

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072022\
 Data File : VN073527.D
 Acq On : 20 Jul 2022 17:05
 Operator : JC\MD
 Sample : VN0720MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/21/2022
 Supervised By : Mahesh Dadoda 07/21/2022

Quant Time: Jul 21 08:24:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	174827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	296438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.687	117	276903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	136495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	124007	49.135	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.260%		
35) Dibromofluoromethane	7.952	113	101882	51.658	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.320%		
50) Toluene-d8	10.381	98	334959	47.819	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.640%		
62) 4-Bromofluorobenzene	12.675	95	128743	47.826	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	40527	15.856	ug/l	100
3) Chloromethane	2.270	50	42369	17.074	ug/l	97
4) Vinyl Chloride	2.405	62	38306	18.168	ug/l	97
5) Bromomethane	2.799	94	21960	22.051	ug/l	93
6) Chloroethane	2.958	64	27063	21.820	ug/l	98
7) Trichlorofluoromethane	3.311	101	59822	16.411	ug/l	100
8) Diethyl Ether	3.764	74	28737	19.366	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.134	101	40055	18.597	ug/l	98
10) Methyl Iodide	4.346	142	31052	13.617	ug/l	93
11) Tert butyl alcohol	5.293	59	73230	119.778	ug/l	99
12) 1,1-Dichloroethene	4.105	96	36183	17.581	ug/l	94
13) Acrolein	3.987	56	10551	27.303	ug/l	95
14) Allyl chloride	4.752	41	84616	19.517	ug/l #	90
15) Acrylonitrile	5.475	53	200102	127.141	ug/l	99
16) Acetone	4.222	43	183964	129.857	ug/l	97
17) Carbon Disulfide	4.458	76	76821	14.395	ug/l	99
18) Methyl Acetate	4.781	43	111017	27.964	ug/l #	88
19) Methyl tert-butyl Ether	5.534	73	152374	20.314	ug/l	97
20) Methylene Chloride	5.016	84	50656	20.347	ug/l #	89
21) trans-1,2-Dichloroethene	5.516	96	38725	18.008	ug/l	98
22) Diisopropyl ether	6.416	45	183694	22.706	ug/l	96
23) Vinyl Acetate	6.352	43	765164	105.635	ug/l #	92
24) 1,1-Dichloroethane	6.305	63	89193	21.304	ug/l	98
25) 2-Butanone	7.263	43	296311	131.374	ug/l #	86
26) 2,2-Dichloropropane	7.252	77	64892	16.759	ug/l	100
27) cis-1,2-Dichloroethene	7.246	96	49565	19.033	ug/l	92
28) Bromochloromethane	7.587	49	39956	22.788	ug/l #	80
29) Tetrahydrofuran	7.610	42	198279	128.388	ug/l #	85
30) Chloroform	7.746	83	90925	21.563	ug/l	99
31) Cyclohexane	8.022	56	68591	16.594	ug/l	98
32) 1,1,1-Trichloroethane	7.946	97	72335	19.249	ug/l	97
36) 1,1-Dichloropropene	8.151	75	58830	19.386	ug/l	97
37) Ethyl Acetate	7.340	43	110933	24.193	ug/l #	94
38) Carbon Tetrachloride	8.134	117	58757	18.723	ug/l	90
39) Methylcyclohexane	9.393	83	61172	16.191	ug/l	92
40) Benzene	8.393	78	190531	20.344	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	54267	24.403	ug/l #	84
42) 1,2-Dichloroethane	8.463	62	72923	21.480	ug/l	98
43) Isopropyl Acetate	8.493	43	153769	23.334	ug/l #	91
44) Trichloroethene	9.151	130	44298	18.586	ug/l	97
45) 1,2-Dichloropropane	9.428	63	53070	22.232	ug/l	93
46) Dibromomethane	9.510	93	34758	21.445	ug/l	92
47) Bromodichloromethane	9.698	83	69532	22.150	ug/l	97
48) Methyl methacrylate	9.498	41	68229	22.361	ug/l	88
49) 1,4-Dioxane	9.504	88	31502	543.853	ug/l #	91
51) 4-Methyl-2-Pentanone	10.269	43	567292	135.747	ug/l	89
52) Toluene	10.445	92	116015	20.044	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	69139	20.007	ug/l	97
54) cis-1,3-Dichloropropene	10.128	75	75104	20.130	ug/l #	83
55) 1,1,2-Trichloroethane	10.840	97	52610	22.079	ug/l	97
56) Ethyl methacrylate	10.704	69	82946	21.537	ug/l #	84
57) 1,3-Dichloropropane	10.987	76	88549	21.678	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.981	63	159000	92.570	ug/l	94
59) 2-Hexanone	11.028	43	432643	135.814	ug/l	87
60) Dibromochloromethane	11.175	129	52068	22.919	ug/l	98
61) 1,2-Dibromoethane	11.287	107	50767	21.331	ug/l	99
64) Tetrachloroethene	10.916	164	46113	20.394	ug/l	97
65) Chlorobenzene	11.710	112	122709	19.594	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.781	131	47586	20.658	ug/l	99
67) Ethyl Benzene	11.787	91	216429	19.036	ug/l	100
68) m/p-Xylenes	11.892	106	163268	38.051	ug/l	97
69) o-Xylene	12.222	106	82120	18.747	ug/l	96
70) Styrene	12.234	104	132861	19.646	ug/l	97
71) Bromoform	12.398	173	38364	22.761	ug/l #	99
73) Isopropylbenzene	12.522	105	213776	18.137	ug/l	99
74) N-amyl acetate	12.328	43	111240	18.848	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.769	83	85920	21.967	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	74059m	20.750	ug/l	
77) Bromobenzene	12.798	156	50196	18.317	ug/l	85
78) n-propylbenzene	12.857	91	245615	18.757	ug/l	97
79) 2-Chlorotoluene	12.945	91	150475	18.157	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	174524	18.166	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	23150	17.788	ug/l #	85
82) 4-Chlorotoluene	13.045	91	143170	17.844	ug/l	99
83) tert-Butylbenzene	13.263	119	155219	18.021	ug/l	96
84) 1,2,4-Trimethylbenzene	13.310	105	173533	18.092	ug/l	99
85) sec-Butylbenzene	13.439	105	216636	18.731	ug/l	97
86) p-Isopropyltoluene	13.557	119	170542	18.254	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	92476	18.810	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	88970	18.062	ug/l	98
89) n-Butylbenzene	13.881	91	138990	17.853	ug/l	95
90) Hexachloroethane	14.151	117	34566	19.852	ug/l	88
91) 1,2-Dichlorobenzene	13.928	146	93767	18.723	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	20341	21.397	ug/l	85
93) 1,2,4-Trichlorobenzene	15.192	180	46739	17.924	ug/l	99
94) Hexachlorobutadiene	15.304	225	23251	20.057	ug/l	97
95) Naphthalene	15.433	128	176406	16.769	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	51805	19.258	ug/l	98

