

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061623\
 Data File : VN078268.D
 Acq On : 16 Jun 2023 18:29
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 17 02:27:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/19/2023
 Supervised By : Mahesh Dadoda 06/19/2023

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	401264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	729330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	641126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	259313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	279356	52.215	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.440%			
35) Dibromofluoromethane	8.171	113	231851	50.277	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.560%			
50) Toluene-d8	10.577	98	875498	49.247	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.500%			
62) 4-Bromofluorobenzene	12.853	95	279320	50.541	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.080%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	174132	38.390	ug/l	93
3) Chloromethane	2.371	50	192737	44.984	ug/l	97
4) Vinyl Chloride	2.518	62	259099	43.623	ug/l	98
5) Bromomethane	2.954	94	186790	41.613	ug/l	94
6) Chloroethane	3.118	64	191887	47.392	ug/l	92
7) Trichlorofluoromethane	3.501	101	346276	42.992	ug/l	96
8) Diethyl Ether	3.971	74	120943	42.735	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.377	101	196861	46.312	ug/l	99
10) Methyl Iodide	4.595	142	266207	44.284	ug/l	98
11) Tert butyl alcohol	5.536	59	168031	227.458	ug/l	99
12) 1,1-Dichloroethene	4.353	96	184544	42.116	ug/l	87
13) Acrolein	4.195	56	221055	271.506	ug/l	95
14) Allyl chloride	5.036	41	241799	45.206	ug/l	92
15) Acrylonitrile	5.730	53	480292	252.178	ug/l	98
16) Acetone	4.442	43	383061	248.749	ug/l	95
17) Carbon Disulfide	4.718	76	435872	38.646	ug/l	99
18) Methyl Acetate	5.036	43	349871	49.348	ug/l	90
19) Methyl tert-butyl Ether	5.812	73	659542	47.176	ug/l	97
20) Methylene Chloride	5.289	84	228965	44.994	ug/l	90
21) trans-1,2-Dichloroethene	5.795	96	206023	43.593	ug/l	84
22) Diisopropyl ether	6.683	45	638032	50.711	ug/l #	94
23) Vinyl Acetate	6.618	43	1878798	251.204	ug/l #	90
24) 1,1-Dichloroethane	6.583	63	398158	47.971	ug/l	97
25) 2-Butanone	7.494	43	607695	256.616	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	323751	52.828	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	248719	44.120	ug/l	91
28) Bromochloromethane	7.824	49	199770	52.422	ug/l	88
29) Tetrahydrofuran	7.847	42	394027	248.897	ug/l	86
30) Chloroform	7.977	83	440021	49.233	ug/l	96
31) Cyclohexane	8.265	56	298000	43.422	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	380334	48.472	ug/l	94
36) 1,1-Dichloropropene	8.383	75	310230	46.901	ug/l	97
37) Ethyl Acetate	7.571	43	263563	51.006	ug/l #	94
38) Carbon Tetrachloride	8.371	117	335157	47.987	ug/l	99
39) Methylcyclohexane	9.606	83	274227	40.004	ug/l	92
40) Benzene	8.612	78	931148	47.153	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	137754	49.183	ug/l	90
42) 1,2-Dichloroethane	8.677	62	333744	49.292	ug/l	97
43) Isopropyl Acetate	8.694	43	527110	53.339	ug/l #	89
44) Trichloroethene	9.359	130	232508	44.584	ug/l	98
45) 1,2-Dichloropropane	9.630	63	248232	50.524	ug/l	96
46) Dibromomethane	9.718	93	172697	47.721	ug/l	97
47) Bromodichloromethane	9.894	83	352846	52.490	ug/l	94
48) Methyl methacrylate	9.688	41	208446	50.262	ug/l	90
49) 1,4-Dioxane	9.700	88	84208	966.087	ug/l #	93
51) 4-Methyl-2-Pentanone	10.453	43	1382745	265.714	ug/l	93
52) Toluene	10.635	92	588892	47.233	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	359812	51.396	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	389122	50.282	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	237018	50.253	ug/l	95
56) Ethyl methacrylate	10.882	69	353348	51.452	ug/l	92
57) 1,3-Dichloropropane	11.171	76	406116	51.012	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	693002	249.794	ug/l	92
59) 2-Hexanone	11.200	43	981736	270.942	ug/l	92
60) Dibromochloromethane	11.365	129	260914	50.554	ug/l	100
61) 1,2-Dibromoethane	11.476	107	243519	49.200	ug/l	99
64) Tetrachloroethene	11.112	164	178744	41.790	ug/l	98
65) Chlorobenzene	11.900	112	637729	46.448	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	245479	48.611	ug/l	98
67) Ethyl Benzene	11.971	91	1134942	47.906	ug/l	99
68) m/p-Xylenes	12.076	106	850990	94.254	ug/l	97
69) o-Xylene	12.406	106	418109	47.157	ug/l	96
70) Styrene	12.418	104	682323	48.883	ug/l	97
71) Bromoform	12.582	173	168336	51.654	ug/l #	100
73) Isopropylbenzene	12.700	105	1034758	42.198	ug/l	99
74) N-amyl acetate	12.500	43	366786	45.422	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	353286	52.505	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	277080m	45.199	ug/l	
77) Bromobenzene	12.988	156	240631	42.273	ug/l	99
78) n-propylbenzene	13.041	91	1192964	44.778	ug/l	98
79) 2-Chlorotoluene	13.129	91	736213	42.810	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	842906	42.457	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	98671	49.451	ug/l #	85
82) 4-Chlorotoluene	13.223	91	715685	44.590	ug/l	99
83) tert-Butylbenzene	13.441	119	712132	41.265	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	851148	44.220	ug/l	99
85) sec-Butylbenzene	13.623	105	908999	40.243	ug/l	99
86) p-Isopropyltoluene	13.735	119	755693	41.227	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	404541	42.014	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	396518	42.677	ug/l	99
89) n-Butylbenzene	14.059	91	583939	40.389	ug/l	97
90) Hexachloroethane	14.341	117	144868	44.535	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	412824	43.869	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	56940	46.880	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	137594	41.038	ug/l	98
94) Hexachlorobutadiene	15.506	225	65294	39.147	ug/l	97
95) Naphthalene	15.647	128	425486	37.726	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	144531	38.543	ug/l	96

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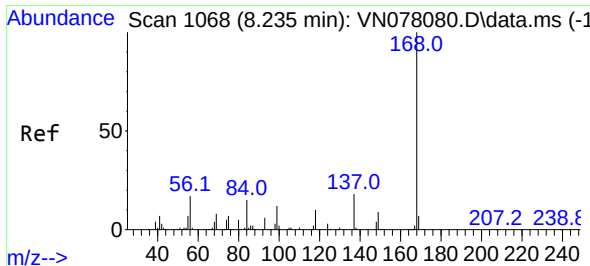
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/19/2023

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Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.001 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

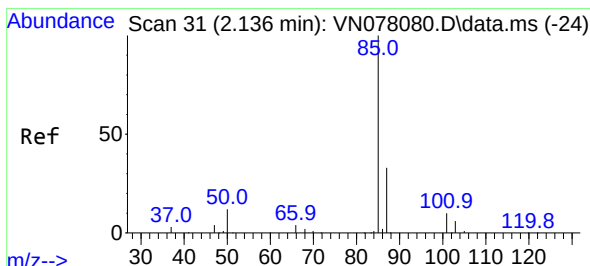
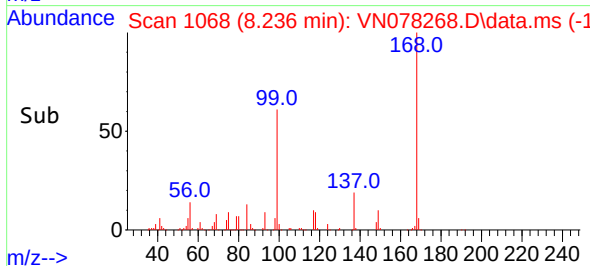
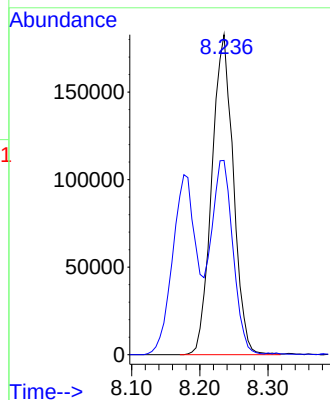
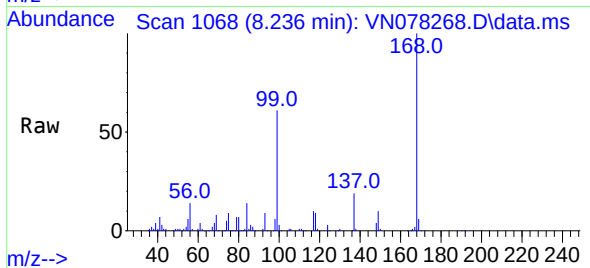
VSTDCCC050EC

Tgt Ion:168 Resp: 401264
Ion Ratio Lower Upper
168 100
99 60.5 53.0 79.6

Manual Integrations

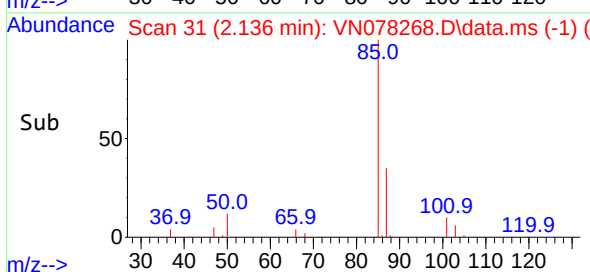
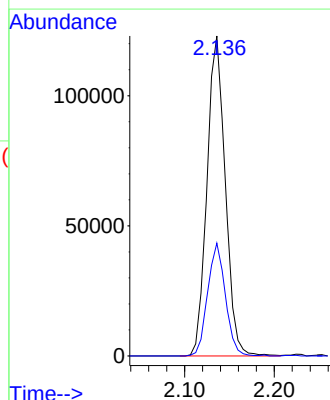
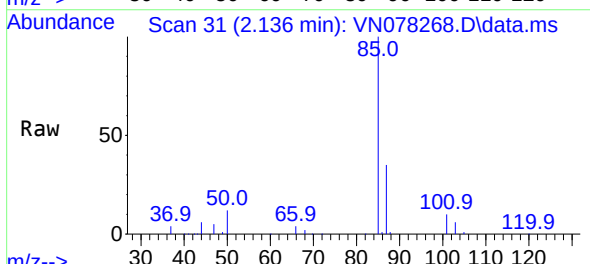
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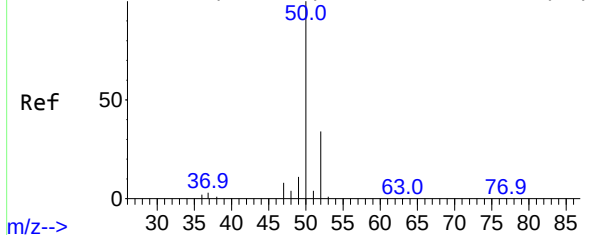


#2
Dichlorodifluoromethane
Concen: 38.390 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion: 85 Resp: 174132
Ion Ratio Lower Upper
85 100
87 35.3 15.8 47.4



Abundance Scan 71 (2.371 min): VN078080.D\data.ms (-64)



#3

Chloromethane

Concen: 44.984 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078268.D

Acq: 16 Jun 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 19273

Ion Ratio Lower Upper

50 100

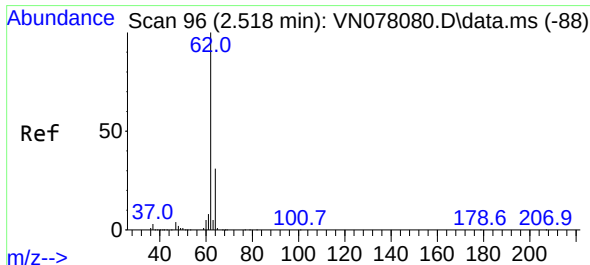
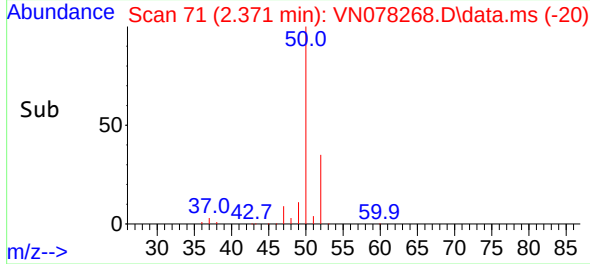
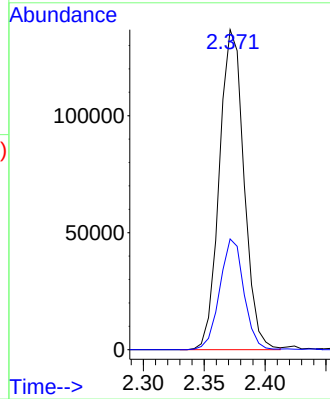
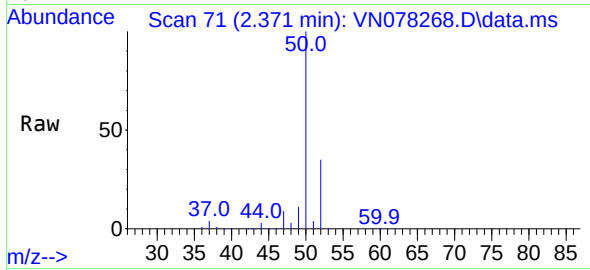
52 34.6 26.5 39.7

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 43.623 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN078268.D

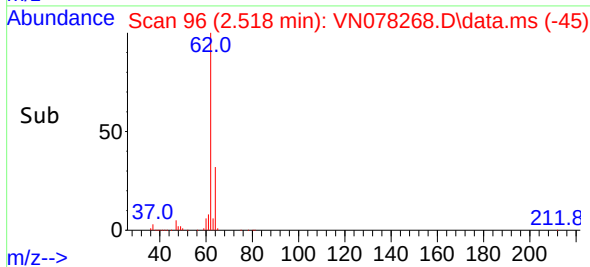
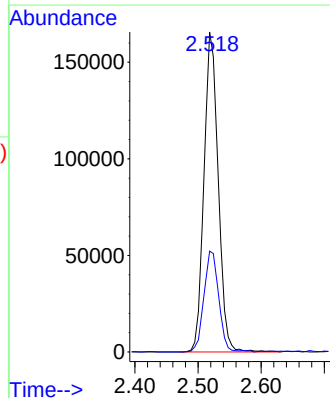
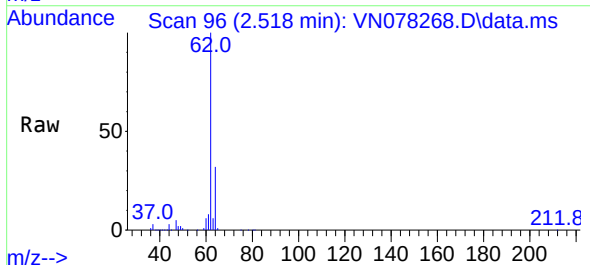
Acq: 16 Jun 2023 18:29

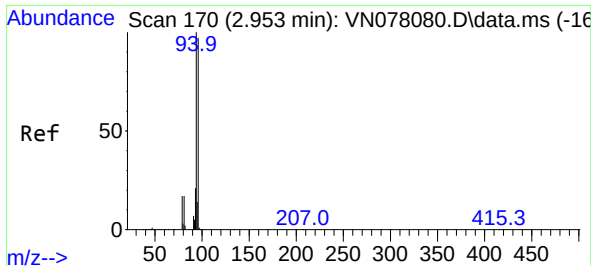
Tgt Ion: 62 Resp: 259099

Ion Ratio Lower Upper

62 100

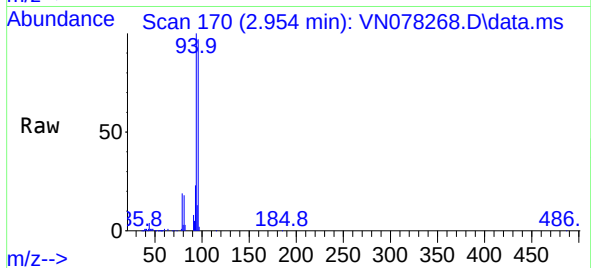
64 31.5 26.2 39.2





#5
Bromomethane
Concen: 41.613 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078268.D
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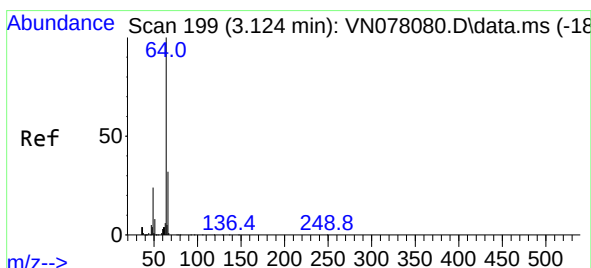
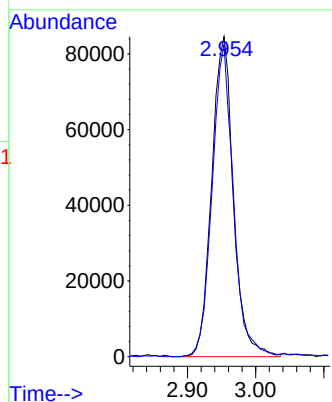
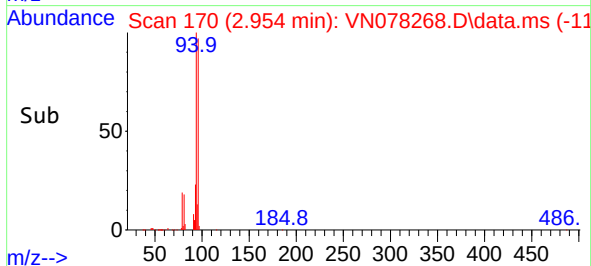
Instrument :
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Tgt Ion: 94 Resp: 186790
Ion Ratio Lower Upper
94 100
96 97.5 73.1 109.7

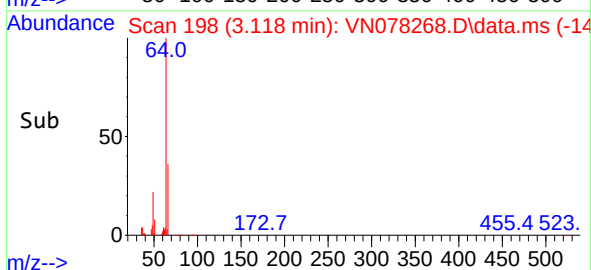
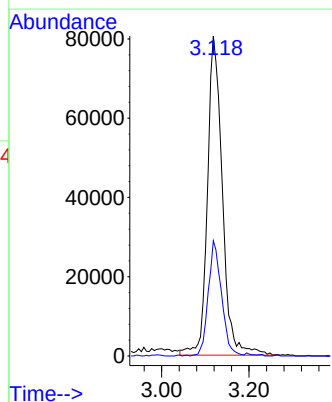
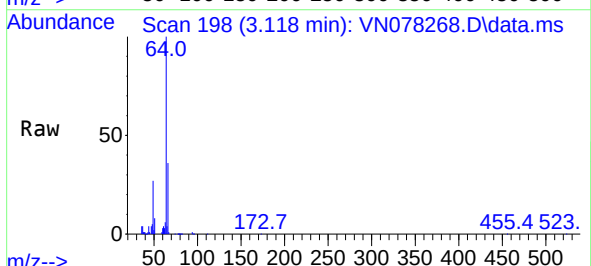
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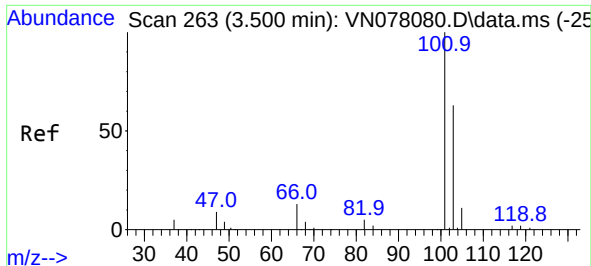
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#6
Chloroethane
Concen: 47.392 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion: 64 Resp: 191887
Ion Ratio Lower Upper
64 100
66 36.1 25.4 38.2





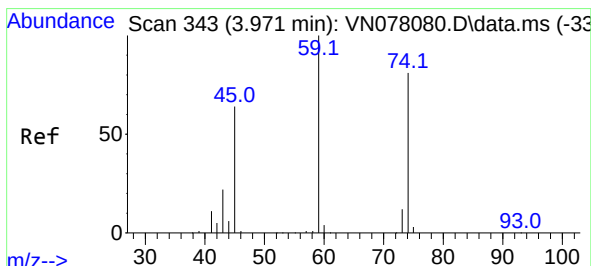
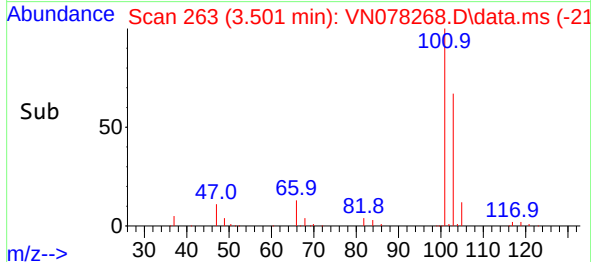
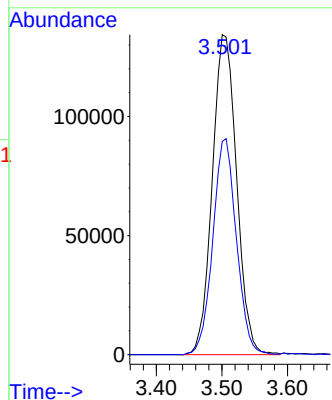
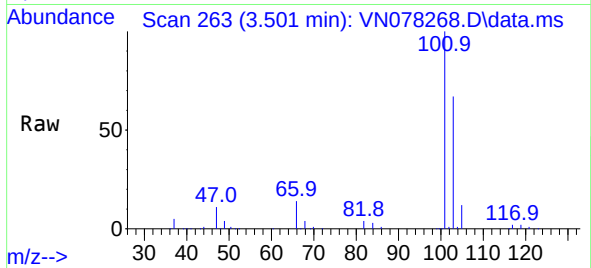
#7
Trichlorofluoromethane
Concen: 42.992 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 346270
Ion Ratio Lower Upper
101 100
103 66.7 50.7 76.1

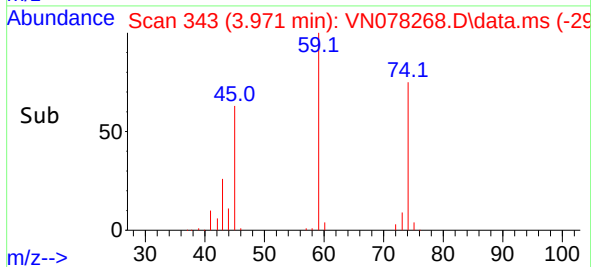
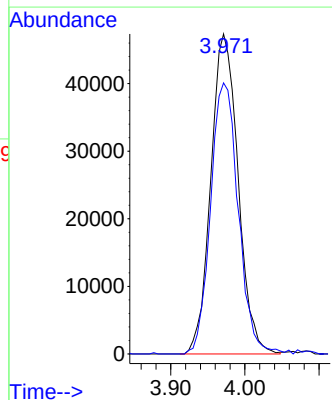
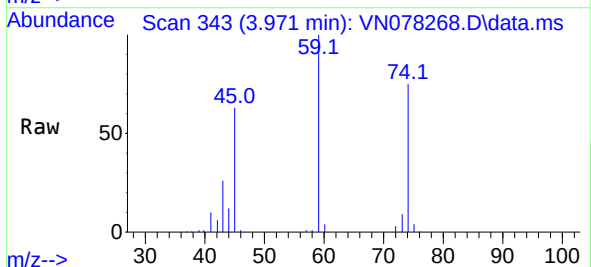
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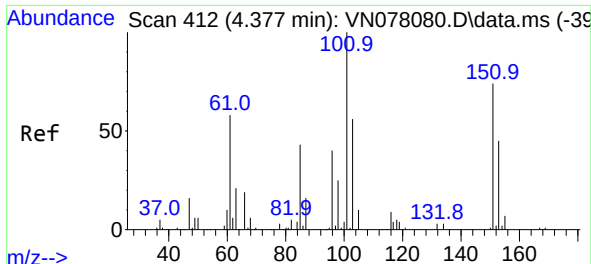
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#8
Diethyl Ether
Concen: 42.735 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

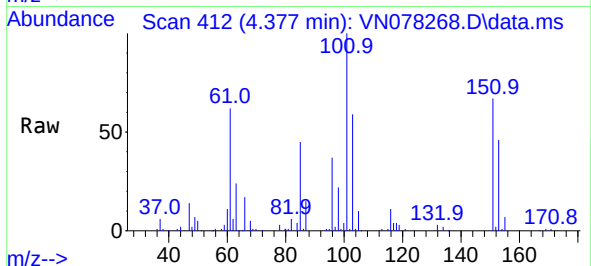
Tgt Ion: 74 Resp: 120943
Ion Ratio Lower Upper
74 100
45 85.9 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.312 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

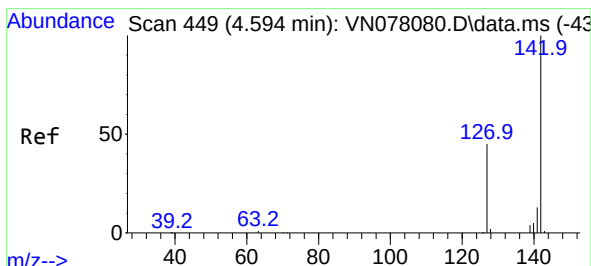
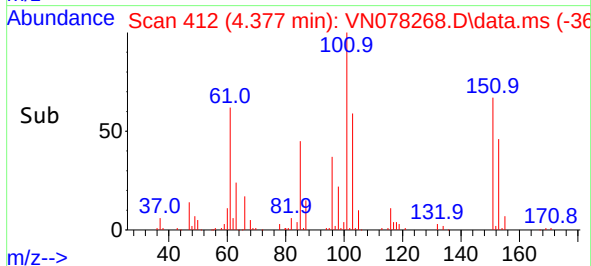
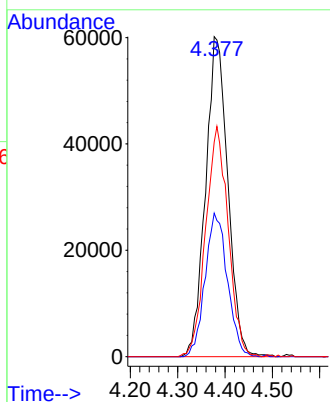
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 19686
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 72.4 57.6 86.4

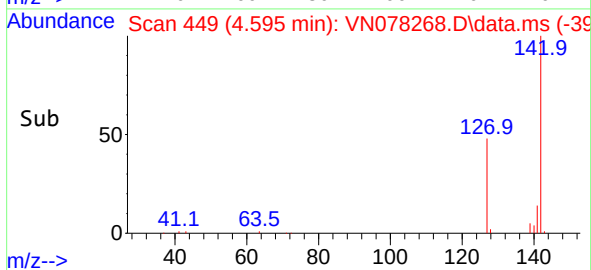
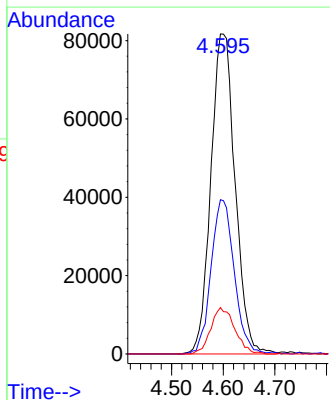
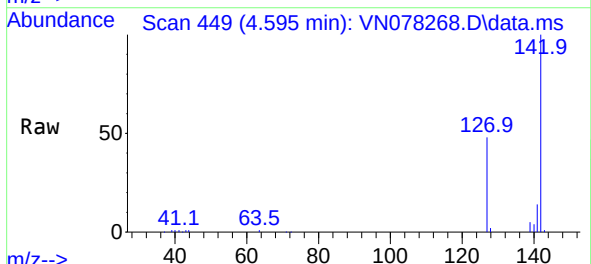
Manual Integrations
APPROVED

