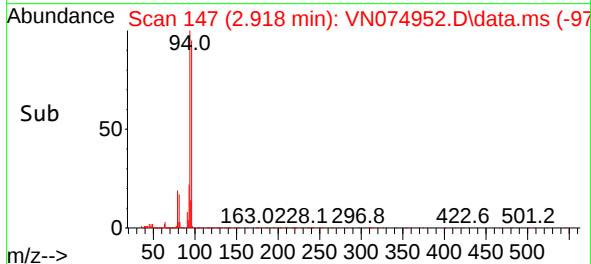
Instrument :
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Tgt Ion: 94 Resp: 436700
Ion Ratio Lower Upper
94 100
96 94.8 73.5 110.3

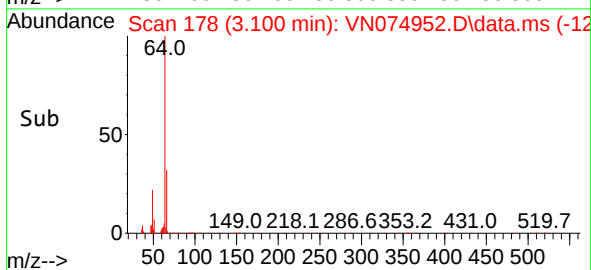
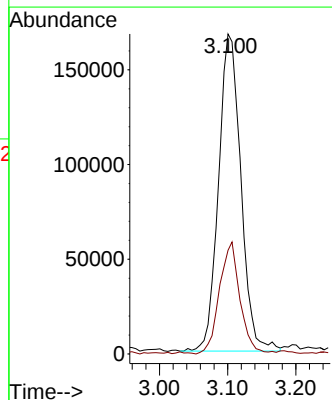
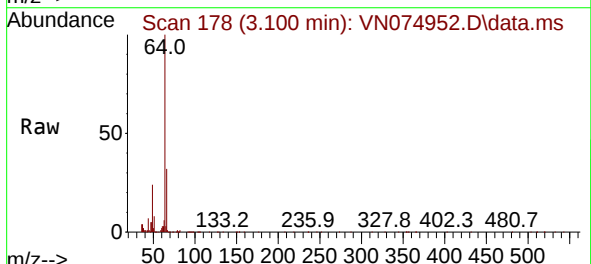
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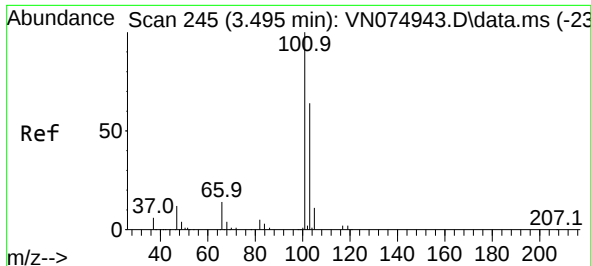
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#6
Chloroethane
Concen: 48.289 ug/l
RT: 3.100 min Scan# 178
Delta R.T. -0.006 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

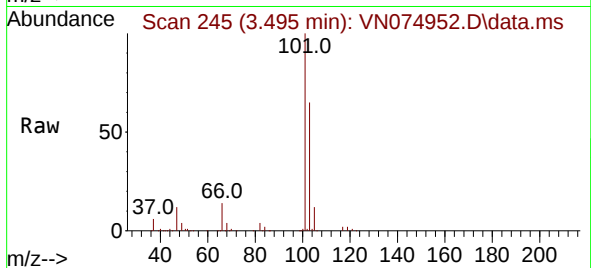
Tgt Ion: 64 Resp: 382310
Ion Ratio Lower Upper
64 100
66 32.0 27.9 41.9





#7
 Trichlorofluoromethane
 Concen: 51.186 ug/l
 RT: 3.495 min Scan# 245
 Delta R.T. -0.000 min
 Lab File: VN074952.D
 Acq: 21 Oct 2022 10:32

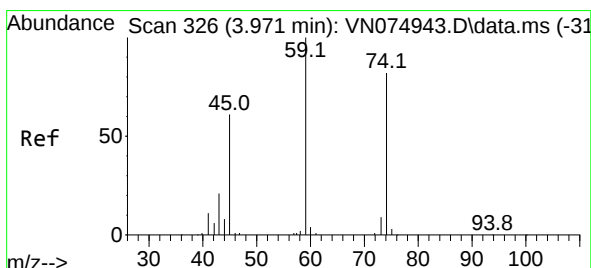
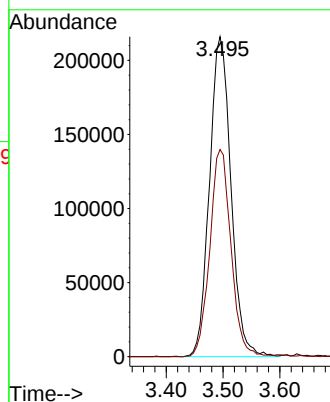
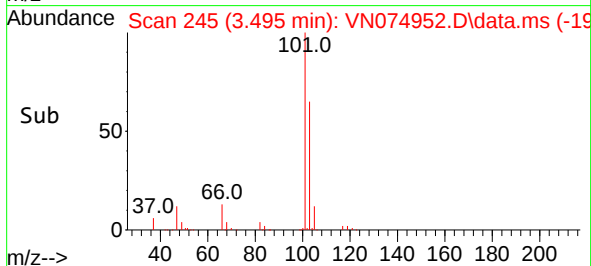
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 56701
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.5 77.3

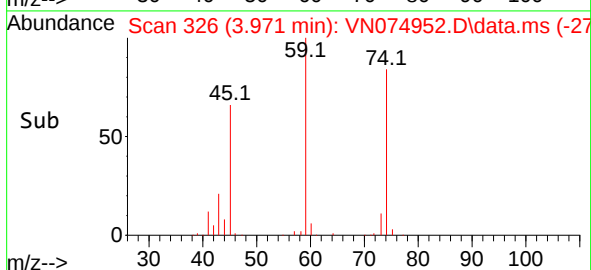
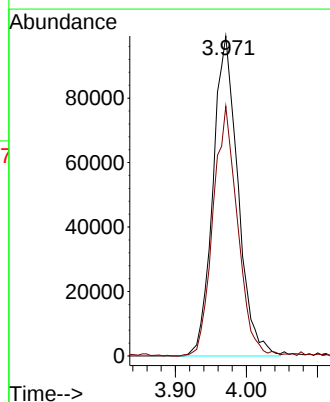
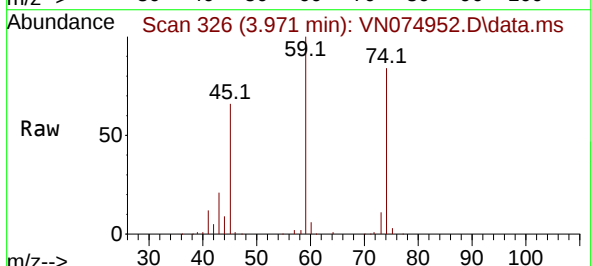
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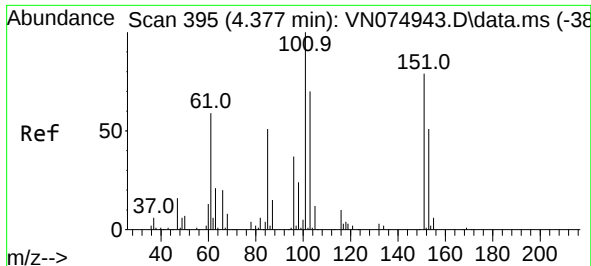
Reviewed By :John Carlone 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022



#8
 Diethyl Ether
 Concen: 47.372 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.000 min
 Lab File: VN074952.D
 Acq: 21 Oct 2022 10:32

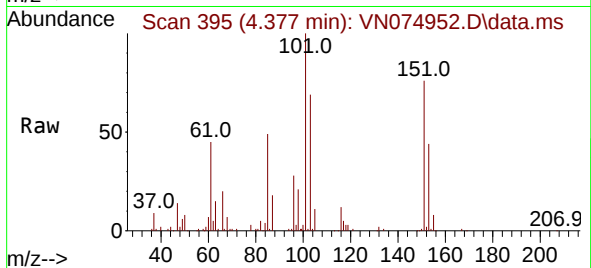
Tgt Ion: 74 Resp: 242110
 Ion Ratio Lower Upper
 74 100
 45 76.8 40.1 120.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.115 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

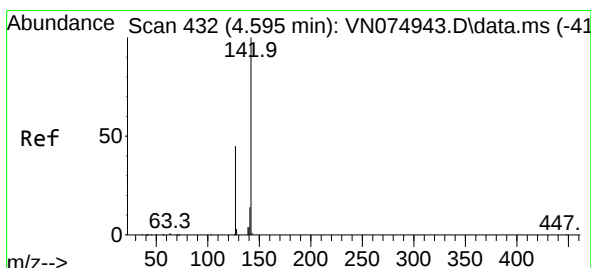
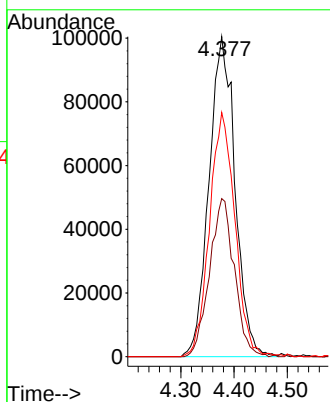
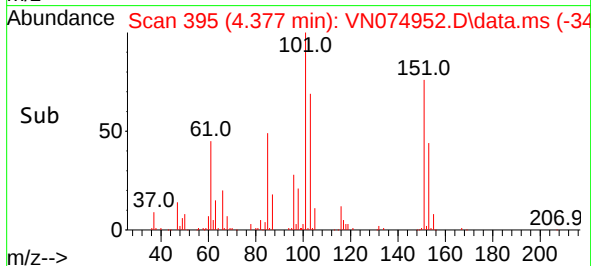
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



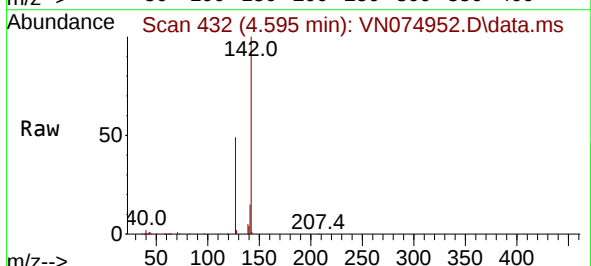
Tgt Ion:101 Resp: 341384
Ion Ratio Lower Upper
101 100
85 47.0 37.8 56.8
151 74.5 58.5 87.7

Manual Integrations
APPROVED

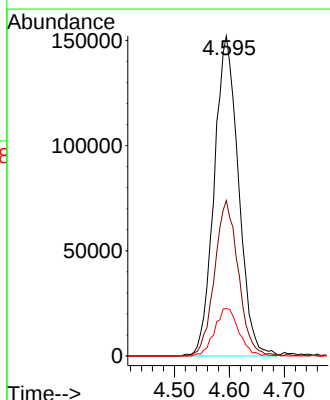
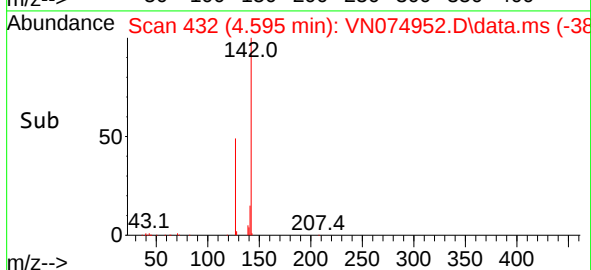
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

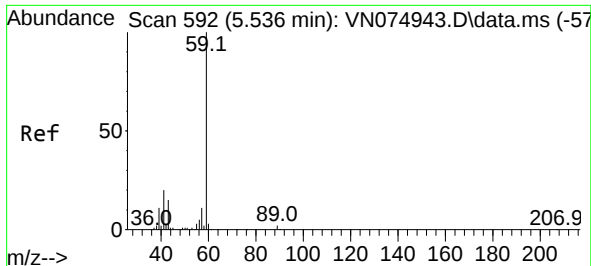


#10
Methyl Iodide
Concen: 48.434 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32



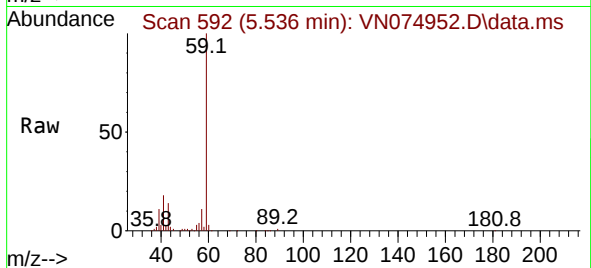
Tgt Ion:142 Resp: 467034
Ion Ratio Lower Upper
142 100
127 47.5 37.0 55.4
141 14.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 208.763 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

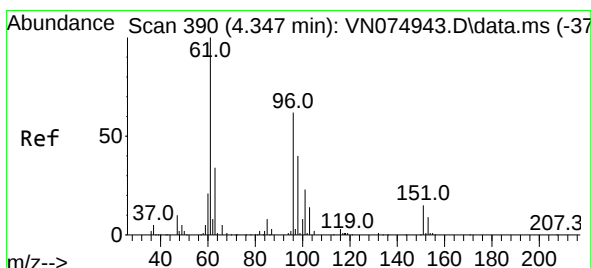
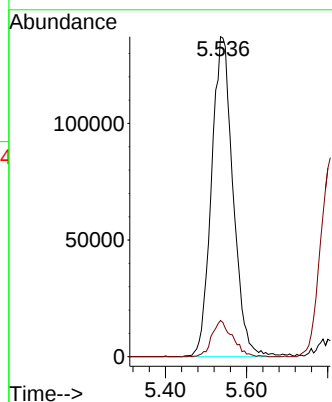
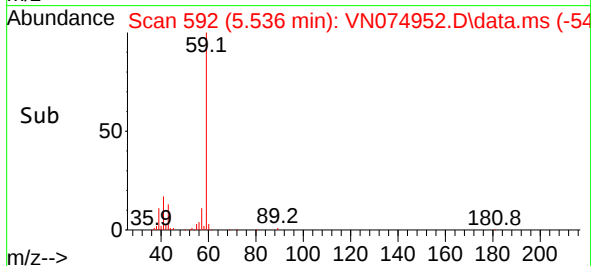
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



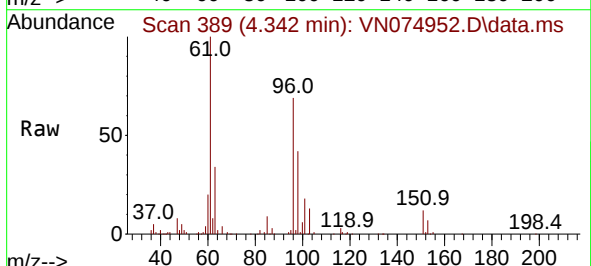
Tgt Ion: 59 Resp: 505728
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4

Manual Integrations
APPROVED

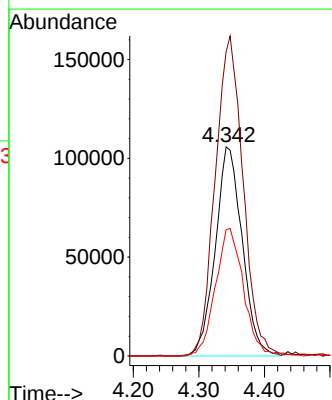
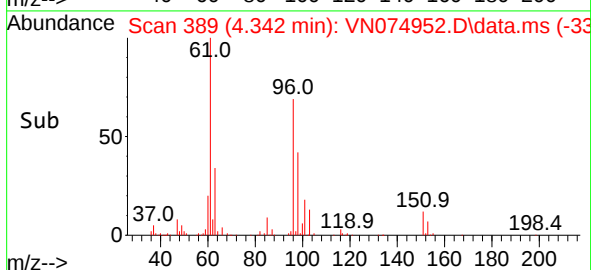
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

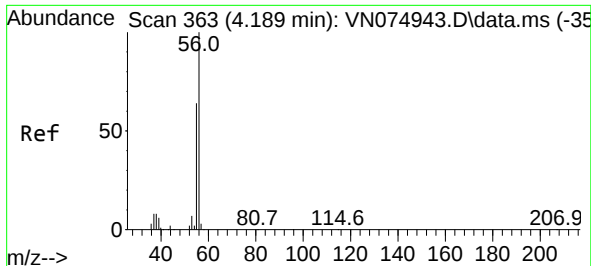


#12
1,1-Dichloroethene
Concen: 51.049 ug/l
RT: 4.342 min Scan# 389
Delta R.T. -0.005 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32



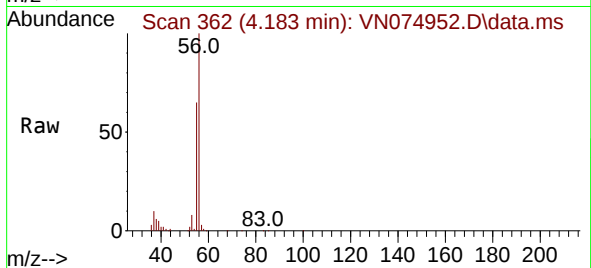
Tgt Ion: 96 Resp: 301329
Ion Ratio Lower Upper
96 100
61 145.4 128.9 193.3
98 60.4 51.8 77.8





#13
Acrolein
Concen: 253.541 ug/l
RT: 4.183 min Scan# 362
Delta R.T. -0.006 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

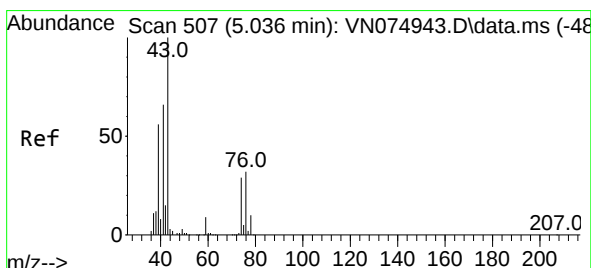
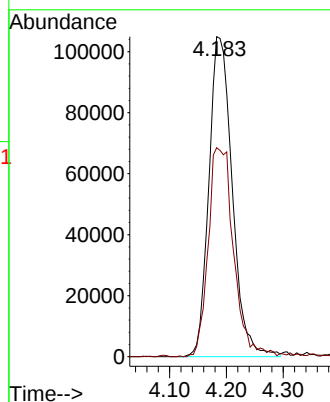
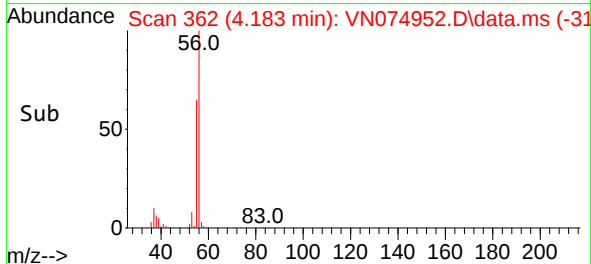
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 299599
Ion Ratio Lower Upper
56 100
55 70.8 53.7 80.5

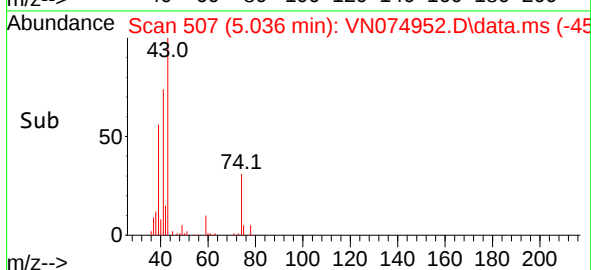
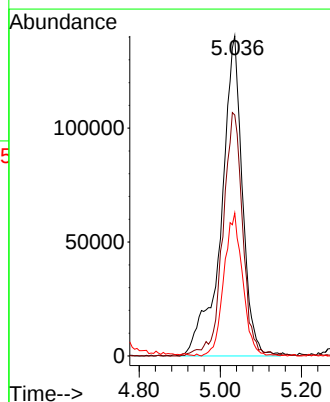
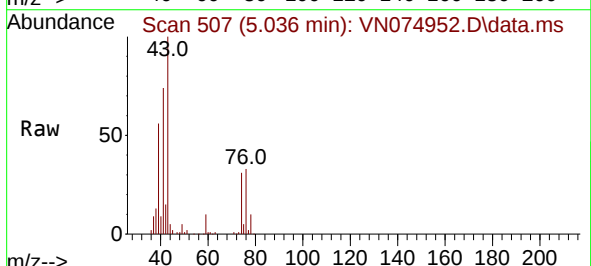
Manual Integrations
APPROVED

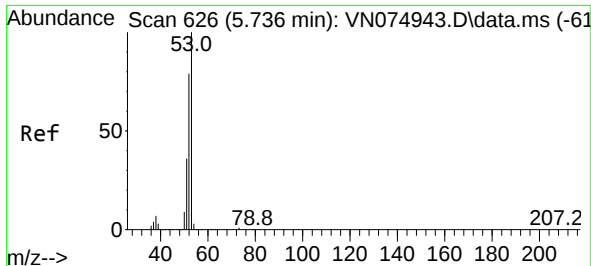
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#14
Allyl chloride
Concen: 48.616 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

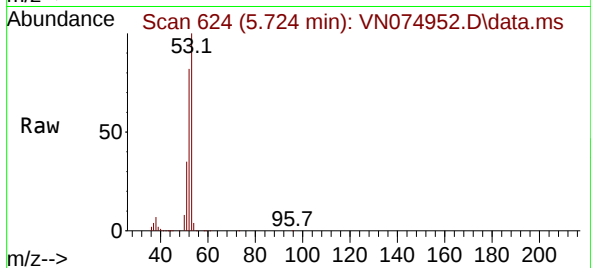
Tgt Ion: 41 Resp: 510132
Ion Ratio Lower Upper
41 100
39 71.2 60.0 90.0
76 39.4 33.7 50.5





#15
Acrylonitrile
Concen: 236.436 ug/l
RT: 5.724 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

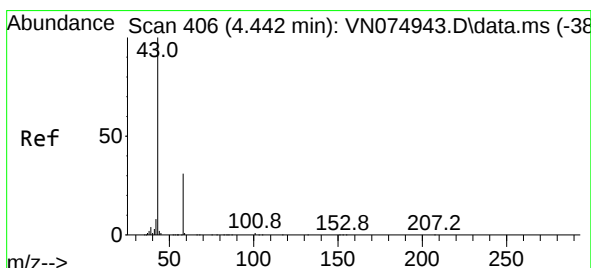
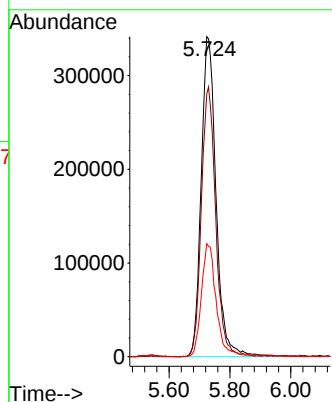
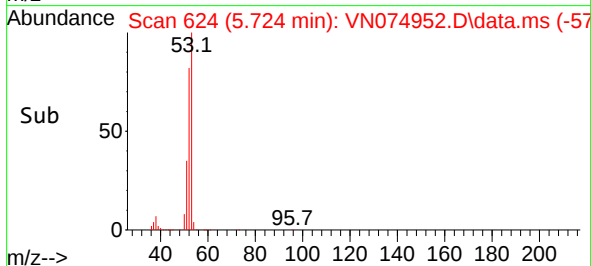
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



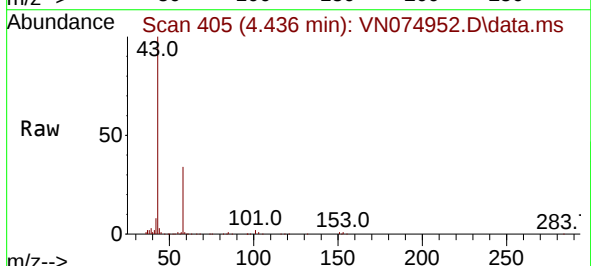
Tgt Ion: 53 Resp: 1158628
Ion Ratio Lower Upper
53 100
52 81.1 66.7 100.1
51 35.2 28.8 43.2

Manual Integrations
APPROVED

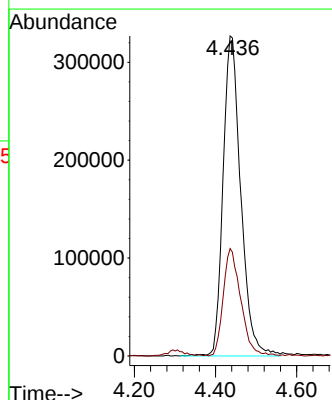
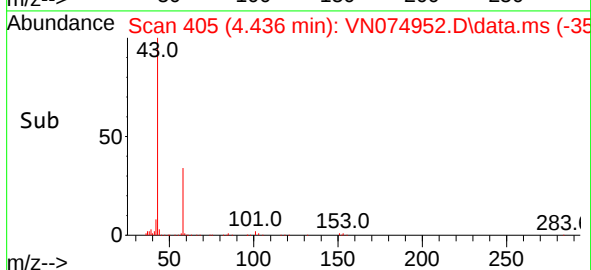
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

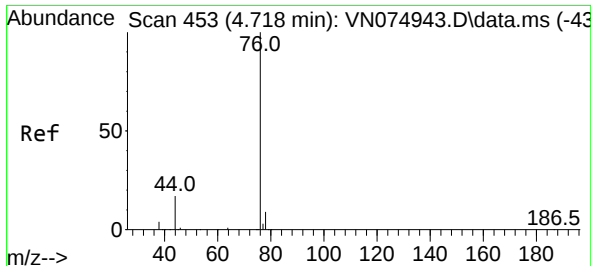


#16
Acetone
Concen: 254.129 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32