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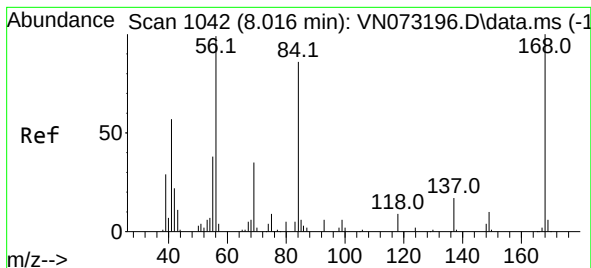
Manual Integrations
APPROVED

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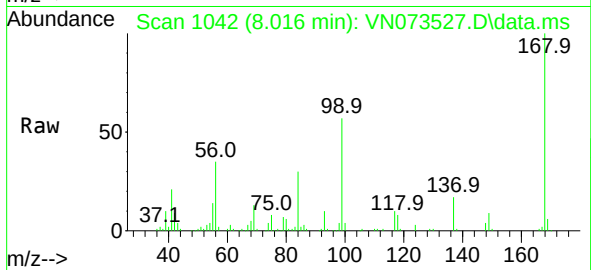
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
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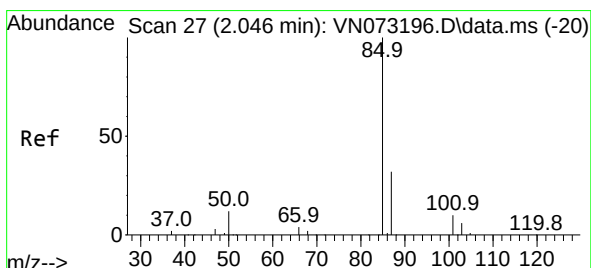
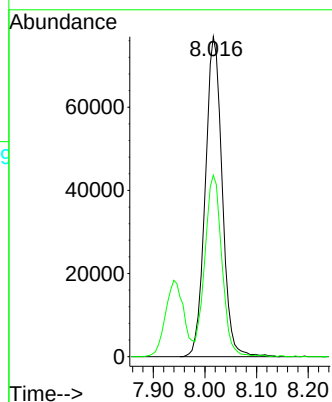
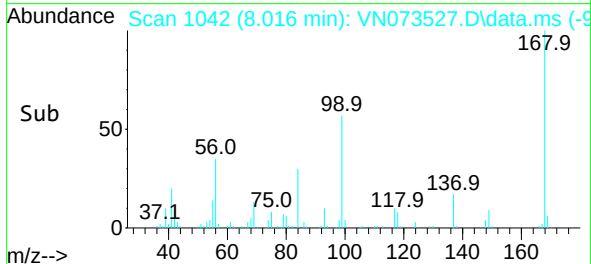
Instrument :
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Tgt Ion:168 Resp: 17482
Ion Ratio Lower Upper
168 100
99 56.4 42.3 63.5