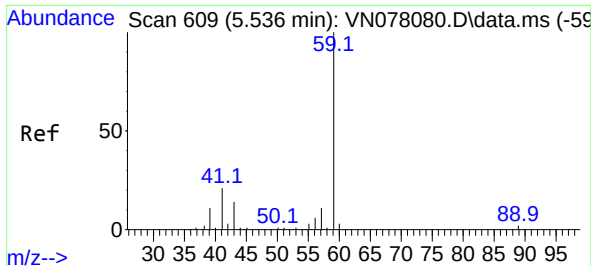
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#10
Methyl Iodide
Concen: 44.284 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

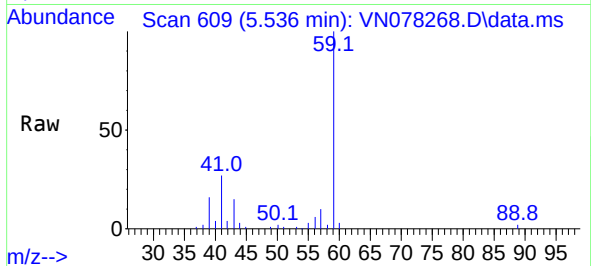
Tgt Ion:142 Resp: 266207
Ion Ratio Lower Upper
142 100
127 48.2 37.6 56.4
141 14.5 11.4 17.0





#11
Tert butyl alcohol
Concen: 227.458 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

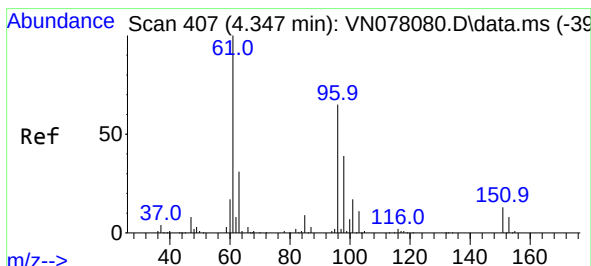
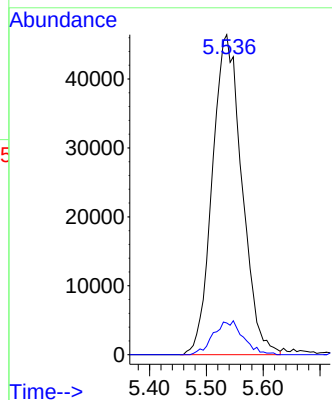
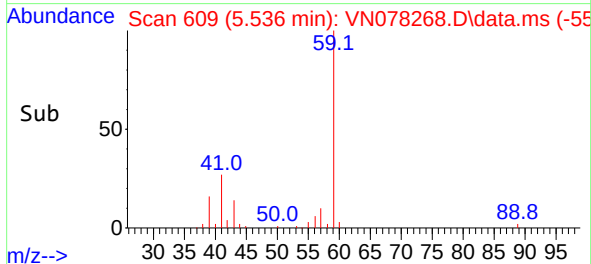
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



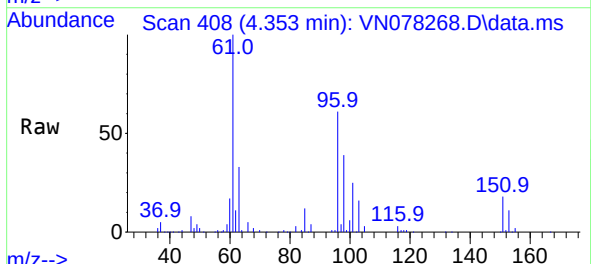
Tgt Ion: 59 Resp: 16803
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

Manual Integrations
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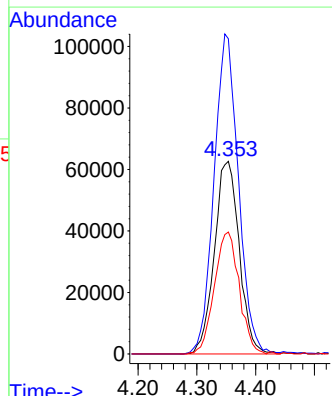
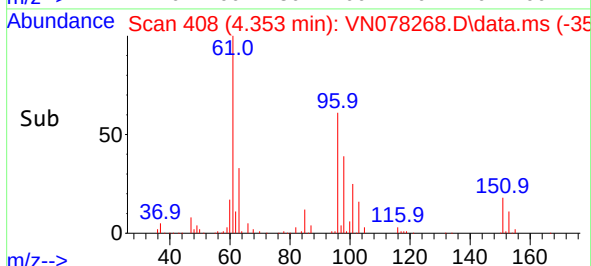
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

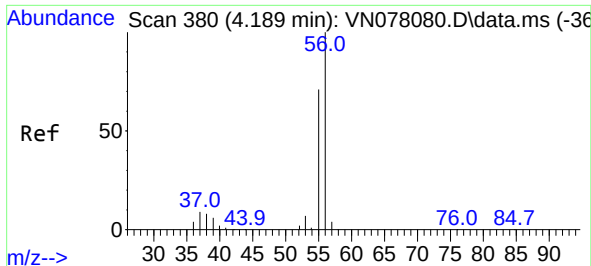


#12
1,1-Dichloroethene
Concen: 42.116 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29



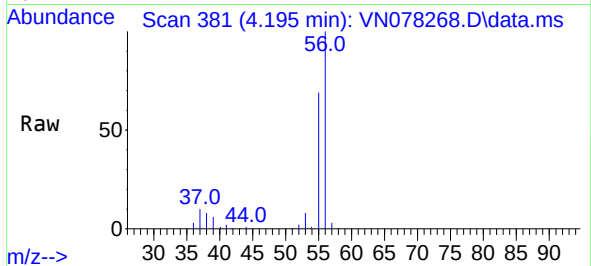
Tgt Ion: 96 Resp: 184544
Ion Ratio Lower Upper
96 100
61 163.6 112.7 169.1
98 63.3 51.2 76.8





#13
Acrolein
Concen: 271.506 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

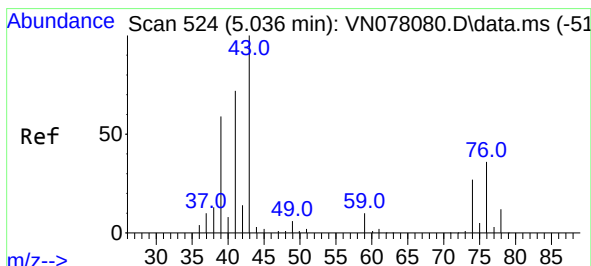
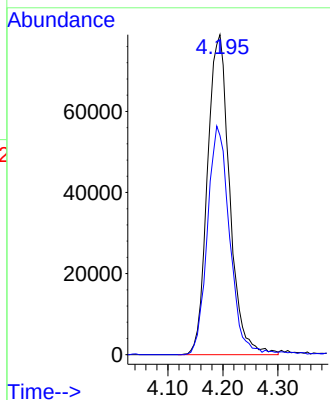
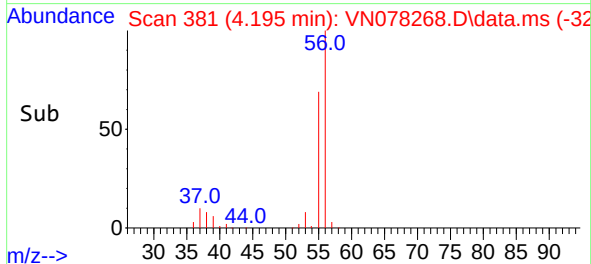
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



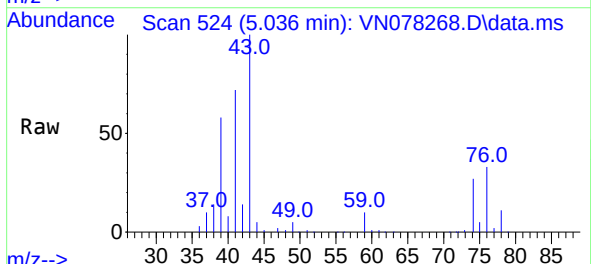
Tgt Ion: 56 Resp: 22105
Ion Ratio Lower Upper
56 100
55 72.3 54.5 81.7

Manual Integrations
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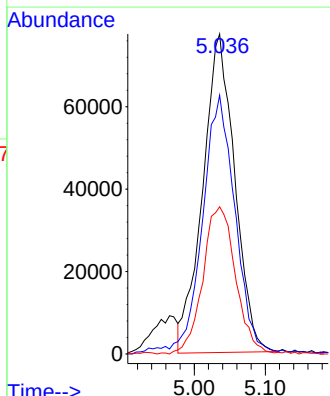
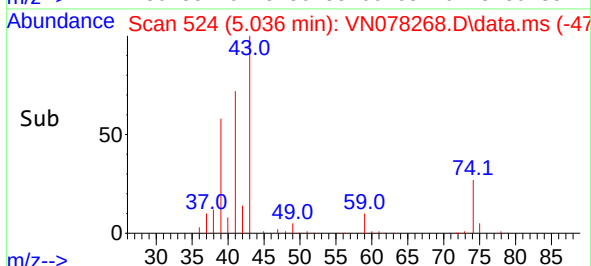
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

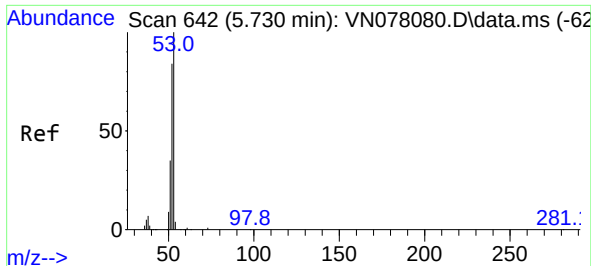


#14
Allyl chloride
Concen: 45.206 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29



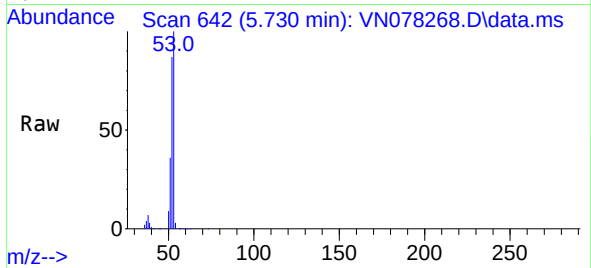
Tgt Ion: 41 Resp: 241799
Ion Ratio Lower Upper
41 100
39 83.9 58.8 88.2
76 47.2 39.1 58.7





#15
Acrylonitrile
Concen: 252.178 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

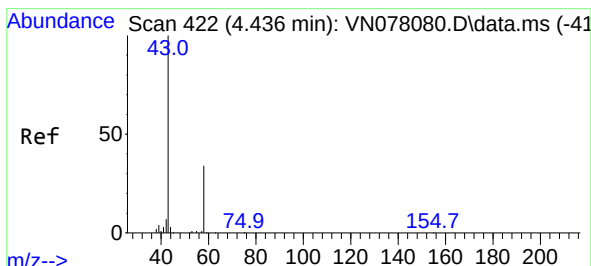
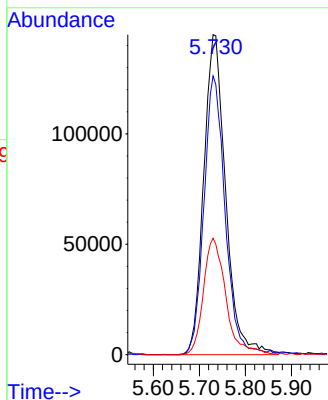
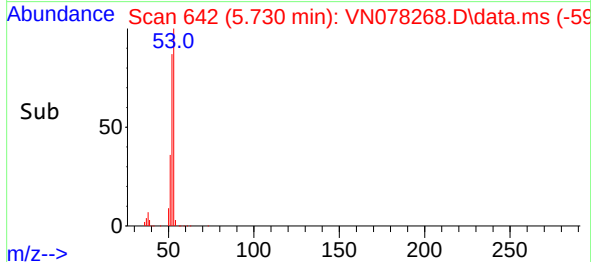
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



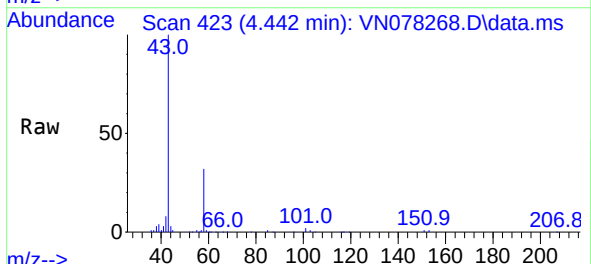
Tgt Ion: 53 Resp: 480292
Ion Ratio Lower Upper
53 100
52 83.9 65.3 97.9
51 37.2 28.9 43.3

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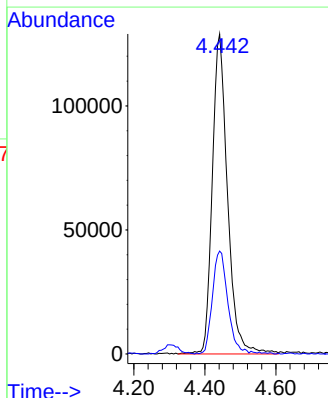
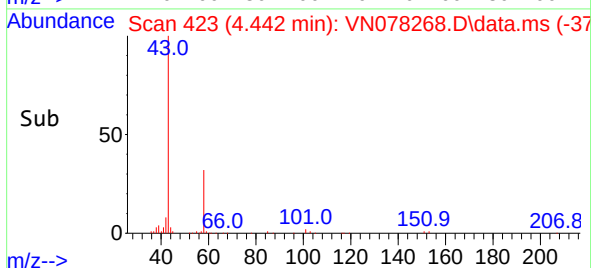
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

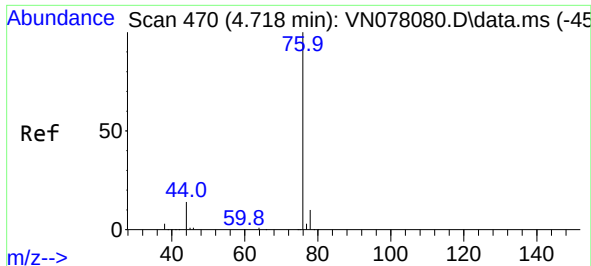


#16
Acetone
Concen: 248.749 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29



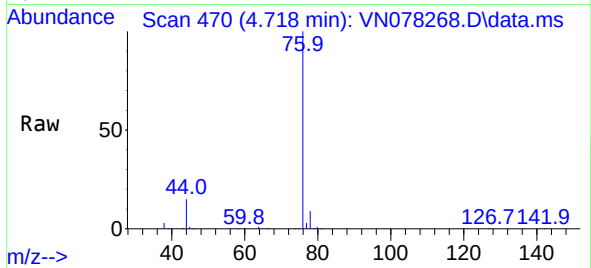
Tgt Ion: 43 Resp: 383061
Ion Ratio Lower Upper
43 100
58 31.9 28.0 42.0





#17
Carbon Disulfide
Concen: 38.646 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

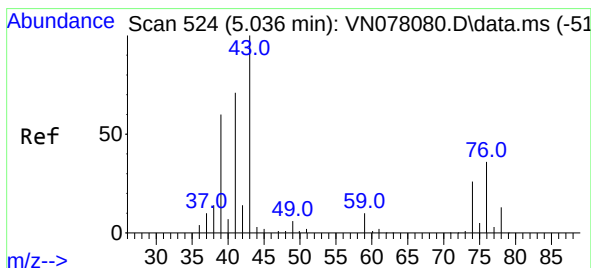
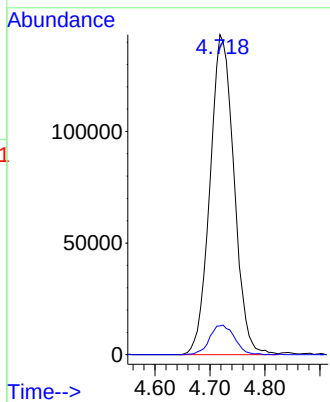
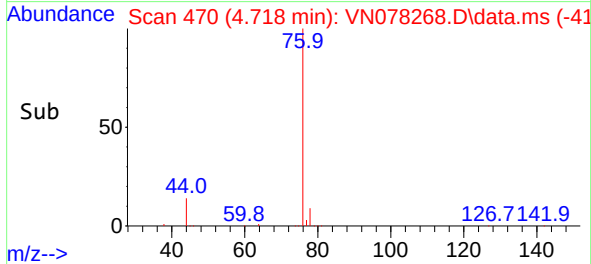
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



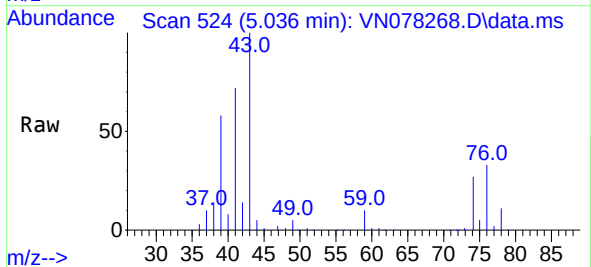
Tgt Ion: 76 Resp: 435872
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

Manual Integrations
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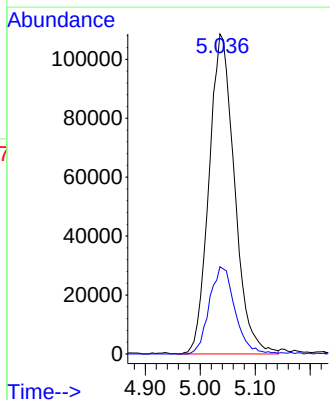
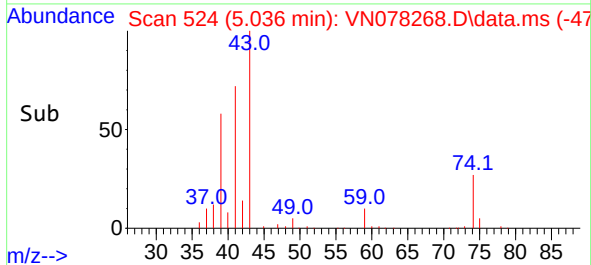
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

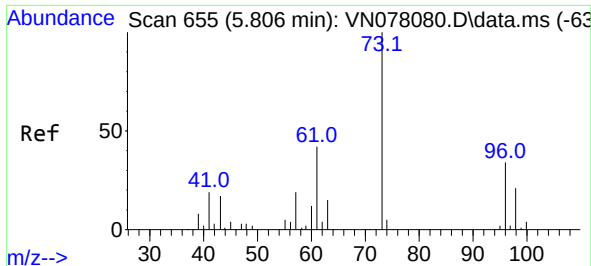


#18
Methyl Acetate
Concen: 49.348 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29



Tgt Ion: 43 Resp: 349871
Ion Ratio Lower Upper
43 100
74 27.4 26.2 39.4





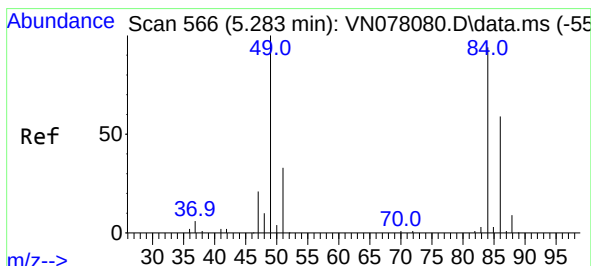
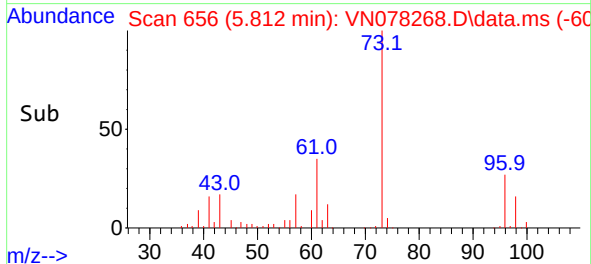
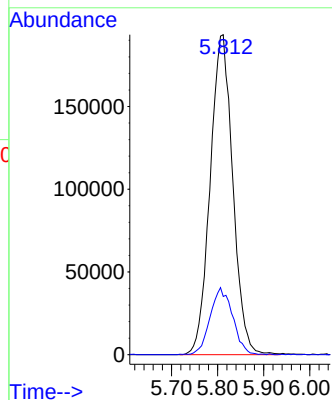
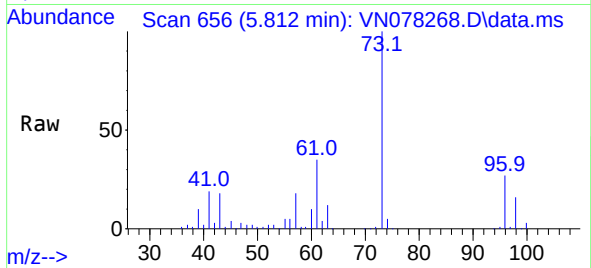
#19
Methyl tert-butyl Ether
Concen: 47.176 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 65954
Ion Ratio Lower Upper
73 100
57 18.1 15.6 23.4

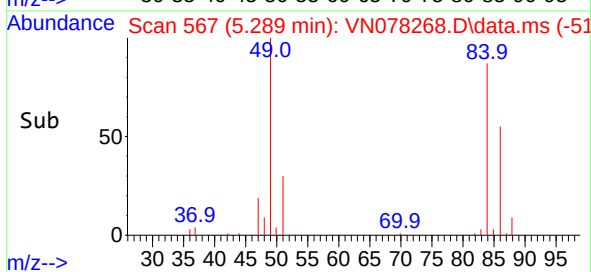
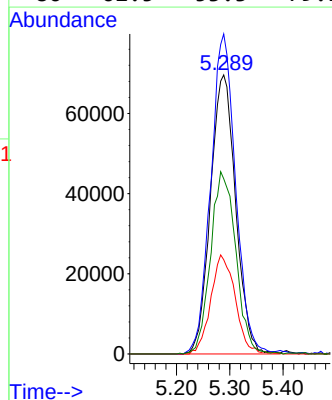
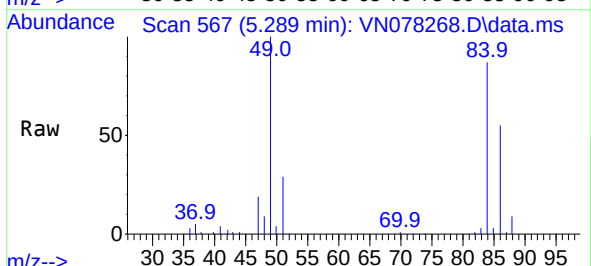
Manual Integrations
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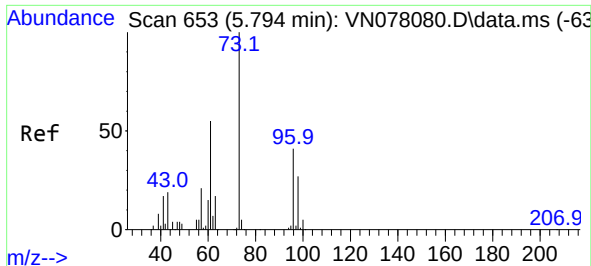
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#20
Methylene Chloride
Concen: 44.994 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

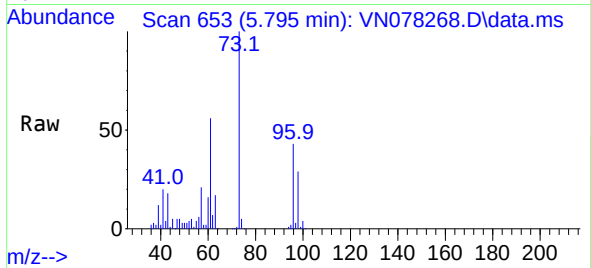
Tgt Ion: 84 Resp: 228965
Ion Ratio Lower Upper
84 100
49 114.7 79.7 119.5
51 33.8 25.2 37.8
86 62.5 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 43.593 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

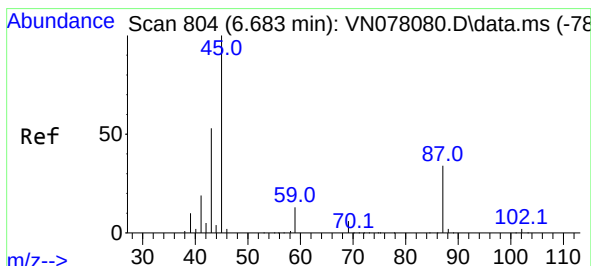
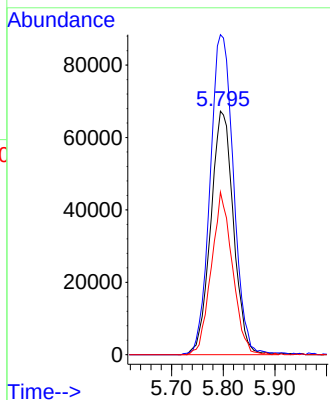
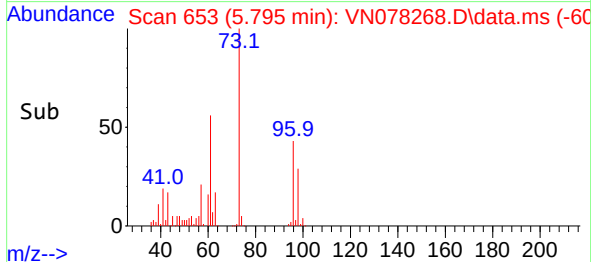
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



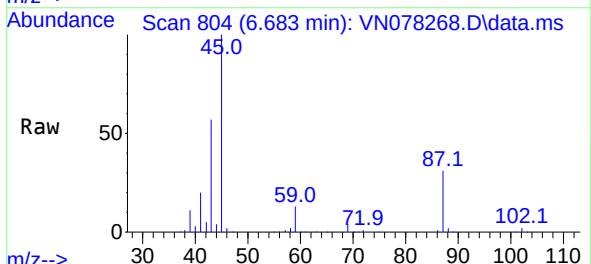
Tgt Ion: 96 Resp: 206023
Ion Ratio Lower Upper
96 100
61 131.4 90.1 135.1
98 66.8 46.4 69.6

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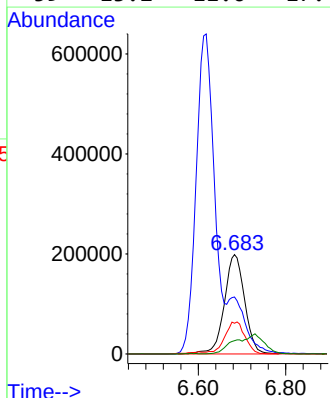
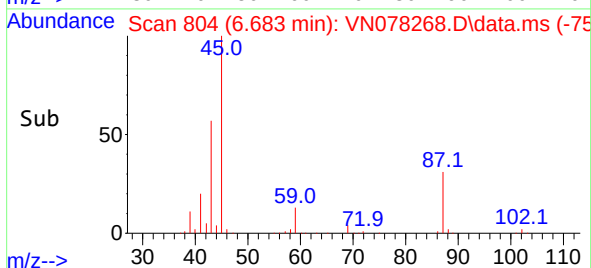
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