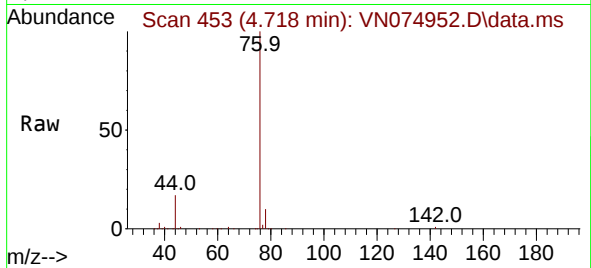
Tgt Ion: 43 Resp: 992458
Ion Ratio Lower Upper
43 100
58 33.3 25.7 38.5





#17
Carbon Disulfide
Concen: 50.532 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

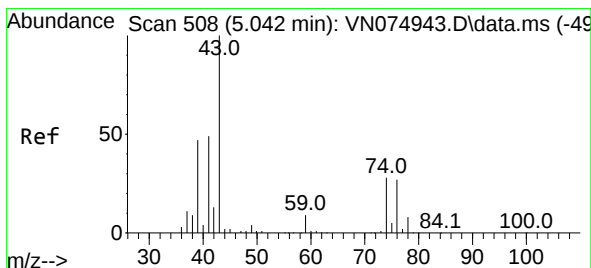
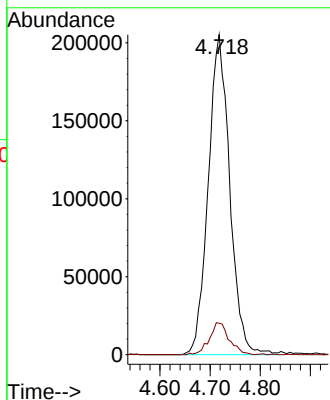
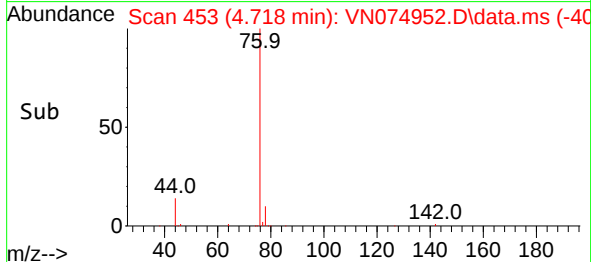
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 61201
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.2

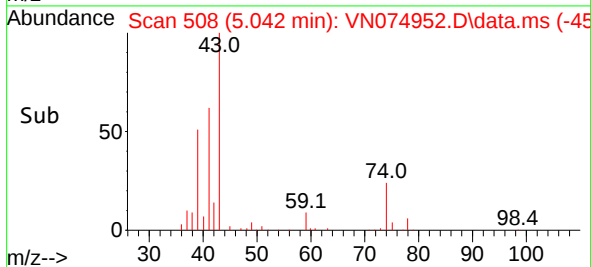
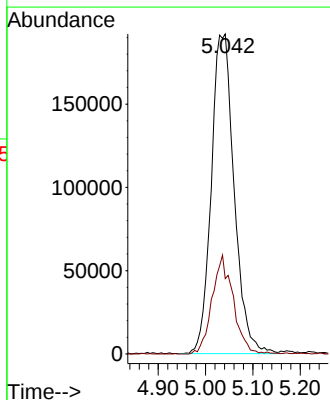
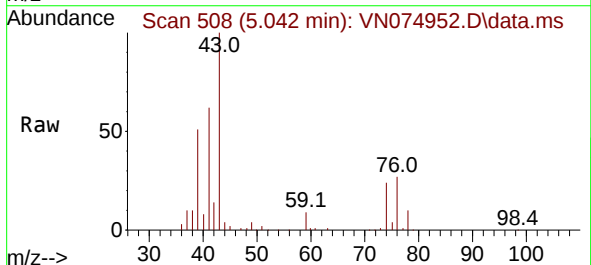
Manual Integrations
APPROVED

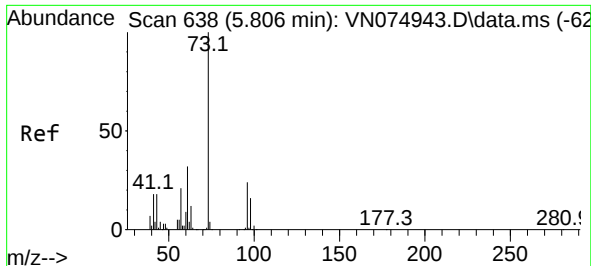
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#18
Methyl Acetate
Concen: 44.306 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

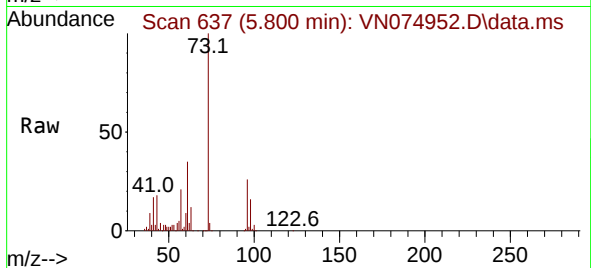
Tgt Ion: 43 Resp: 644741
Ion Ratio Lower Upper
43 100
74 28.3 23.1 34.7





#19
Methyl tert-butyl Ether
Concen: 48.850 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

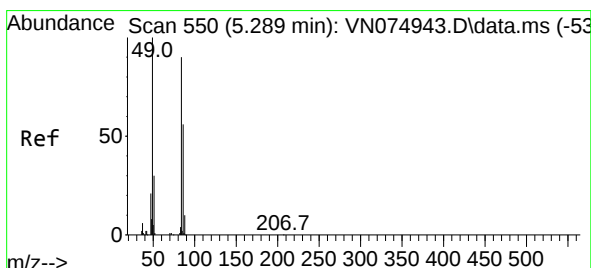
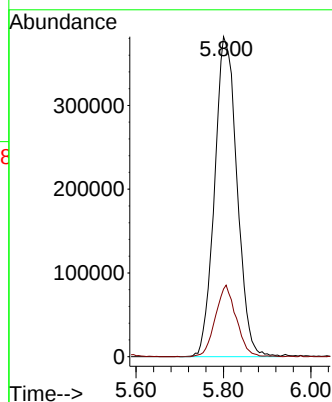
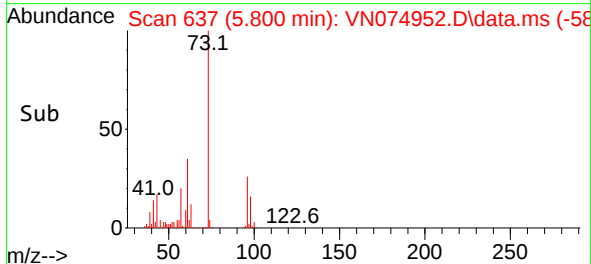
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 1359118
Ion Ratio Lower Upper
73 100
57 21.1 16.9 25.3

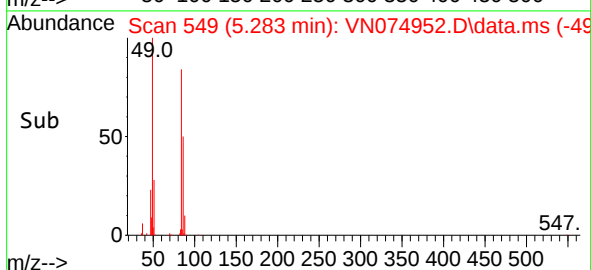
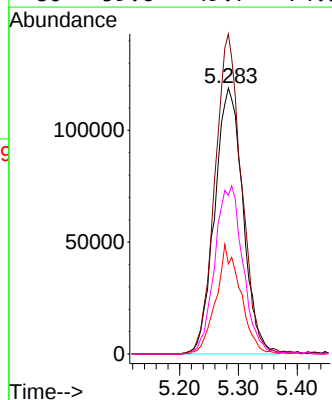
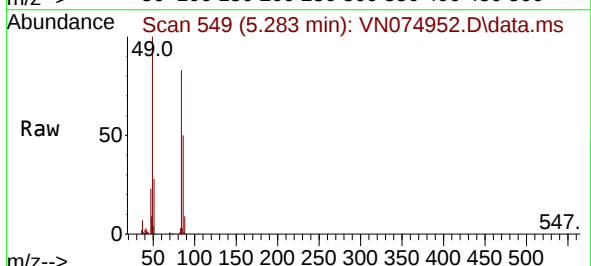
Manual Integrations
APPROVED

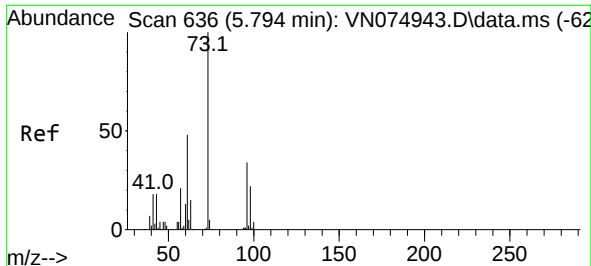
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#20
Methylene Chloride
Concen: 51.538 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

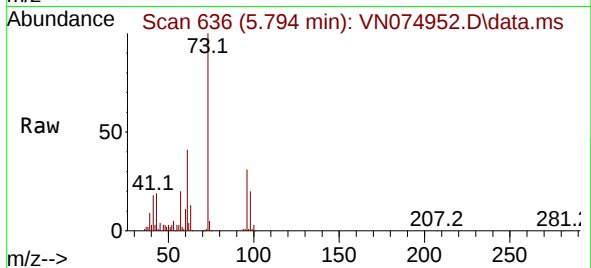
Tgt Ion: 84 Resp: 397129
Ion Ratio Lower Upper
84 100
49 120.3 88.6 133.0
51 33.9 26.7 40.1
86 59.6 49.7 74.5





#21
trans-1,2-Dichloroethene
Concen: 47.005 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

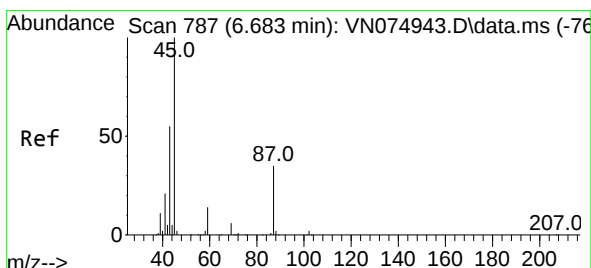
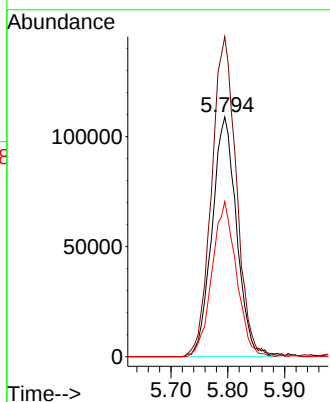
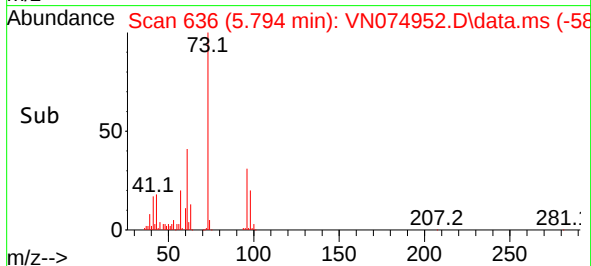
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 327274
Ion Ratio Lower Upper
96 100
61 133.5 112.6 169.0
98 64.7 52.4 78.6

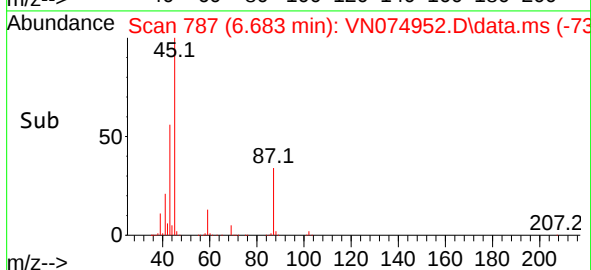
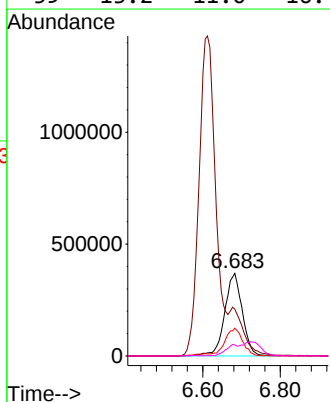
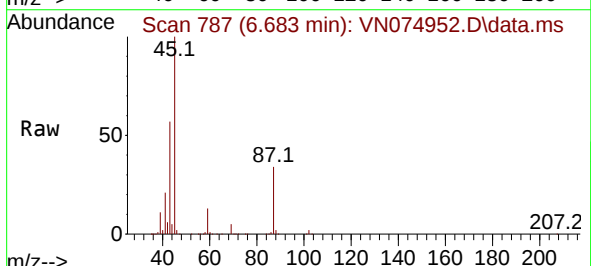
Manual Integrations
APPROVED

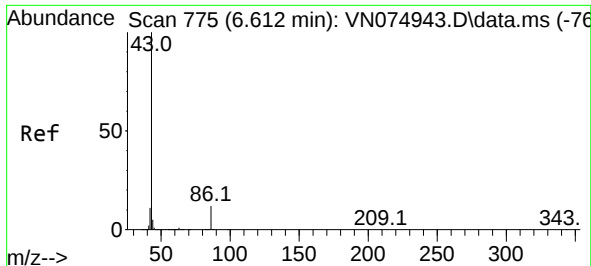
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#22
Diisopropyl ether
Concen: 48.569 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

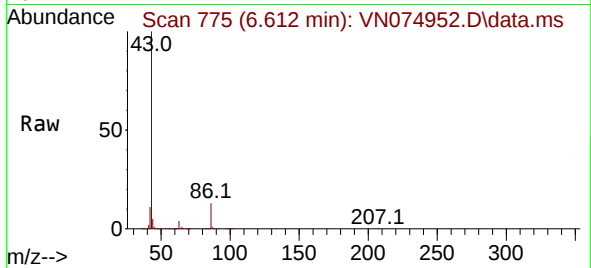
Tgt Ion: 45 Resp: 1166258
Ion Ratio Lower Upper
45 100
43 56.5 44.9 67.3
87 33.6 28.0 42.0
59 13.2 11.0 16.4





#23
 Vinyl Acetate
 Concen: 255.142 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN074952.D
 Acq: 21 Oct 2022 10:32

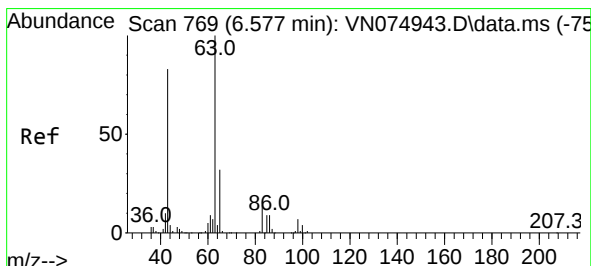
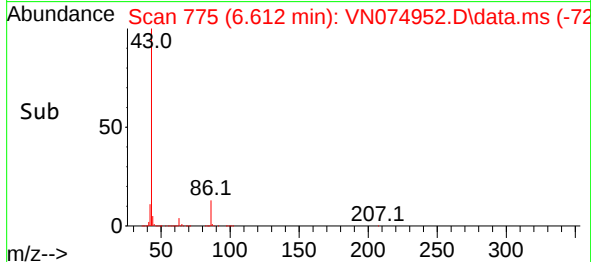
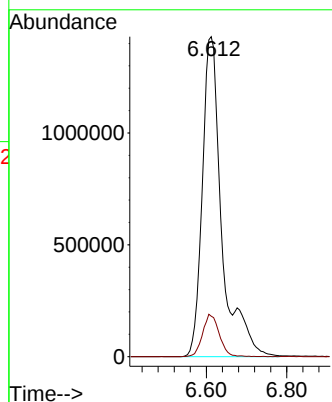
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 4822714
 Ion Ratio Lower Upper
 43 100
 86 12.7 9.4 14.0

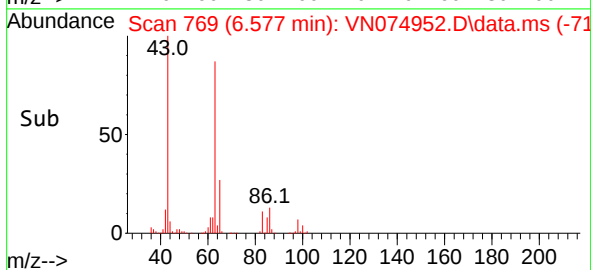
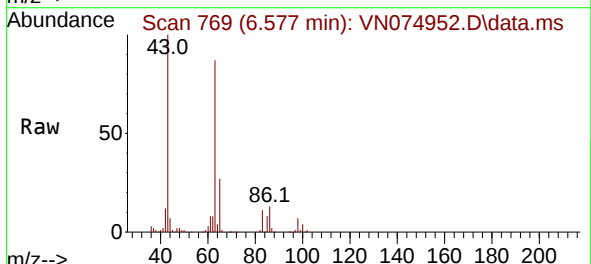
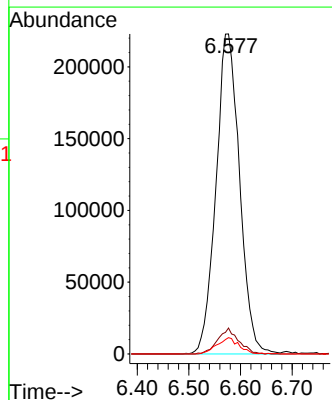
Manual Integrations
 APPROVED

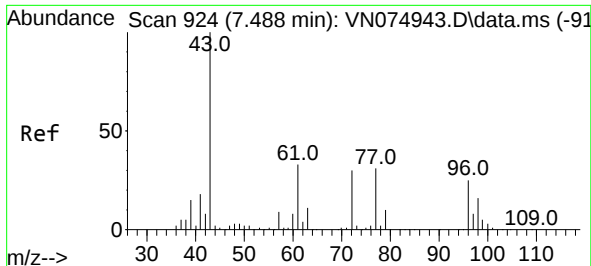
Reviewed By :John Carlone 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022



#24
 1,1-Dichloroethane
 Concen: 47.609 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN074952.D
 Acq: 21 Oct 2022 10:32

Tgt Ion: 63 Resp: 706895
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.7 11.1
 100 5.1 2.0 6.0





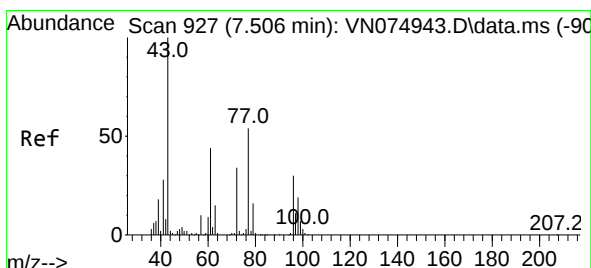
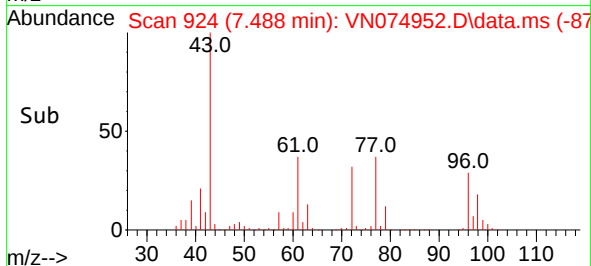
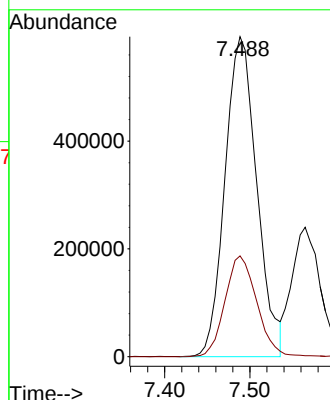
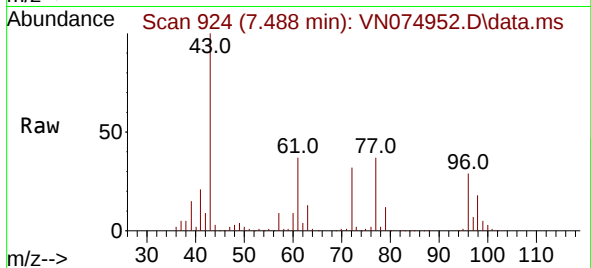
#25
2-Butanone
Concen: 220.848 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 154155
Ion Ratio Lower Upper
43 100
72 31.5 23.9 35.9

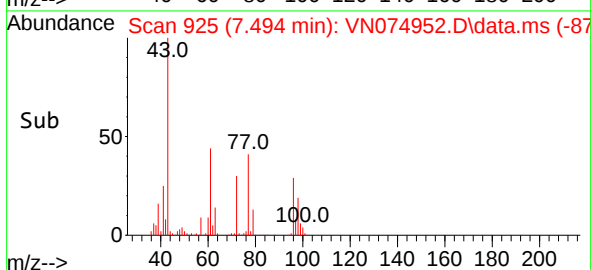
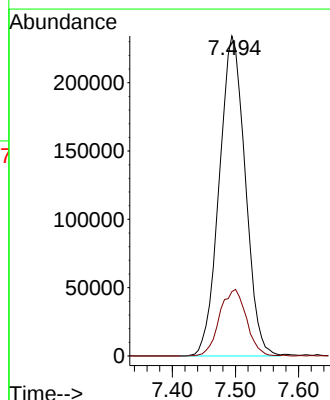
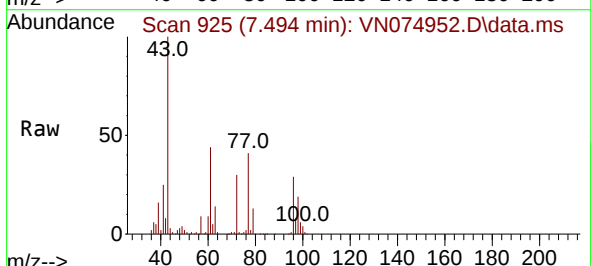
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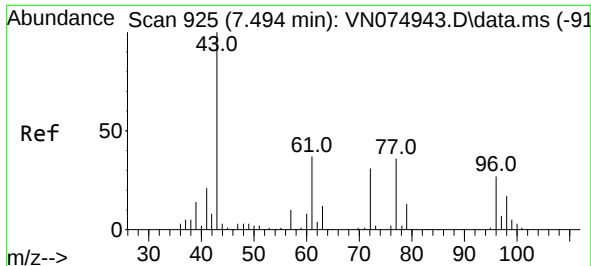
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#26
2,2-Dichloropropane
Concen: 47.763 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.012 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

Tgt Ion: 77 Resp: 670223
Ion Ratio Lower Upper
77 100
97 21.5 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 46.668 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN074952.D

Acq: 21 Oct 2022 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 44920

Ion Ratio Lower Upper

96 100

61 141.4 0.0 277.8

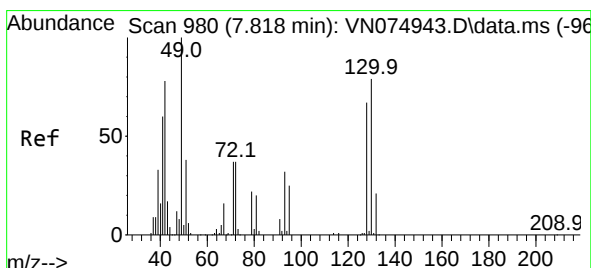
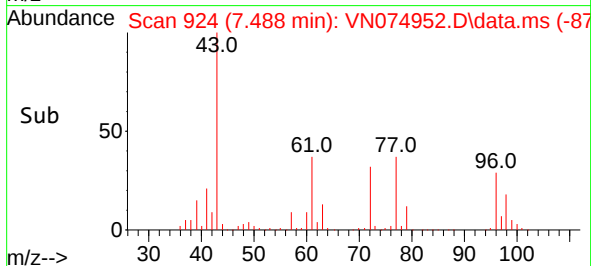
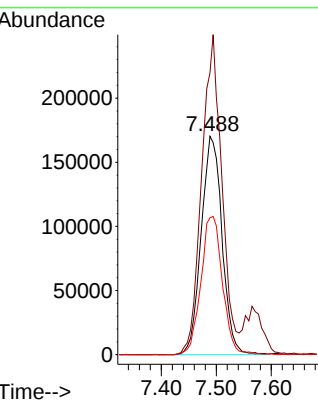
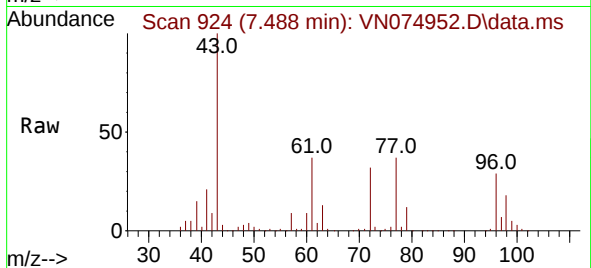
98 65.2 0.0 127.2

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Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#28