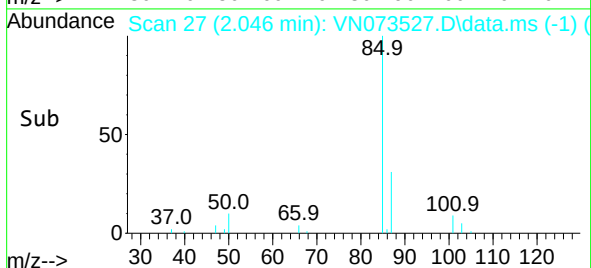
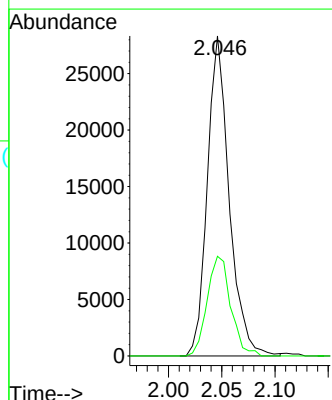
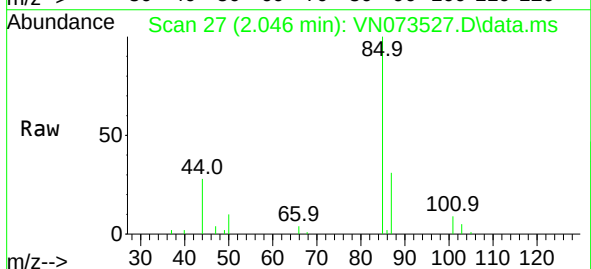
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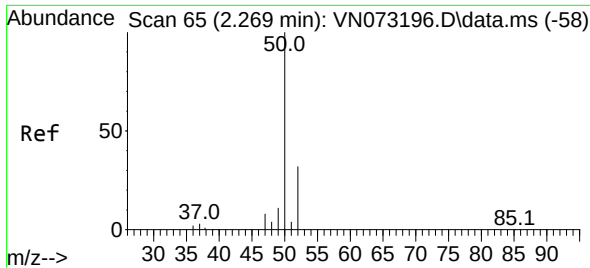
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#2
Dichlorodifluoromethane
Concen: 15.856 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

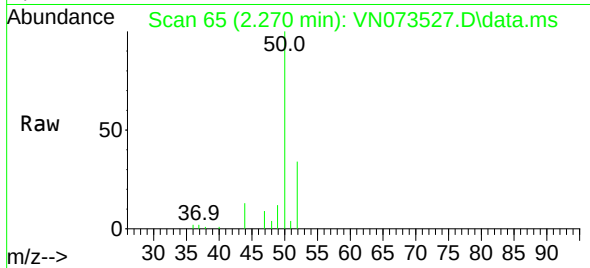
Tgt Ion: 85 Resp: 40527
Ion Ratio Lower Upper
85 100
87 31.1 15.7 47.1





#3
Chloromethane
Concen: 17.074 ug/l
RT: 2.270 min Scan# 65
Delta R.T. 0.001 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