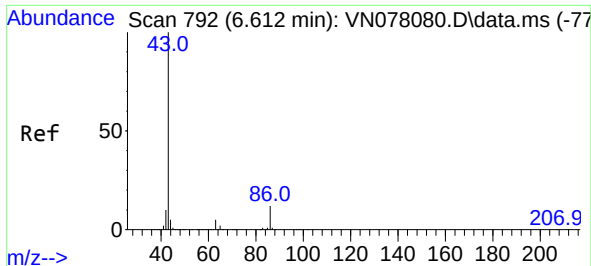


#22
Diisopropyl ether
Concen: 50.711 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29



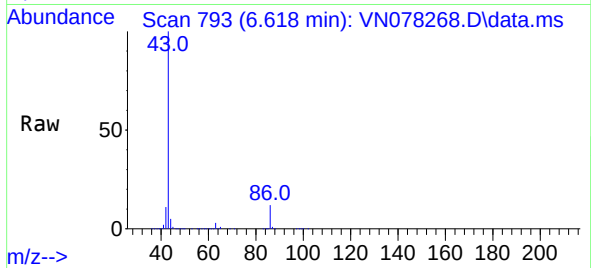
Tgt Ion: 45 Resp: 638032
Ion Ratio Lower Upper
45 100
43 56.3 45.5 68.3
87 30.7 31.8 47.8#
59 13.2 11.6 17.4





#23
Vinyl Acetate
Concen: 251.204 ug/l
RT: 6.618 min Scan# 792
Delta R.T. 0.006 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

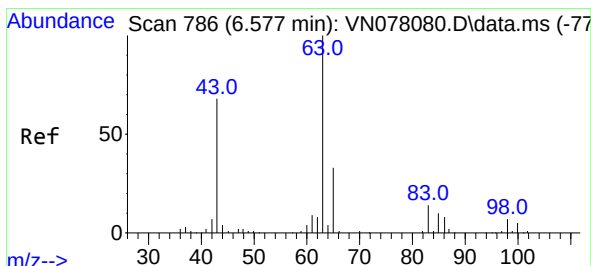
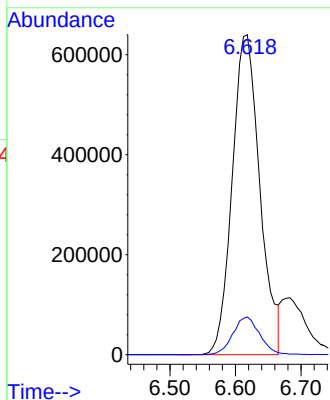
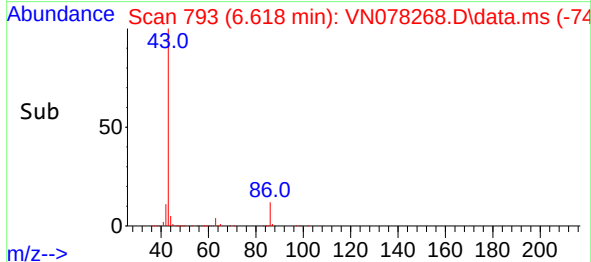
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1878798
Ion Ratio Lower Upper
43 100
86 11.8 13.0 19.6

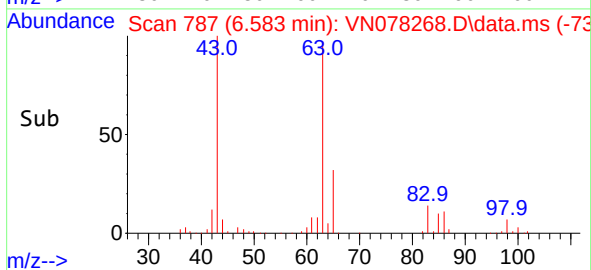
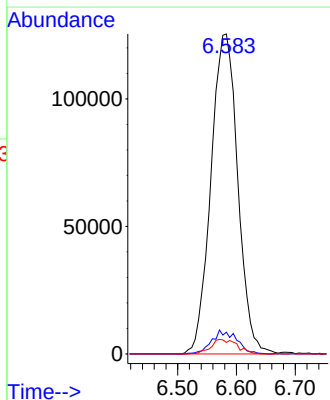
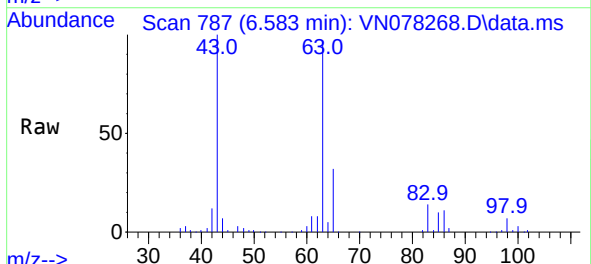
Manual Integrations
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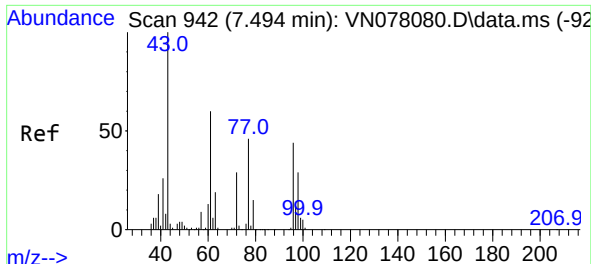
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#24
1,1-Dichloroethane
Concen: 47.971 ug/l
RT: 6.583 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

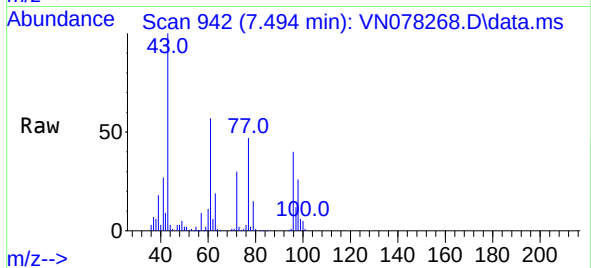
Tgt Ion: 63 Resp: 398158
Ion Ratio Lower Upper
63 100
98 6.8 3.9 11.7
100 3.6 2.5 7.4





#25
2-Butanone
Concen: 256.616 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

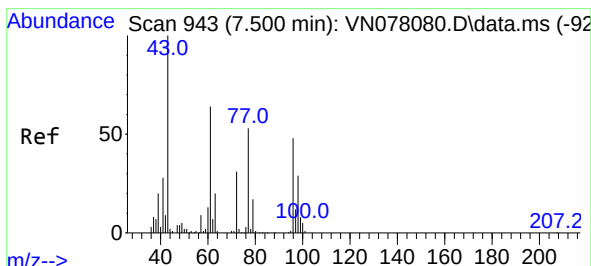
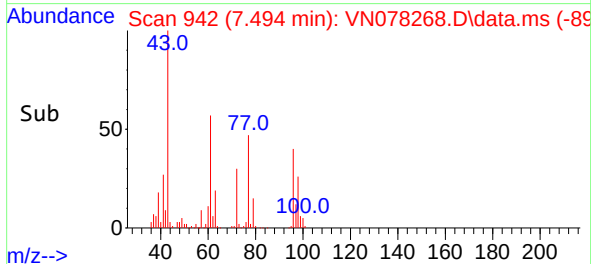
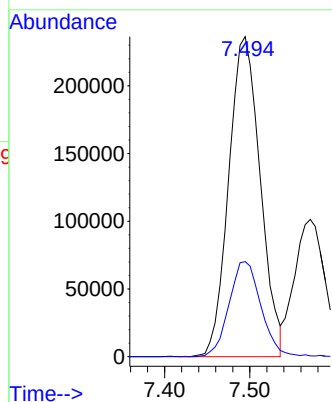
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 60769
Ion Ratio Lower Upper
43 100
72 29.7 30.2 45.2

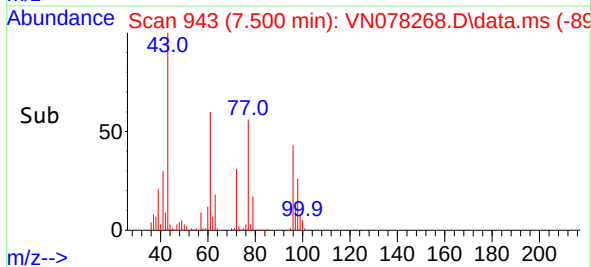
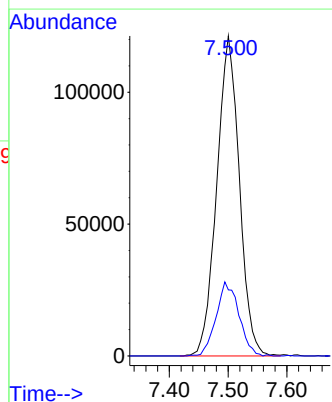
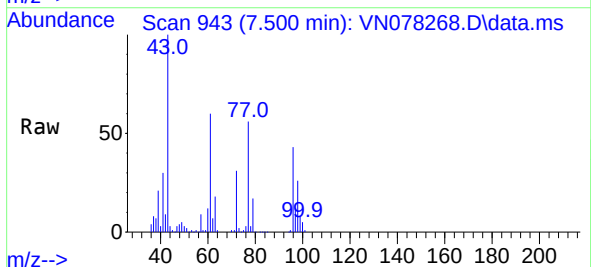
Manual Integrations
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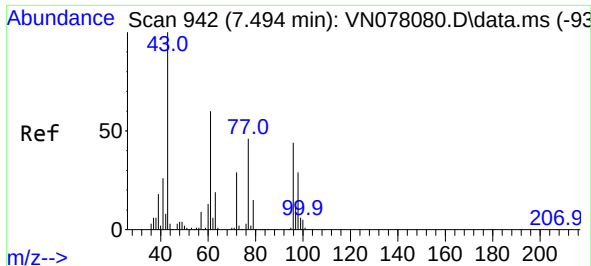
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#26
2,2-Dichloropropane
Concen: 52.828 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

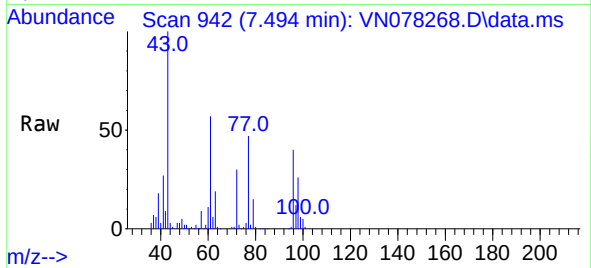
Tgt Ion: 77 Resp: 323751
Ion Ratio Lower Upper
77 100
97 23.4 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 44.120 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

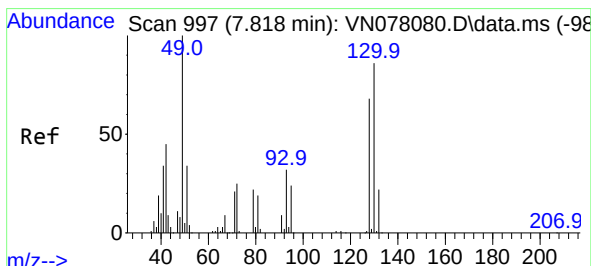
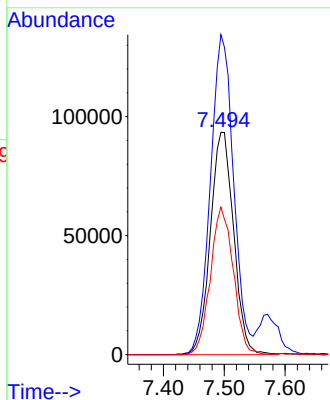
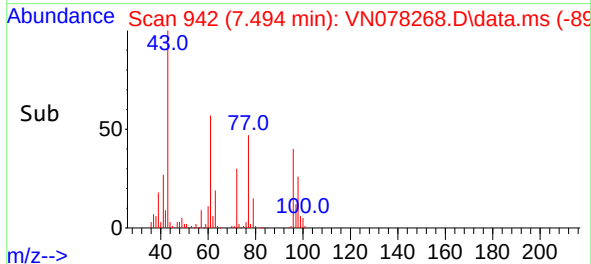
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 248719
Ion Ratio Lower Upper
96 100
61 143.3 0.0 255.2
98 65.0 0.0 128.8

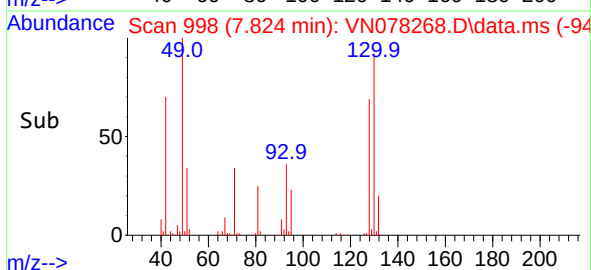
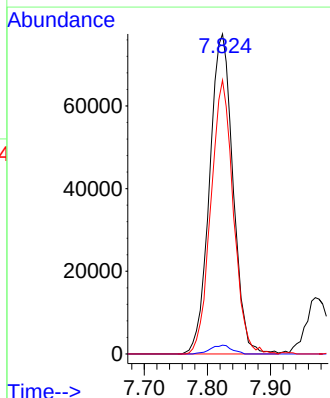
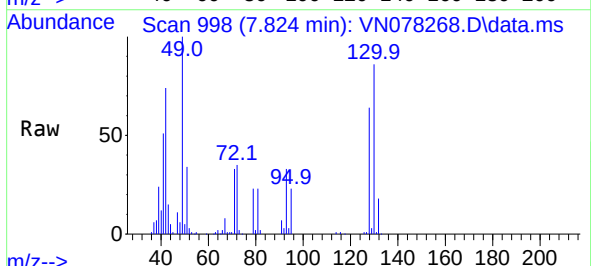
Manual Integrations
APPROVED

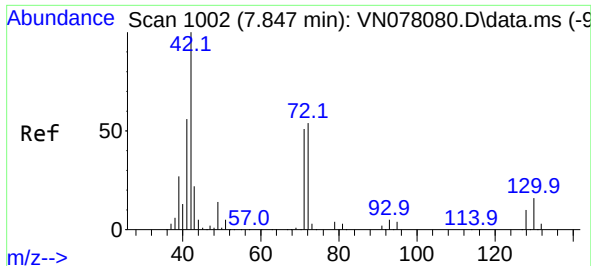
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#28
Bromochloromethane
Concen: 52.422 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

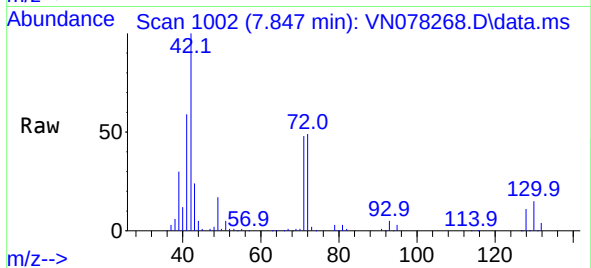
Tgt Ion: 49 Resp: 199770
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.8
130 81.9 75.3 112.9





#29
Tetrahydrofuran
Concen: 248.897 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

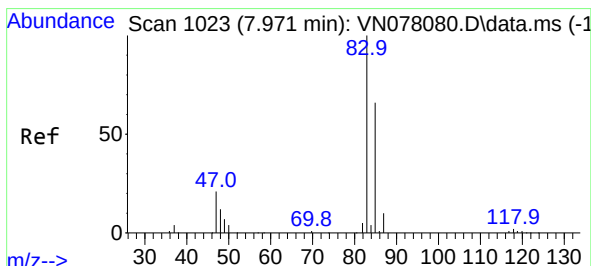
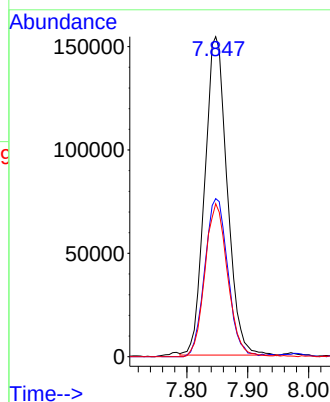
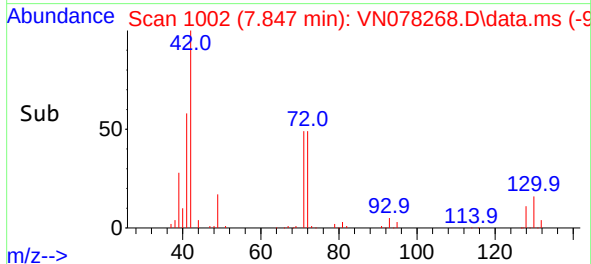
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



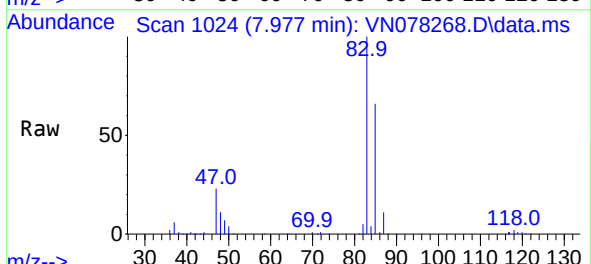
Tgt Ion: 42 Resp: 394021
Ion Ratio Lower Upper
42 100
72 51.3 49.8 74.6
71 48.7 47.4 71.2

Manual Integrations
APPROVED

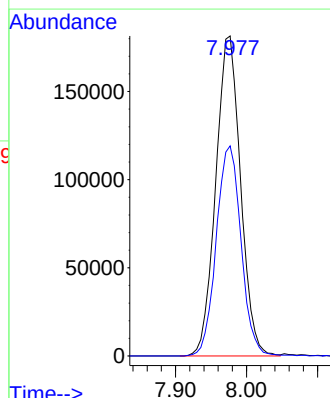
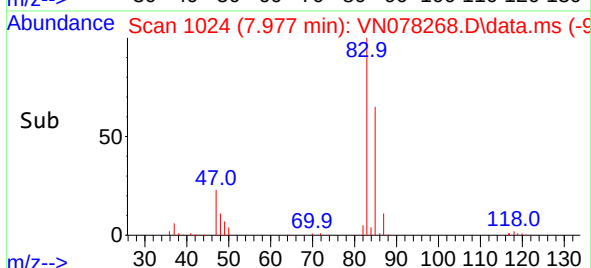
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

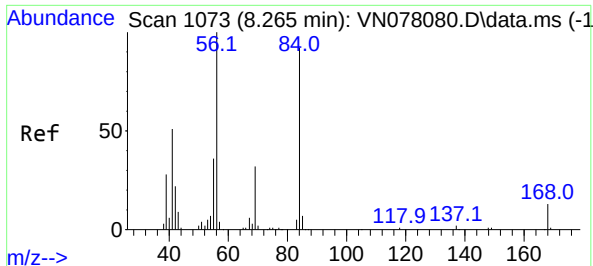


#30
Chloroform
Concen: 49.233 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.006 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29



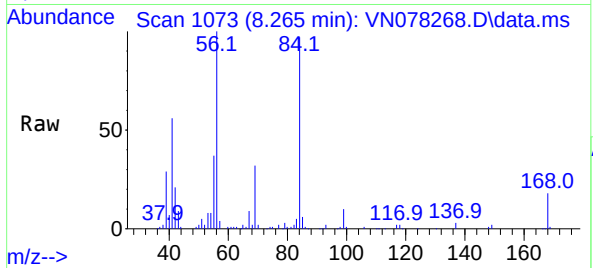
Tgt Ion: 83 Resp: 440021
Ion Ratio Lower Upper
83 100
85 65.7 55.4 83.0





#31
Cyclohexane
Concen: 43.422 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

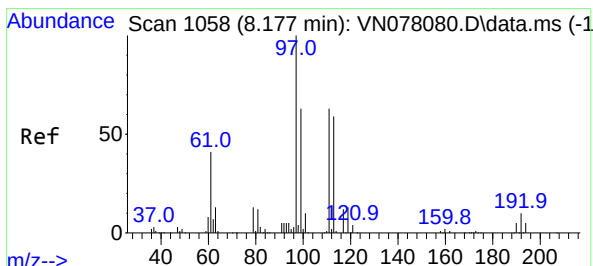
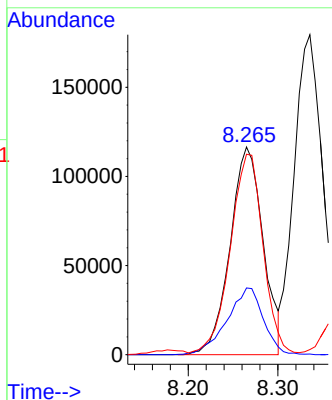
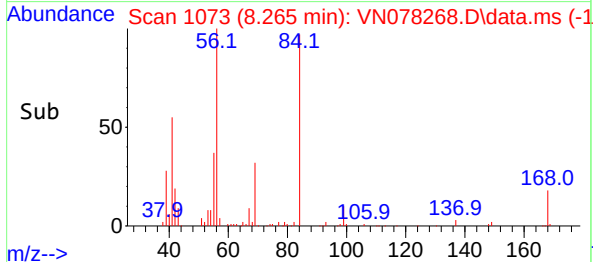
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



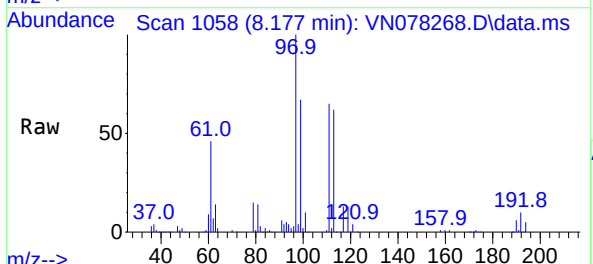
Tgt Ion: 56 Resp: 298000
Ion Ratio Lower Upper
56 100
69 32.0 26.8 40.2
84 94.6 81.8 122.6

Manual Integrations
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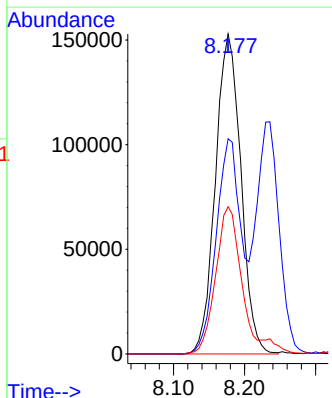
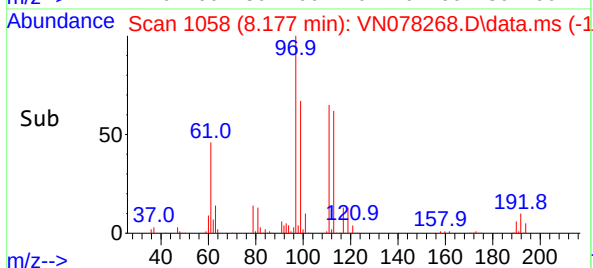
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

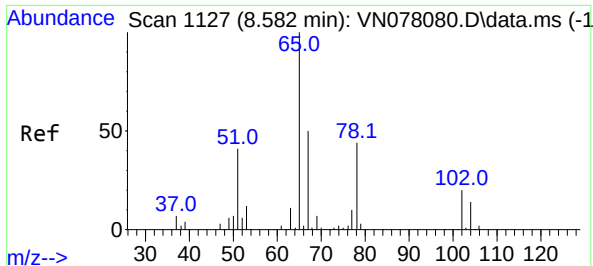


#32
1,1,1-Trichloroethane
Concen: 48.472 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29



Tgt Ion: 97 Resp: 380334
Ion Ratio Lower Upper
97 100
99 66.8 50.3 75.5
61 48.4 34.7 52.1





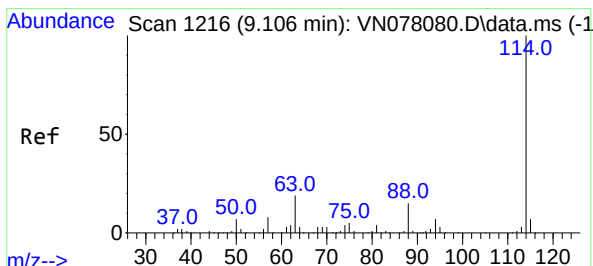
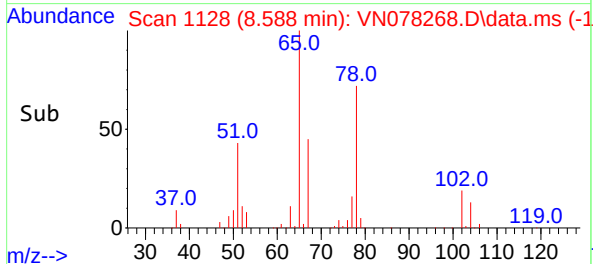
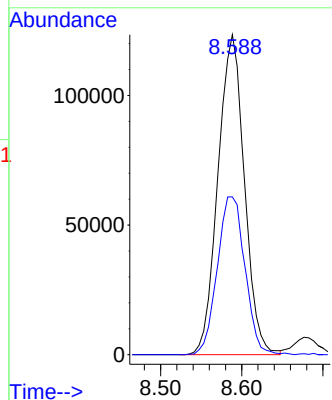
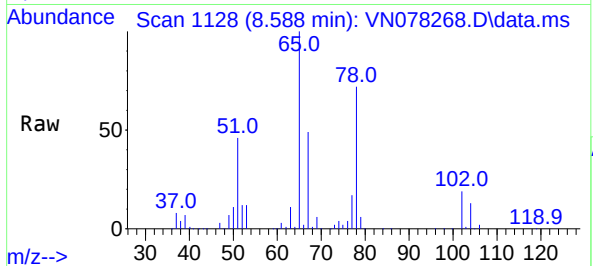
#33
1,2-Dichloroethane-d4
Concen: 52.215 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 279350
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.6

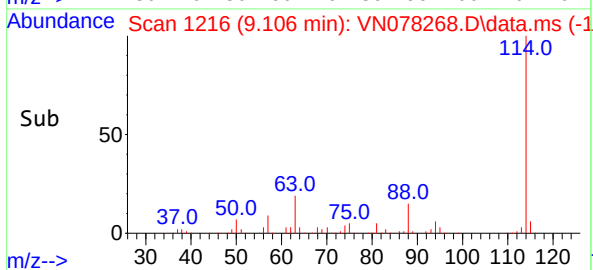
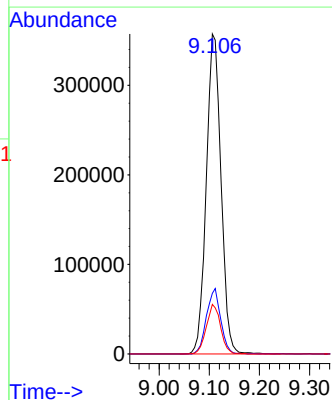
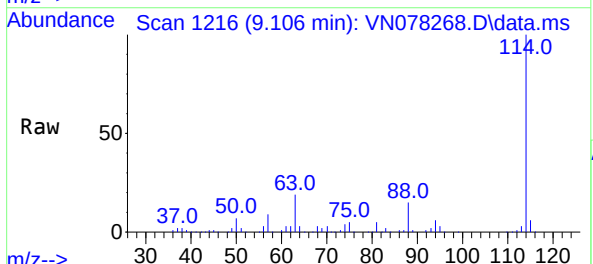
Manual Integrations
APPROVED

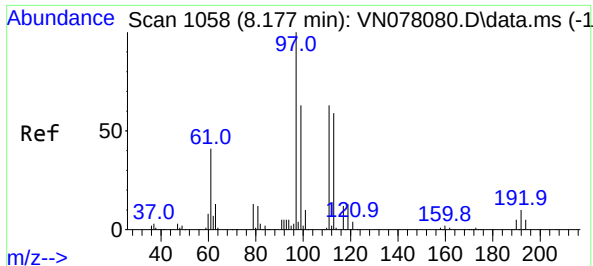
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