Bromochloromethane

Concen: 51.603 ug/l

RT: 7.818 min Scan# 980

Delta R.T. -0.000 min

Lab File: VN074952.D

Acq: 21 Oct 2022 10:32

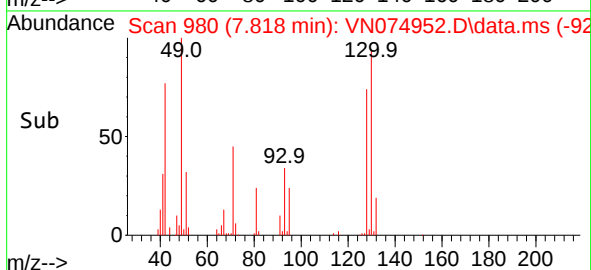
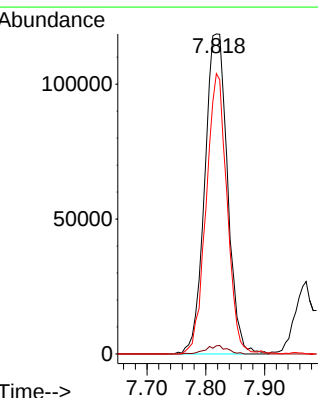
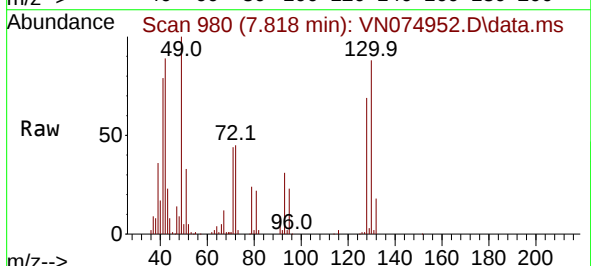
Tgt Ion: 49 Resp: 319266

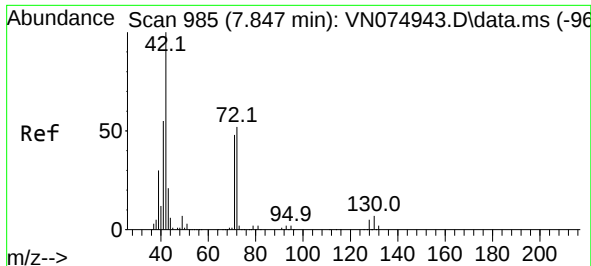
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.2

130 80.5 64.4 96.6





#29

Tetrahydrofuran

Concen: 221.437 ug/l

RT: 7.841 min Scan# 985

Delta R.T. -0.006 min

Lab File: VN074952.D

Acq: 21 Oct 2022 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 95329

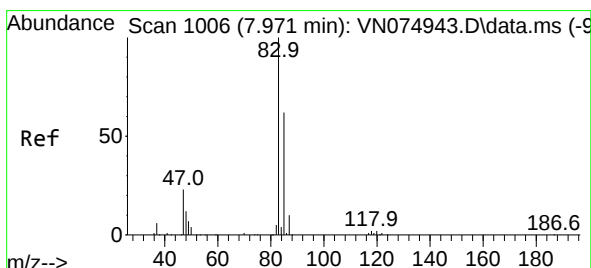
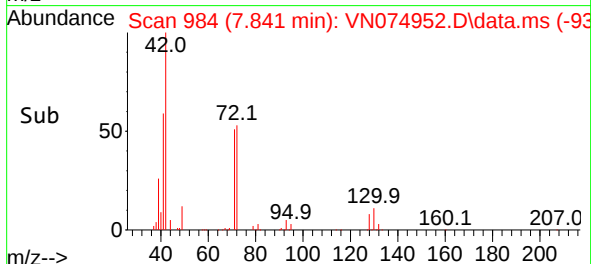
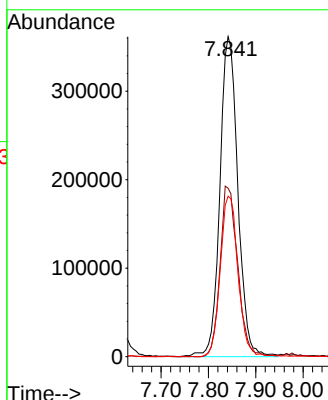
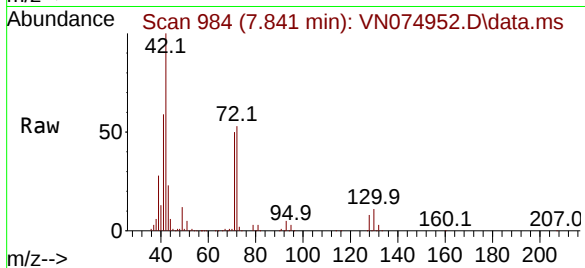
Ion	Ratio	Lower	Upper
42	100		
72	52.1	42.2	63.4
71	49.8	39.4	59.2

Manual Integrations

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Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#30

Chloroform

Concen: 47.417 ug/l

RT: 7.971 min Scan# 1006

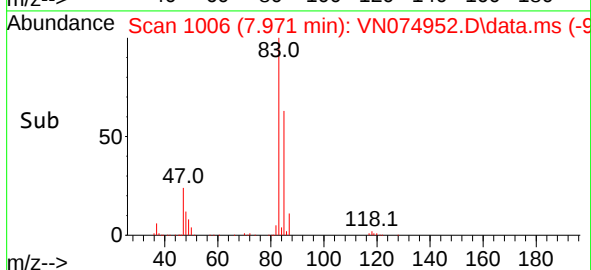
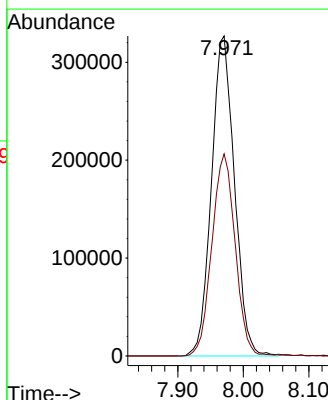
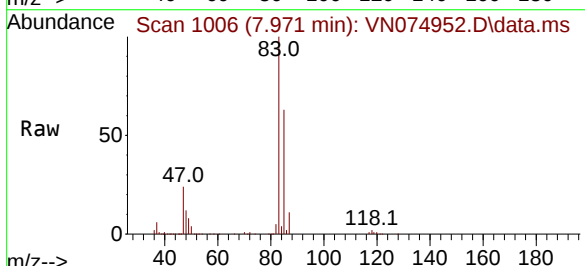
Delta R.T. -0.000 min

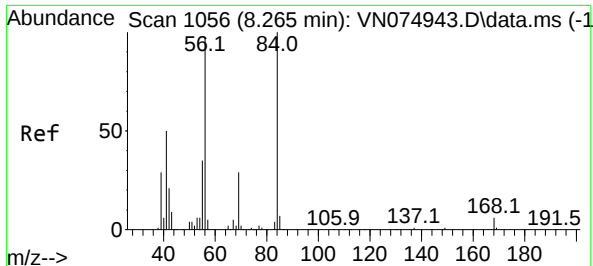
Lab File: VN074952.D

Acq: 21 Oct 2022 10:32

Tgt Ion: 83 Resp: 795531

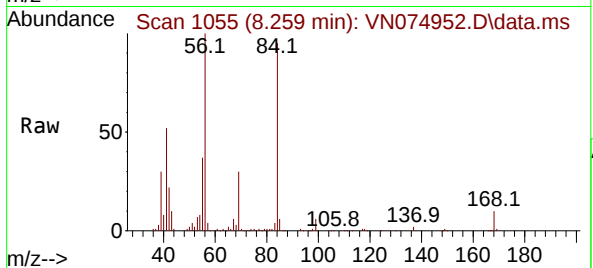
Ion	Ratio	Lower	Upper
83	100		
85	63.1	49.9	74.9





#31
Cyclohexane
Concen: 45.994 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

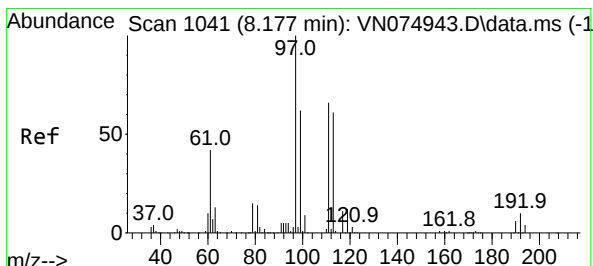
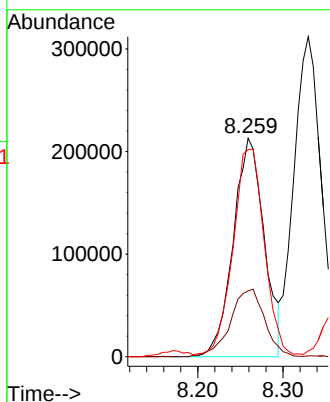
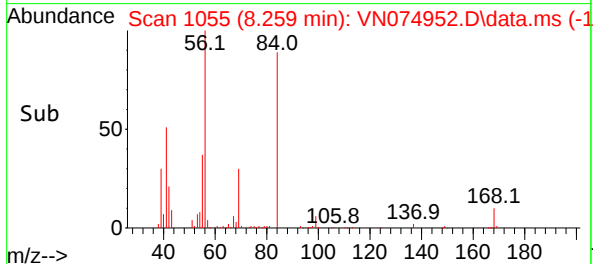
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



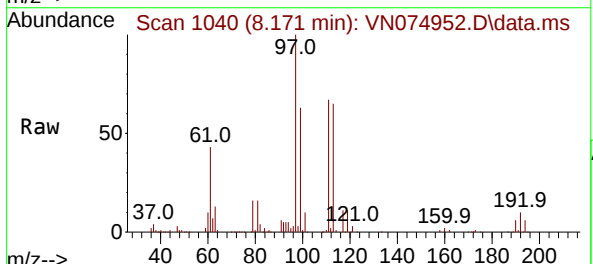
Tgt Ion: 56 Resp: 538436
Ion Ratio Lower Upper
56 100
69 30.1 24.2 36.2
84 92.2 82.8 124.2

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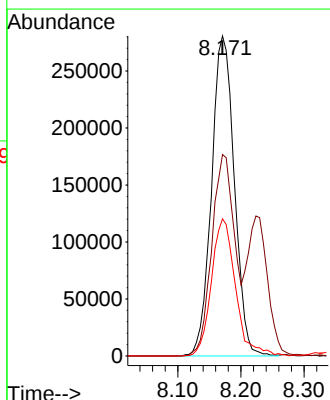
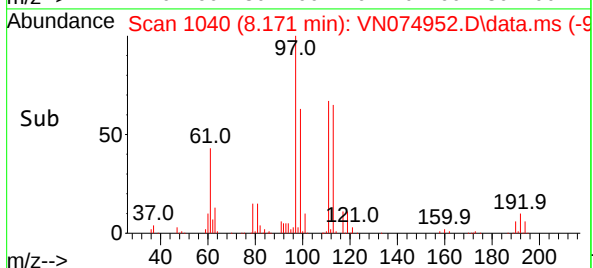
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

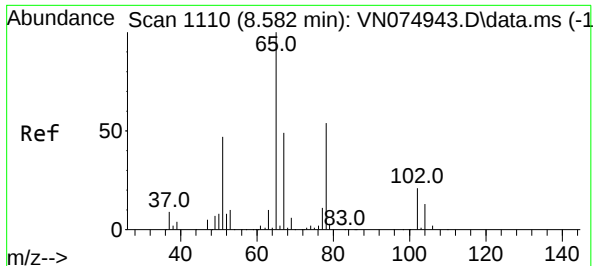


#32
1,1,1-Trichloroethane
Concen: 46.671 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32



Tgt Ion: 97 Resp: 704556
Ion Ratio Lower Upper
97 100
99 62.8 53.0 79.4
61 45.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.475 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN074952.D

Acq: 21 Oct 2022 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 54398

Ion Ratio Lower Upper

65 100

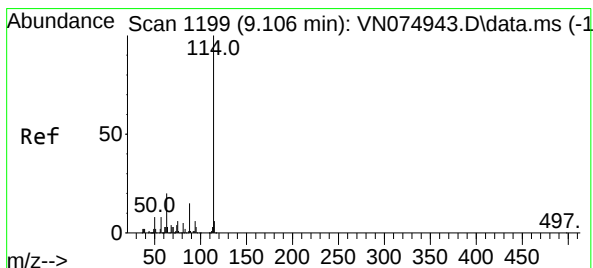
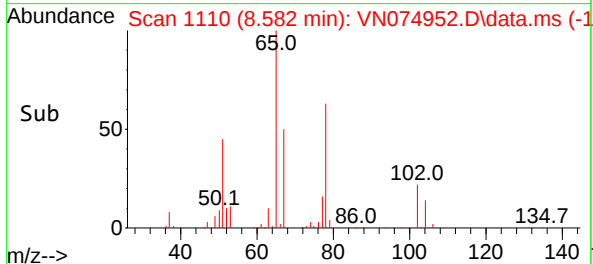
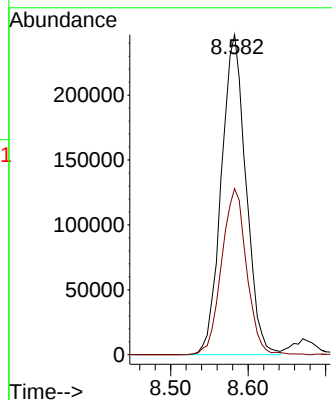
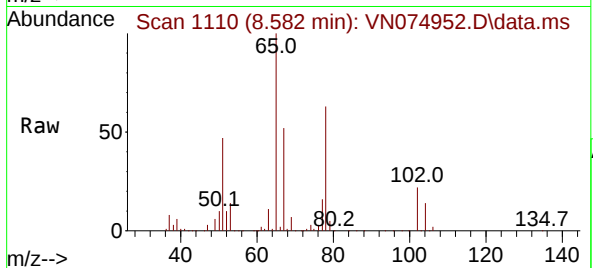
67 52.6 0.0 102.6

Manual Integrations

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Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN074952.D

Acq: 21 Oct 2022 10:32

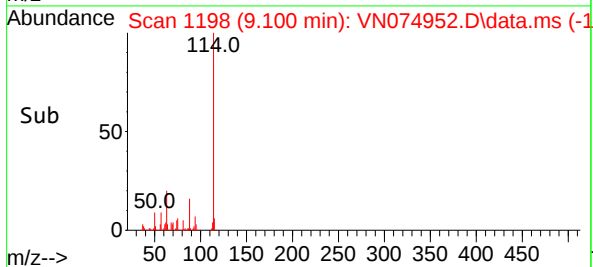
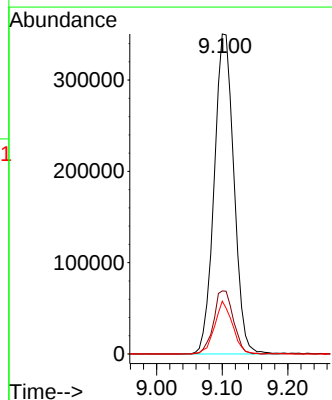
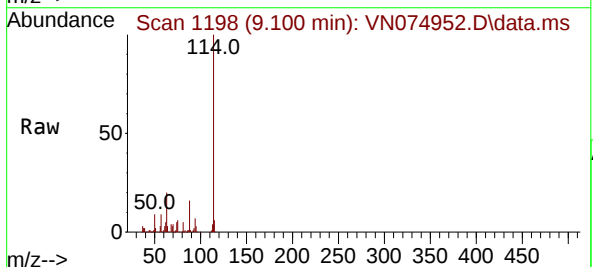
Tgt Ion:114 Resp: 732036

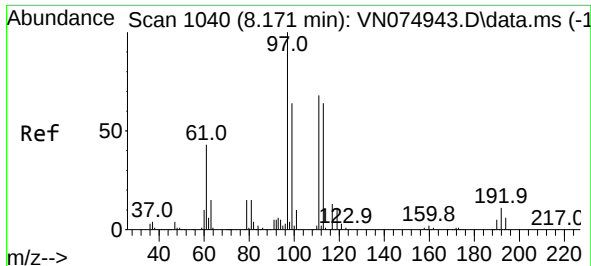
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.8

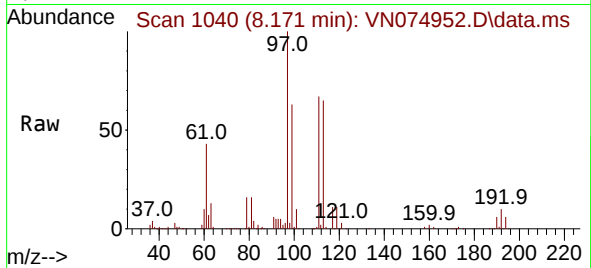
88 16.5 0.0 30.4





#35
Dibromofluoromethane
Concen: 49.889 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

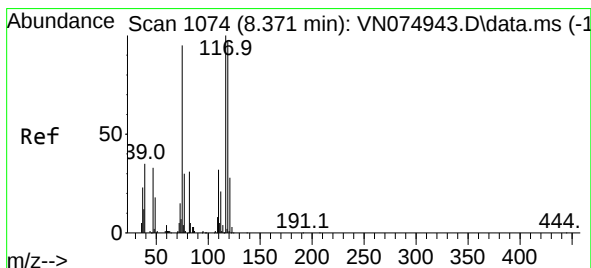
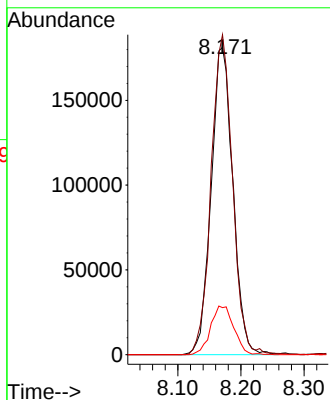
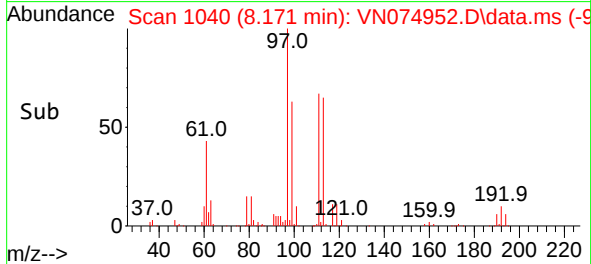
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 434685
Ion Ratio Lower Upper
113 100
111 102.4 83.4 125.2
192 16.9 13.3 19.9

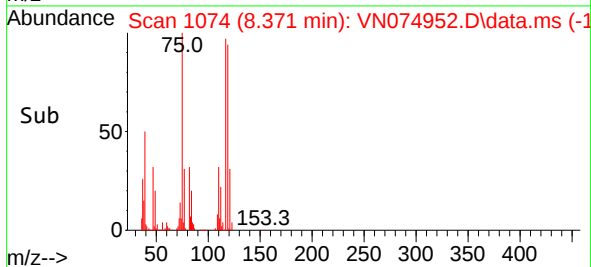
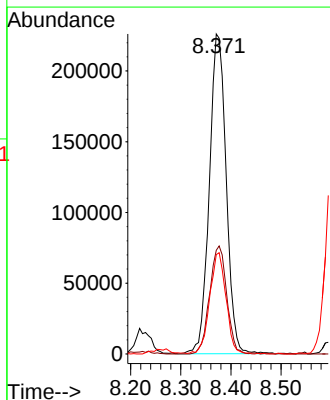
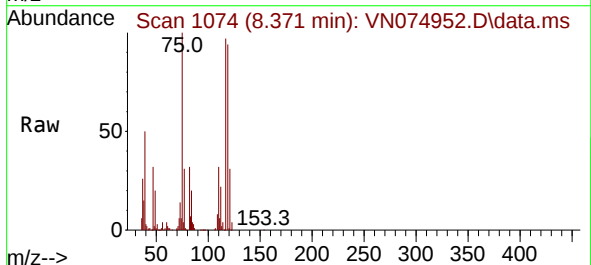
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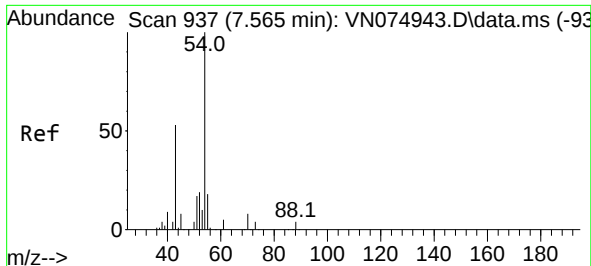
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#36
1,1-Dichloropropene
Concen: 48.200 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

Tgt Ion: 75 Resp: 528903
Ion Ratio Lower Upper
75 100
110 34.1 18.1 54.4
77 30.6 25.0 37.4





#37

Ethyl Acetate

Concen: 45.074 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN074952.D

Acq: 21 Oct 2022 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 58240

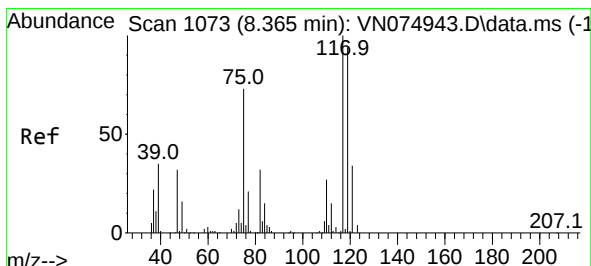
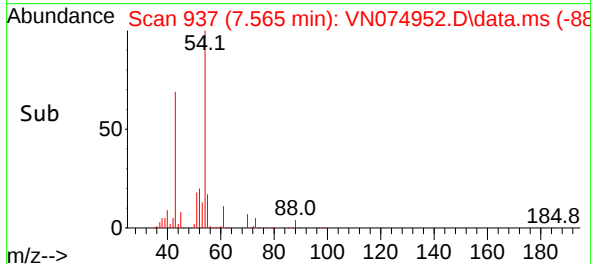
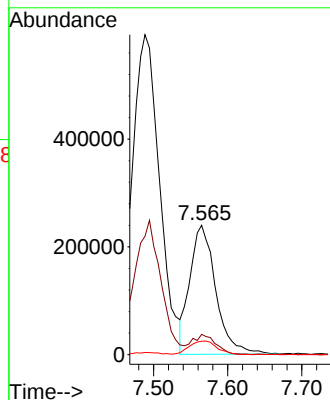
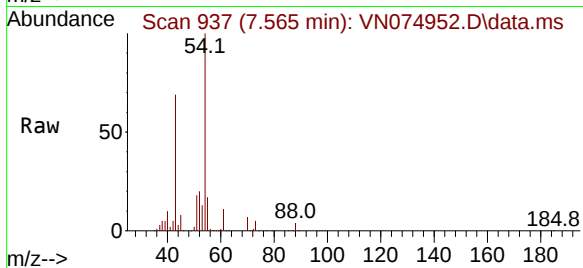
Ion	Ratio	Lower	Upper
43	100		
61	14.0	12.1	18.1
70	11.5	9.2	13.8

Manual Integrations

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Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#38

Carbon Tetrachloride

Concen: 48.786 ug/l

RT: 8.365 min Scan# 1073

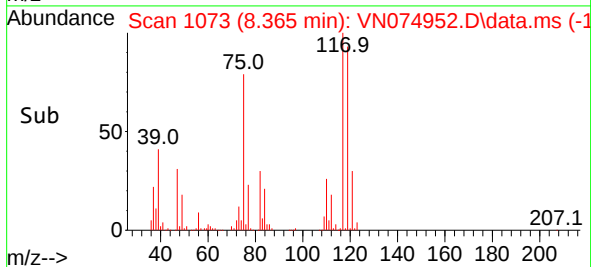
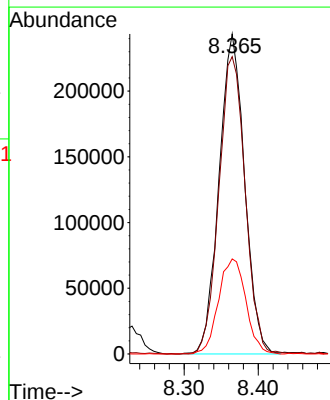
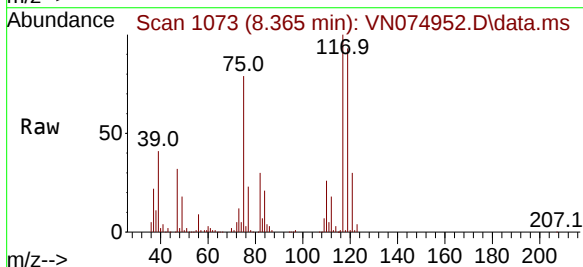
Delta R.T. 0.000 min

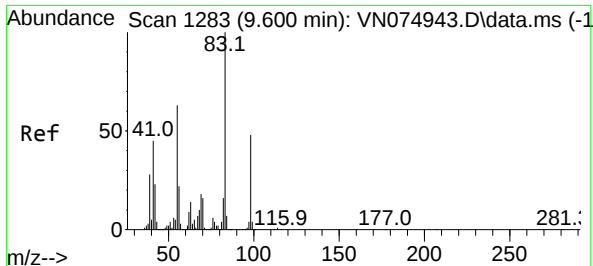
Lab File: VN074952.D

Acq: 21 Oct 2022 10:32

Tgt Ion:117 Resp: 582760

Ion	Ratio	Lower	Upper
117	100		
119	92.9	75.2	112.8
121	29.7	27.0	40.6





#39

Methylcyclohexane

Concen: 49.812 ug/l

RT: 9.600 min Scan# 1114

Delta R.T. 0.000 min

Lab File: VN074952.D

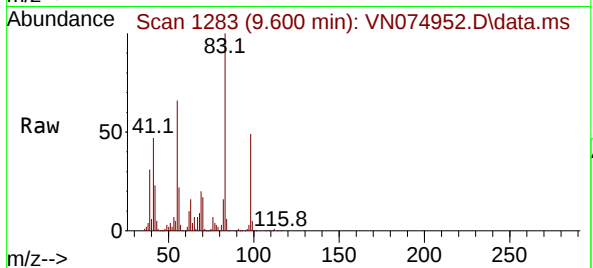
Acq: 21 Oct 2022 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 83 Resp: 647604

Ion Ratio Lower Upper

83 100

55 66.1 50.8 76.2

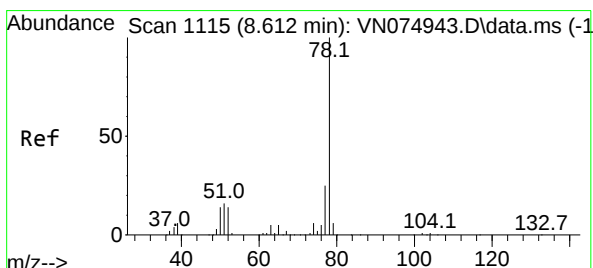
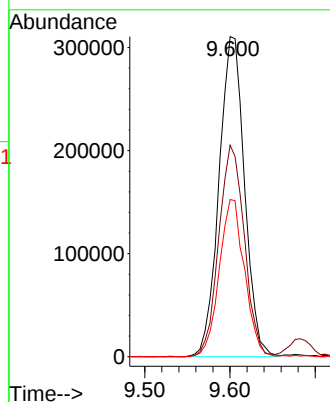
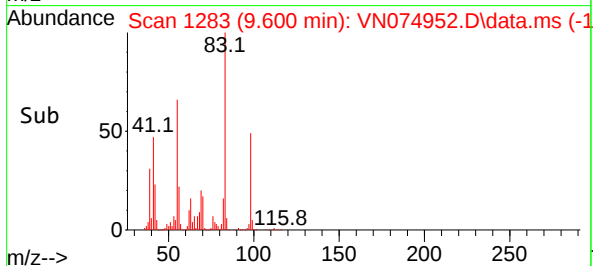
98 49.1 38.8 58.2

Manual Integrations

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Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#40

Benzene

Concen: 48.580 ug/l

RT: 8.606 min Scan# 1114

Delta R.T. -0.006 min

Lab File: VN074952.D

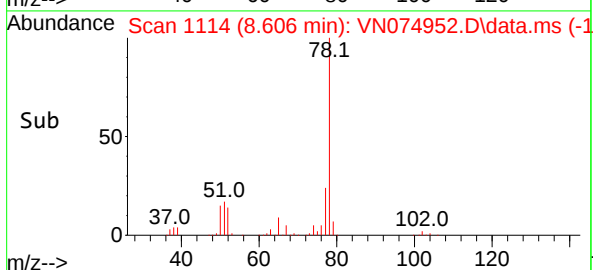
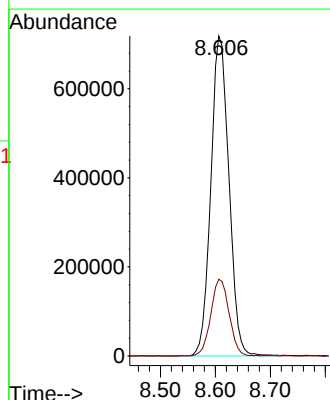
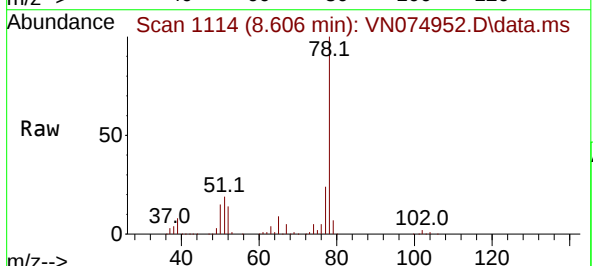
Acq: 21 Oct 2022 10:32

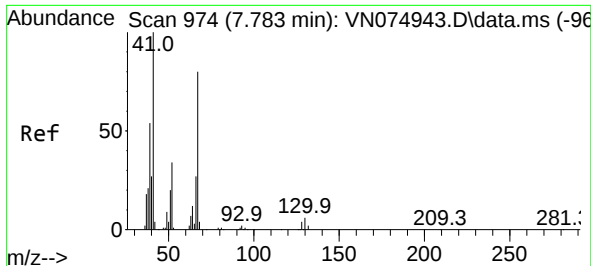
Tgt Ion: 78 Resp: 1643443

Ion Ratio Lower Upper

78 100

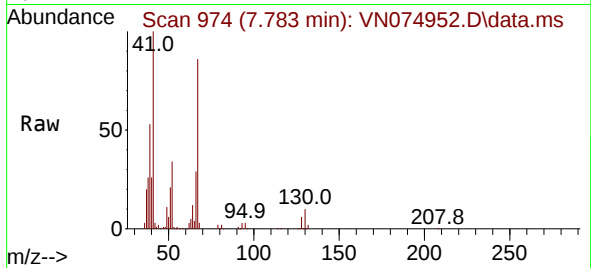
77 23.9 19.6 29.4





#41
Methacrylonitrile
Concen: 49.896 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

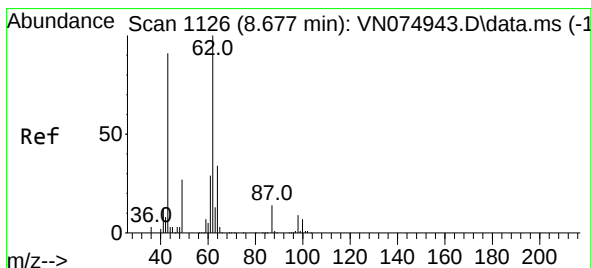
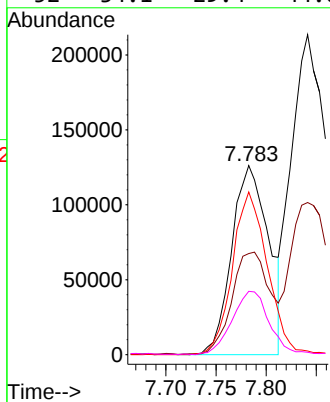
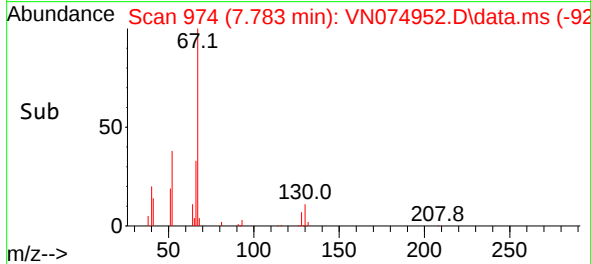
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 32359
Ion Ratio Lower Upper
41 100
39 55.7 47.9 71.9
67 81.9 70.8 106.2
52 34.1 29.4 44.0

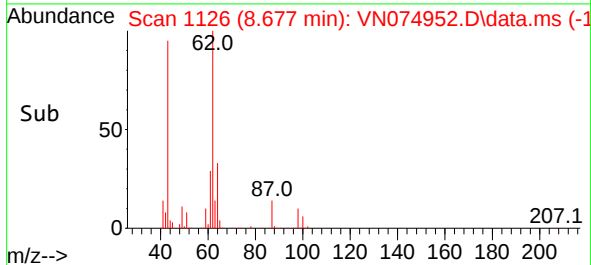
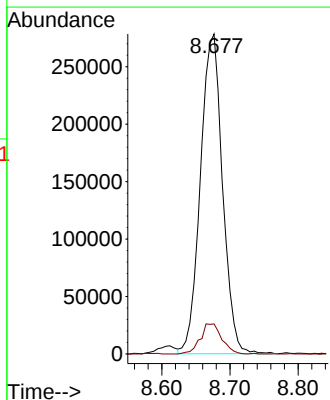
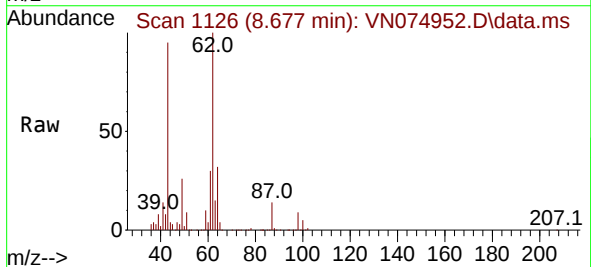
Manual Integrations
APPROVED

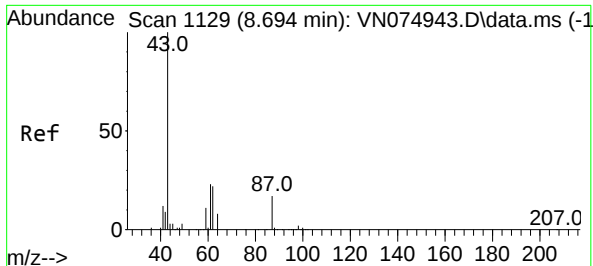
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#42
1,2-Dichloroethane
Concen: 49.053 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

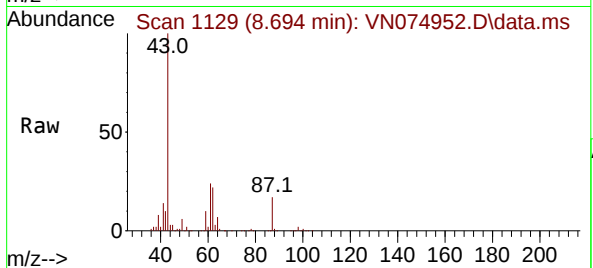
Tgt Ion: 62 Resp: 628152
Ion Ratio Lower Upper
62 100
98 9.2 0.0 17.8





#43
Isopropyl Acetate
Concen: 48.276 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

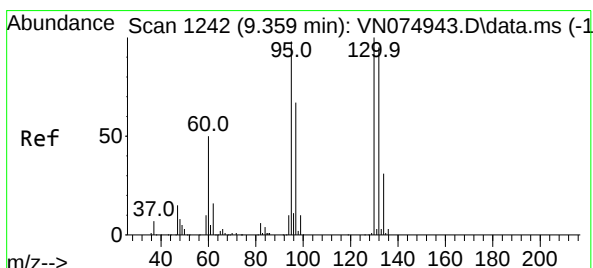
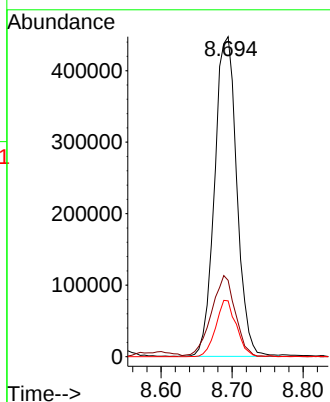
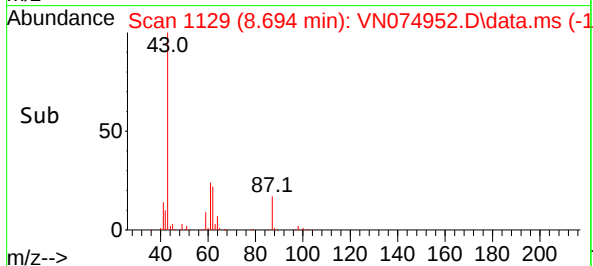
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 967492
Ion Ratio Lower Upper
43 100
61 27.4 22.3 33.5
87 16.4 12.8 19.2

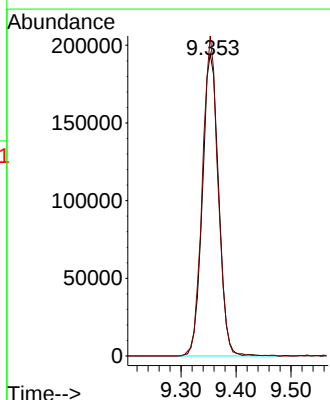
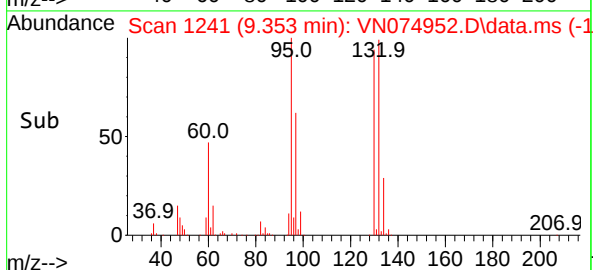
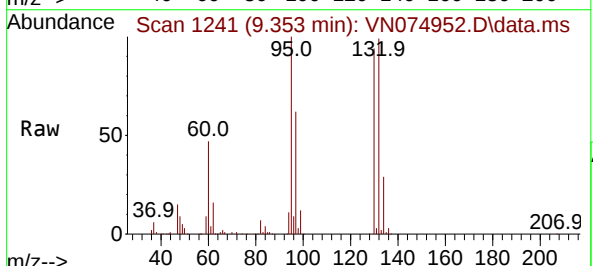
Manual Integrations
APPROVED

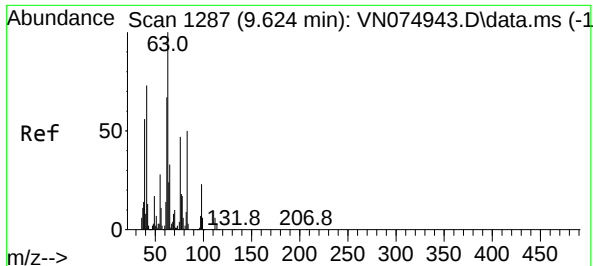
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#44
Trichloroethene
Concen: 48.003 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

Tgt Ion:130 Resp: 398566
Ion Ratio Lower Upper
130 100
95 106.0 0.0 195.8





#45

1,2-Dichloropropane

Concen: 49.942 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN074952.D

Acq: 21 Oct 2022 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 43544

Ion Ratio Lower Upper

63 100

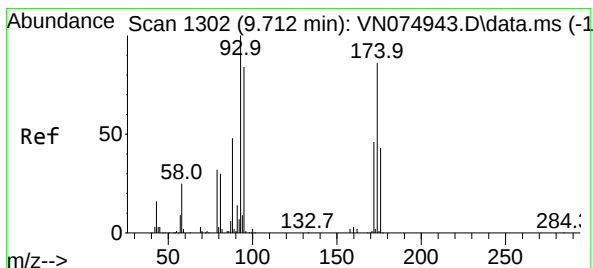
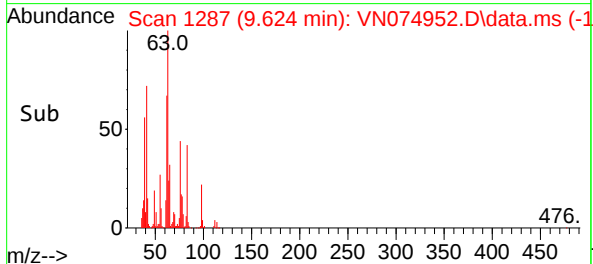
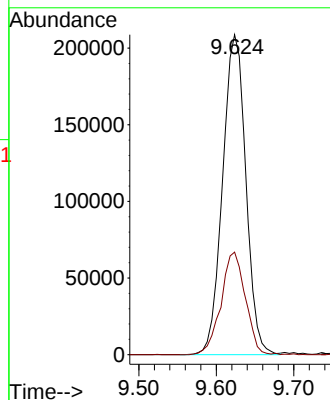
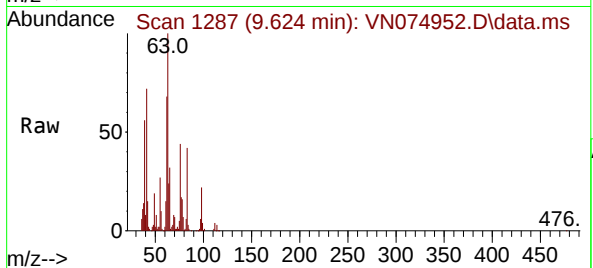
65 32.1 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#46

Dibromomethane

Concen: 50.671 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN074952.D

Acq: 21 Oct 2022 10:32

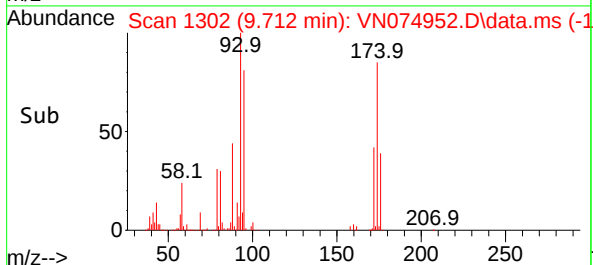
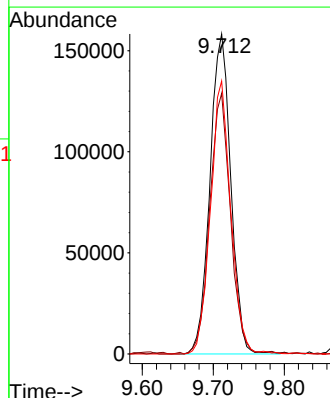
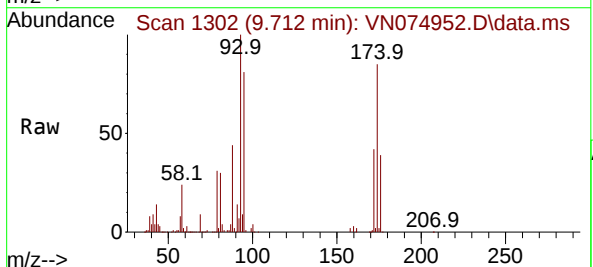
Tgt Ion: 93 Resp: 323081

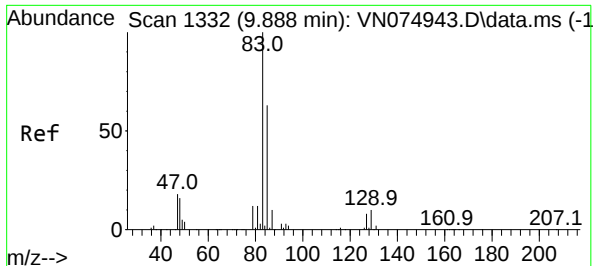
Ion Ratio Lower Upper

93 100

95 80.9 66.0 99.0

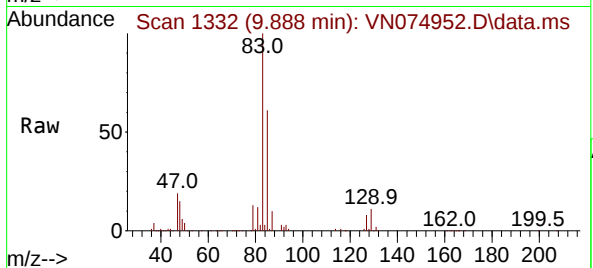
174 82.9 68.8 103.2





#47
Bromodichloromethane
Concen: 50.251 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

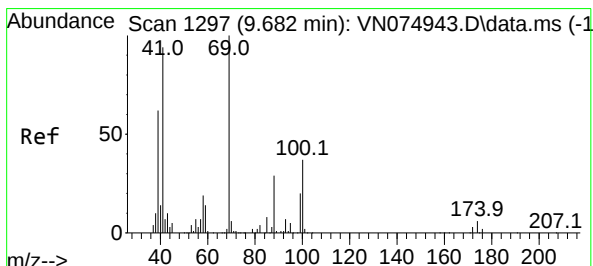
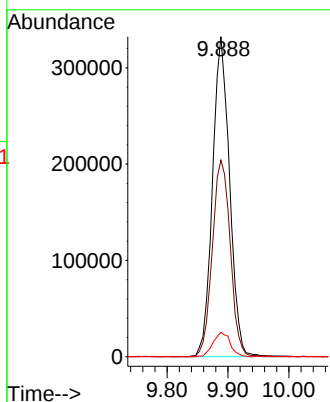
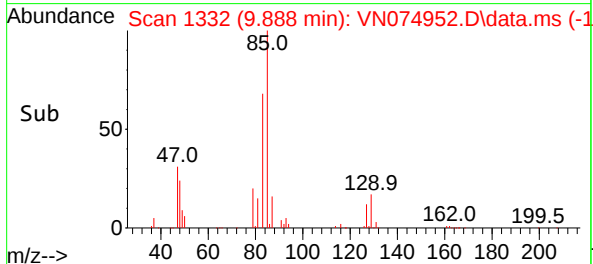
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



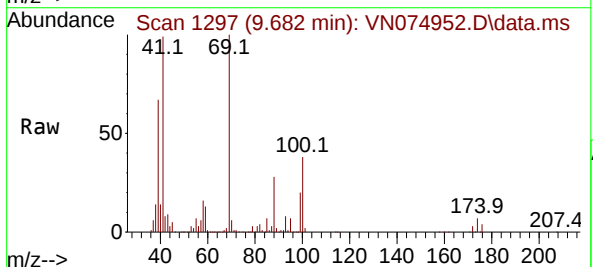
Tgt Ion: 83 Resp: 64724
Ion Ratio Lower Upper
83 100
85 61.4 50.1 75.1
127 7.6 6.5 9.7

Manual Integrations
APPROVED

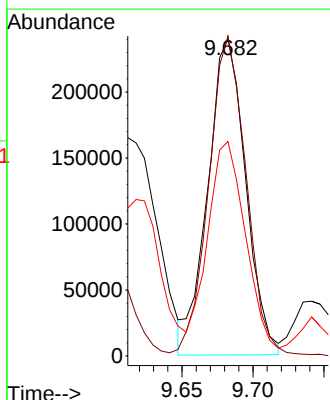
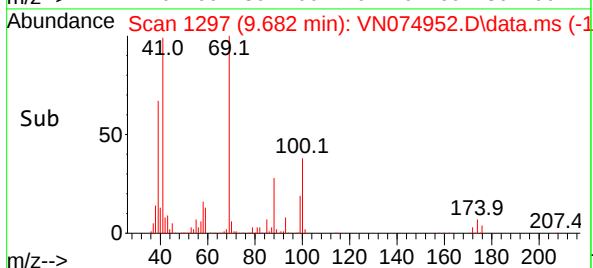
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

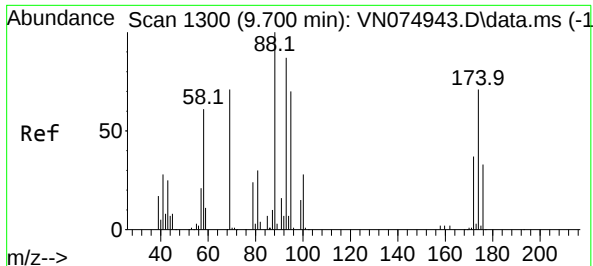


#48
Methyl methacrylate
Concen: 50.856 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32



Tgt Ion: 41 Resp: 445655
Ion Ratio Lower Upper
41 100
69 99.7 79.7 119.5
39 68.3 55.1 82.7





#49

1,4-Dioxane

Concen: 961.745 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN074952.D

Acq: 21 Oct 2022 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 24366

Ion Ratio Lower Upper

88 100

43 22.3 21.1 31.7

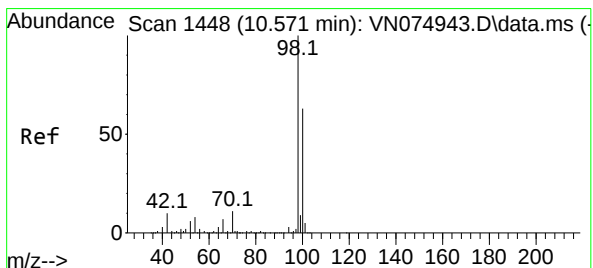
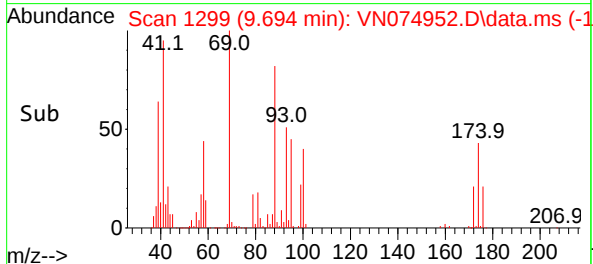
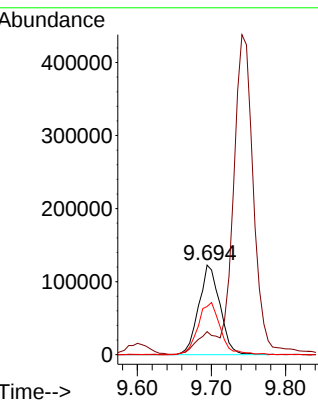
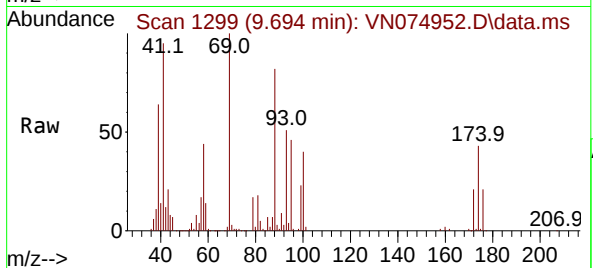
58 61.9 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#50

Toluene-d8

Concen: 51.289 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN074952.D

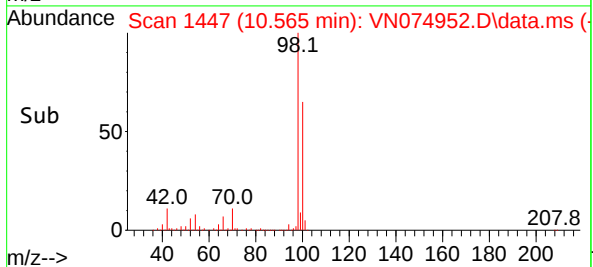
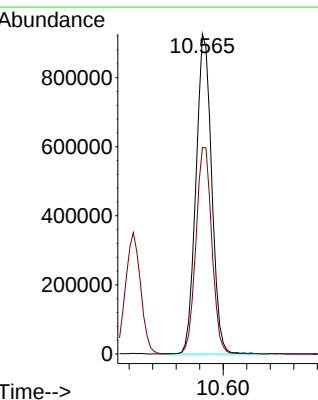
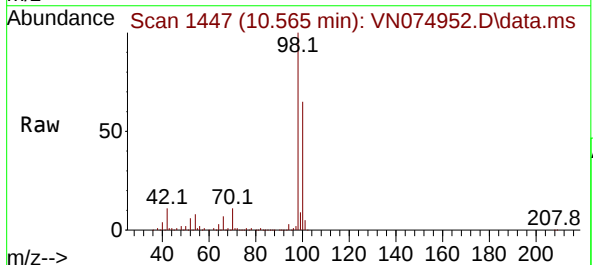
Acq: 21 Oct 2022 10:32