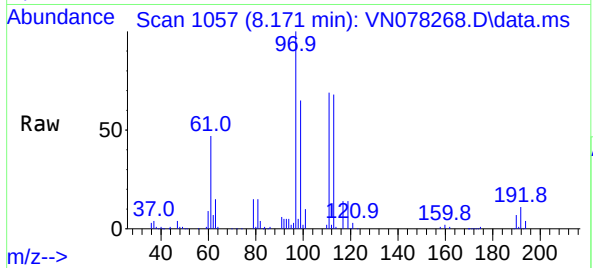
Tgt Ion:114 Resp: 729330
Ion Ratio Lower Upper
114 100
63 19.0 0.0 36.4
88 15.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.277 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

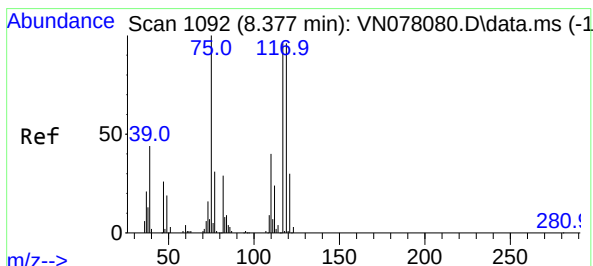
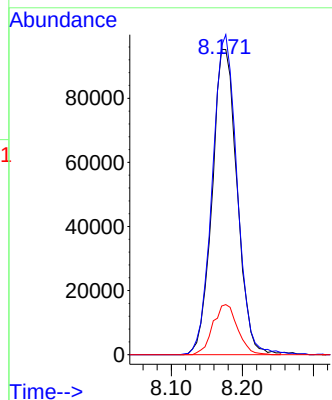
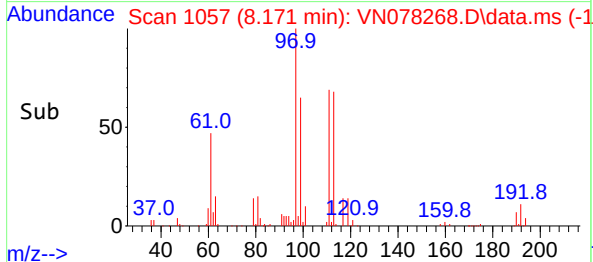
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



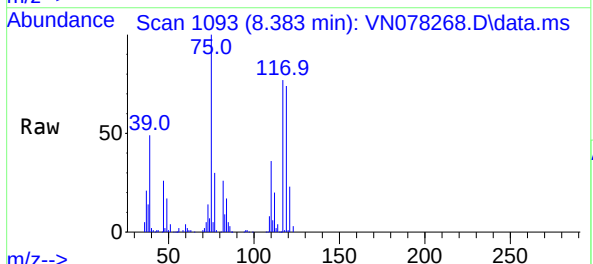
Tgt Ion: 113 Resp: 23185
Ion Ratio Lower Upper
113 100
111 104.4 82.6 123.8
192 16.2 12.7 19.1

Manual Integrations
APPROVED

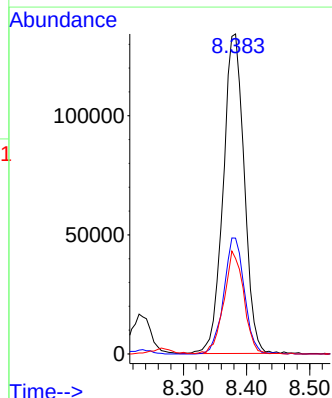
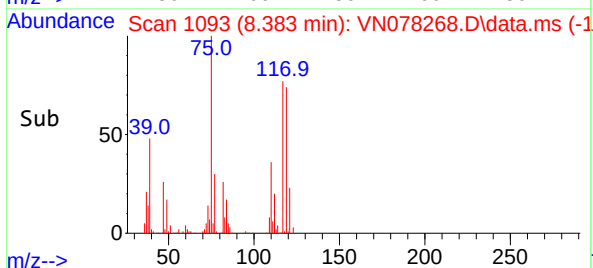
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

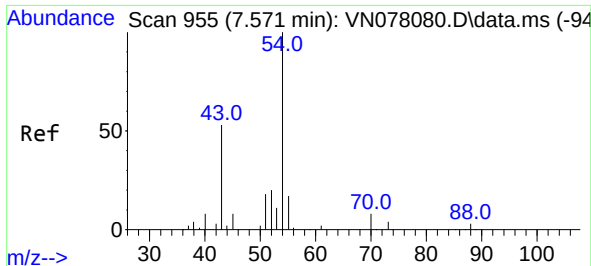


#36
1,1-Dichloropropene
Concen: 46.901 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29



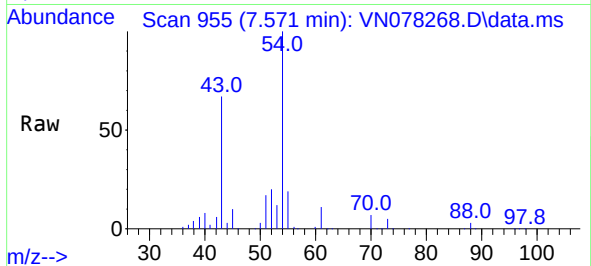
Tgt Ion: 75 Resp: 310230
Ion Ratio Lower Upper
75 100
110 35.6 19.1 57.3
77 30.7 25.0 37.4





#37
Ethyl Acetate
Concen: 51.006 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

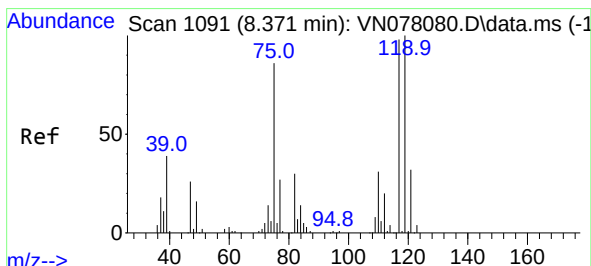
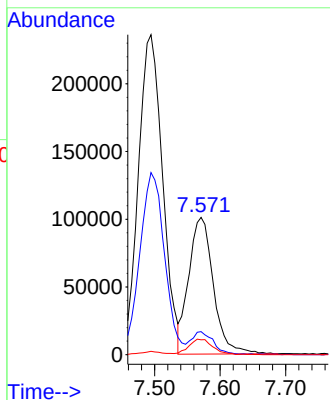
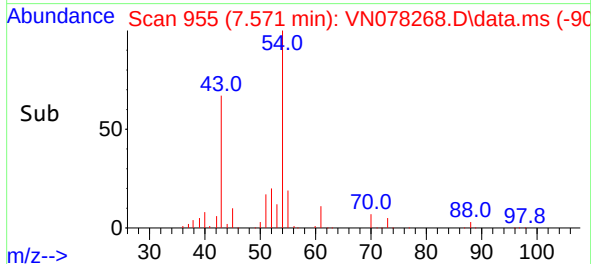
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 26356
Ion Ratio Lower Upper
43 100
61 14.8 13.2 19.8
70 10.6 11.3 16.9

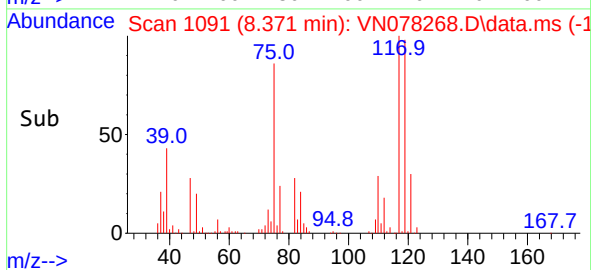
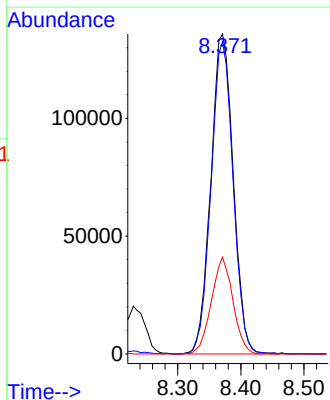
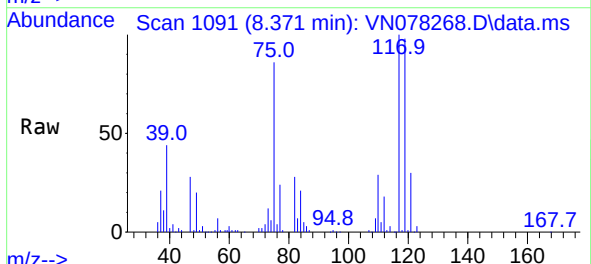
Manual Integrations
APPROVED

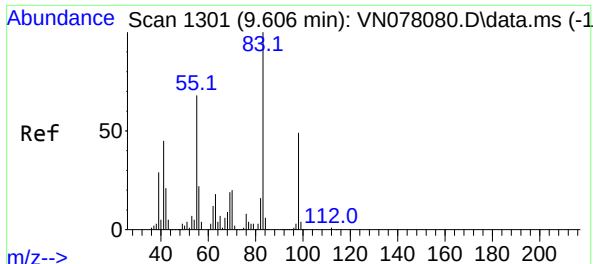
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#38
Carbon Tetrachloride
Concen: 47.987 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion:117 Resp: 335157
Ion Ratio Lower Upper
117 100
119 97.6 77.3 115.9
121 30.2 23.3 34.9





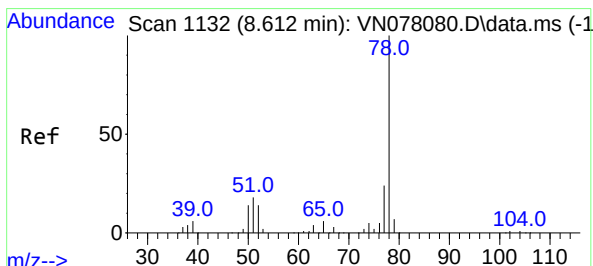
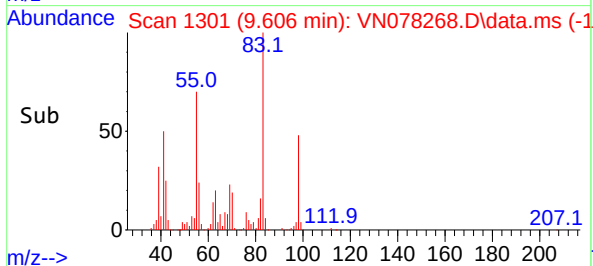
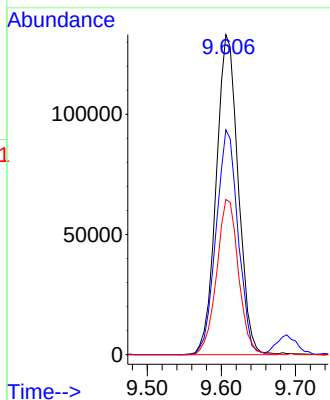
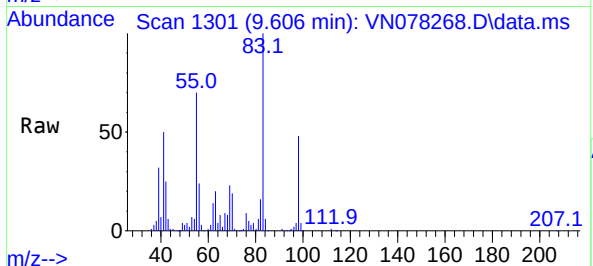
#39
Methylcyclohexane
Concen: 40.004 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 27422
Ion Ratio Lower Upper
83 100
55 70.2 49.1 73.7
98 48.5 40.6 61.0

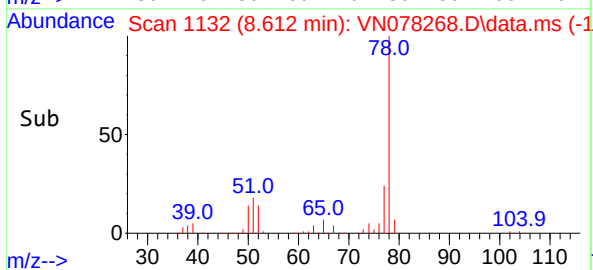
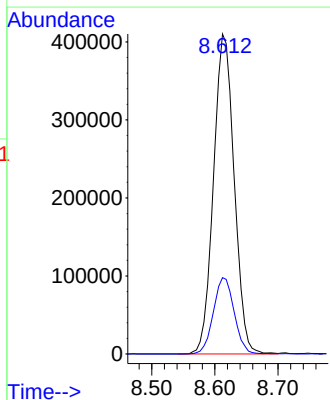
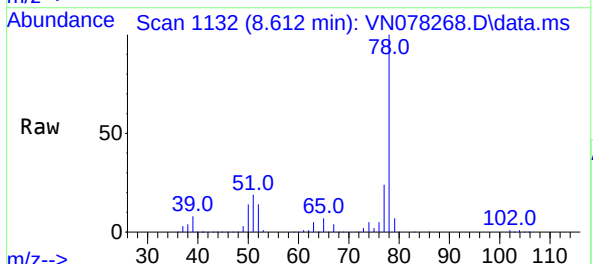
Manual Integrations
APPROVED

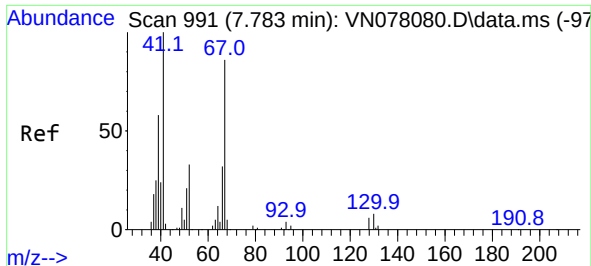
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#40
Benzene
Concen: 47.153 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion: 78 Resp: 931148
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6





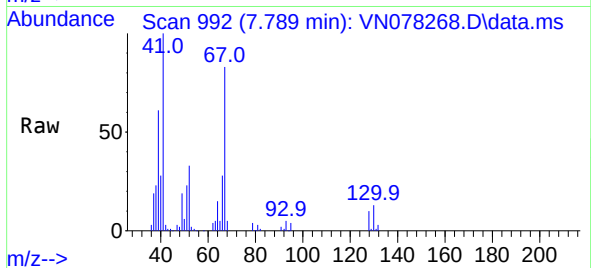
#41
Methacrylonitrile
Concen: 49.183 ug/l
RT: 7.789 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



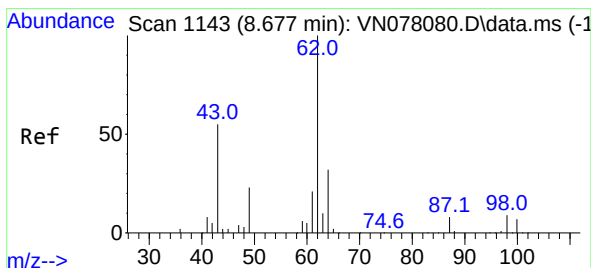
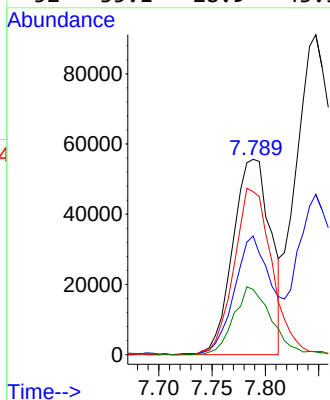
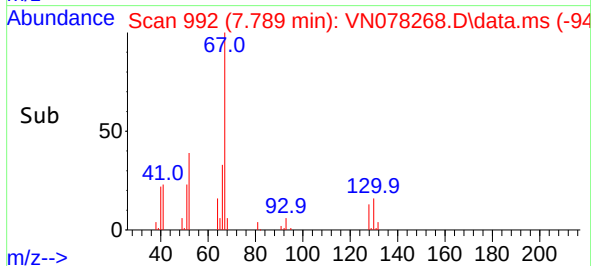
Tgt Ion: 41 Resp: 137754
Ion Ratio Lower Upper
41 100
39 61.3 42.6 64.0
67 85.7 77.5 116.3
52 35.1 28.9 43.3

Manual Integrations

APPROVED

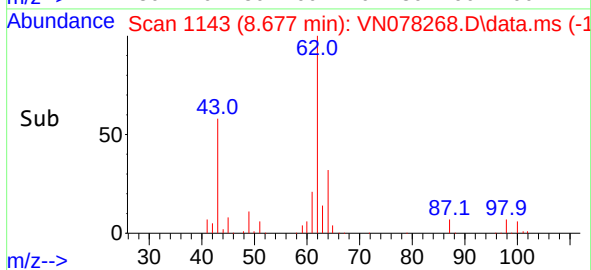
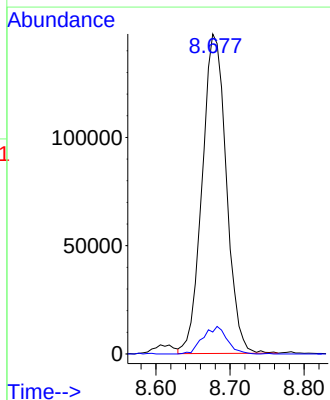
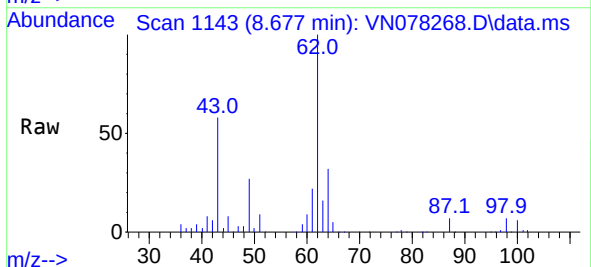
Reviewed By :John Carlone 06/19/2023

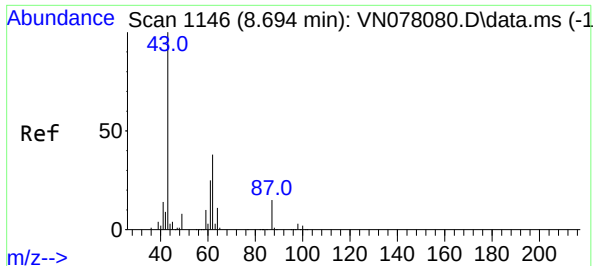
Supervised By :Mahesh Dadoda 06/19/2023



#42
1,2-Dichloroethane
Concen: 49.292 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

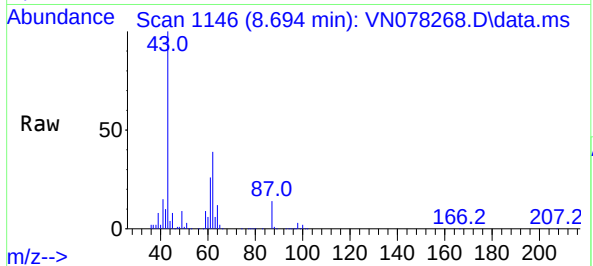
Tgt Ion: 62 Resp: 333744
Ion Ratio Lower Upper
62 100
98 8.6 0.0 19.8





#43
Isopropyl Acetate
Concen: 53.339 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

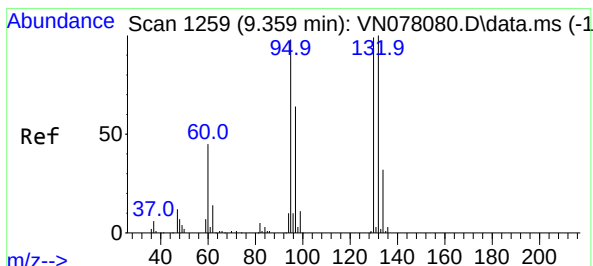
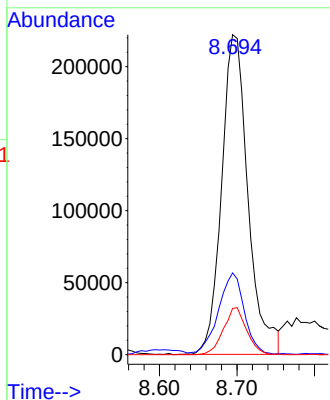
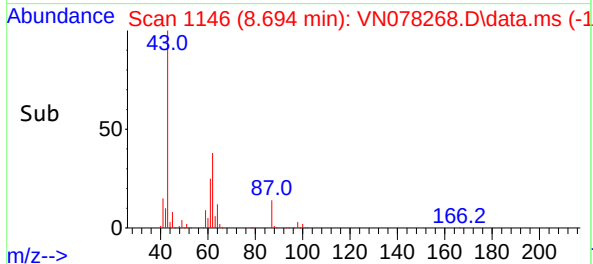
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 527110
Ion Ratio Lower Upper
43 100
61 24.8 24.7 37.1
87 12.9 14.6 21.8

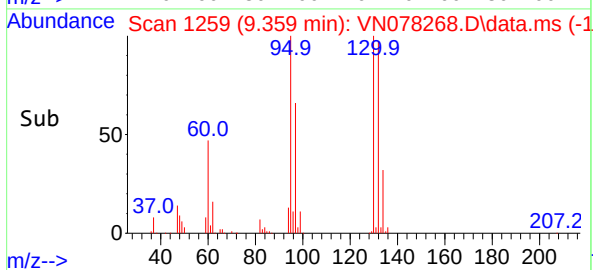
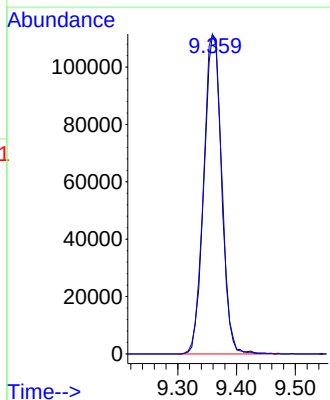
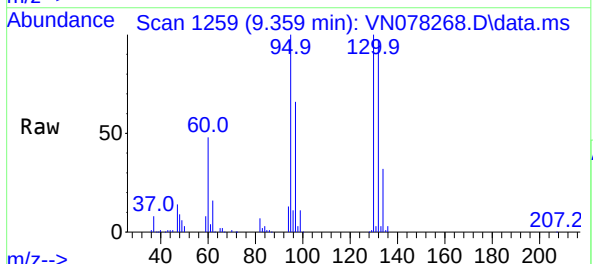
Manual Integrations
APPROVED

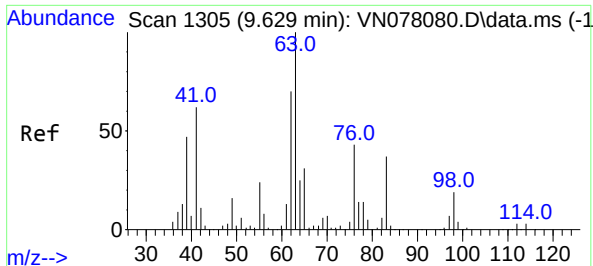
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#44
Trichloroethene
Concen: 44.584 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion:130 Resp: 232508
Ion Ratio Lower Upper
130 100
95 100.3 0.0 204.6





#45
1,2-Dichloropropane
Concen: 50.524 ug/l
RT: 9.630 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

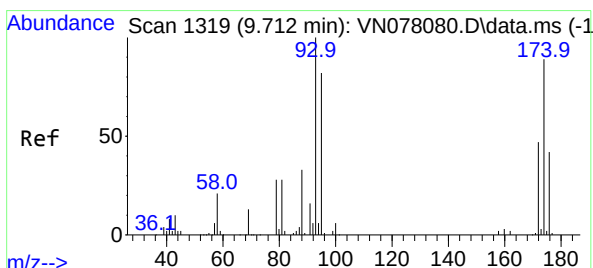
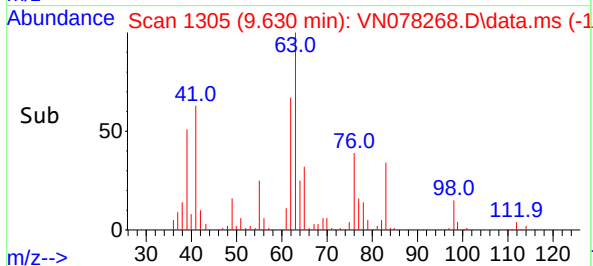
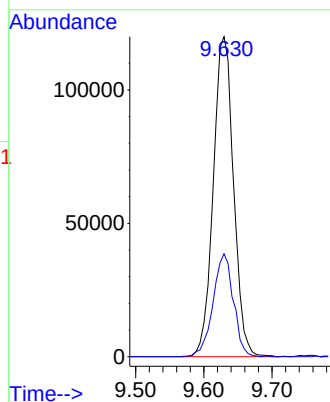
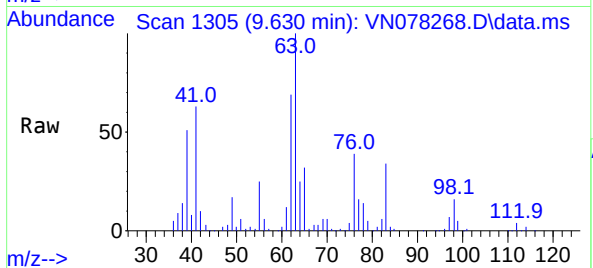
Tgt Ion: 63 Resp: 24823
Ion Ratio Lower Upper
63 100
65 32.2 23.9 35.9

Manual Integrations

APPROVED

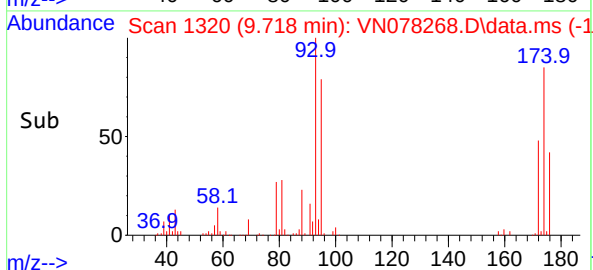
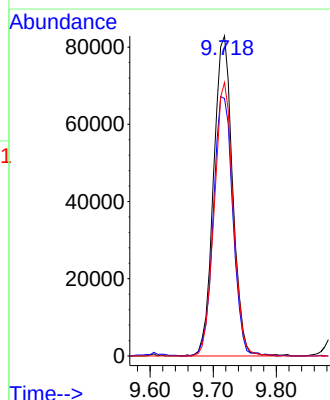
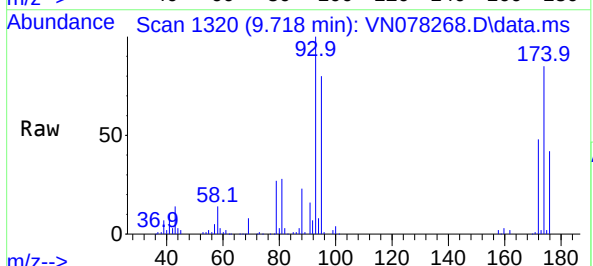
Reviewed By :John Carlone 06/19/2023

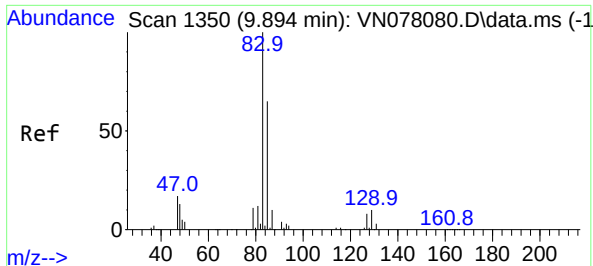
Supervised By :Mahesh Dadoda 06/19/2023



#46
Dibromomethane
Concen: 47.721 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion: 93 Resp: 172697
Ion Ratio Lower Upper
93 100
95 83.1 63.8 95.8
174 84.7 65.6 98.4