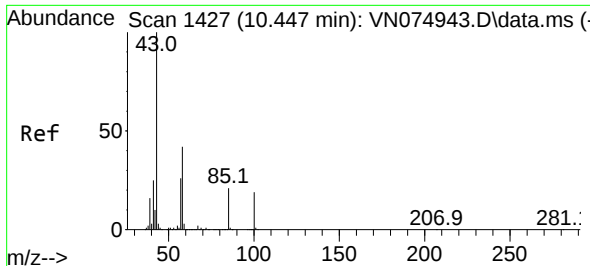
Tgt Ion: 98 Resp: 1714599

Ion Ratio Lower Upper

98 100

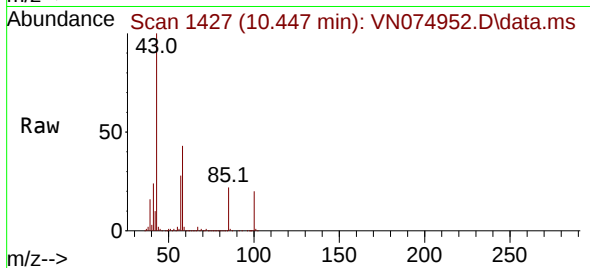
100 65.5 51.4 77.2





#51
4-Methyl-2-Pentanone
Concen: 242.618 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

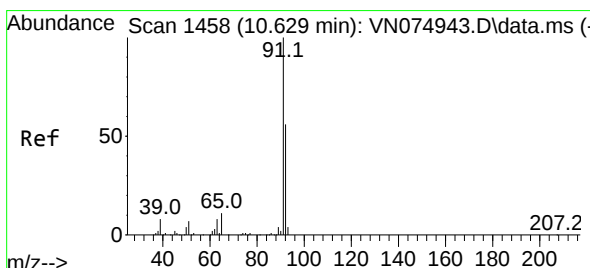
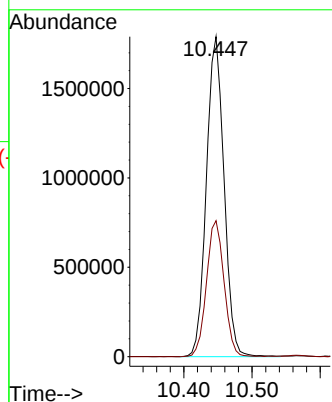
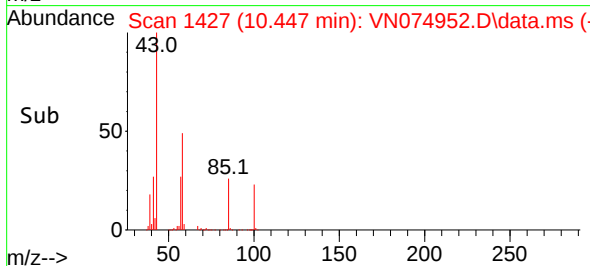
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



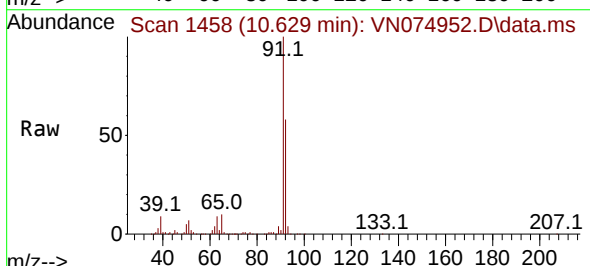
Tgt Ion: 43 Resp: 322074
Ion Ratio Lower Upper
43 100
58 42.4 33.6 50.4

Manual Integrations
APPROVED

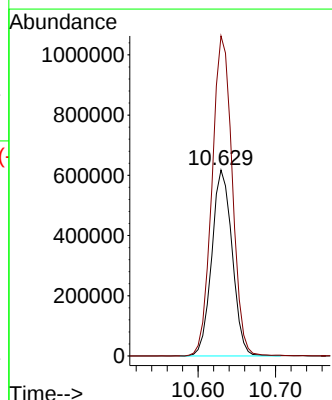
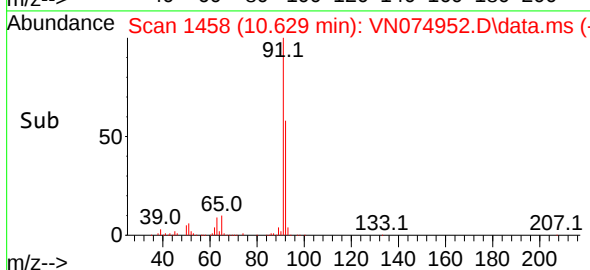
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

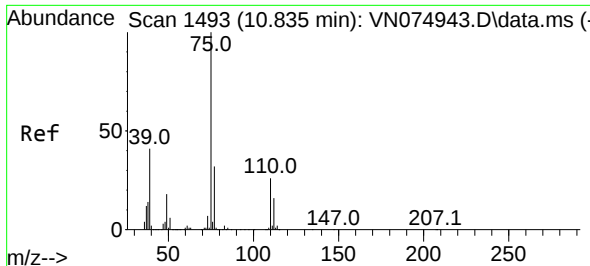


#52
Toluene
Concen: 51.144 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32



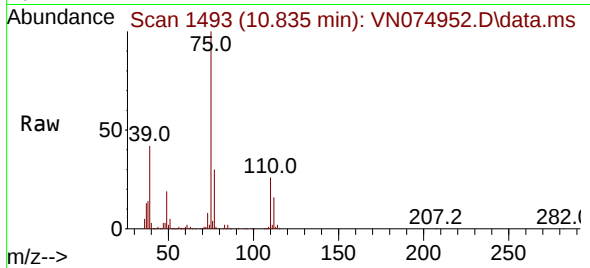
Tgt Ion: 92 Resp: 1128978
Ion Ratio Lower Upper
92 100
91 171.1 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 55.253 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

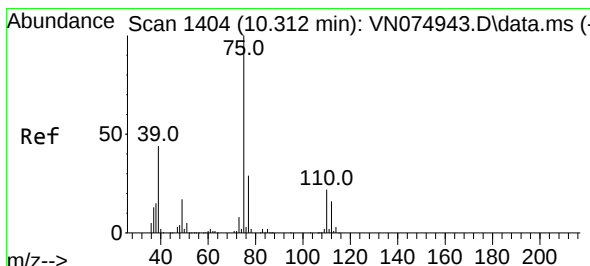
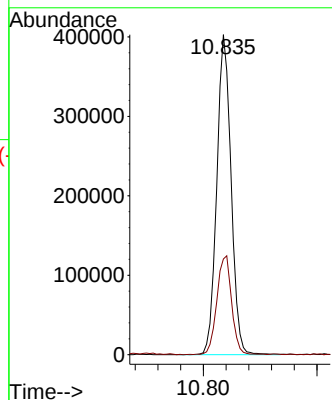
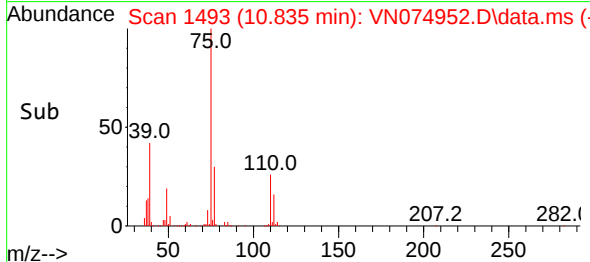
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 702129
Ion Ratio Lower Upper
75 100
77 29.8 25.2 37.8

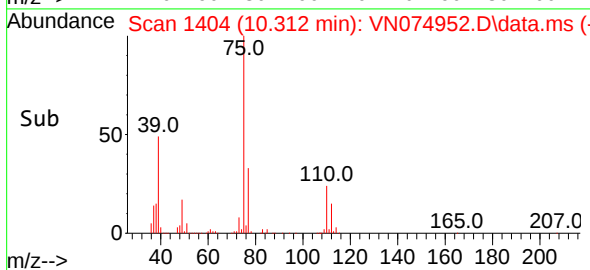
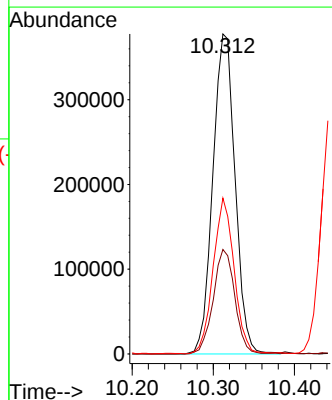
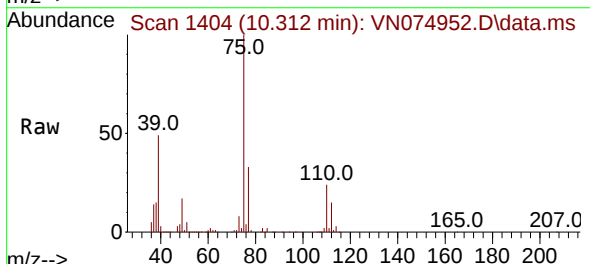
Manual Integrations
APPROVED

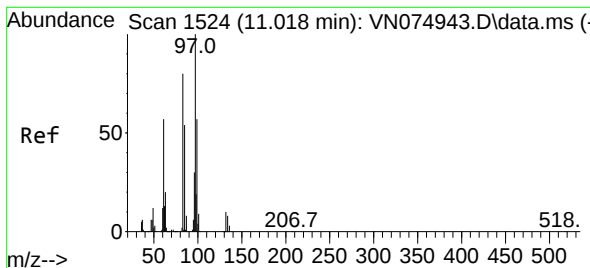
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#54
cis-1,3-Dichloropropene
Concen: 51.137 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. 0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

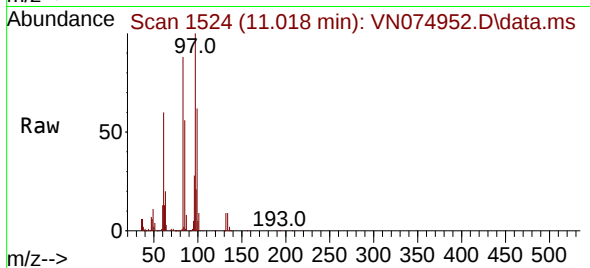
Tgt Ion: 75 Resp: 718623
Ion Ratio Lower Upper
75 100
77 32.6 23.5 35.3
39 48.5 35.1 52.7





#55
1,1,2-Trichloroethane
Concen: 51.116 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

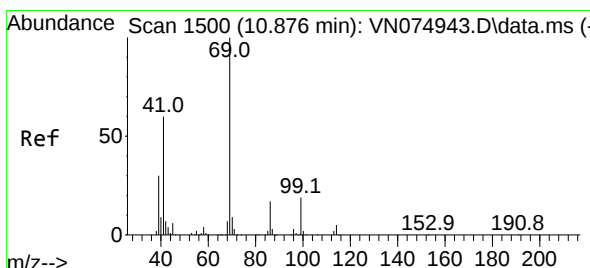
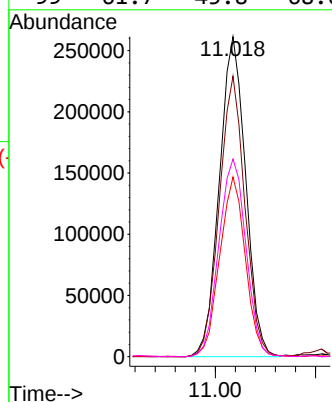
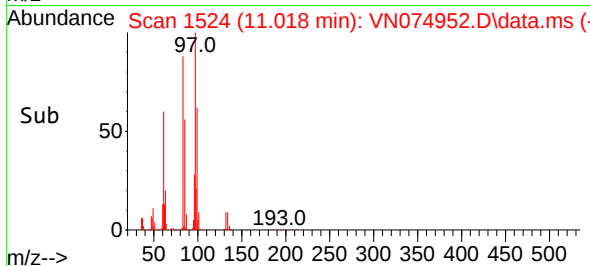
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



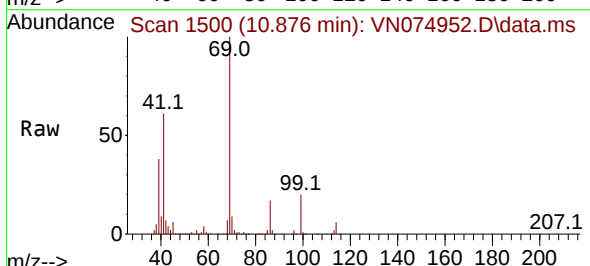
Tgt Ion:	97	Resp:	473504
Ion Ratio	100	Lower	Upper
97	100		
83	87.7	64.2	96.4
85	56.2	43.3	64.9
99	61.7	45.8	68.6

Manual Integrations
APPROVED

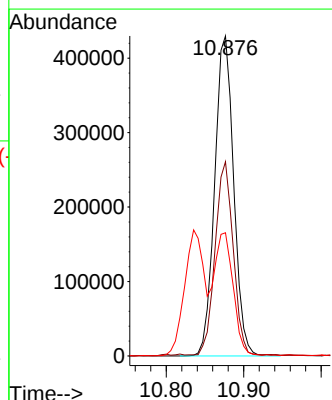
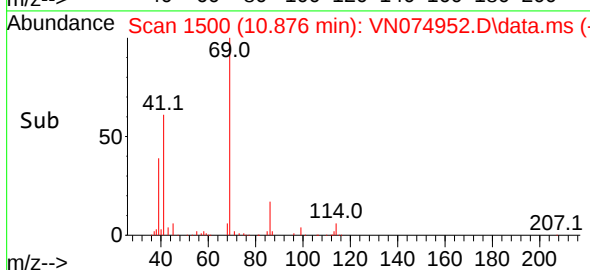
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

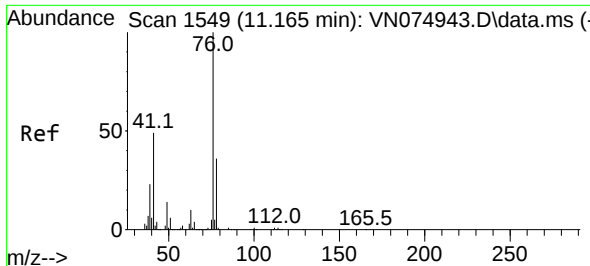


#56
Ethyl methacrylate
Concen: 52.482 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32



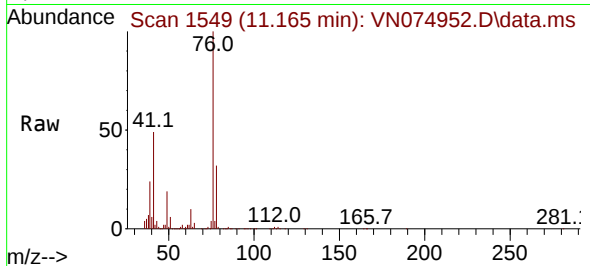
Tgt Ion:	69	Resp:	732116
Ion Ratio	100	Lower	Upper
69	100		
41	57.4	45.1	67.7
39	39.0	32.0	48.0





#57
1,3-Dichloropropane
Concen: 50.588 ug/l
RT: 11.165 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

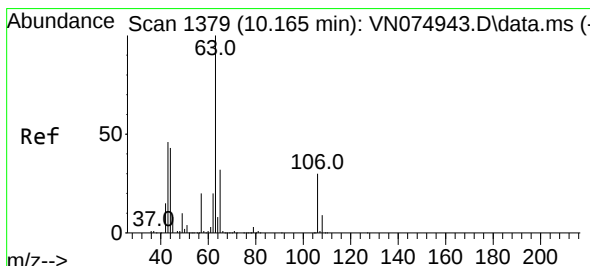
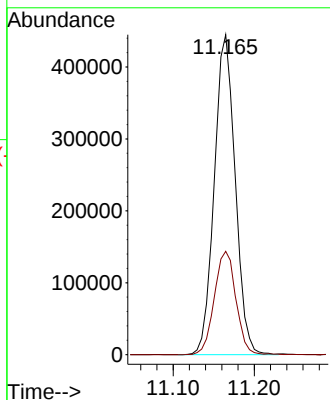
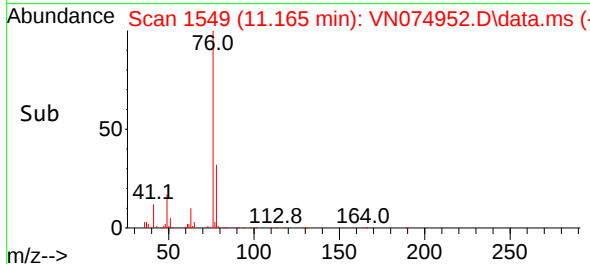
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 795572
Ion Ratio Lower Upper
76 100
78 33.5 26.4 39.6

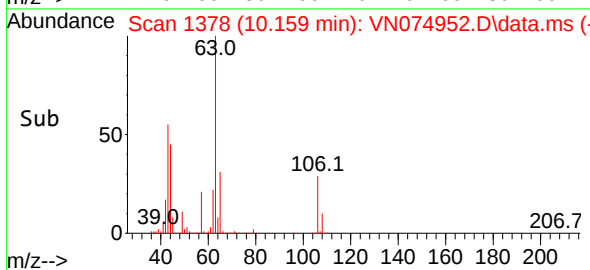
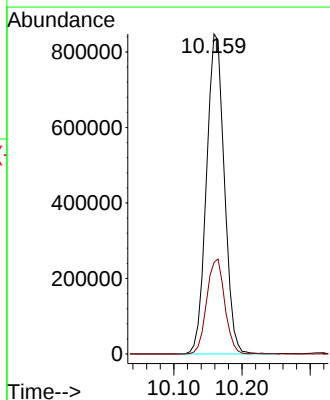
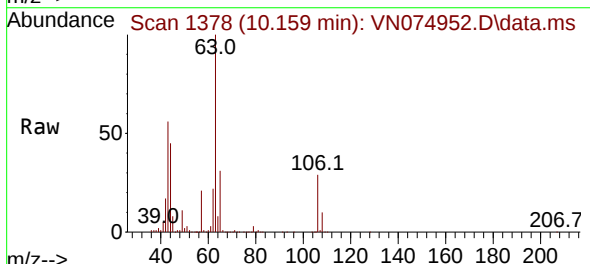
Manual Integrations
APPROVED

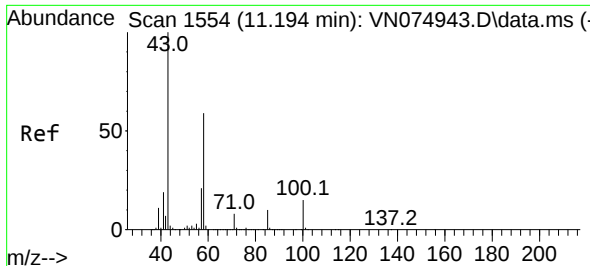
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#58
2-Chloroethyl Vinyl ether
Concen: 246.343 ug/l
RT: 10.159 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

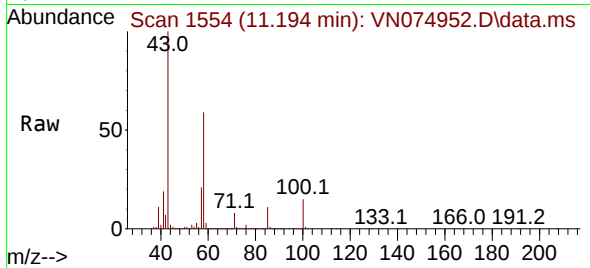
Tgt Ion: 63 Resp: 1545057
Ion Ratio Lower Upper
63 100
106 29.9 24.1 36.1





#59
2-Hexanone
Concen: 241.776 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

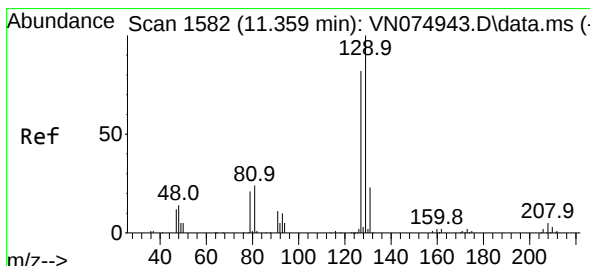
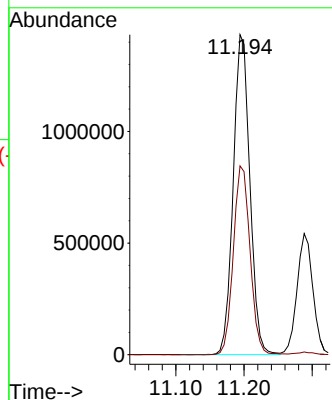
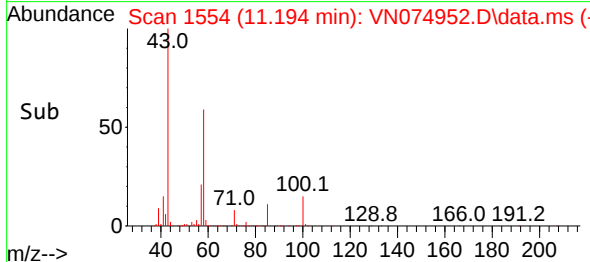
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



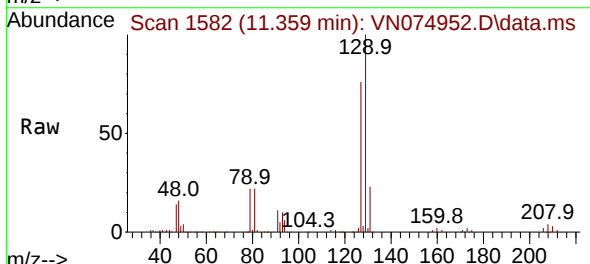
Tgt Ion: 43 Resp: 2434090
Ion Ratio Lower Upper
43 100
58 59.4 29.5 88.5

Manual Integrations
APPROVED

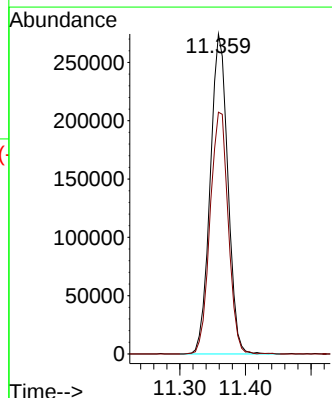
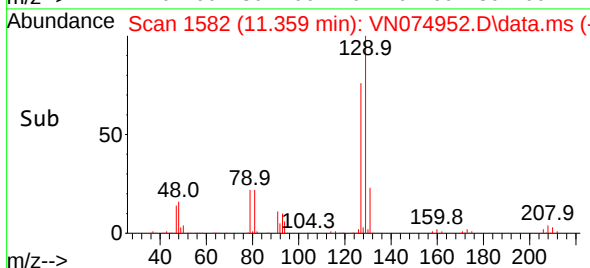
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

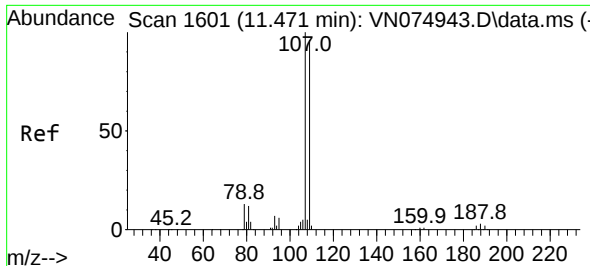


#60
Dibromochloromethane
Concen: 52.629 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32



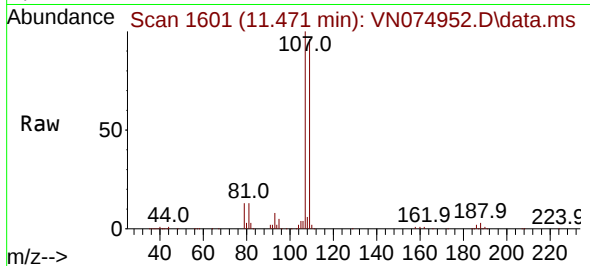
Tgt Ion:129 Resp: 511797
Ion Ratio Lower Upper
129 100
127 77.8 39.0 116.9





#61
1,2-Dibromoethane
Concen: 52.037 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

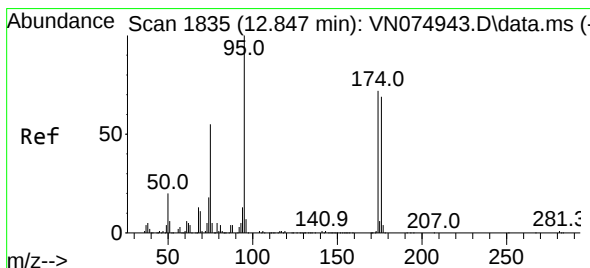
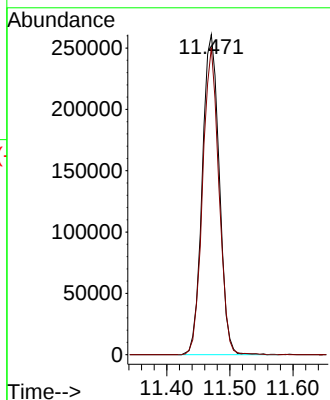
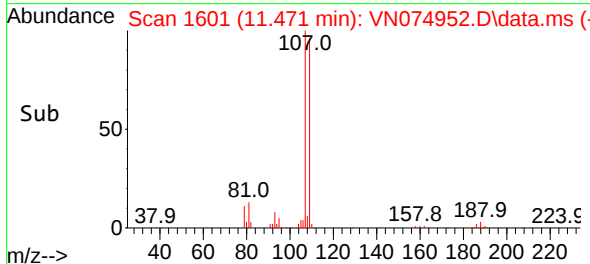
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



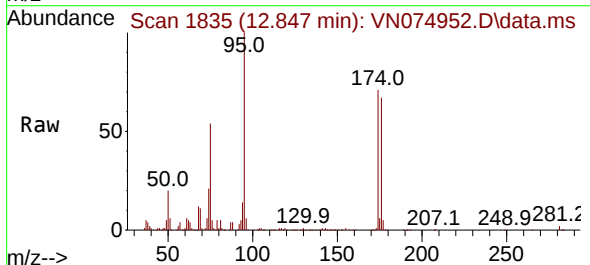
Tgt Ion:107 Resp: 486038
Ion Ratio Lower Upper
107 100
109 92.3 75.5 113.3

Manual Integrations
APPROVED

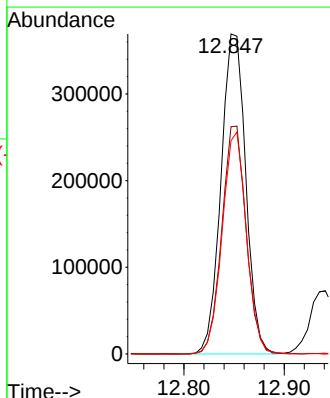
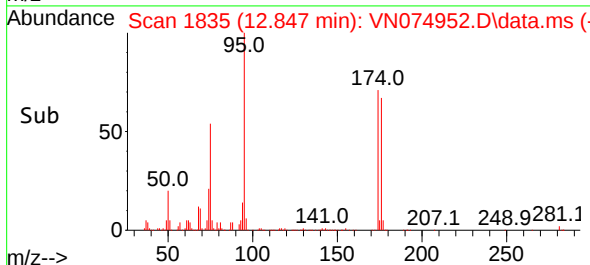
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

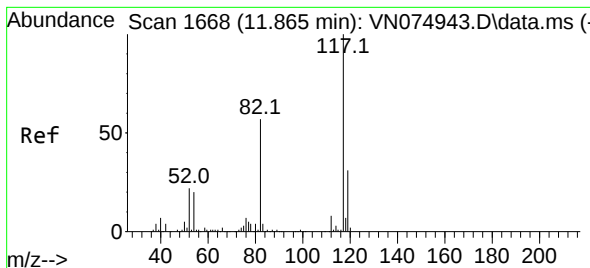


#62
4-Bromofluorobenzene
Concen: 53.682 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32



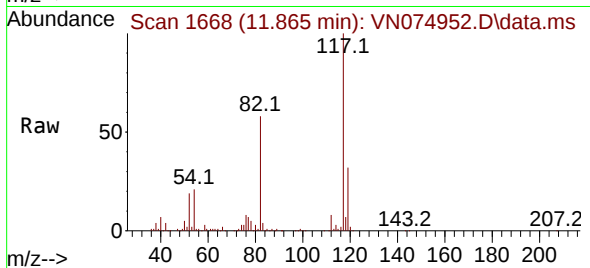
Tgt Ion: 95 Resp: 633018
Ion Ratio Lower Upper
95 100
174 70.2 0.0 143.0
176 68.0 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

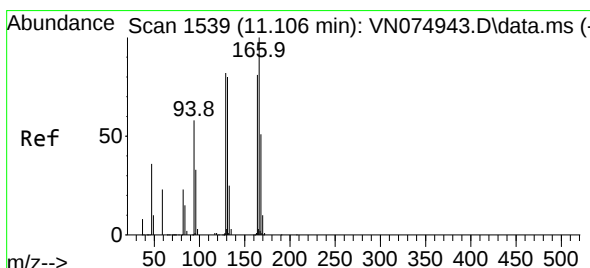
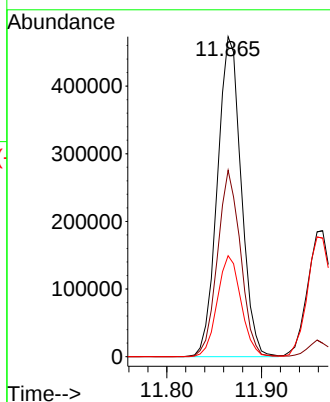
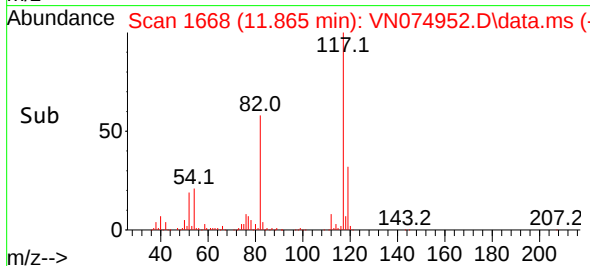
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



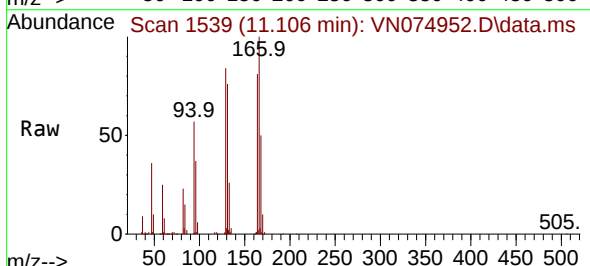
Tgt Ion:117 Resp: 82579
Ion Ratio Lower Upper
117 100
82 58.2 45.6 68.4
119 31.6 25.1 37.7

Manual Integrations
APPROVED

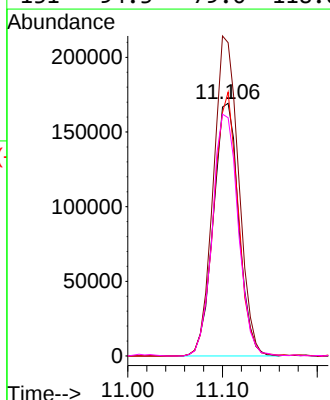
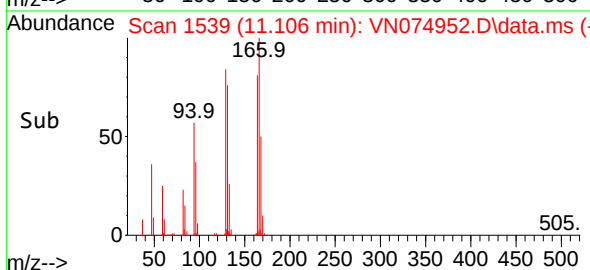
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

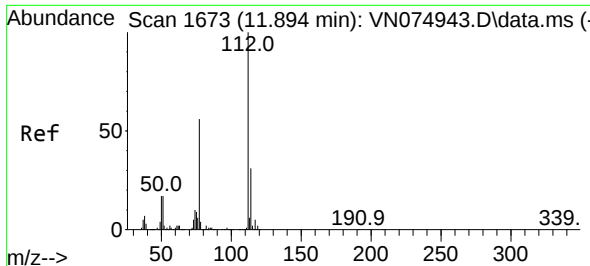


#64
Tetrachloroethene
Concen: 46.579 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32



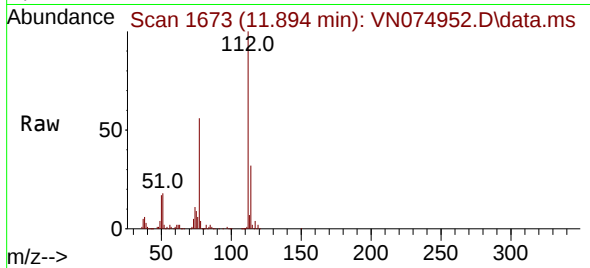
Tgt Ion:164 Resp: 314536
Ion Ratio Lower Upper
164 100
166 123.9 98.6 148.0
129 104.4 81.2 121.8
131 94.3 79.0 118.6





#65
Chlorobenzene
Concen: 48.767 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

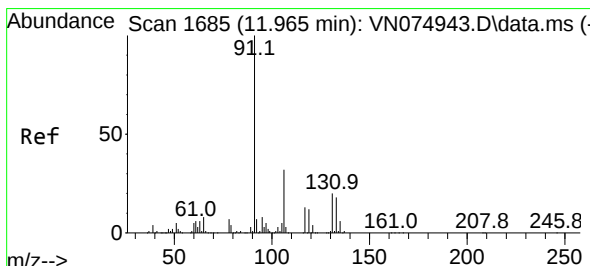
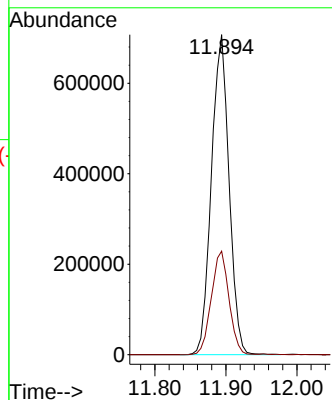
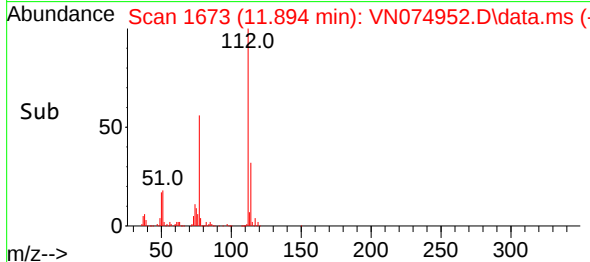
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



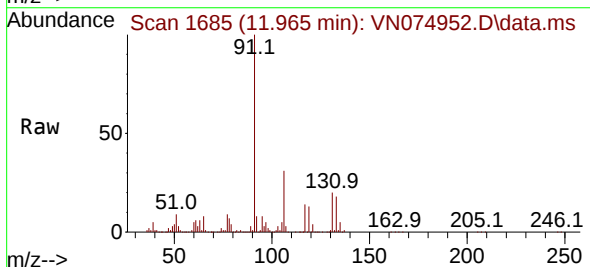
Tgt Ion:112 Resp: 1217659
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.6

Manual Integrations
APPROVED

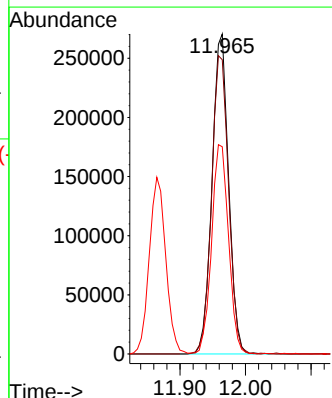
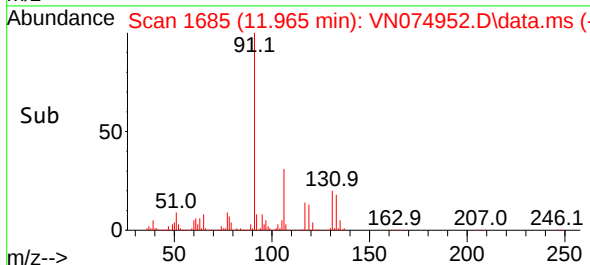
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

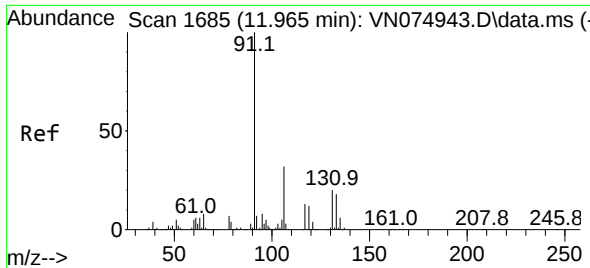


#66
1,1,1,2-Tetrachloroethane
Concen: 50.333 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32



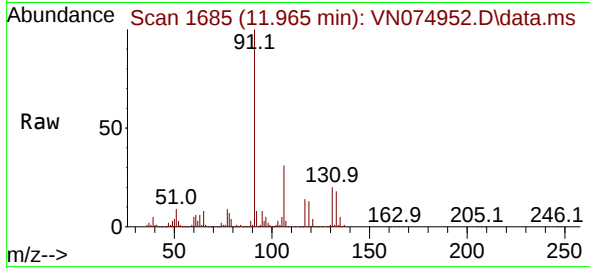
Tgt Ion:131 Resp: 473692
Ion Ratio Lower Upper
131 100
133 95.8 46.6 139.7
119 67.0 32.4 97.0





#67
Ethyl Benzene
Concen: 50.784 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

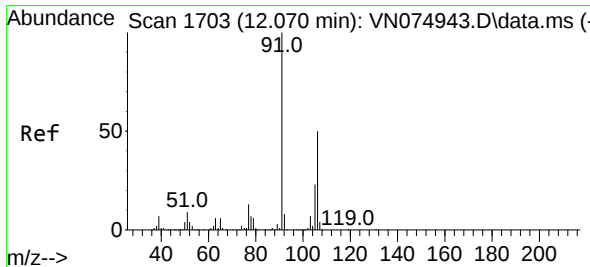
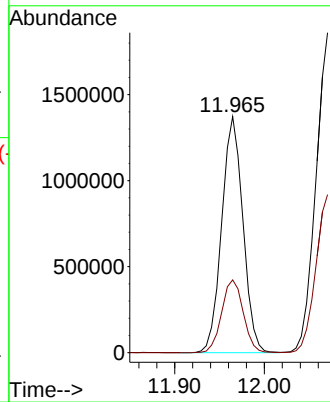
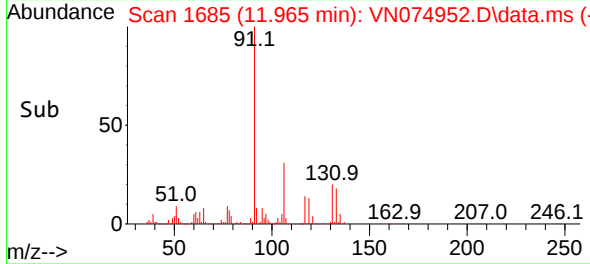
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 225146
Ion Ratio Lower Upper
91 100
106 30.8 25.4 38.2

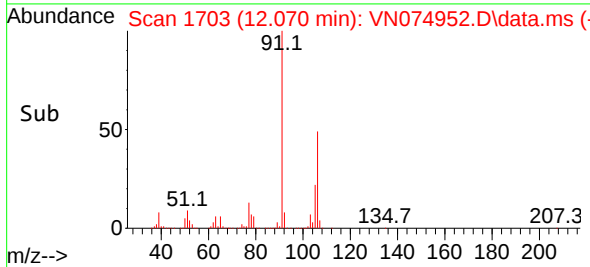
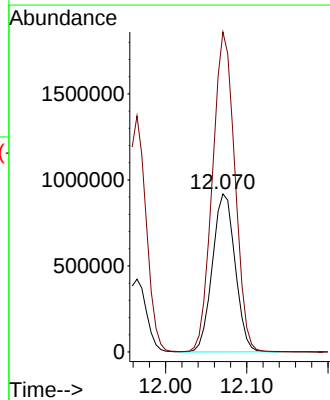
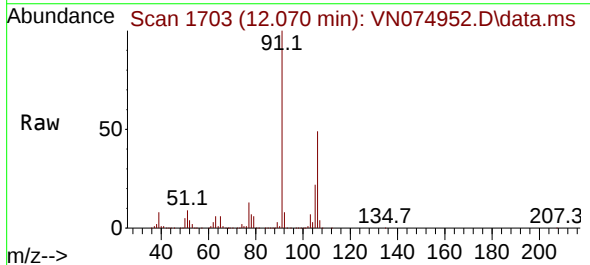
Manual Integrations
APPROVED

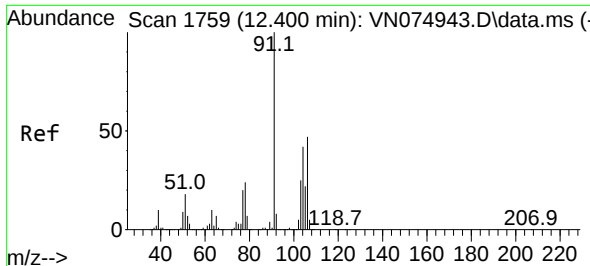
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#68
m/p-Xylenes
Concen: 103.446 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

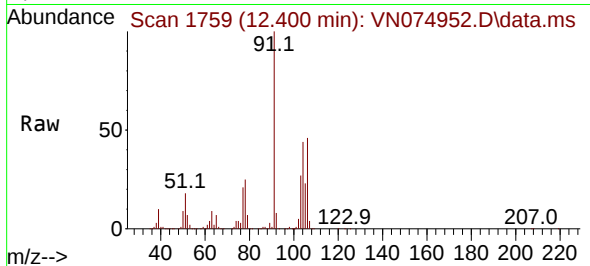
Tgt Ion:106 Resp: 1788195
Ion Ratio Lower Upper
106 100
91 199.8 159.7 239.5





#69
o-Xylene
Concen: 51.754 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

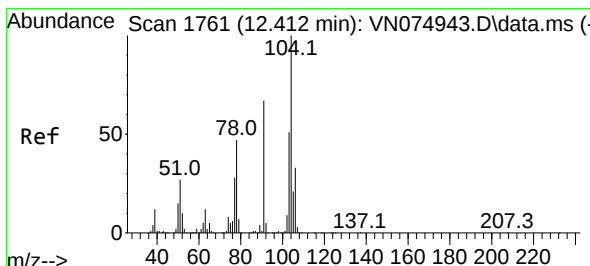
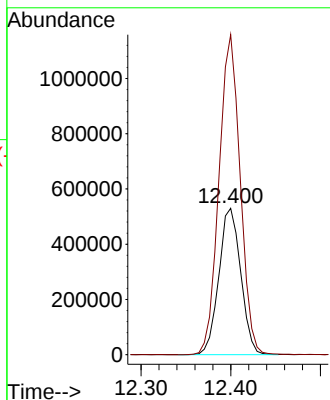
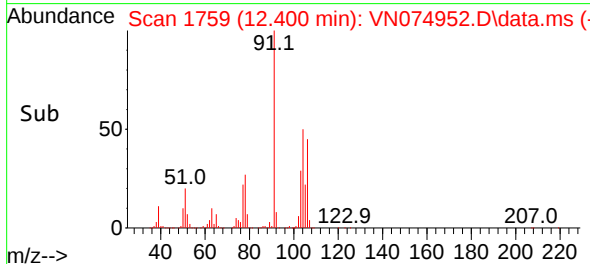
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 896192
Ion Ratio Lower Upper
106 100
91 212.6 103.6 310.7

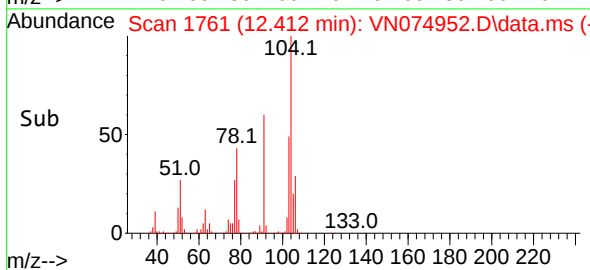
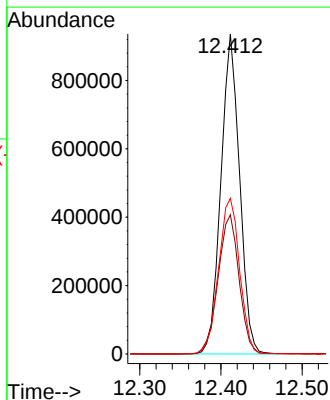
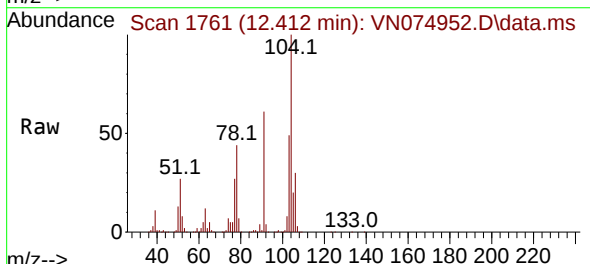
Manual Integrations
APPROVED

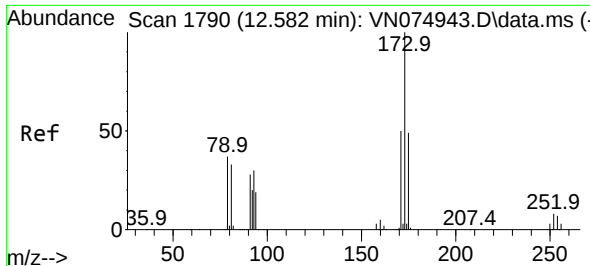
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#70
Styrene
Concen: 54.672 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

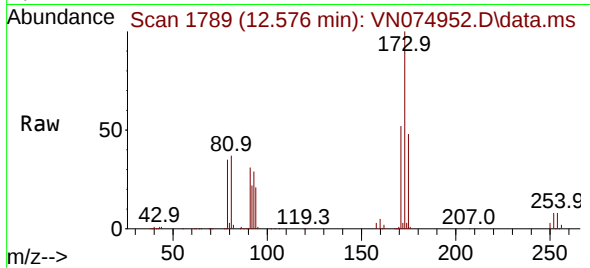
Tgt Ion:104 Resp: 1500536
Ion Ratio Lower Upper
104 100
78 48.8 39.4 59.2
103 54.7 43.0 64.4





#71
Bromoform
Concen: 50.695 ug/l
RT: 12.576 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

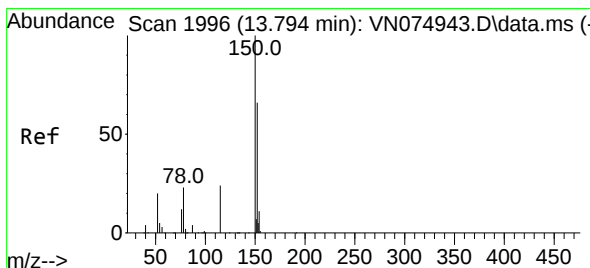
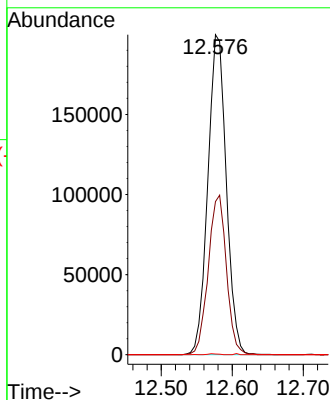
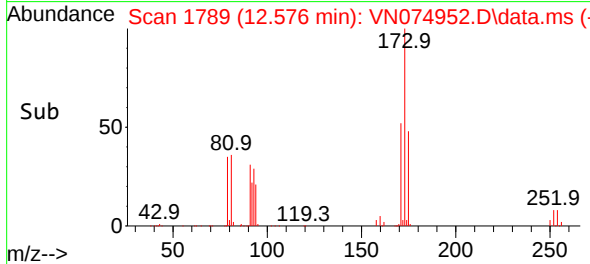
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 360074
Ion Ratio Lower Upper
173 100
175 49.1 24.8 74.3
254 0.1 0.1 0.1

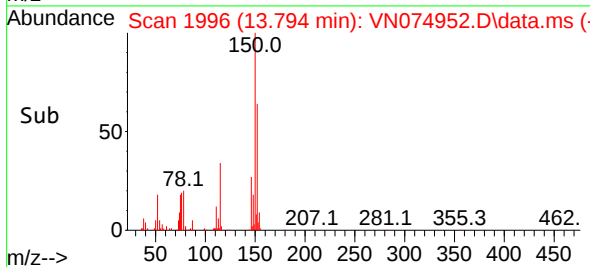
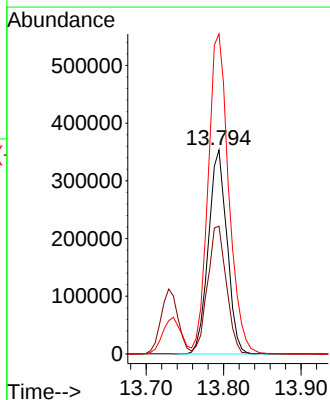
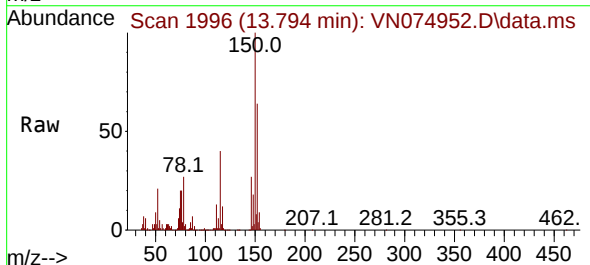
Manual Integrations
APPROVED

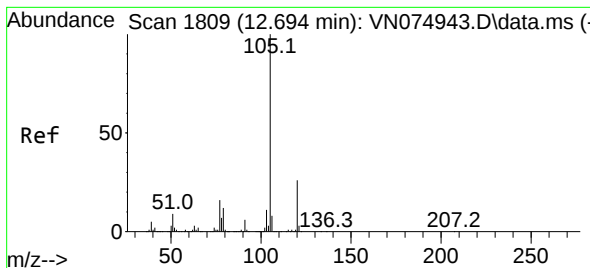
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

Tgt Ion:152 Resp: 589185
Ion Ratio Lower Upper
152 100
115 63.3 31.3 93.8
150 173.7 0.0 349.6