#47
Bromodichloromethane
Concen: 52.490 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

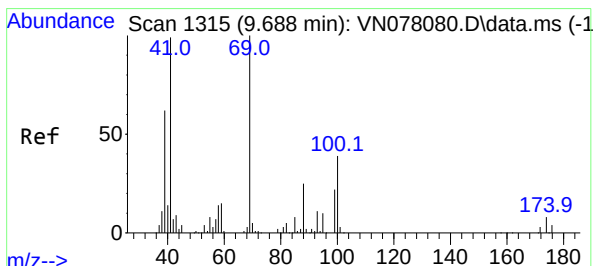
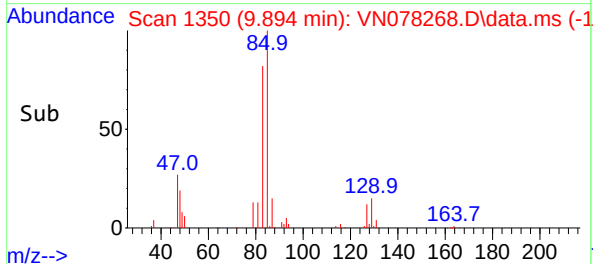
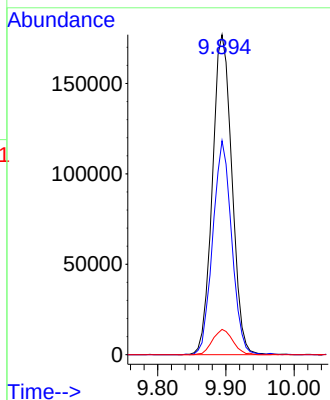
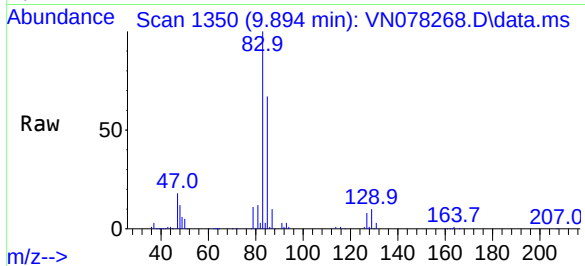
VSTDCCC050EC

Tgt Ion: 83 Resp: 352846
Ion Ratio Lower Upper
83 100
85 66.8 49.6 74.4
127 7.9 7.0 10.6

Manual Integrations

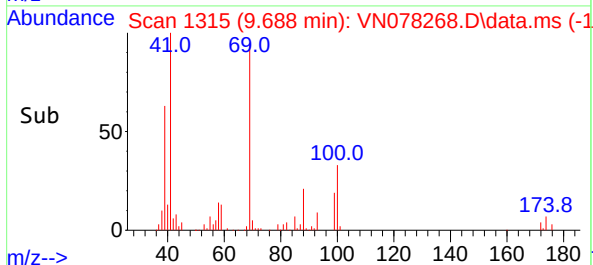
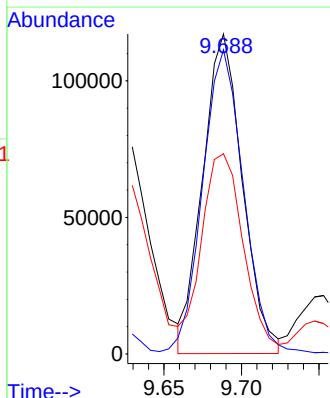
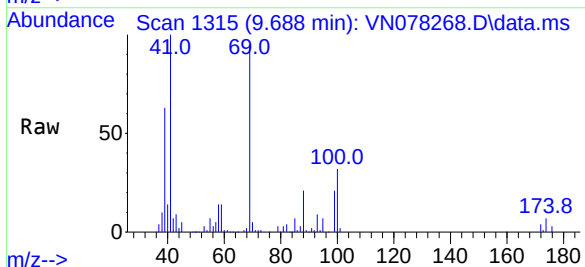
APPROVED

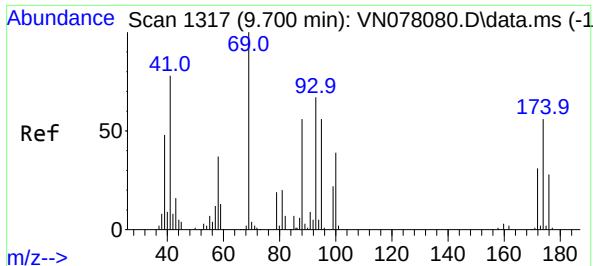
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#48
Methyl methacrylate
Concen: 50.262 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

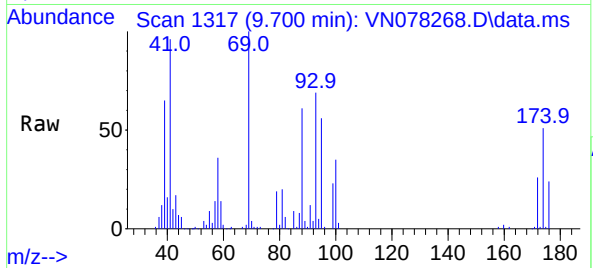
Tgt Ion: 41 Resp: 208446
Ion Ratio Lower Upper
41 100
69 97.8 90.4 135.6
39 66.1 54.6 81.8





#49
1,4-Dioxane
Concen: 966.087 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

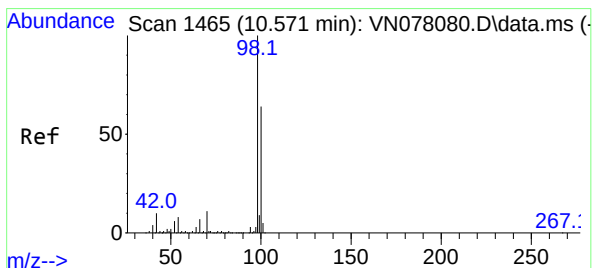
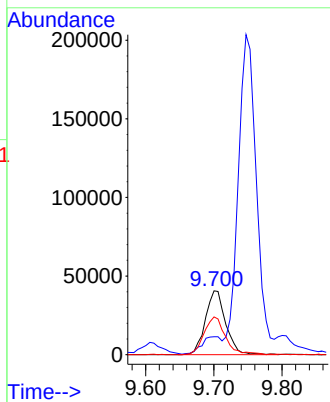
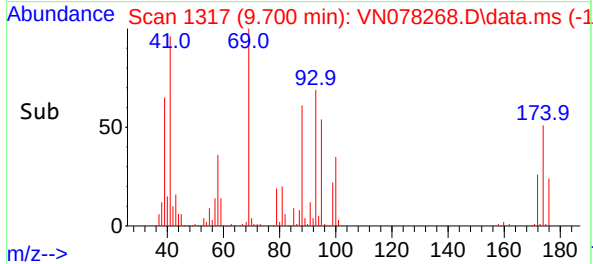
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



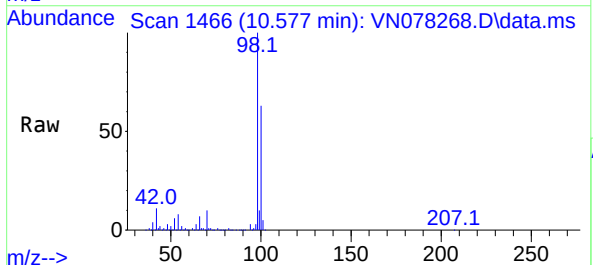
Tgt Ion: 88 Resp: 84208
Ion Ratio Lower Upper
88 100
43 26.8 17.0 25.6
58 62.4 47.0 70.4

Manual Integrations
APPROVED

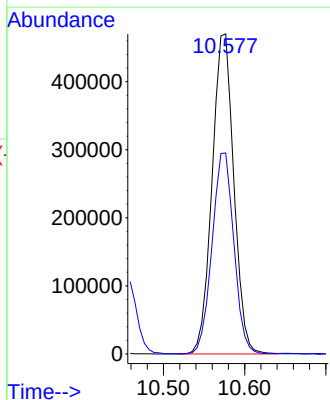
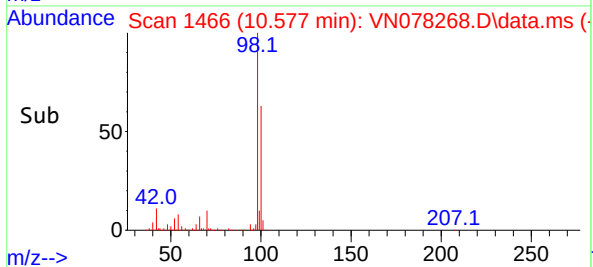
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

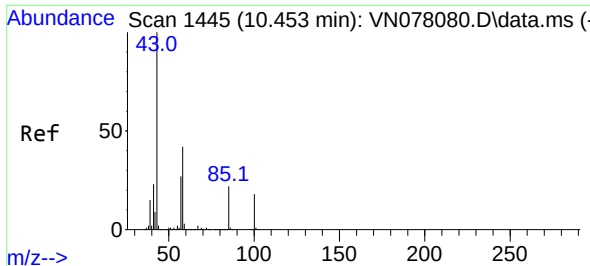


#50
Toluene-d8
Concen: 49.247 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29



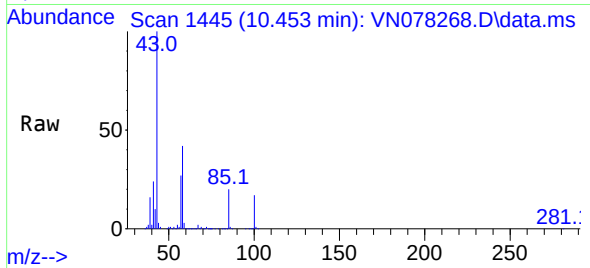
Tgt Ion: 98 Resp: 875498
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 265.714 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

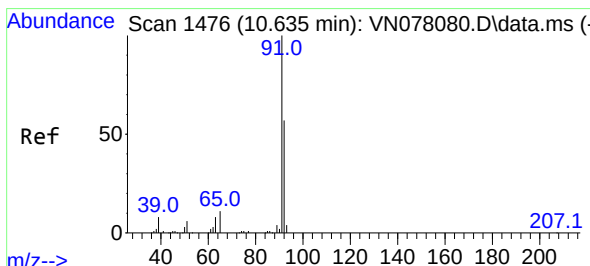
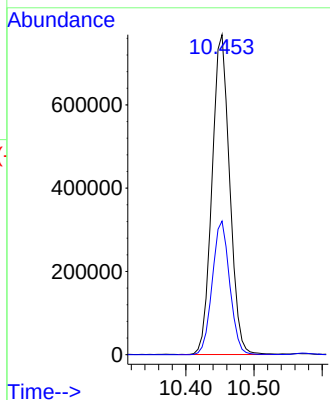
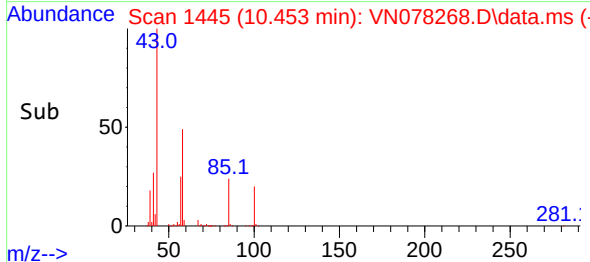
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



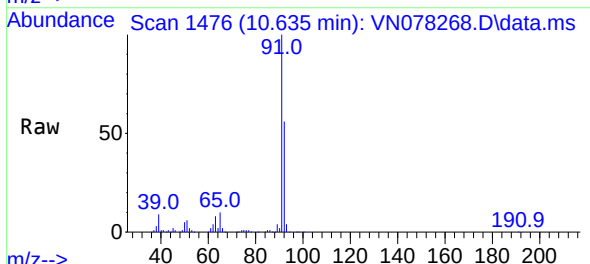
Tgt Ion: 43 Resp: 1382745
Ion Ratio Lower Upper
43 100
58 41.4 36.6 54.8

Manual Integrations
APPROVED

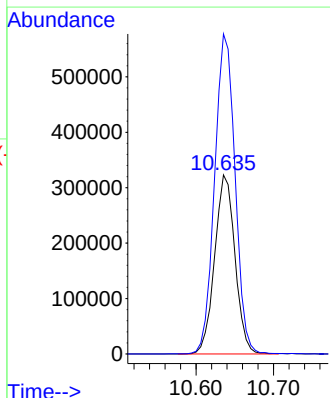
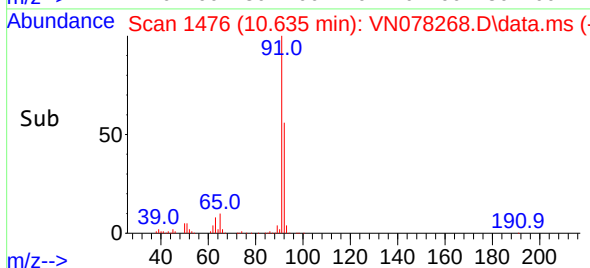
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

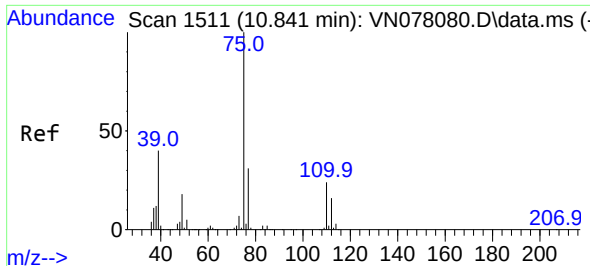


#52
Toluene
Concen: 47.233 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29



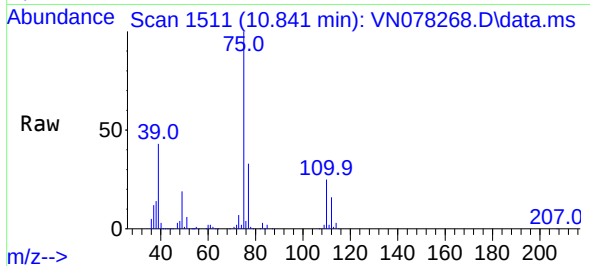
Tgt Ion: 92 Resp: 588892
Ion Ratio Lower Upper
92 100
91 180.0 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 51.396 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

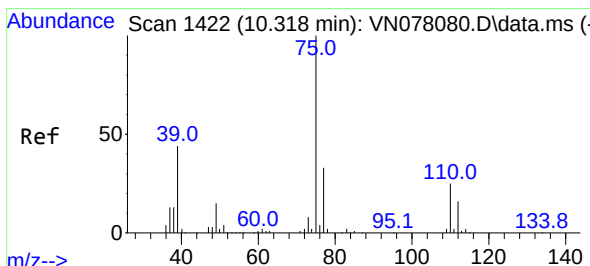
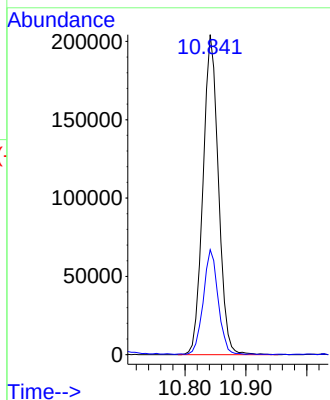
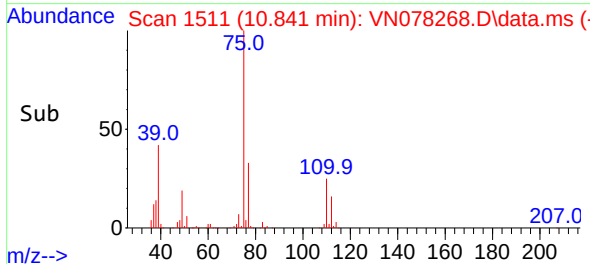
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



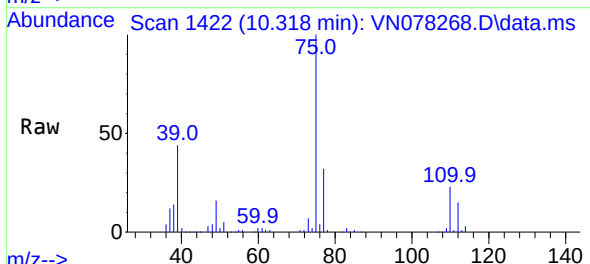
Tgt Ion: 75 Resp: 359812
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0

Manual Integrations
APPROVED

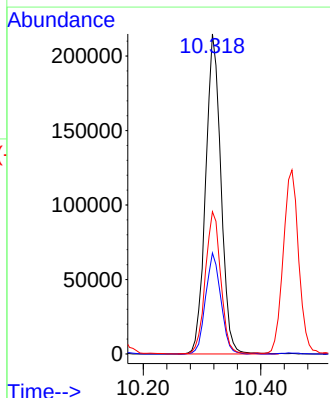
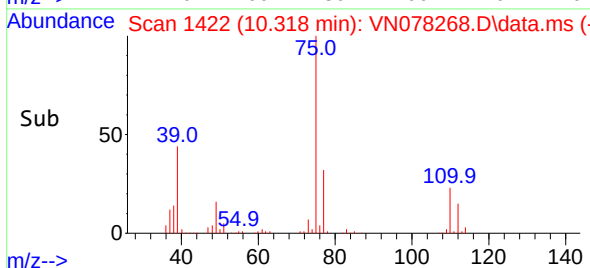
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

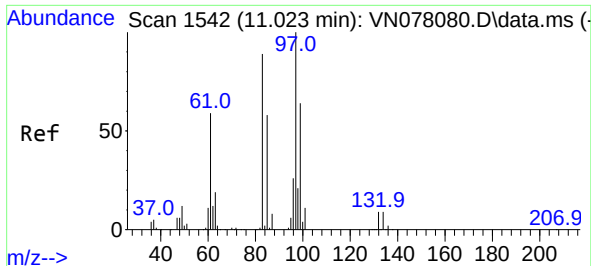


#54
cis-1,3-Dichloropropene
Concen: 50.282 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29



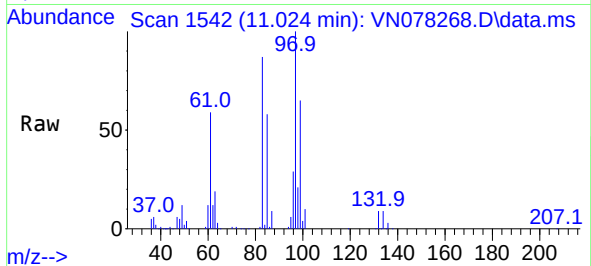
Tgt Ion: 75 Resp: 389122
Ion Ratio Lower Upper
75 100
77 31.6 26.1 39.1
39 44.5 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 50.253 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

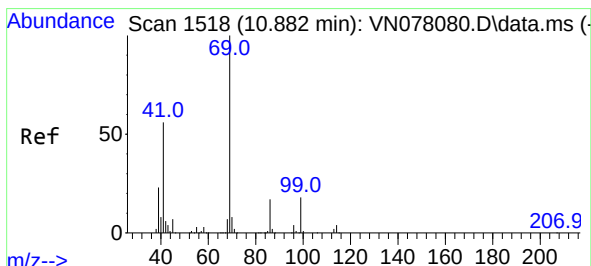
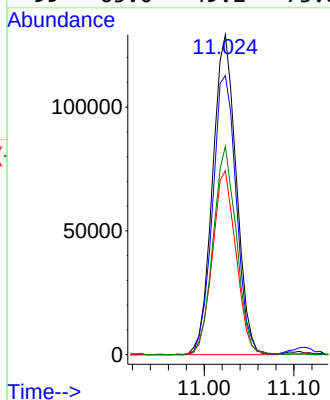
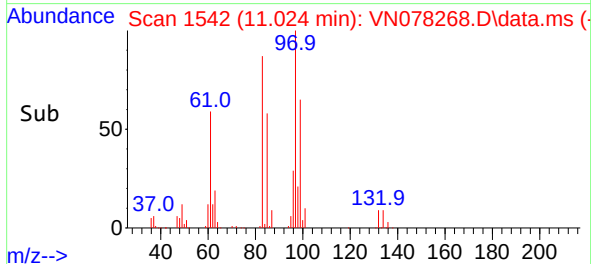
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



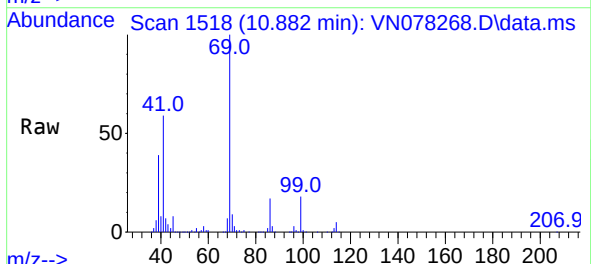
Tgt Ion: 97 Resp: 237018
Ion Ratio Lower Upper
97 100
83 87.1 65.1 97.7
85 57.5 43.4 65.2
99 65.0 49.2 73.8

Manual Integrations
APPROVED

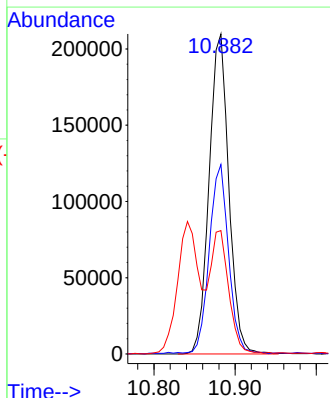
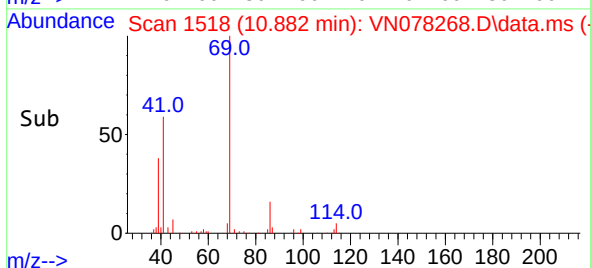
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

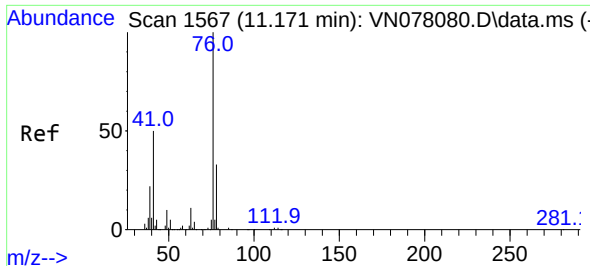


#56
Ethyl methacrylate
Concen: 51.452 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29



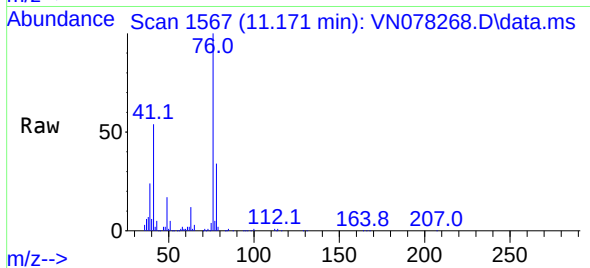
Tgt Ion: 69 Resp: 353348
Ion Ratio Lower Upper
69 100
41 57.8 39.6 59.4
39 33.8 28.6 43.0





#57
1,3-Dichloropropane
Concen: 51.012 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

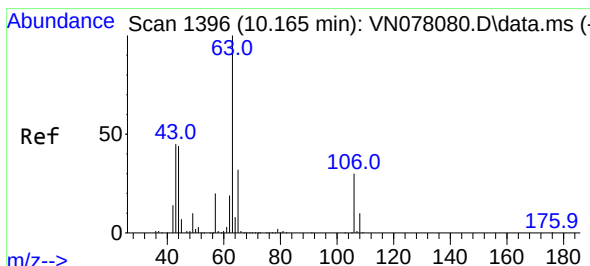
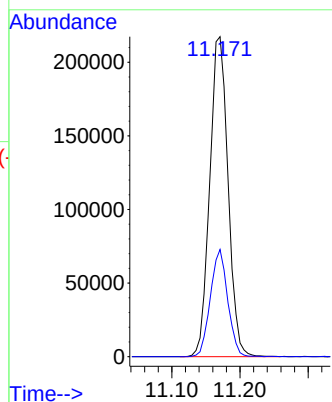
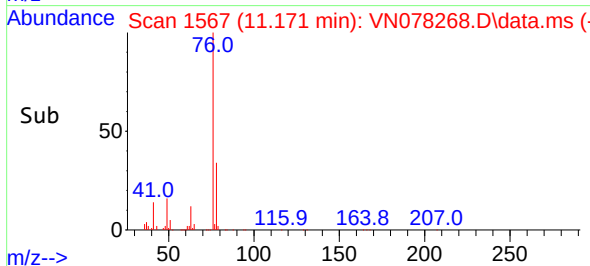
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



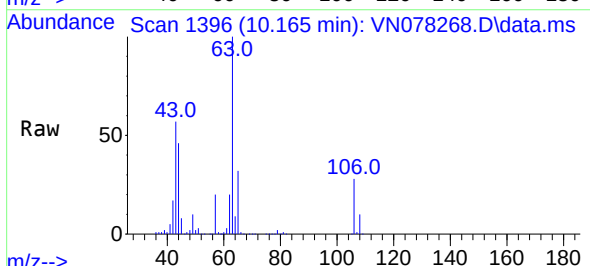
Tgt Ion: 76 Resp: 406110
Ion Ratio Lower Upper
76 100
78 31.7 26.1 39.1

Manual Integrations
APPROVED

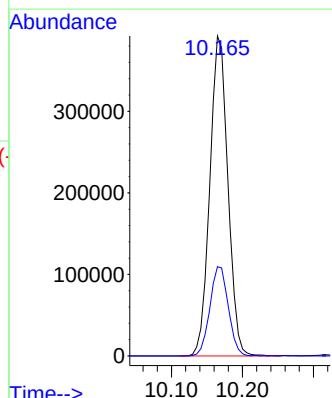
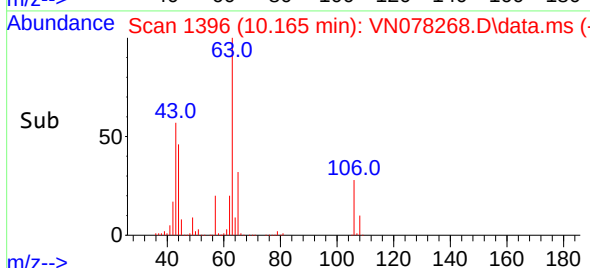
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

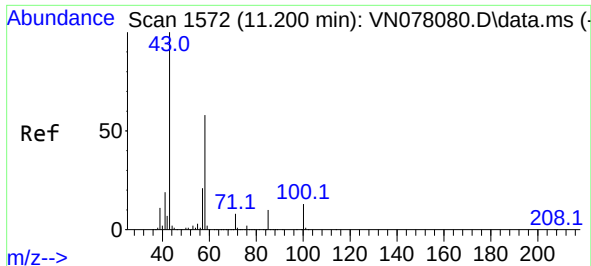


#58
2-Chloroethyl Vinyl ether
Concen: 249.794 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29



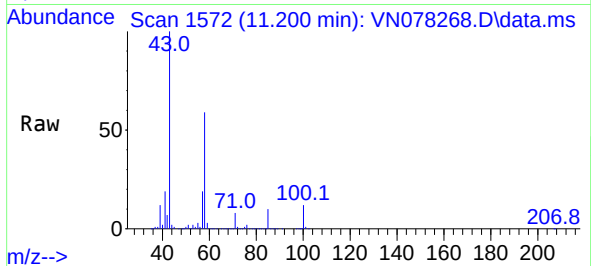
Tgt Ion: 63 Resp: 693002
Ion Ratio Lower Upper
63 100
106 28.5 26.2 39.4





#59
2-Hexanone
Concen: 270.942 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

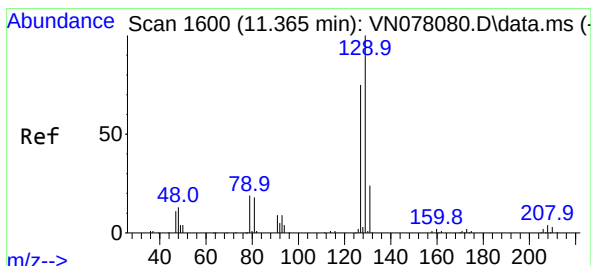
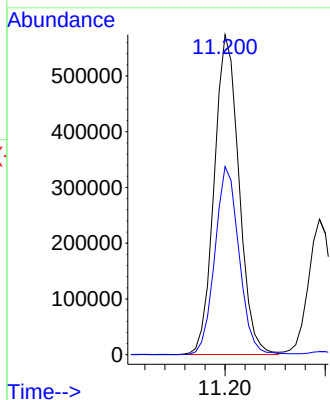
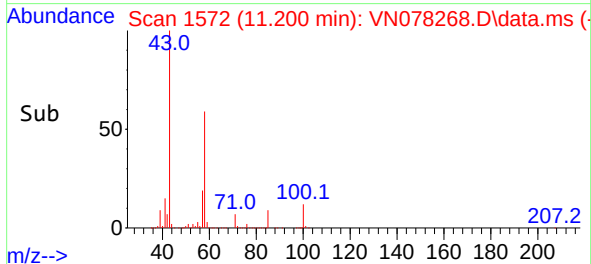
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



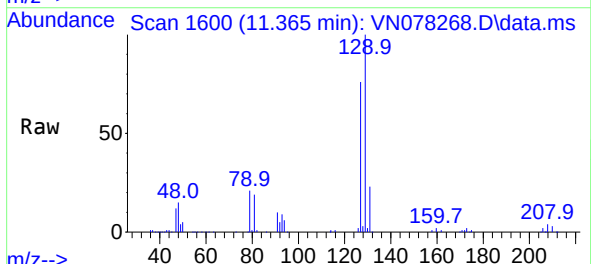
Tgt Ion: 43 Resp: 981730
Ion Ratio Lower Upper
43 100
58 57.5 31.7 95.1

Manual Integrations
APPROVED

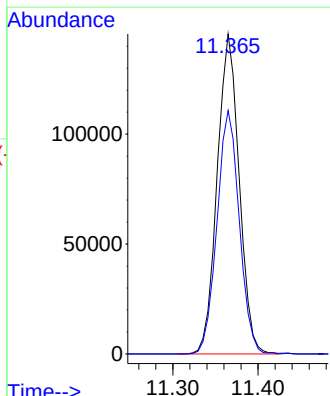
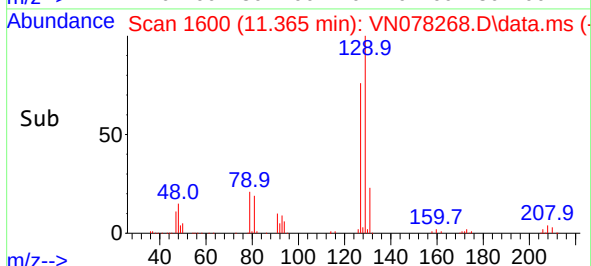
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

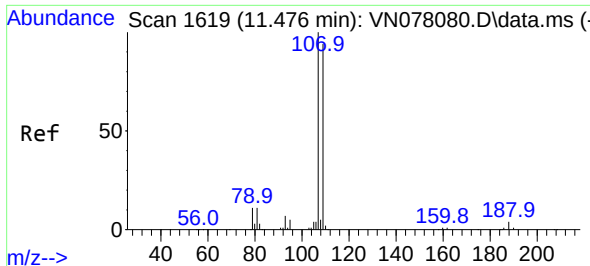


#60
Dibromochloromethane
Concen: 50.554 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29



Tgt Ion:129 Resp: 260914
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.200 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

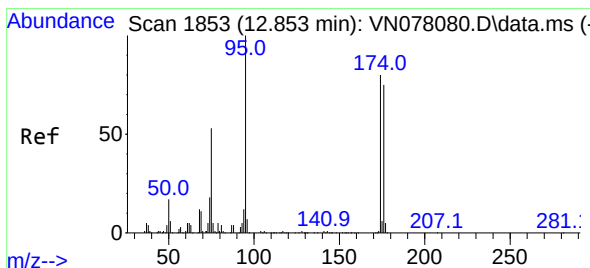
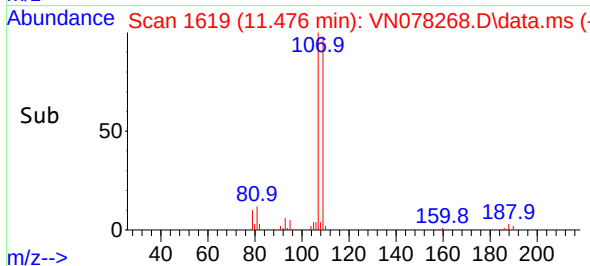
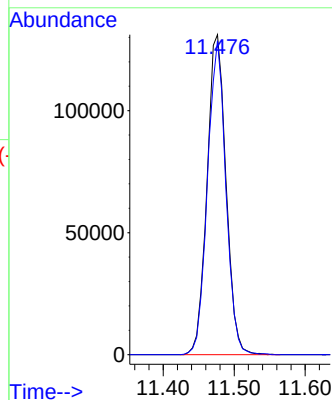
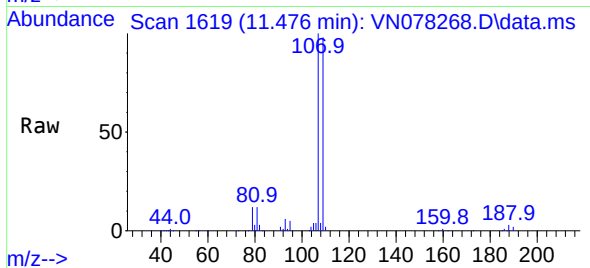
VSTDCCC050EC

Tgt Ion:107 Resp: 243519
Ion Ratio Lower Upper
107 100
109 95.0 76.6 114.8

Manual Integrations

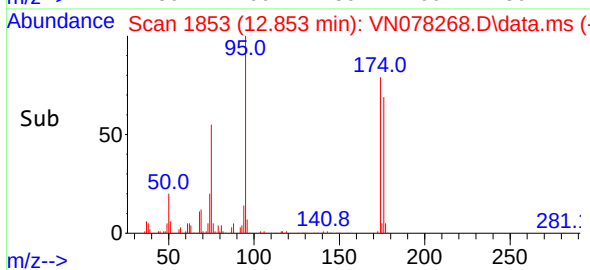
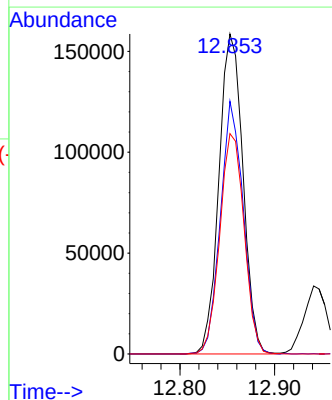
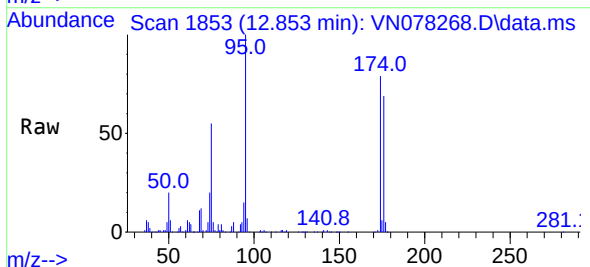
APPROVED

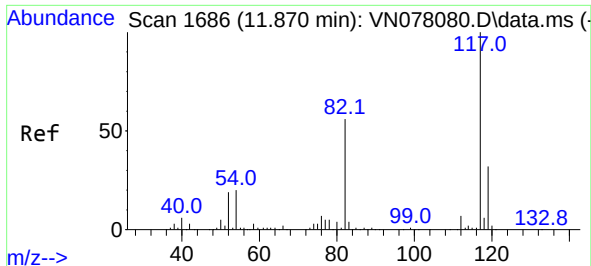
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#62
4-Bromofluorobenzene
Concen: 50.541 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

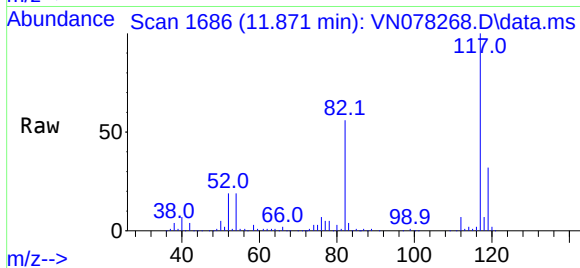
Tgt Ion: 95 Resp: 279320
Ion Ratio Lower Upper
95 100
174 75.1 0.0 143.8
176 69.8 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

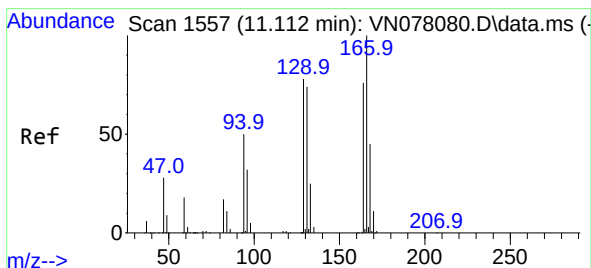
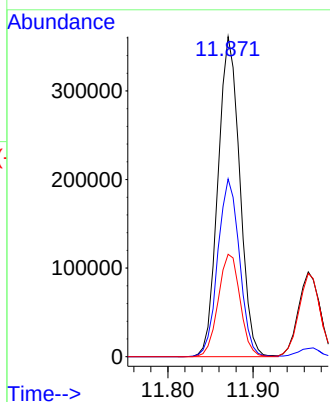
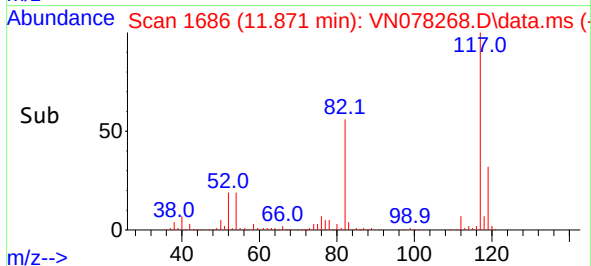
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 641120
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 32.0 25.6 38.4

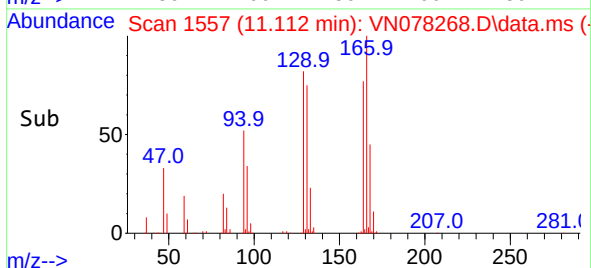
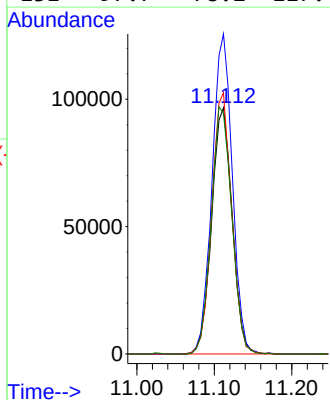
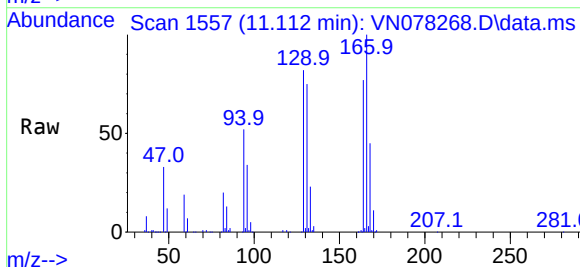
Manual Integrations
APPROVED

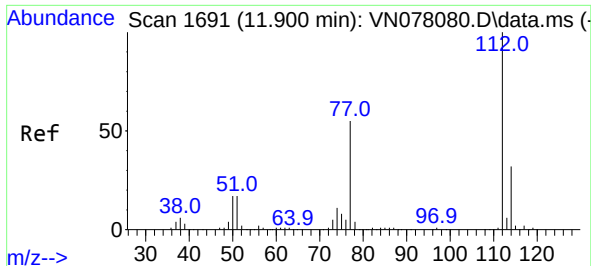
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#64
Tetrachloroethene
Concen: 41.790 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion:164 Resp: 178744
Ion Ratio Lower Upper
164 100
166 130.0 101.4 152.0
129 106.1 82.4 123.6
131 97.7 78.2 117.4





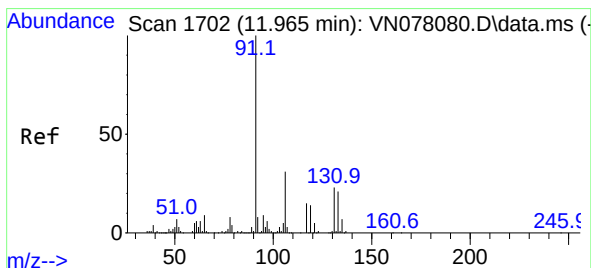
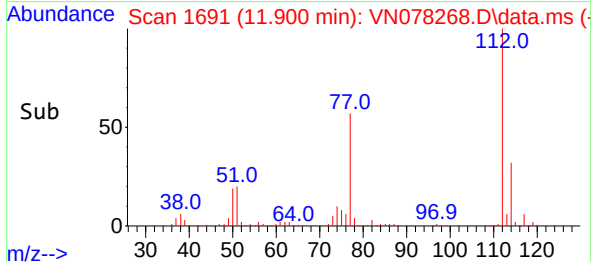
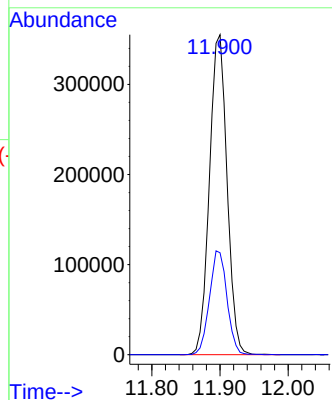
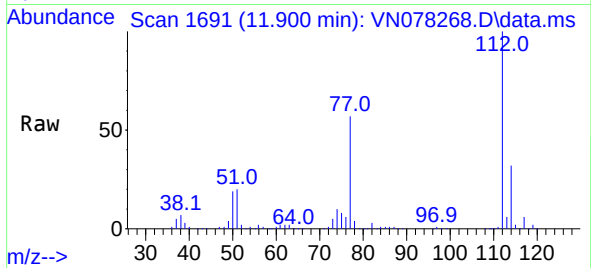
#65
Chlorobenzene
Concen: 46.448 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 637729
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.4

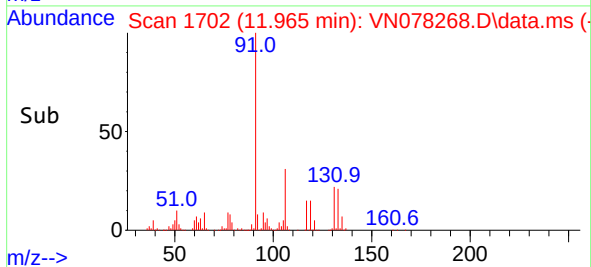
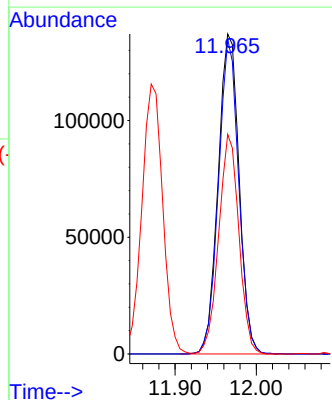
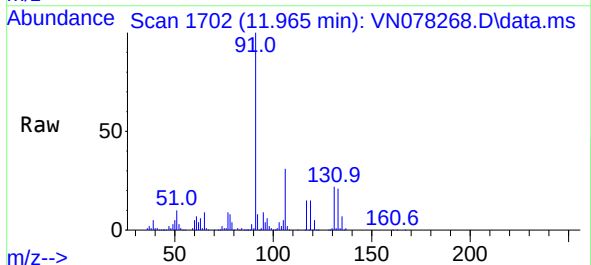
Manual Integrations
APPROVED

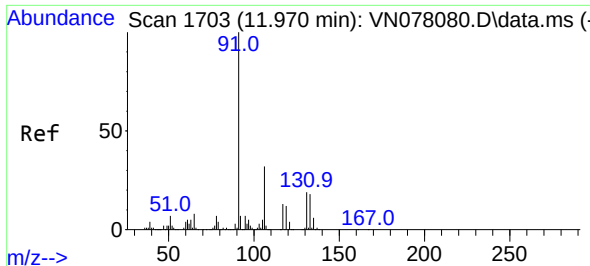
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 48.611 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion:131 Resp: 245479
Ion Ratio Lower Upper
131 100
133 95.0 46.4 139.1
119 66.3 34.1 102.2





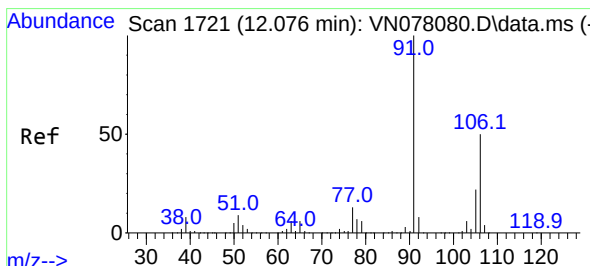
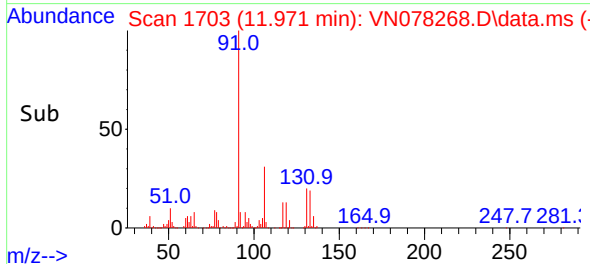
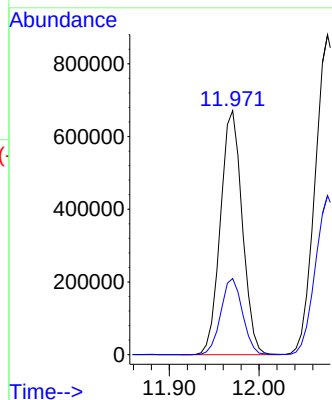
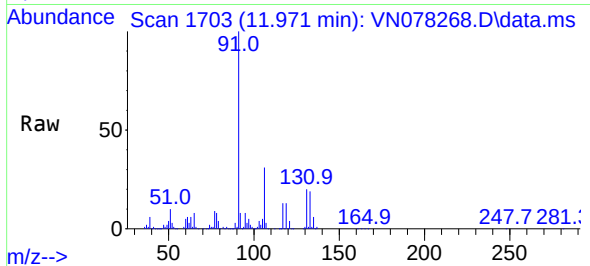
#67
Ethyl Benzene
Concen: 47.906 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 113494
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4

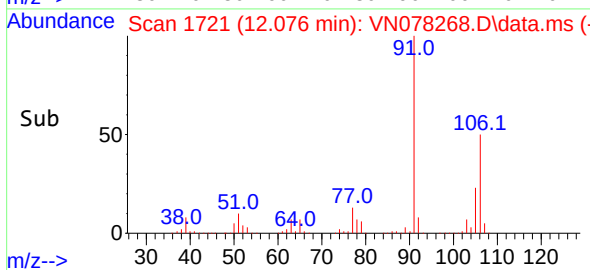
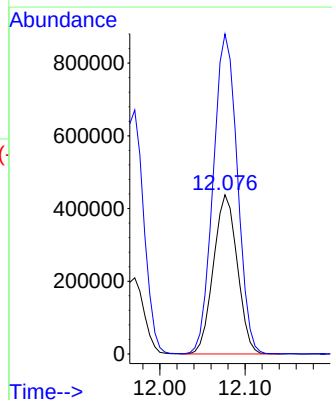
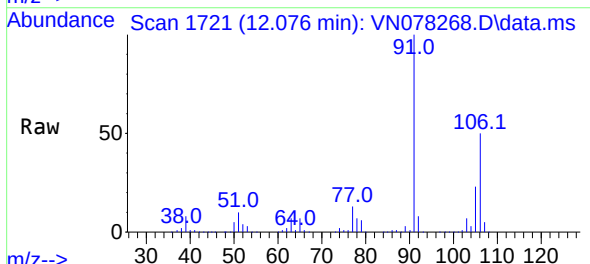
Manual Integrations
APPROVED

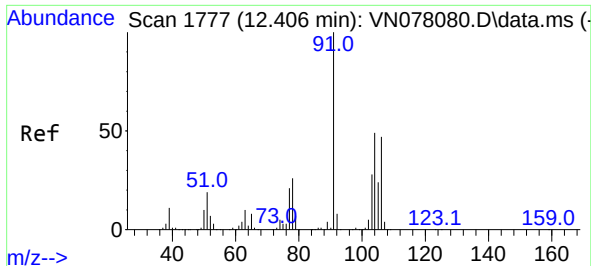
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#68
m/p-Xylenes
Concen: 94.254 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

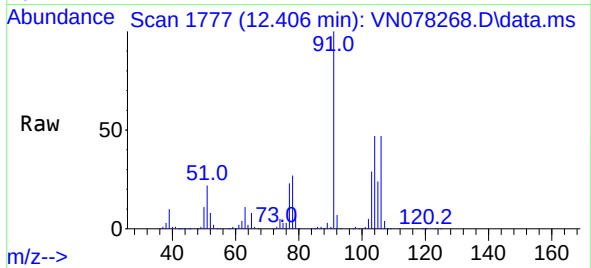
Tgt Ion:106 Resp: 850990
Ion Ratio Lower Upper
106 100
91 203.7 159.6 239.4





#69
o-Xylene
Concen: 47.157 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

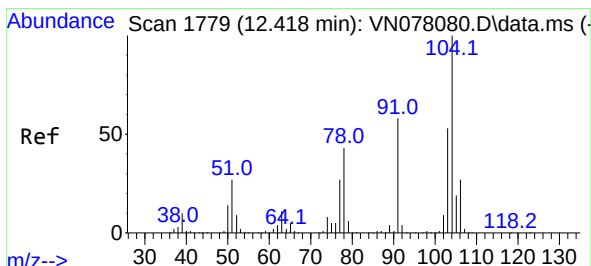
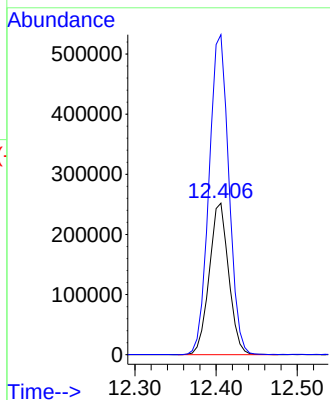
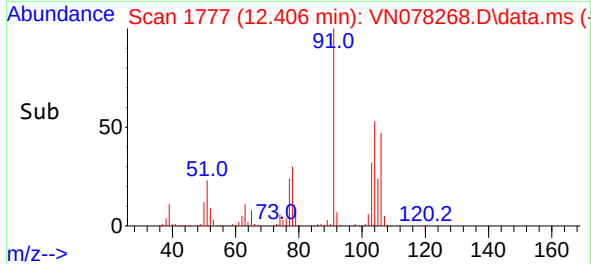
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 418109
Ion Ratio Lower Upper
106 100
91 215.9 105.2 315.5

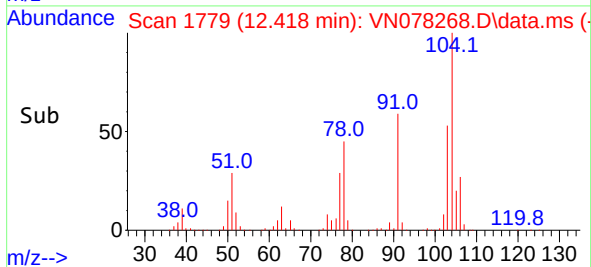
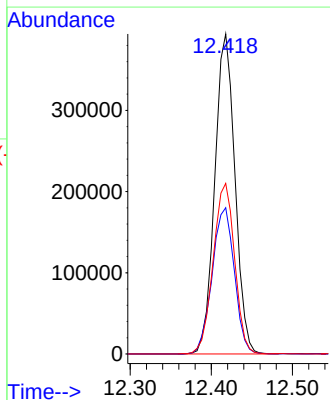
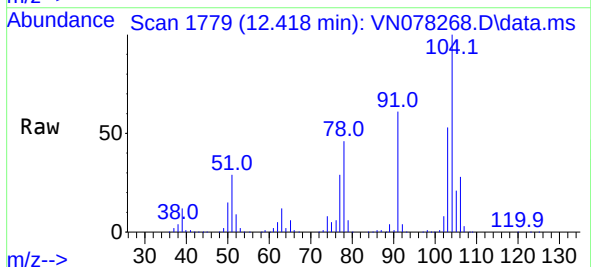
Manual Integrations
APPROVED

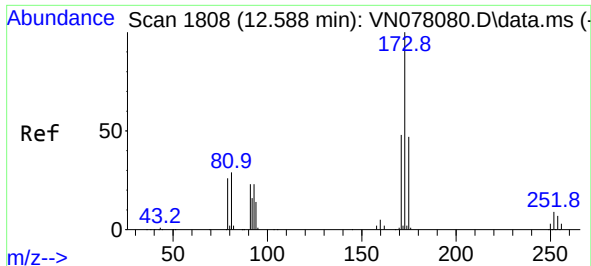
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#70
Styrene
Concen: 48.883 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

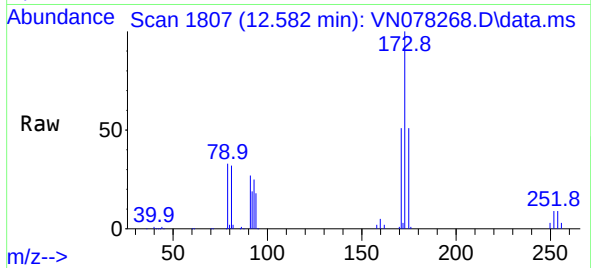
Tgt Ion:104 Resp: 682323
Ion Ratio Lower Upper
104 100
78 50.2 39.5 59.3
103 56.7 43.2 64.8





#71
Bromoform
Concen: 51.654 ug/l
RT: 12.582 min Scan# 1808
Delta R.T. -0.006 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

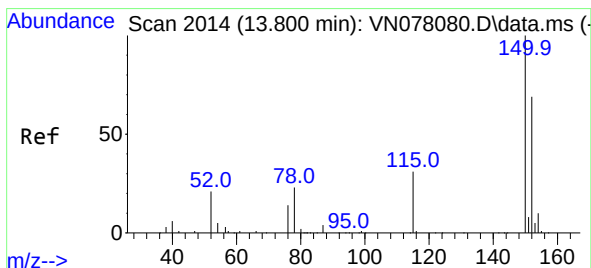
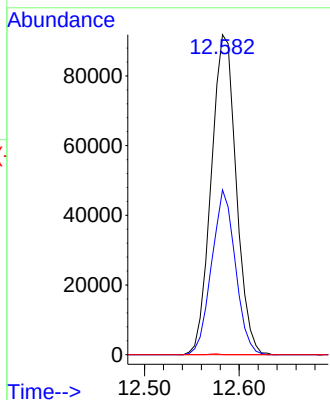
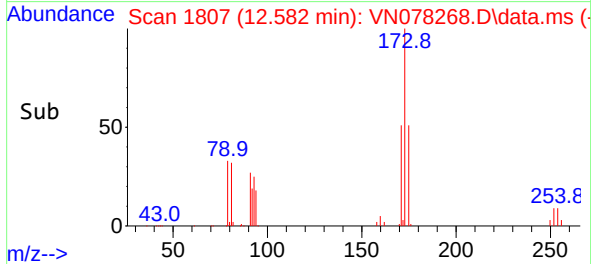
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