#73

Isopropylbenzene

Concen: 48.754 ug/l

RT: 12.694 min Scan# 1809

Delta R.T. 0.000 min

Lab File: VN074952.D

Acq: 21 Oct 2022 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 234628

Ion Ratio Lower Upper

105 100

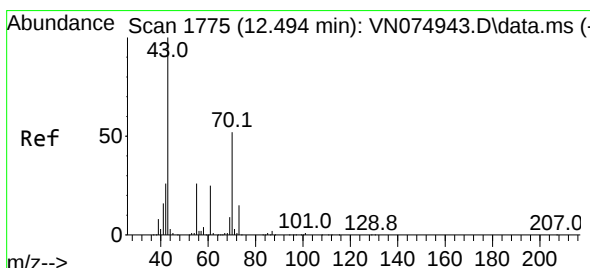
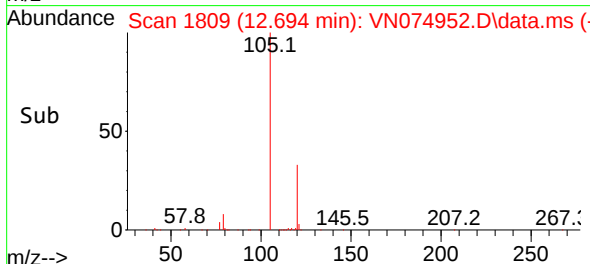
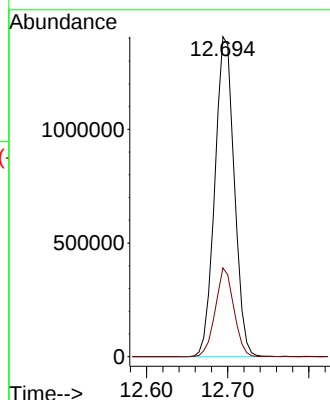
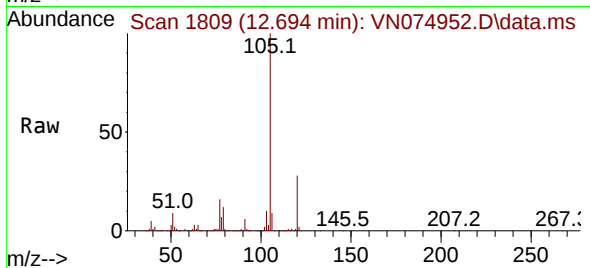
120 26.4 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#74

N-ethyl acetate

Concen: 47.395 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN074952.D

Acq: 21 Oct 2022 10:32

Tgt Ion: 43 Resp: 916458

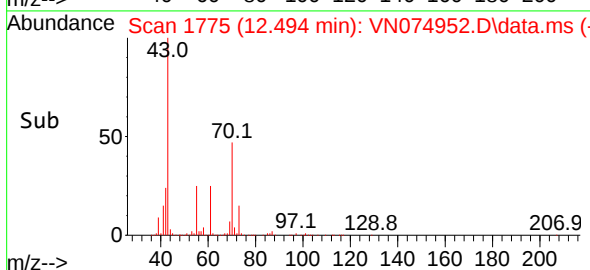
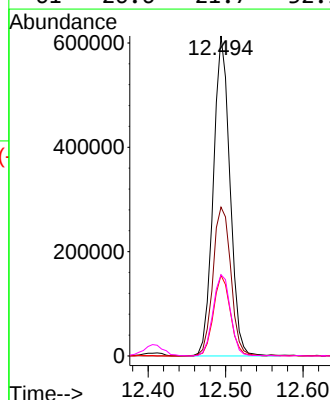
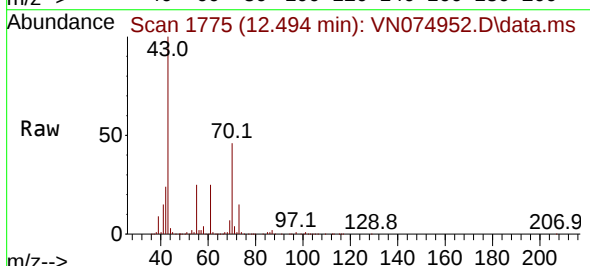
Ion Ratio Lower Upper

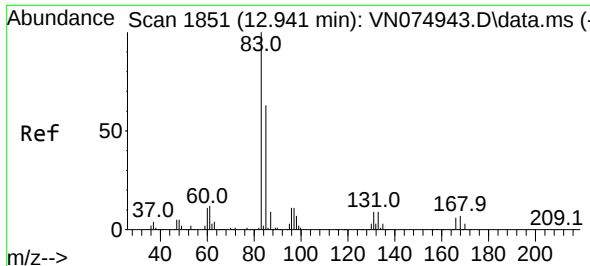
43 100

70 49.9 40.2 60.2

55 25.6 20.6 31.0

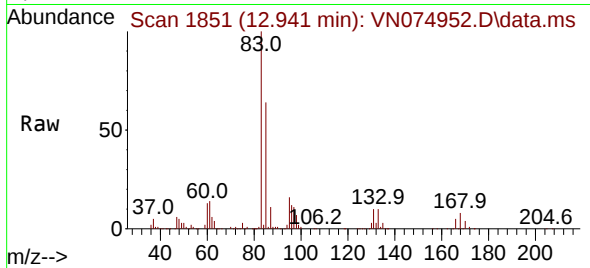
61 26.6 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 44.170 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

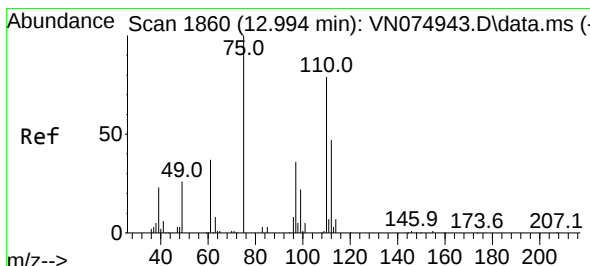
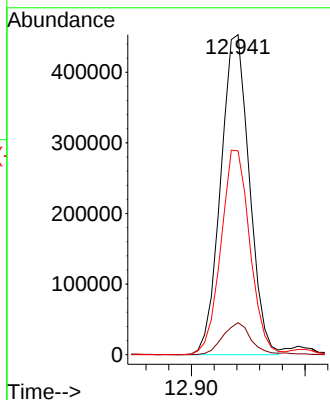
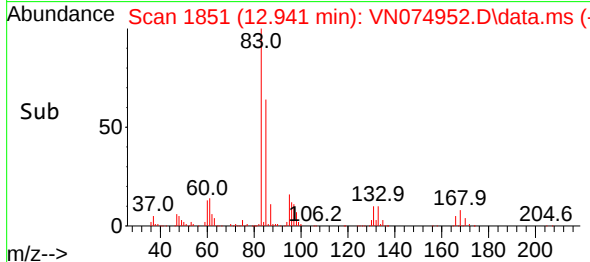
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



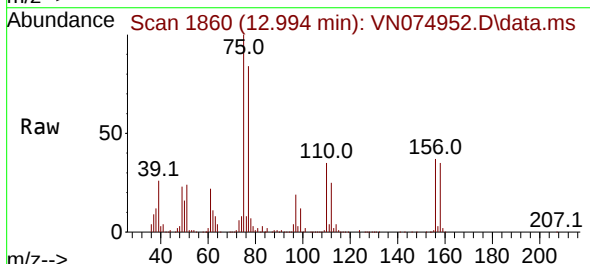
Tgt Ion: 83 Resp: 793852
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.3
85 64.7 32.6 97.7

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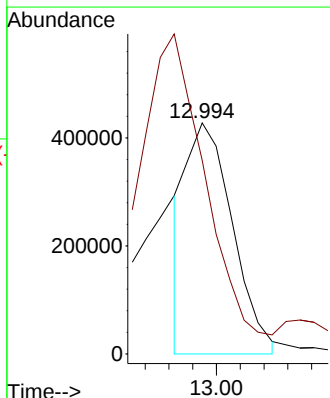
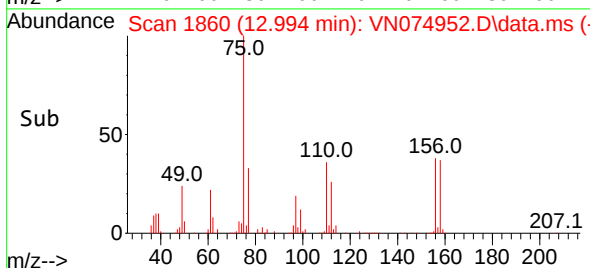
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

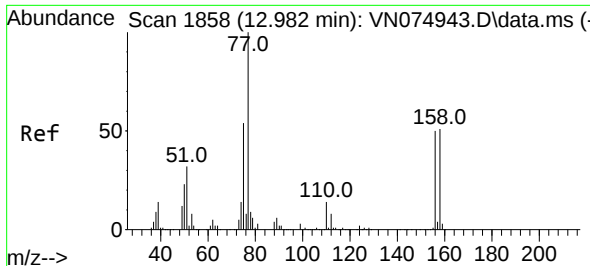


#76
1,2,3-Trichloropropane
Concen: 36.518 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32



Tgt Ion: 75 Resp: 583493
Ion Ratio Lower Upper
75 100
77 202.1 81.0 243.0





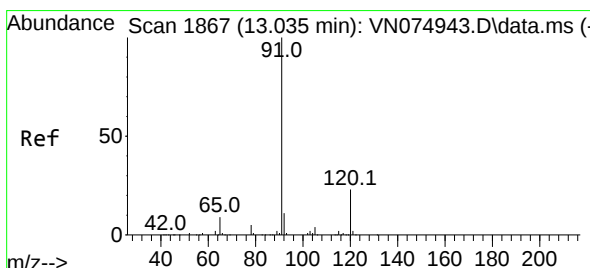
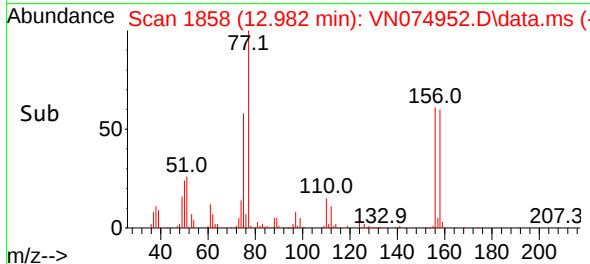
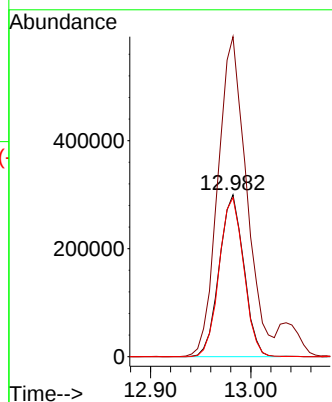
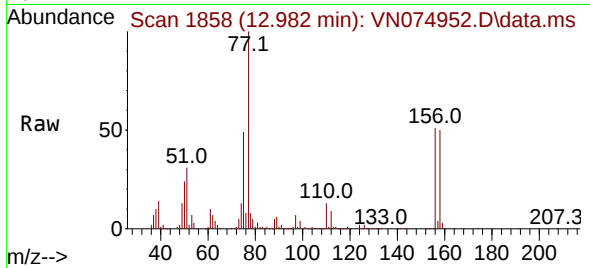
#77
Bromobenzene
Concen: 46.240 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 510308
Ion Ratio Lower Upper
156 100
77 231.1 117.1 351.3
158 98.1 48.3 144.9

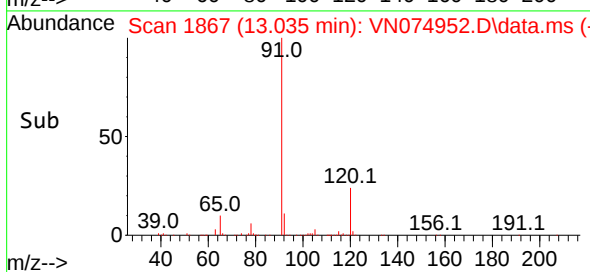
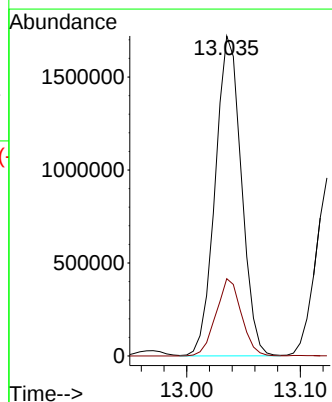
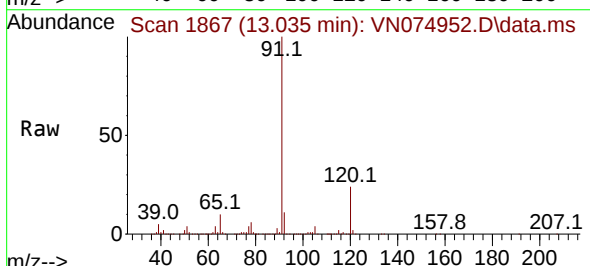
Manual Integrations
APPROVED

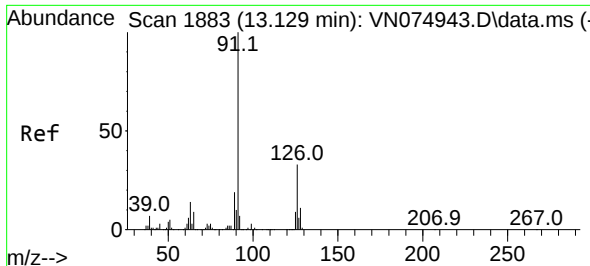
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#78
n-propylbenzene
Concen: 48.941 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

Tgt Ion: 91 Resp: 2756508
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 47.732 ug/l

RT: 13.123 min Scan# 1883

Delta R.T. -0.006 min

Lab File: VN074952.D

Acq: 21 Oct 2022 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1665359

Ion Ratio Lower Upper

91 100

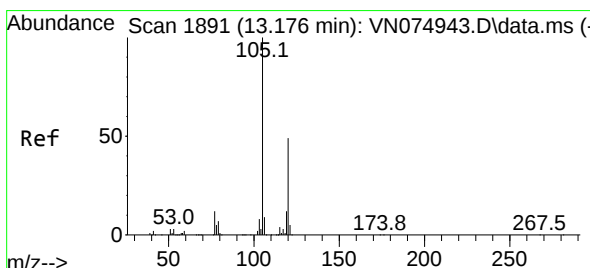
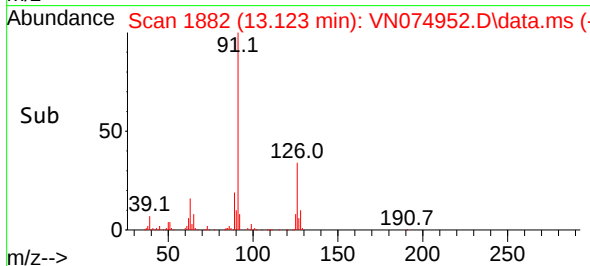
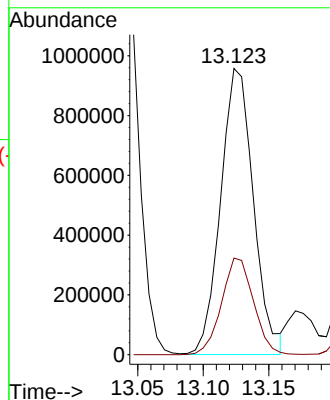
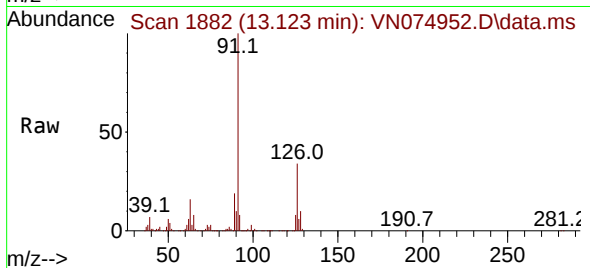
126 32.9 17.0 51.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#80

1,3,5-Trimethylbenzene

Concen: 48.924 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. -0.000 min

Lab File: VN074952.D

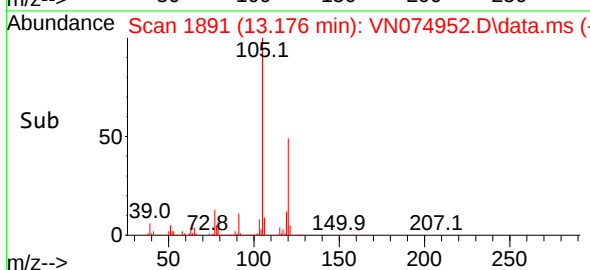
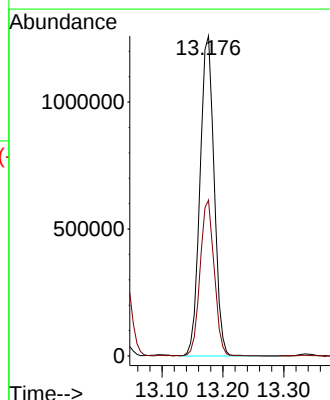
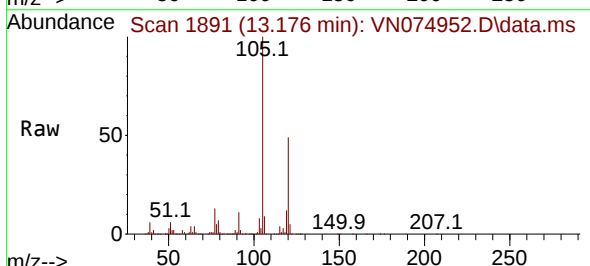
Acq: 21 Oct 2022 10:32

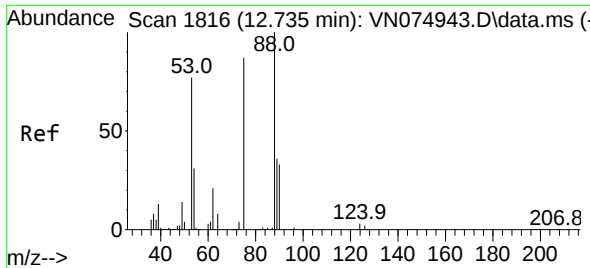
Tgt Ion:105 Resp: 2033742

Ion Ratio Lower Upper

105 100

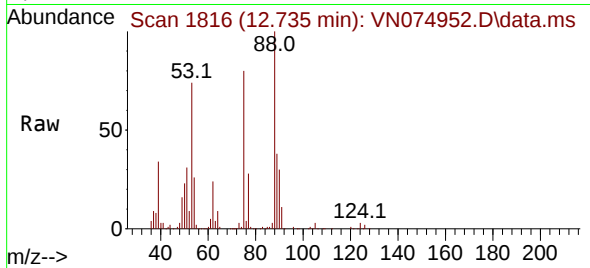
120 48.6 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 55.964 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

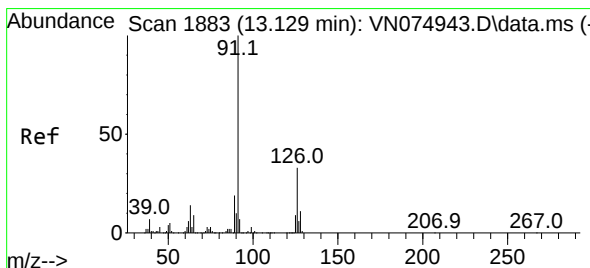
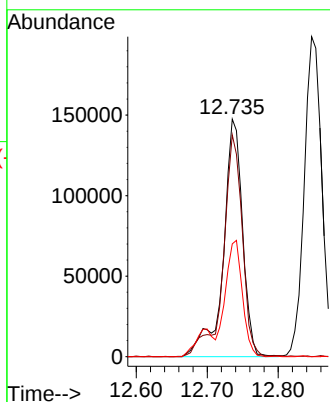
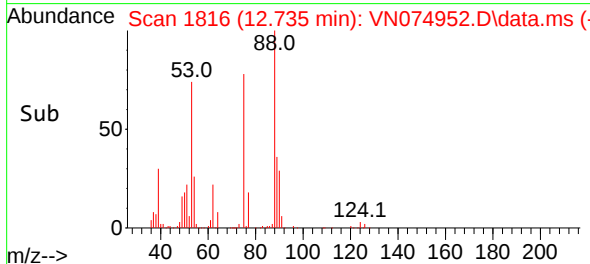
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 278897
Ion Ratio Lower Upper
75 100
53 92.1 79.2 118.8
89 42.7 37.9 56.9

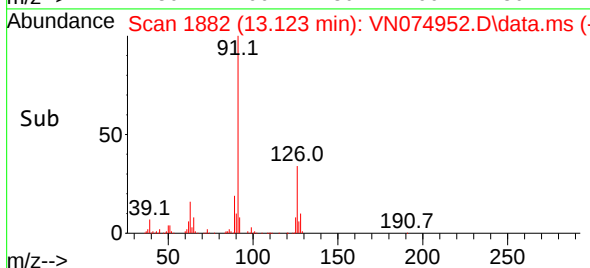
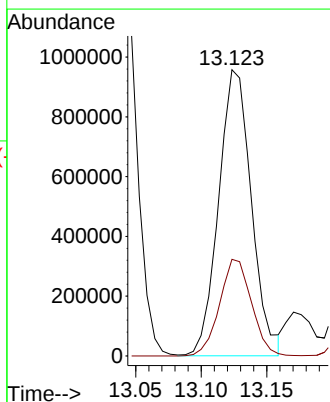
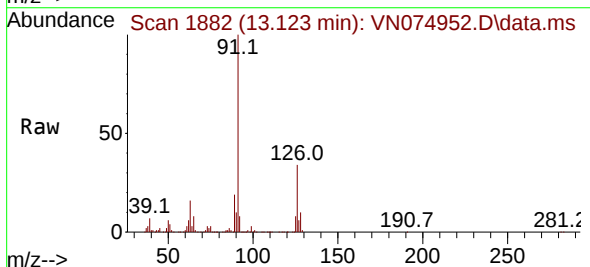
Manual Integrations
APPROVED

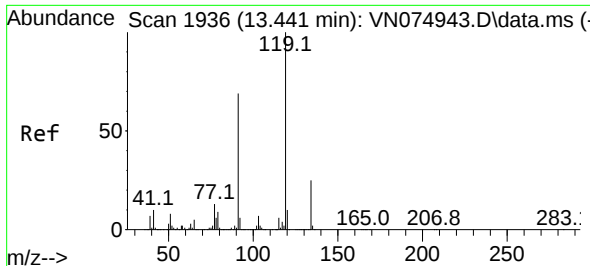
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#82
4-Chlorotoluene
Concen: 47.732 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

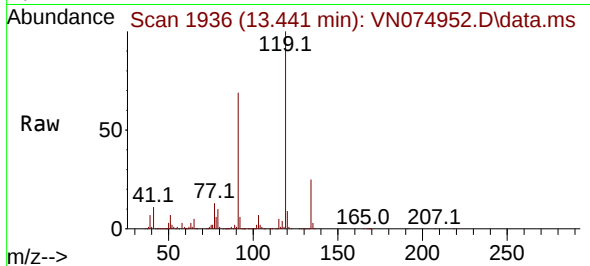
Tgt Ion: 91 Resp: 1665359
Ion Ratio Lower Upper
91 100
126 32.9 17.0 51.0





#83
tert-Butylbenzene
Concen: 49.235 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

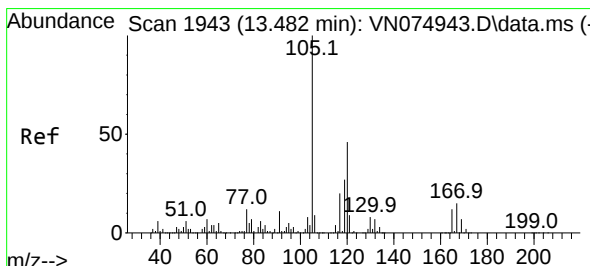
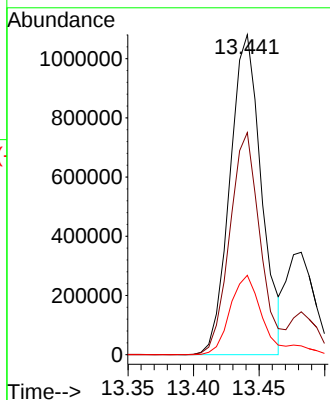
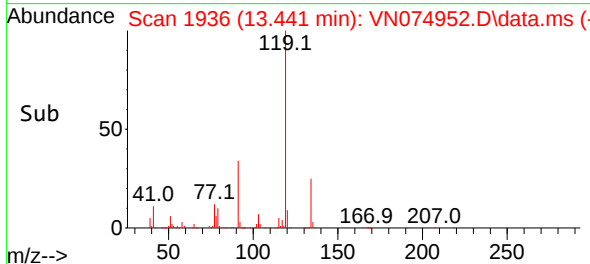
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



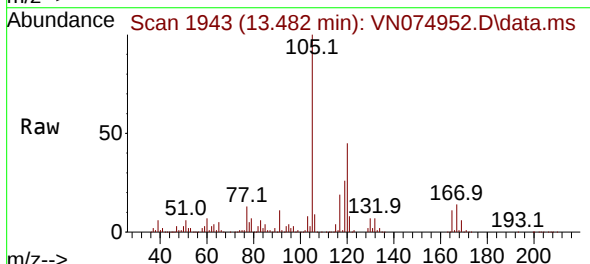
Tgt Ion:119 Resp: 181120
Ion Ratio Lower Upper
119 100
91 68.0 33.1 99.3
134 26.5 12.4 37.0

Manual Integrations
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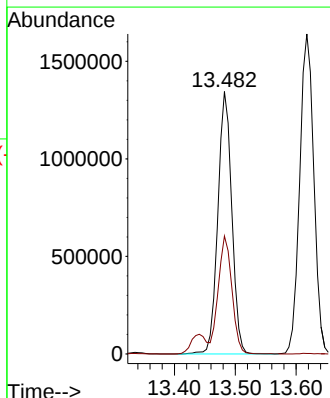
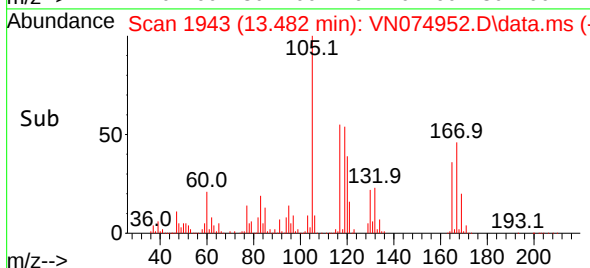
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