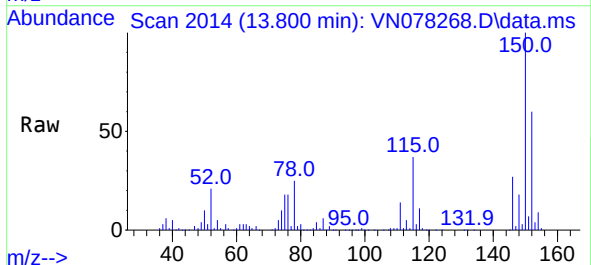
Tgt Ion:173 Resp: 168330
Ion Ratio Lower Upper
173 100
175 48.8 24.3 73.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

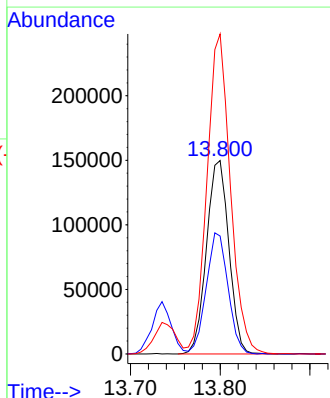
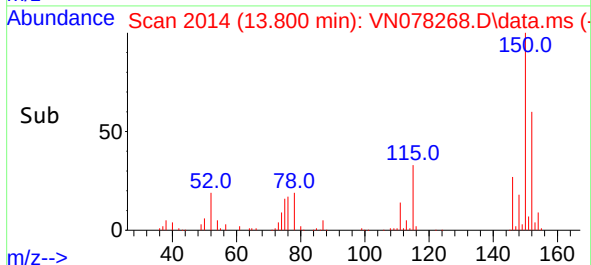
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

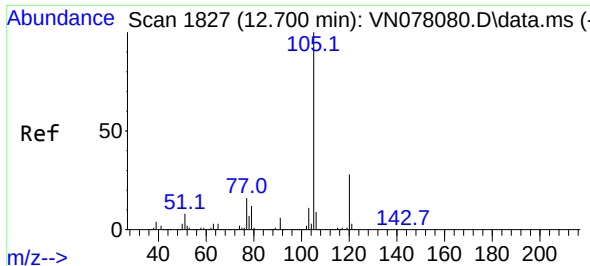


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29



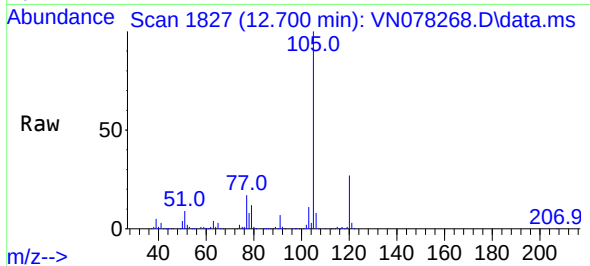
Tgt Ion:152 Resp: 259313
Ion Ratio Lower Upper
152 100
115 61.0 32.3 96.8
150 173.0 0.0 355.8





#73
Isopropylbenzene
Concen: 42.198 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

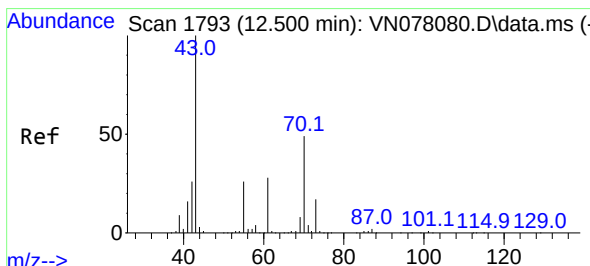
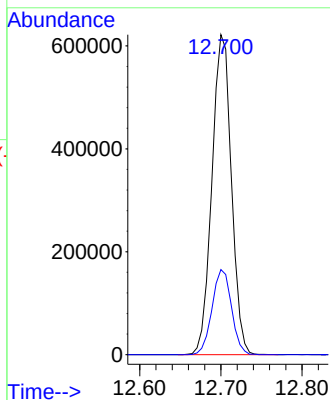
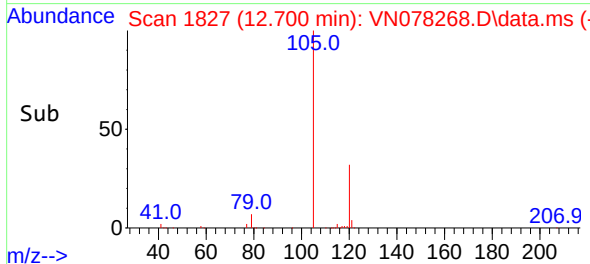
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



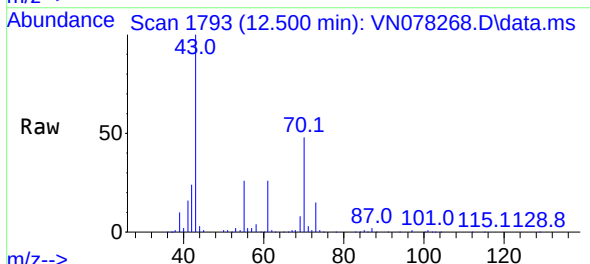
Tgt Ion:105 Resp: 1034758
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1

Manual Integrations
APPROVED

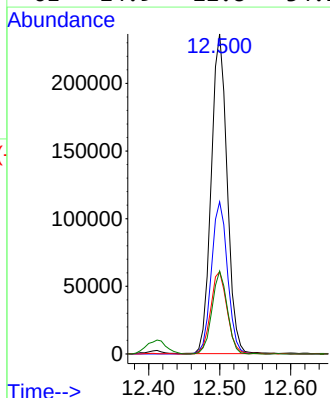
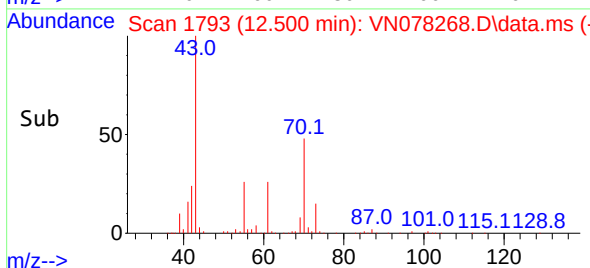
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

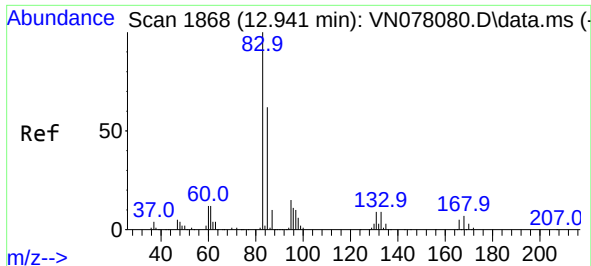


#74
N-ethyl acetate
Concen: 45.422 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29



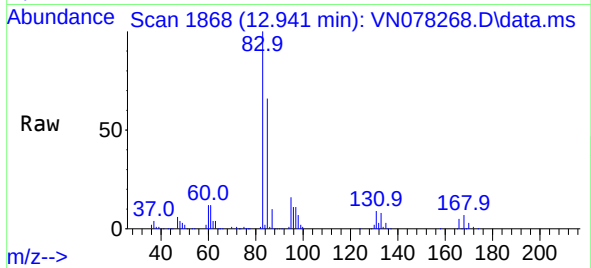
Tgt Ion: 43 Resp: 366786
Ion Ratio Lower Upper
43 100
70 48.3 43.4 65.2
55 26.7 21.4 32.0
61 24.9 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 52.505 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

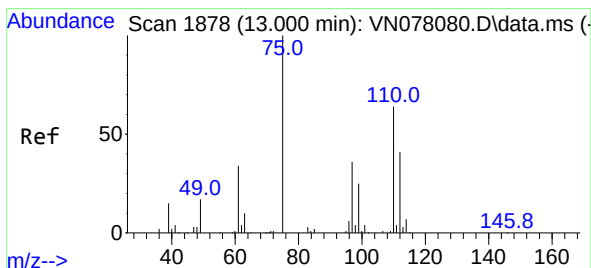
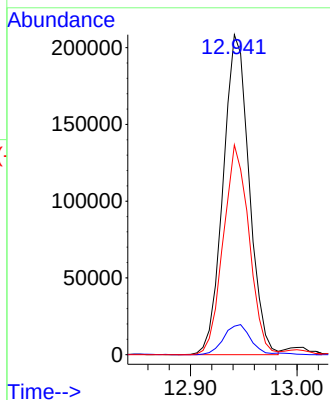
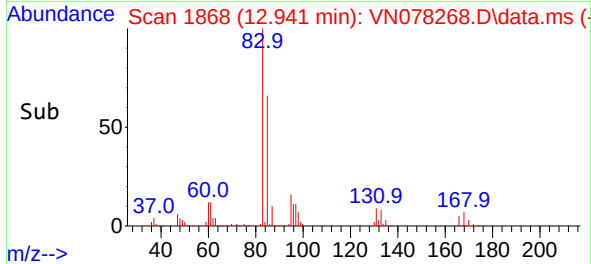
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



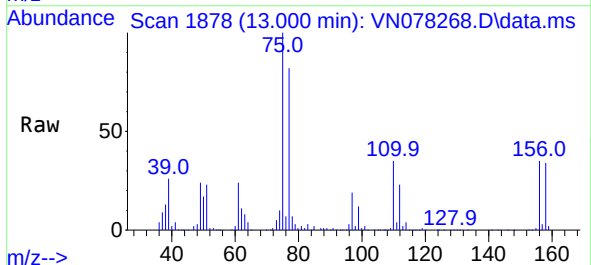
Tgt Ion: 83 Resp: 353280
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 65.1 31.9 95.7

Manual Integrations
APPROVED

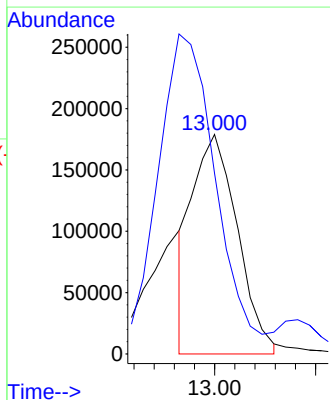
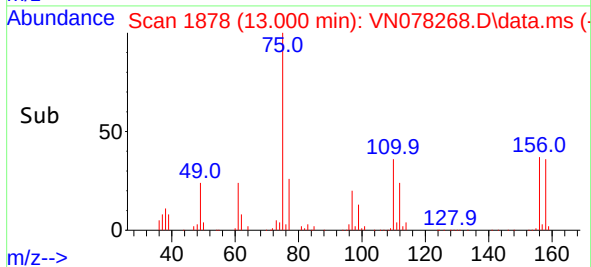
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

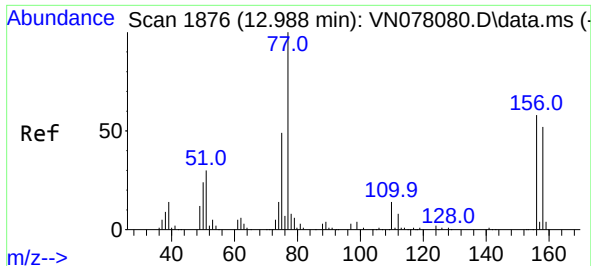


#76
1,2,3-Trichloropropane
Concen: 45.199 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29



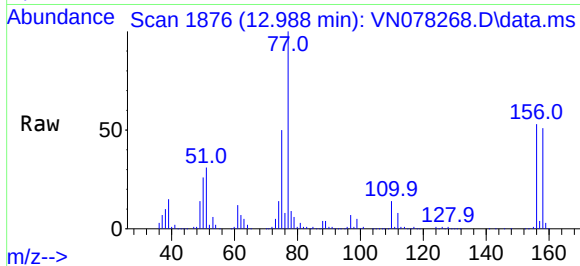
Tgt Ion: 75 Resp: 277080
Ion Ratio Lower Upper
75 100
77 188.8 84.5 253.5





#77
Bromobenzene
Concen: 42.273 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

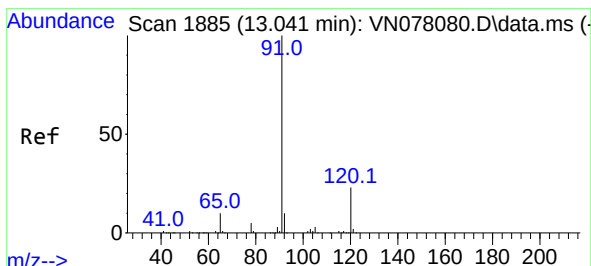
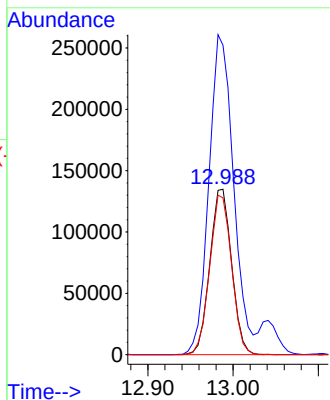
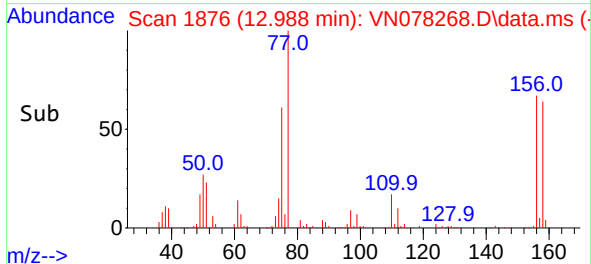
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



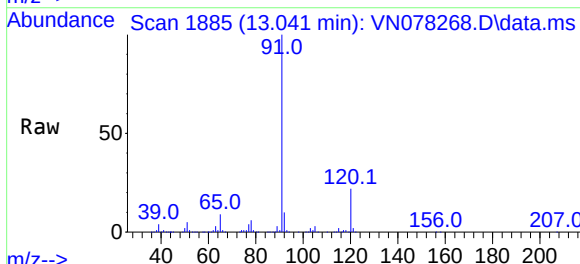
Tgt Ion:156 Resp: 240633
Ion Ratio Lower Upper
156 100
77 217.4 107.7 323.3
158 96.2 48.4 145.3

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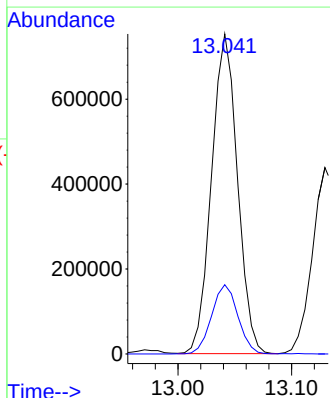
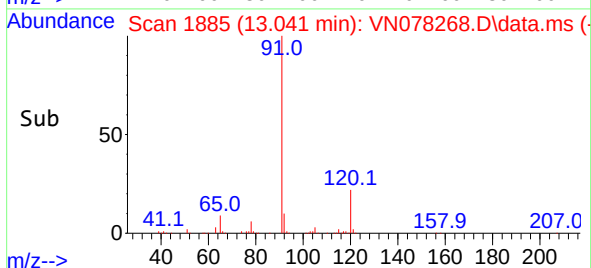
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

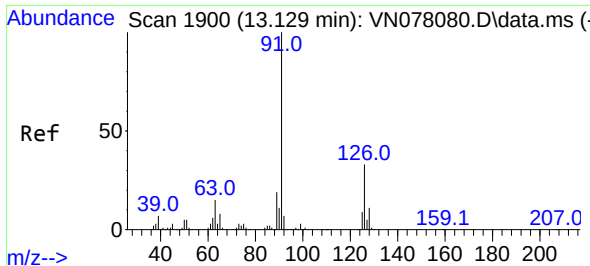


#78
n-propylbenzene
Concen: 44.778 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29



Tgt Ion: 91 Resp: 1192964
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.4





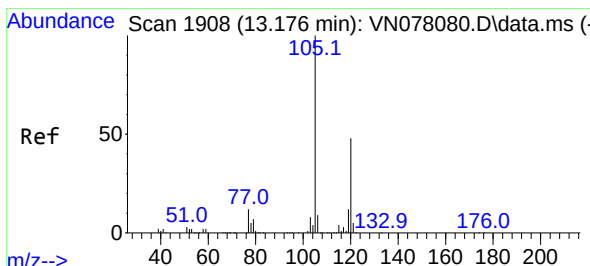
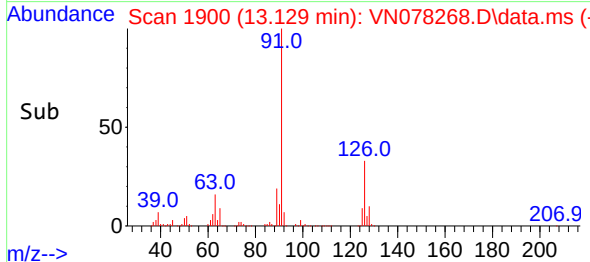
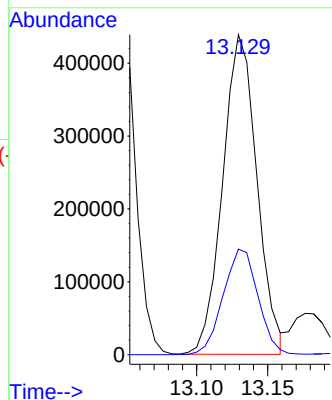
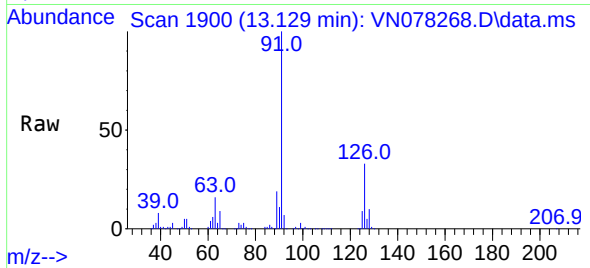
#79
2-Chlorotoluene
Concen: 42.810 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 73621
Ion Ratio Lower Upper
91 100
126 33.7 16.3 48.8

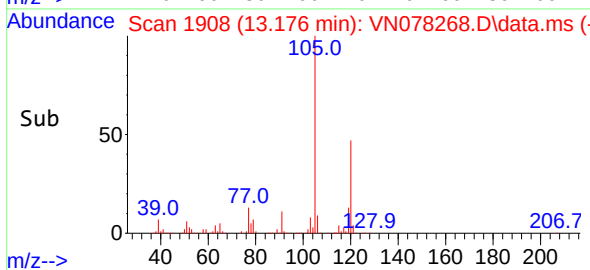
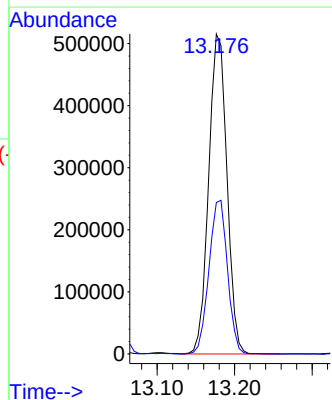
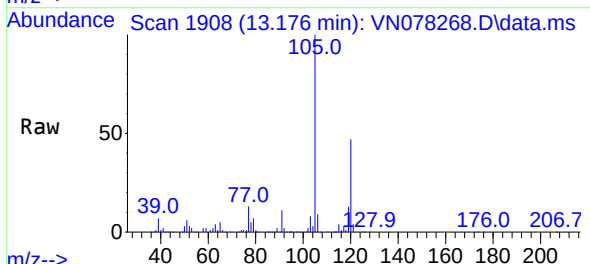
Manual Integrations
APPROVED

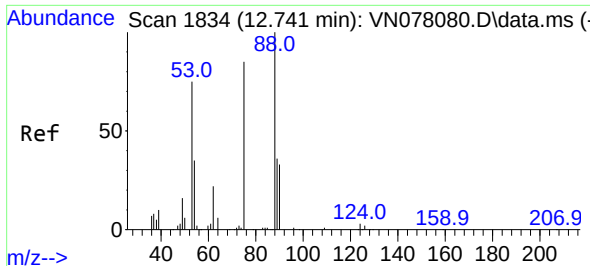
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#80
1,3,5-Trimethylbenzene
Concen: 42.457 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

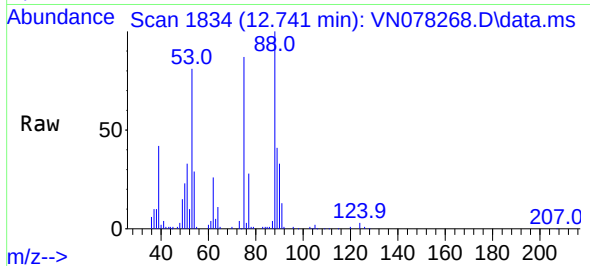
Tgt Ion:105 Resp: 842906
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 49.451 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

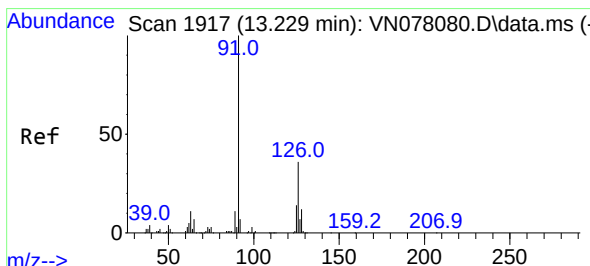
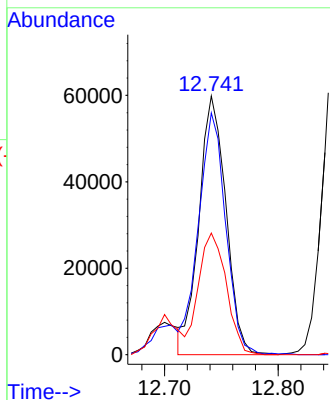
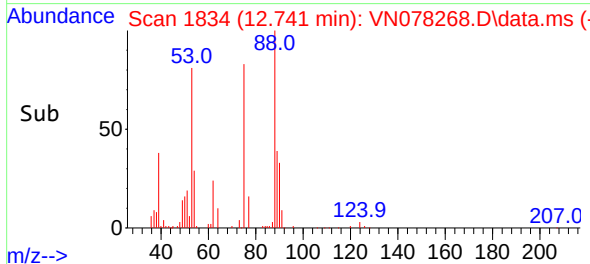
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 9867
Ion Ratio Lower Upper
75 100
53 106.0 67.4 101.2
89 48.3 38.8 58.2

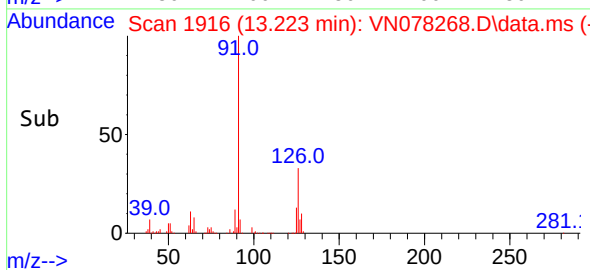
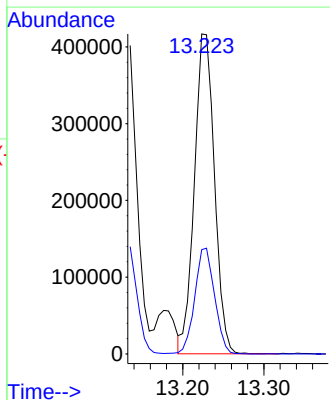
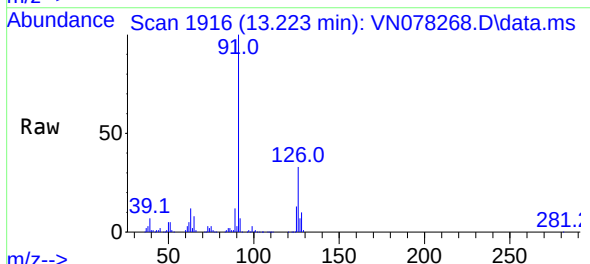
Manual Integrations
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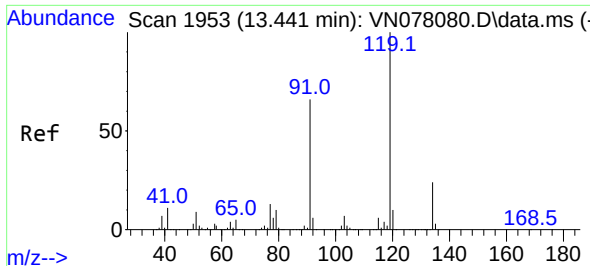
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#82
4-Chlorotoluene
Concen: 44.590 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion: 91 Resp: 715685
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.0





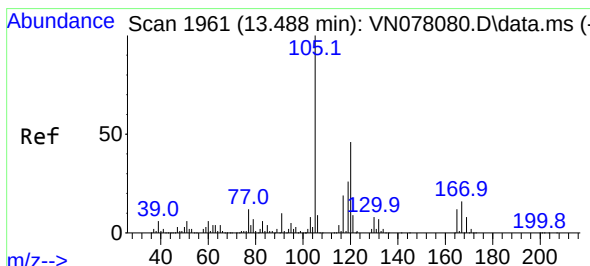
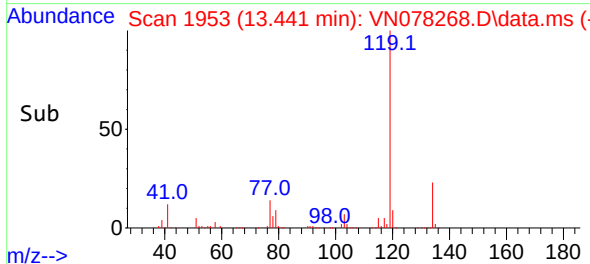
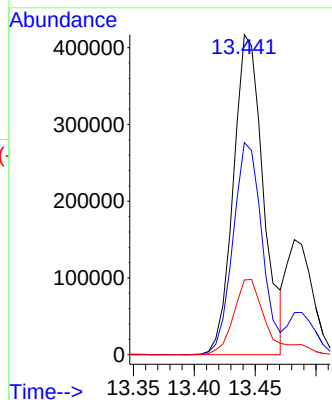
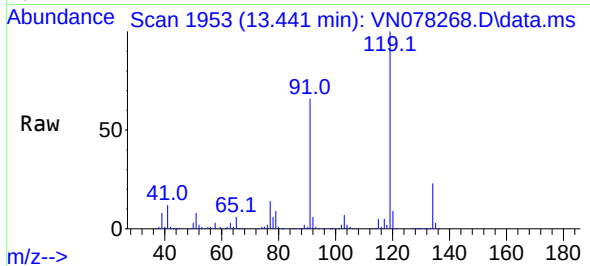
#83
tert-Butylbenzene
Concen: 41.265 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 71213
Ion Ratio Lower Upper
119 100
91 64.5 33.9 101.7
134 26.0 13.2 39.6

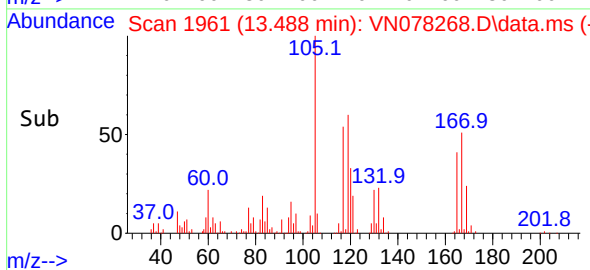
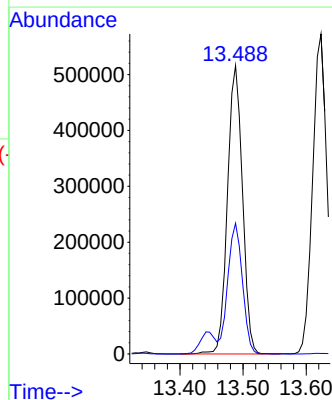
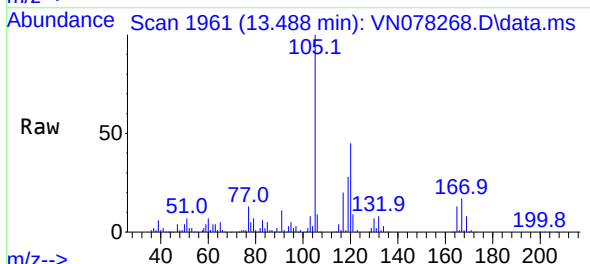
Manual Integrations
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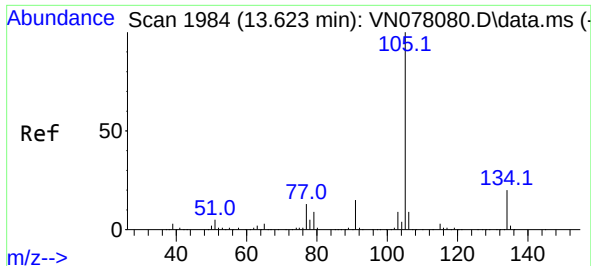
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#84
1,2,4-Trimethylbenzene
Concen: 44.220 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

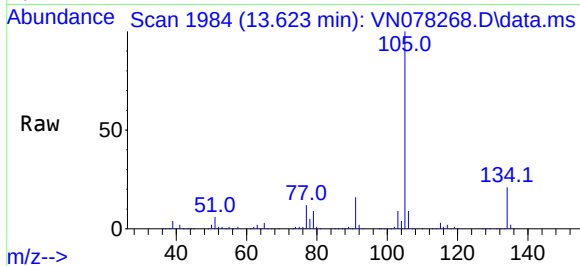
Tgt Ion:105 Resp: 851148
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 40.243 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078268.D
 Acq: 16 Jun 2023 18:29

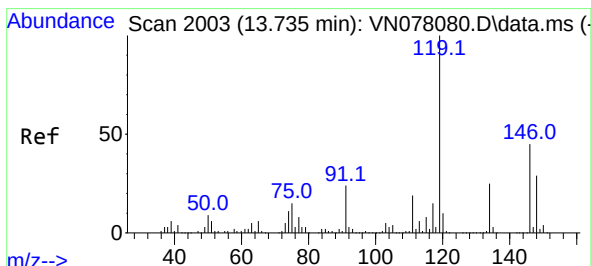
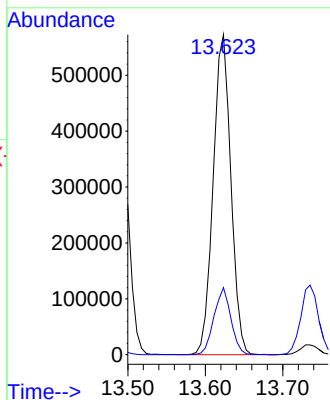
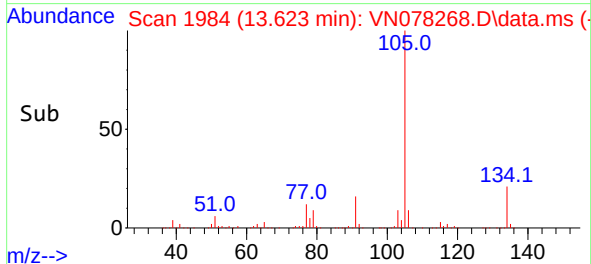
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



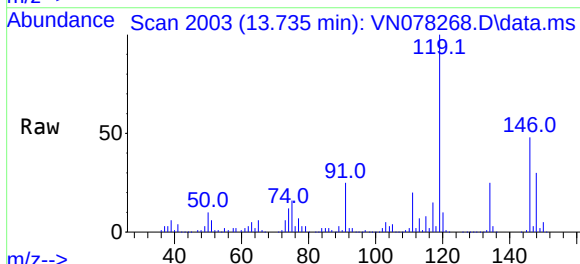
Tgt Ion:105 Resp: 908999
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3

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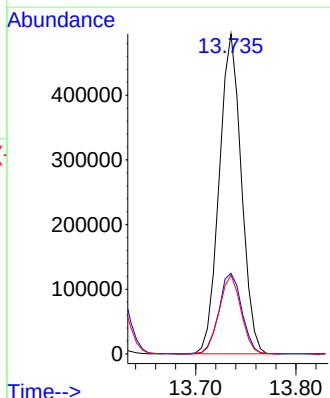
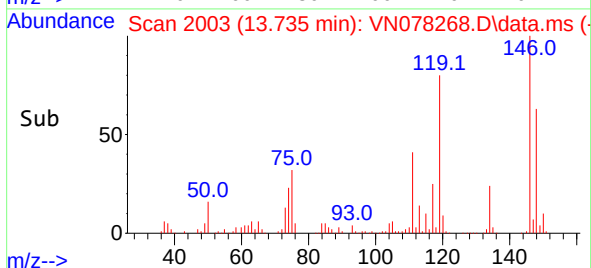
Reviewed By :John Carlone 06/19/2023
 Supervised By :Mahesh Dadoda 06/19/2023

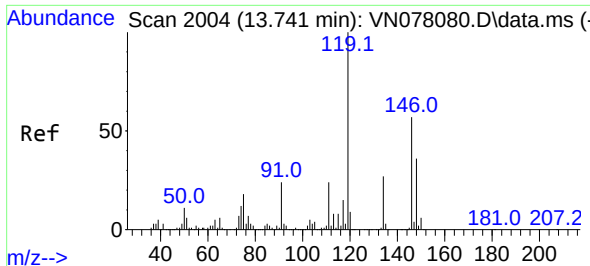


#86
 p-Isopropyltoluene
 Concen: 41.227 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078268.D
 Acq: 16 Jun 2023 18:29



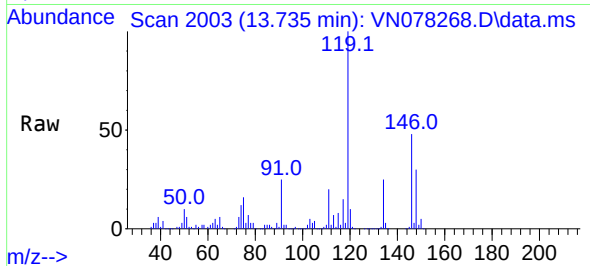
Tgt Ion:119 Resp: 755693
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.6 37.8
 91 24.3 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 42.014 ug/l
RT: 13.735 min Scan# 2004
Delta R.T. -0.006 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

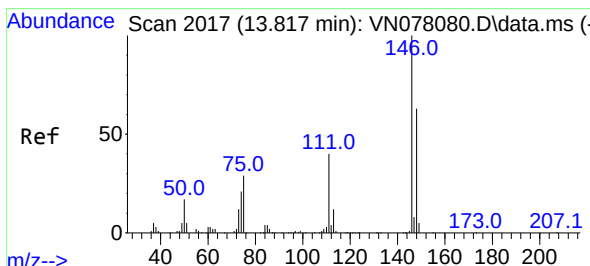
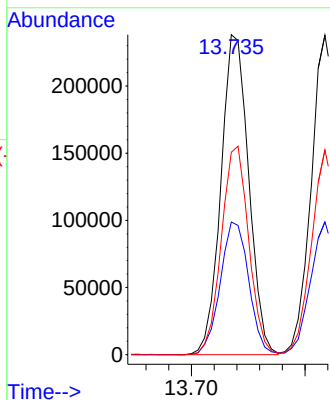
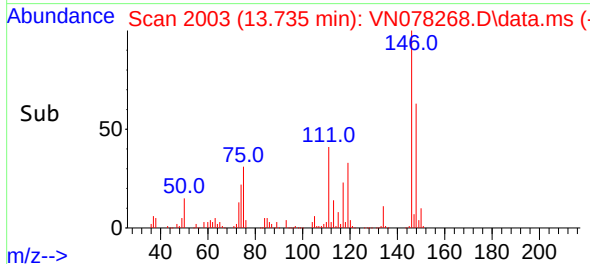
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



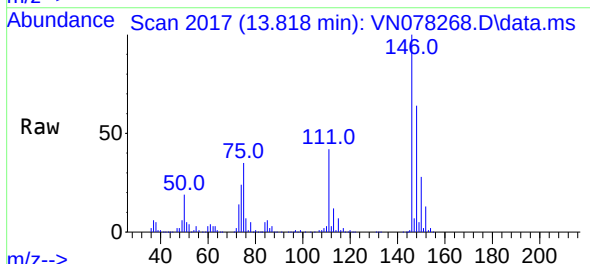
Tgt Ion:146 Resp: 40454
Ion Ratio Lower Upper
146 100
111 42.6 22.1 66.3
148 64.3 32.0 96.0

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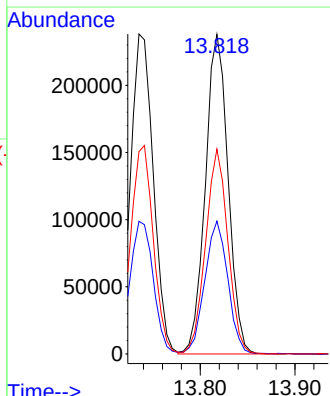
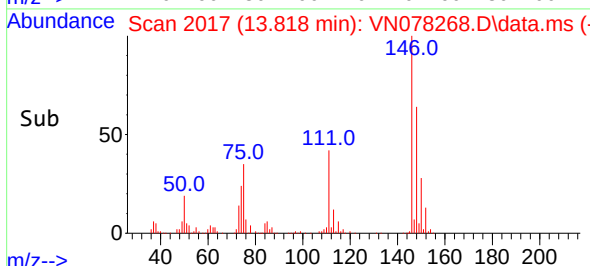
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

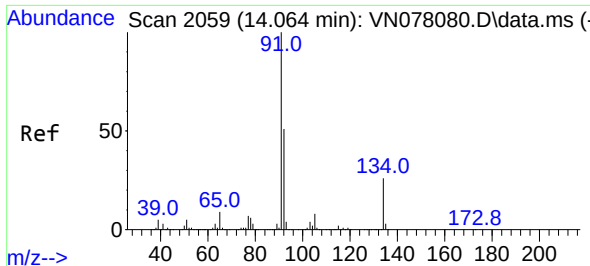


#88
1,4-Dichlorobenzene
Concen: 42.677 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29



Tgt Ion:146 Resp: 396518
Ion Ratio Lower Upper
146 100
111 42.1 20.6 61.8
148 62.9 31.6 94.8





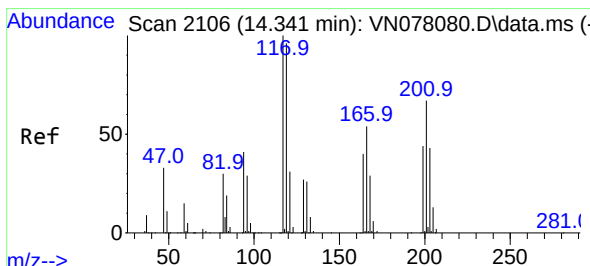
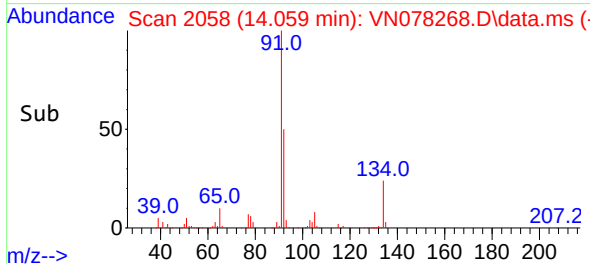
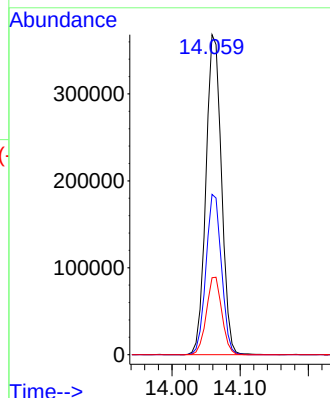
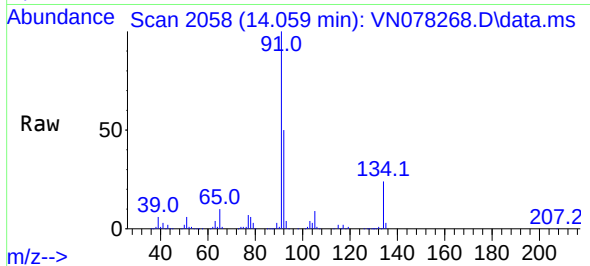
#89
n-Butylbenzene
Concen: 40.389 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 583939
Ion Ratio Lower Upper
91 100
92 50.0 26.4 79.0
134 24.1 12.6 37.6

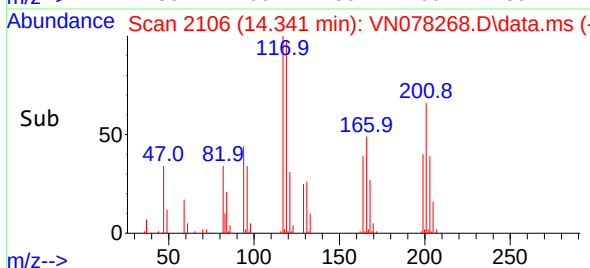
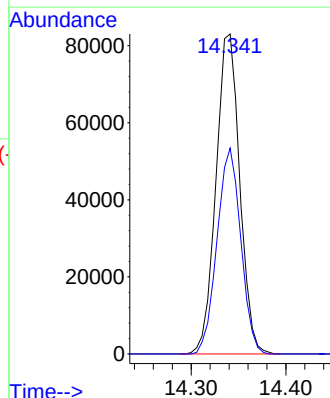
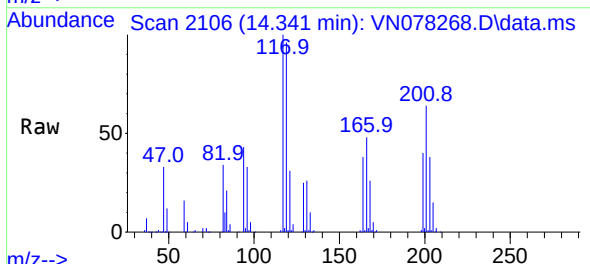
Manual Integrations
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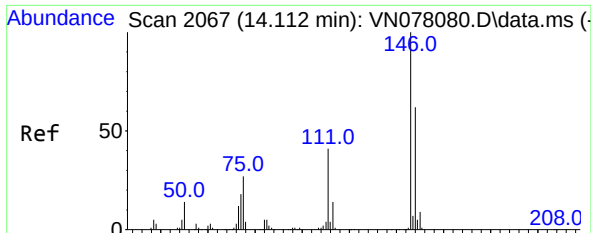
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#90
Hexachloroethane
Concen: 44.535 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

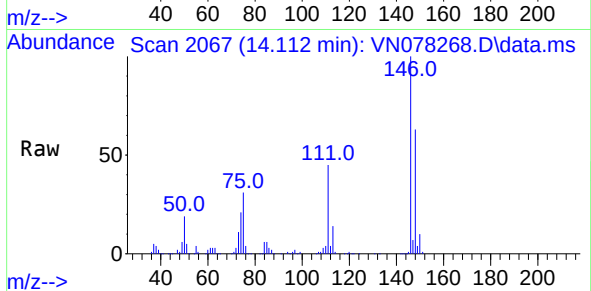
Tgt Ion:117 Resp: 144868
Ion Ratio Lower Upper
117 100
201 64.2 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 43.869 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

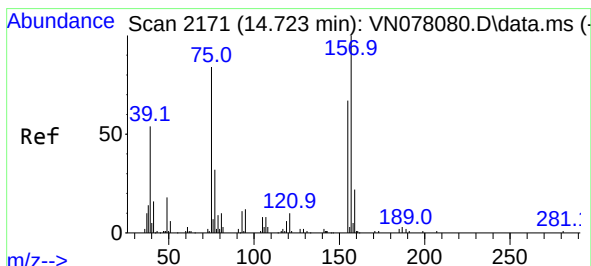
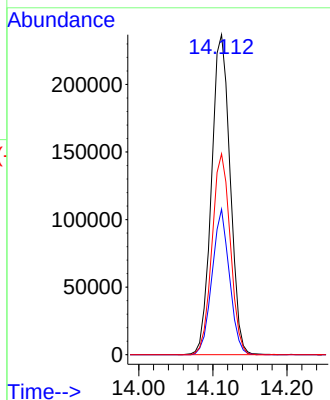
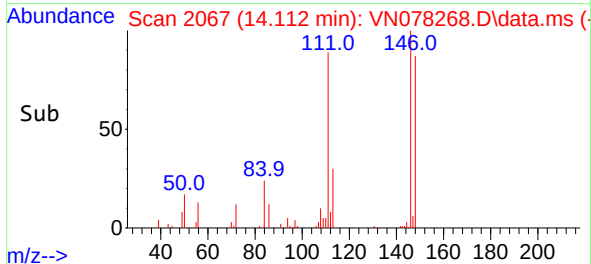
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



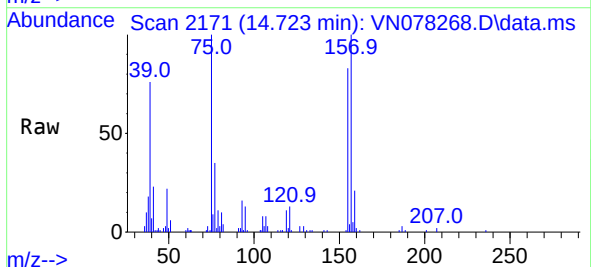
Tgt Ion:146 Resp: 412824
Ion Ratio Lower Upper
146 100
111 42.4 22.0 66.0
148 61.7 31.8 95.3

Manual Integrations
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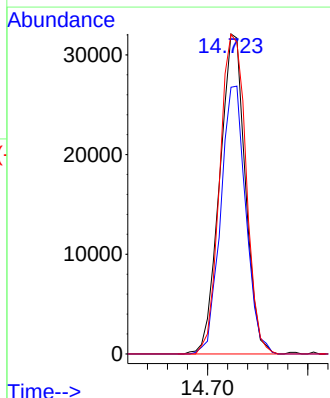
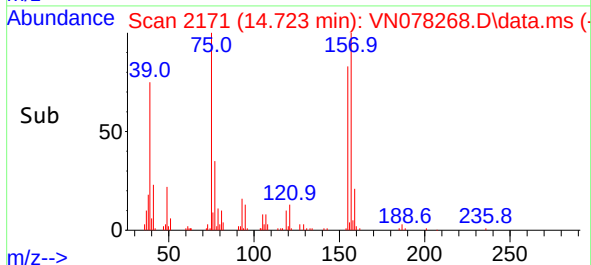
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

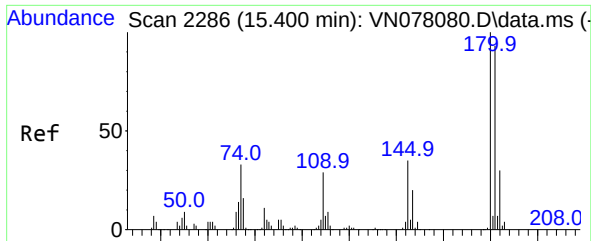


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.880 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29



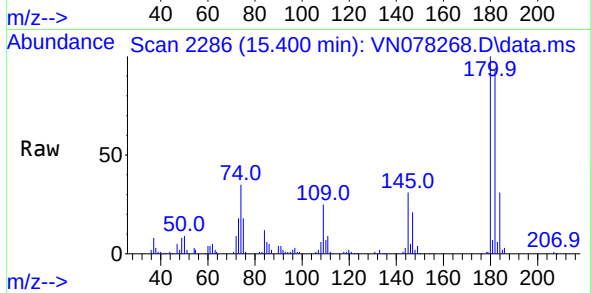
Tgt Ion: 75 Resp: 56940
Ion Ratio Lower Upper
75 100
155 82.1 39.1 117.2
157 102.3 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 41.038 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

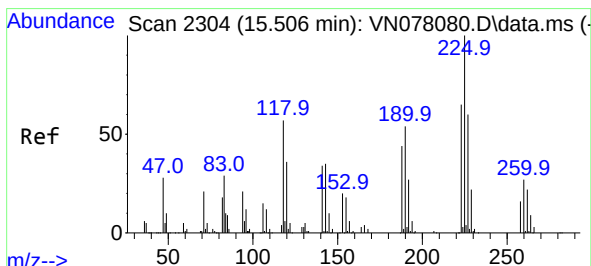
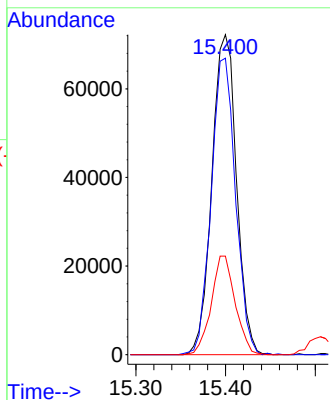
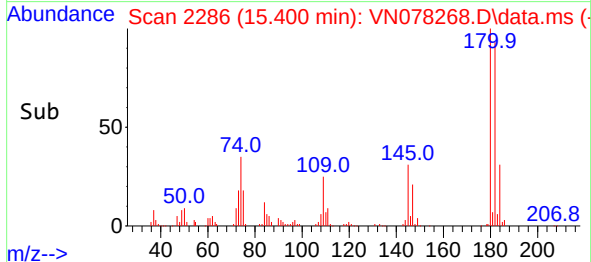
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



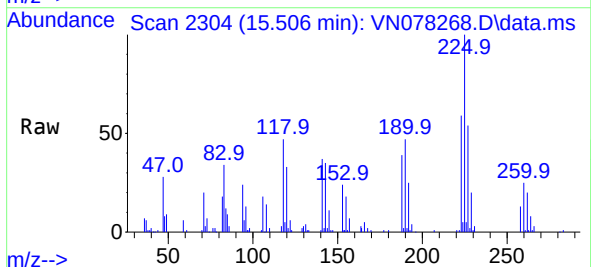
Tgt Ion:180 Resp: 137594
Ion Ratio Lower Upper
180 100
182 91.5 46.1 138.2
145 30.0 16.6 49.8

Manual Integrations
APPROVED

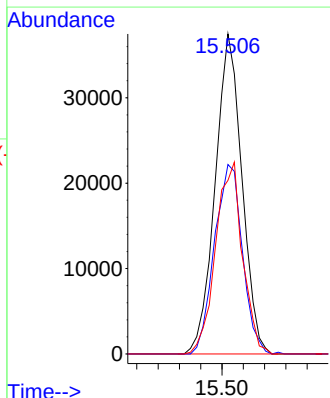
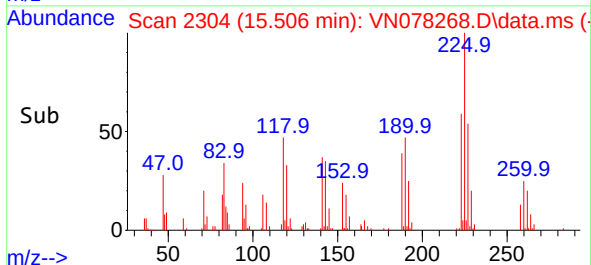
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

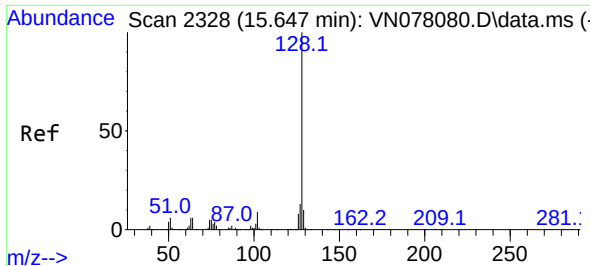


#94
Hexachlorobutadiene
Concen: 39.147 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29



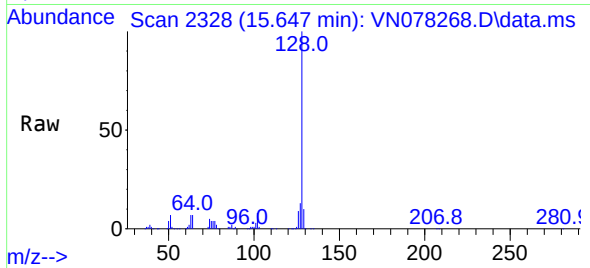
Tgt Ion:225 Resp: 65294
Ion Ratio Lower Upper
225 100
223 61.8 31.3 93.8
227 60.1 31.9 95.9





#95
Naphthalene
Concen: 37.726 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

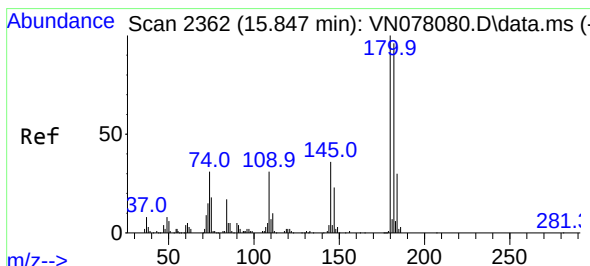
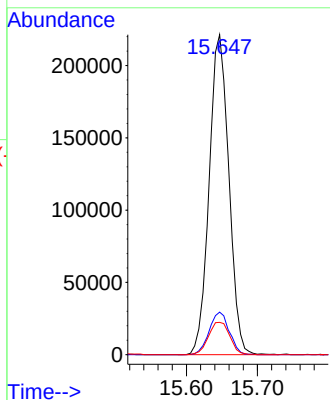
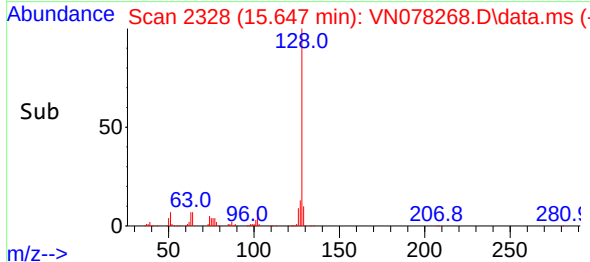
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



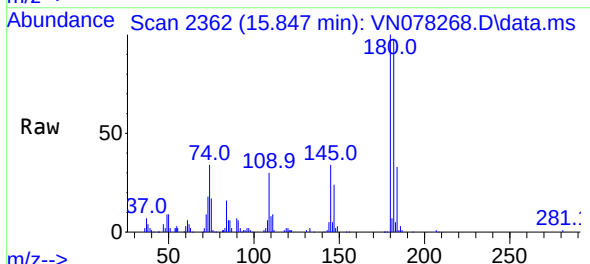
Tgt Ion:128 Resp: 425480
Ion Ratio Lower Upper
128 100
127 13.6 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 38.543 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29



Tgt Ion:180 Resp: 144531
Ion Ratio Lower Upper
180 100
182 97.2 46.2 138.6
145 33.6 17.5 52.6