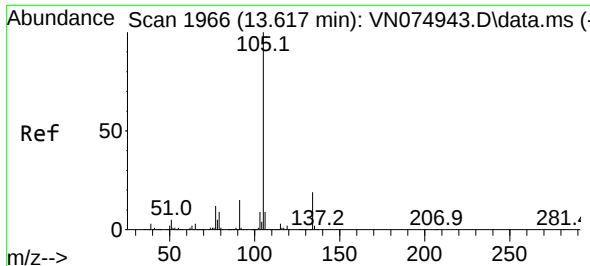


#84
1,2,4-Trimethylbenzene
Concen: 50.828 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32



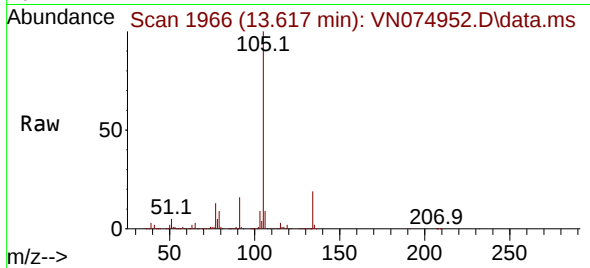
Tgt Ion:105 Resp: 2134089
Ion Ratio Lower Upper
105 100
120 43.7 22.9 68.5





#85
 sec-Butylbenzene
 Concen: 51.124 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN074952.D
 Acq: 21 Oct 2022 10:32

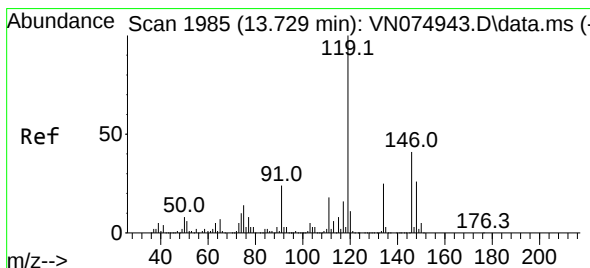
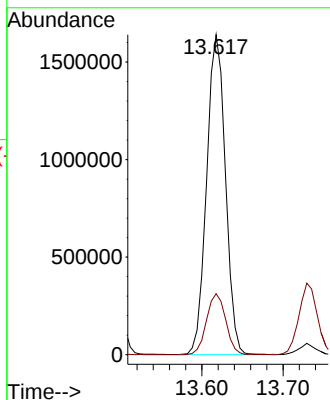
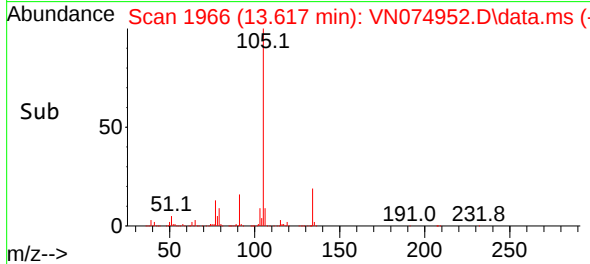
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



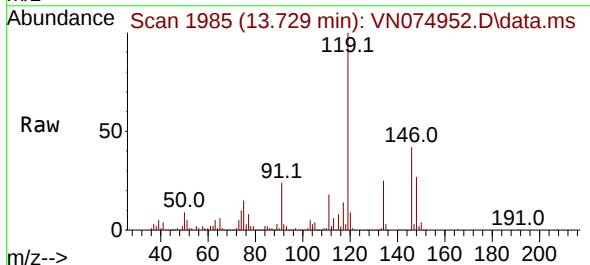
Tgt Ion:105 Resp: 2640600
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1

Manual Integrations
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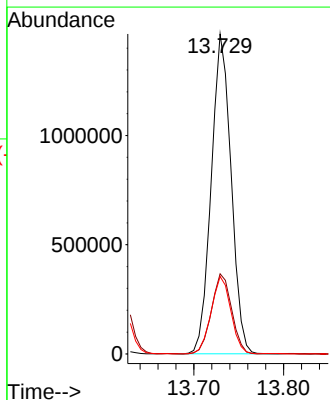
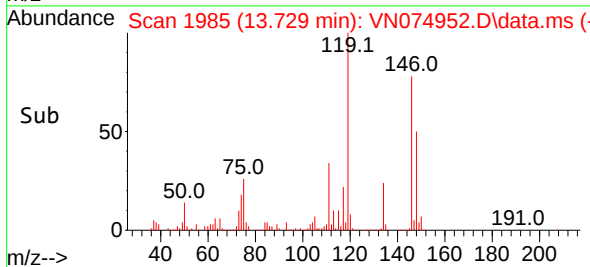
Reviewed By :John Carlone 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

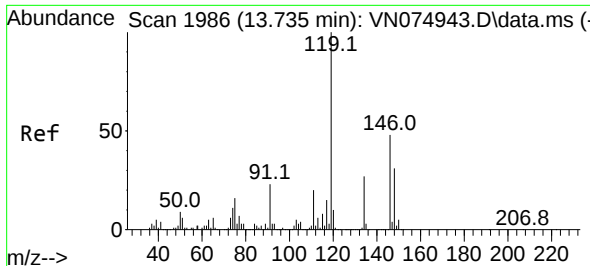


#86
 p-Isopropyltoluene
 Concen: 52.768 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN074952.D
 Acq: 21 Oct 2022 10:32



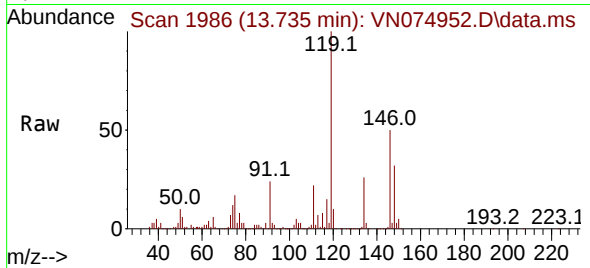
Tgt Ion:119 Resp: 2244700
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.7
 91 24.1 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 51.027 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

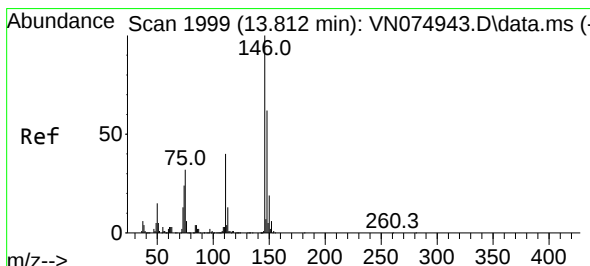
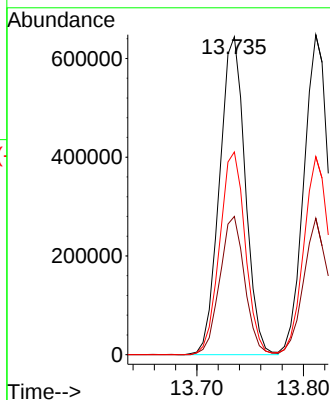
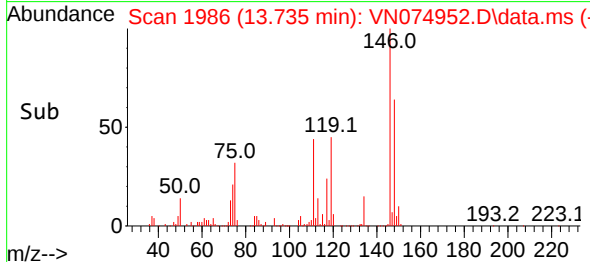
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



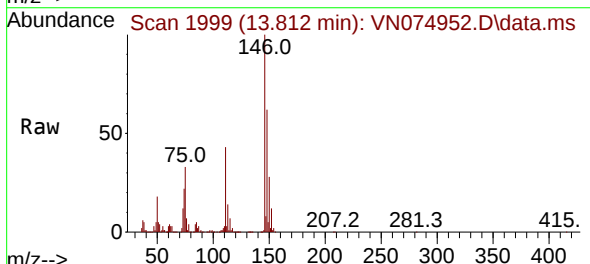
Tgt Ion:146 Resp: 1077410
Ion Ratio Lower Upper
146 100
111 42.3 21.5 64.5
148 63.5 31.7 95.1

Manual Integrations
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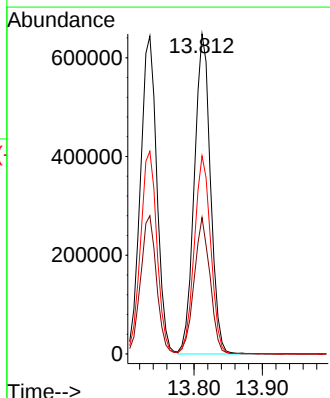
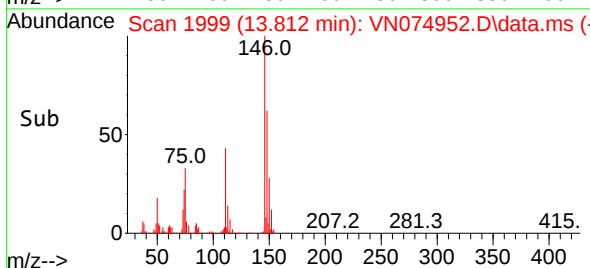
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

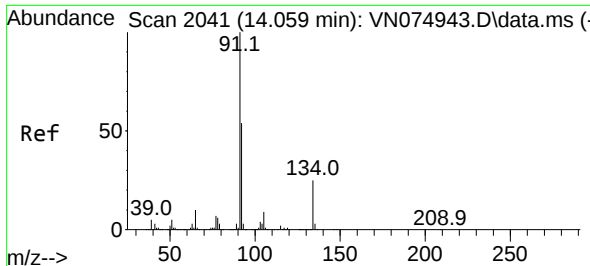


#88
1,4-Dichlorobenzene
Concen: 49.557 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32



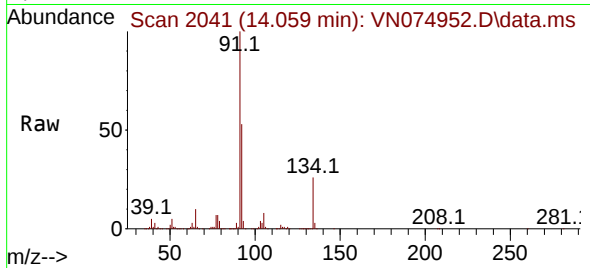
Tgt Ion:146 Resp: 1060867
Ion Ratio Lower Upper
146 100
111 41.5 20.3 61.0
148 62.8 32.3 96.9





#89
n-Butylbenzene
Concen: 52.803 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

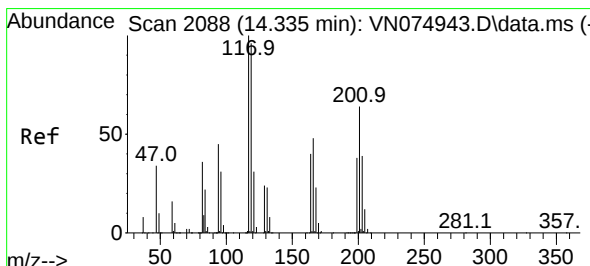
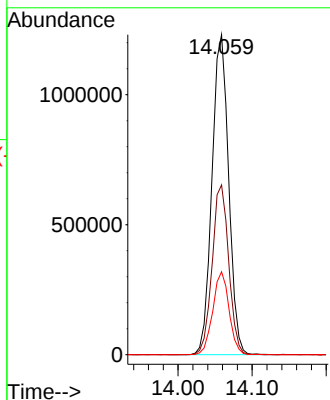
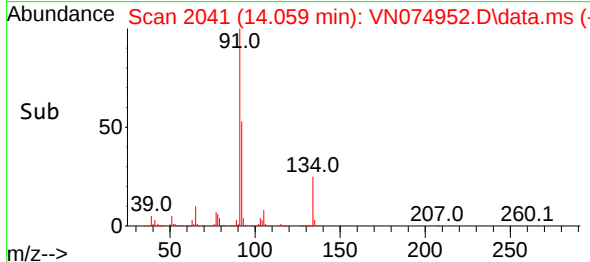
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 1918100
Ion Ratio Lower Upper
91 100
92 52.9 26.3 78.9
134 25.4 12.6 37.6

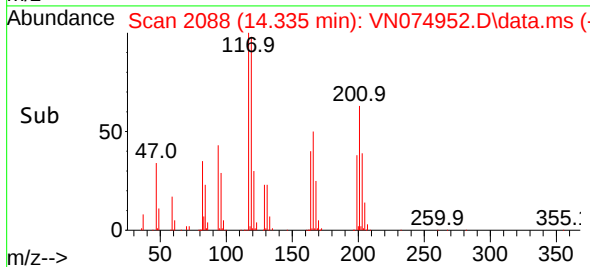
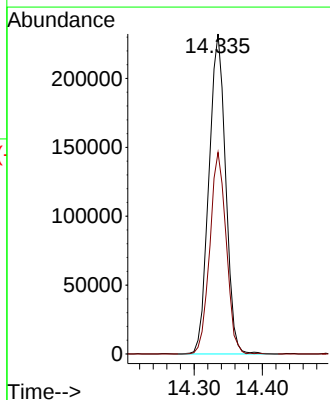
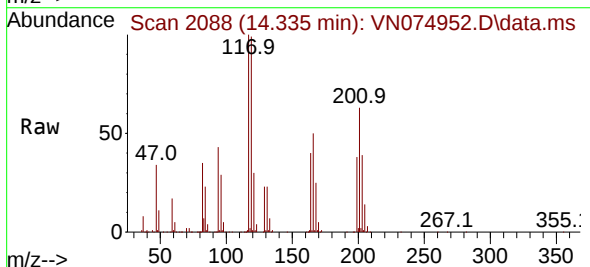
Manual Integrations
APPROVED

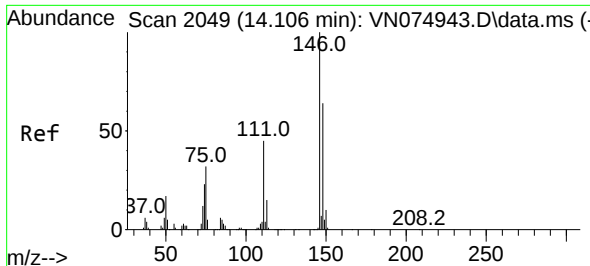
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#90
Hexachloroethane
Concen: 48.126 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

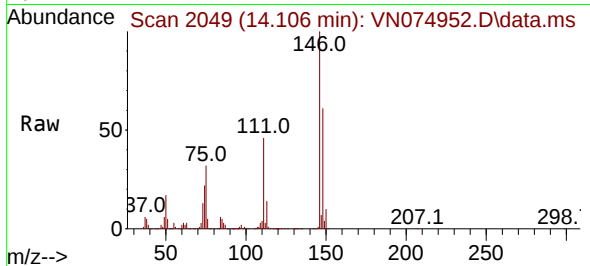
Tgt Ion:117 Resp: 396647
Ion Ratio Lower Upper
117 100
201 61.8 30.6 91.6





#91
1,2-Dichlorobenzene
Concen: 48.273 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

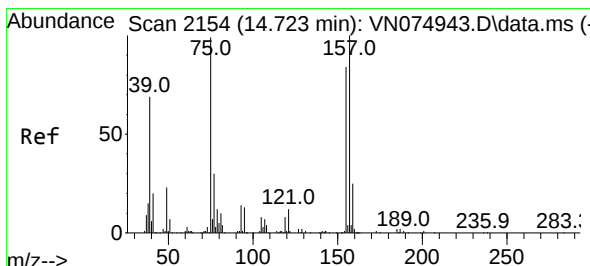
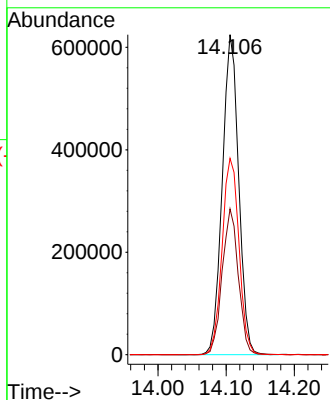
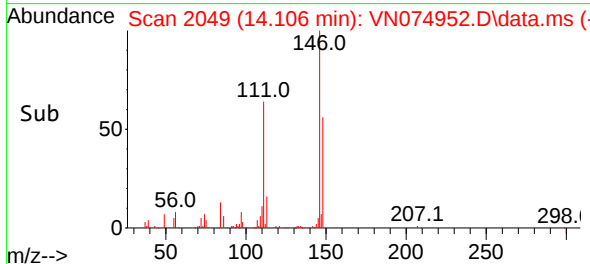
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



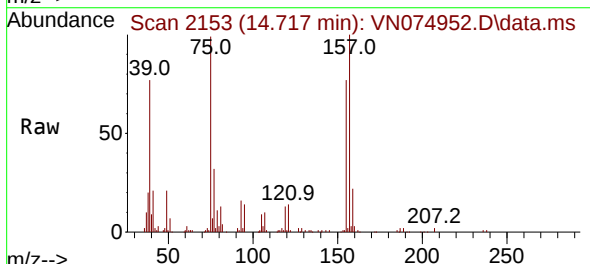
Tgt Ion:146 Resp: 104475
Ion Ratio Lower Upper
146 100
111 45.0 22.2 66.6
148 63.2 31.9 95.5

Manual Integrations
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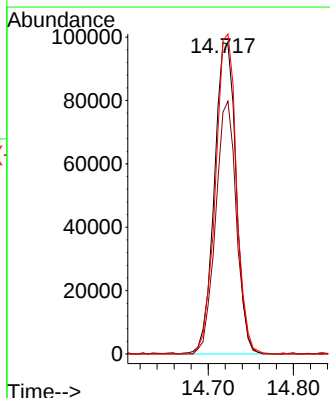
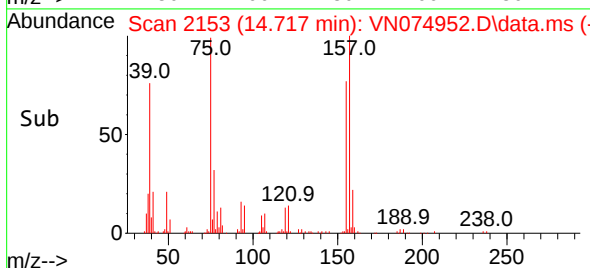
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

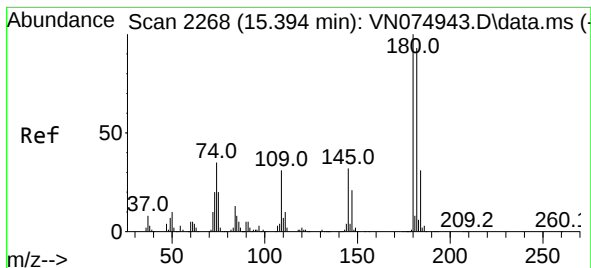


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.629 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32



Tgt Ion: 75 Resp: 174129
Ion Ratio Lower Upper
75 100
155 77.9 39.6 118.8
157 99.5 47.8 143.4





#93

1,2,4-Trichlorobenzene

Concen: 53.534 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN074952.D

Acq: 21 Oct 2022 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 50421

Ion Ratio Lower Upper

180 100

182 96.5 46.6 139.7

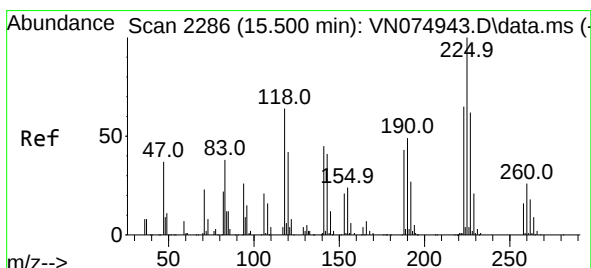
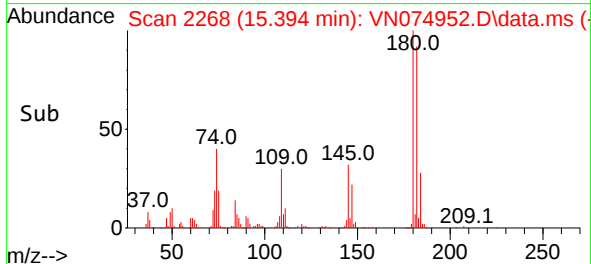
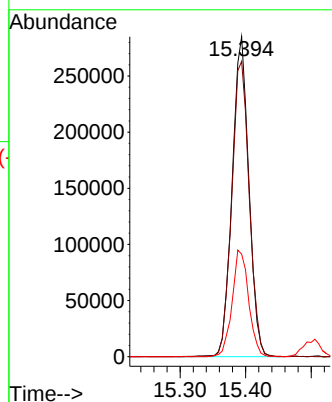
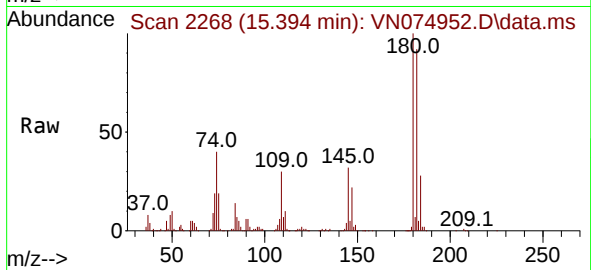
145 33.0 16.7 50.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#94

Hexachlorobutadiene

Concen: 48.315 ug/l

RT: 15.500 min Scan# 2286

Delta R.T. 0.000 min

Lab File: VN074952.D

Acq: 21 Oct 2022 10:32

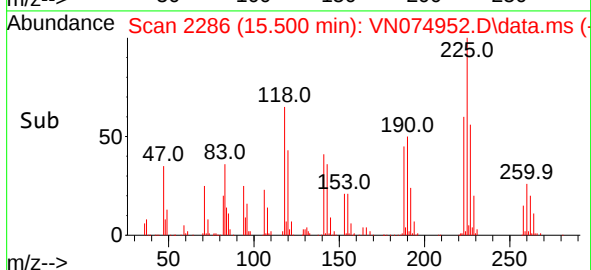
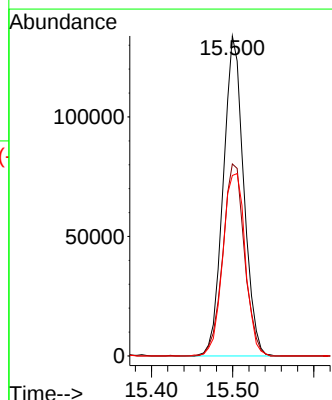
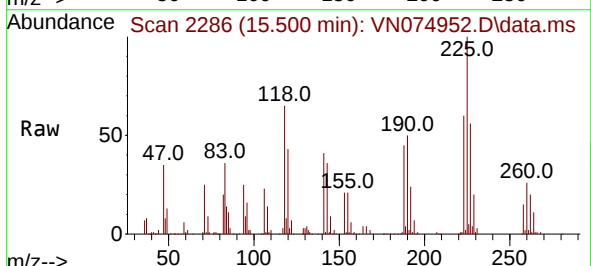
Tgt Ion:225 Resp: 234933

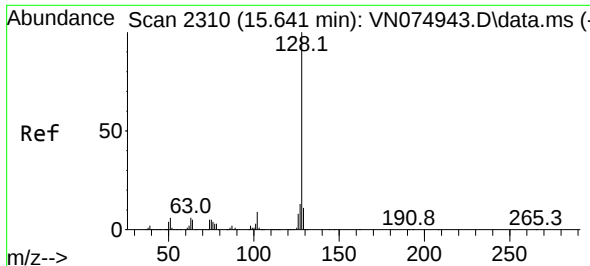
Ion Ratio Lower Upper

225 100

223 63.6 31.9 95.5

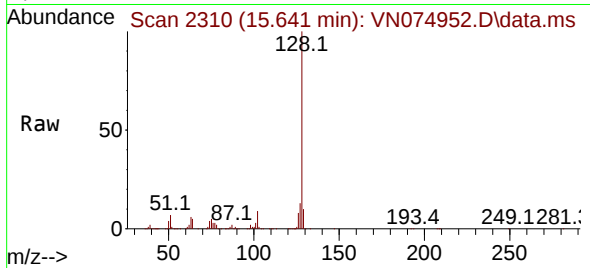
227 62.5 31.4 94.0





#95
Naphthalene
Concen: 54.830 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

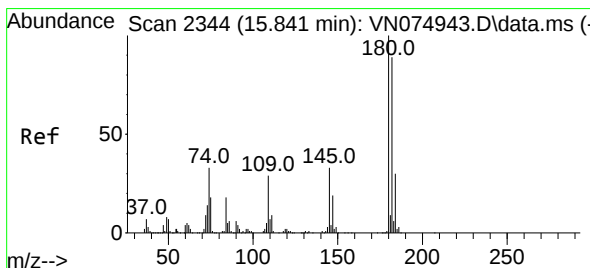
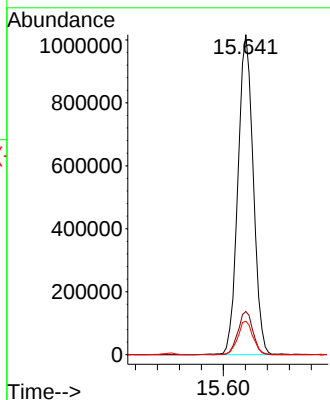
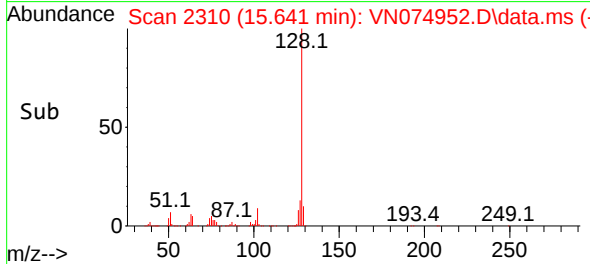
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 1962670
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.4 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#96
1,2,3-Trichlorobenzene
Concen: 53.326 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN074952.D
Acq: 21 Oct 2022 10:32

Tgt Ion:180 Resp: 505479
Ion Ratio Lower Upper
180 100
182 93.5 46.7 140.1
145 35.5 17.2 51.5