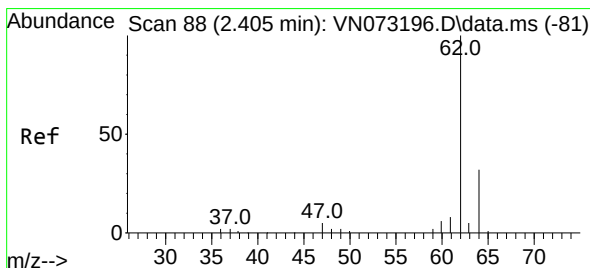
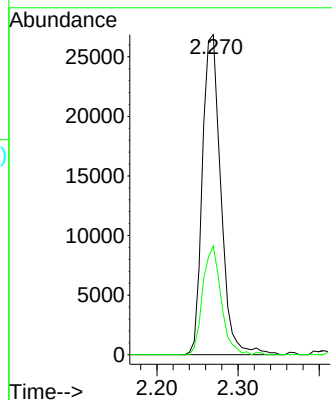
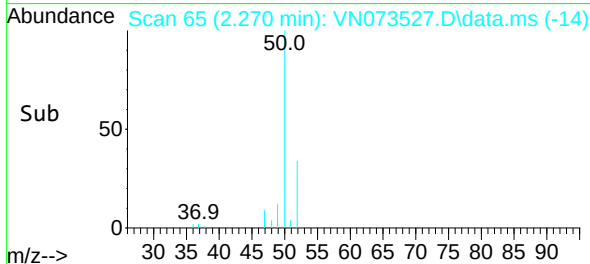
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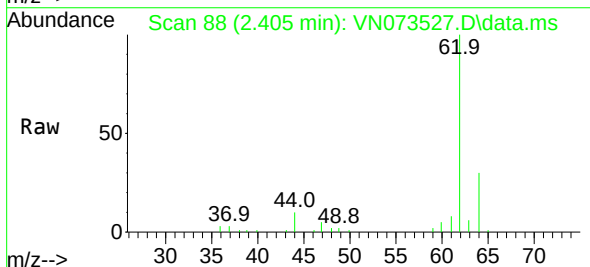
Tgt Ion: 50 Resp: 42369
Ion Ratio Lower Upper
50 100
52 34.0 25.7 38.5

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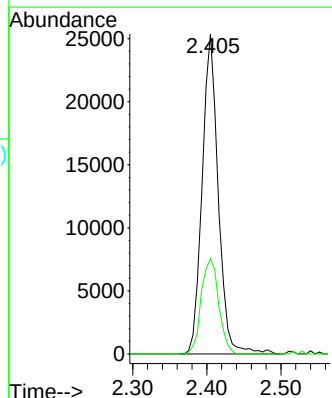
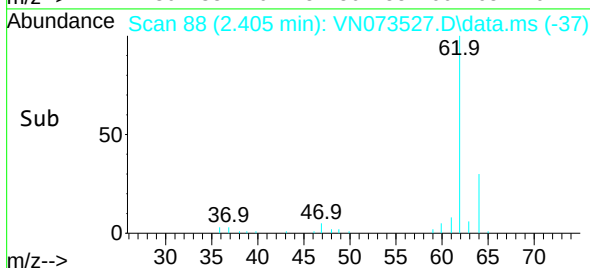
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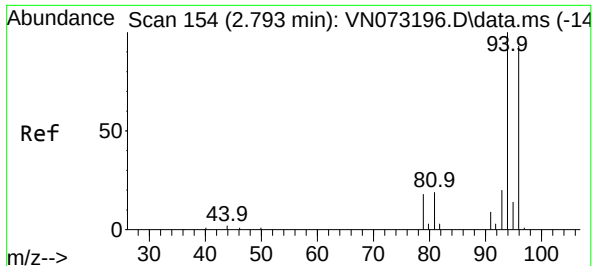


#4
Vinyl Chloride
Concen: 18.168 ug/l
RT: 2.405 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05



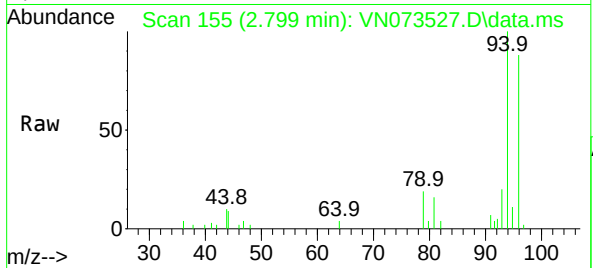
Tgt Ion: 62 Resp: 38306
Ion Ratio Lower Upper
62 100
64 29.8 25.0 37.4





#5
Bromomethane
Concen: 22.051 ug/l
RT: 2.799 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

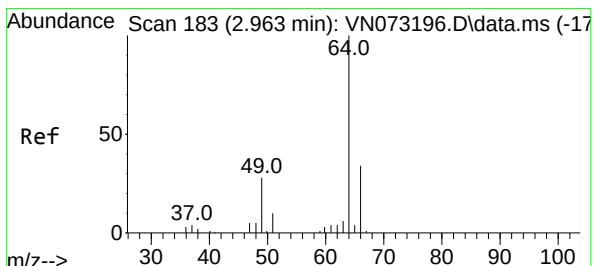
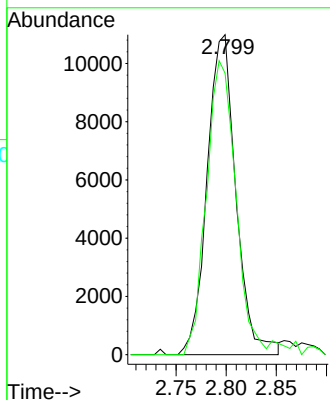
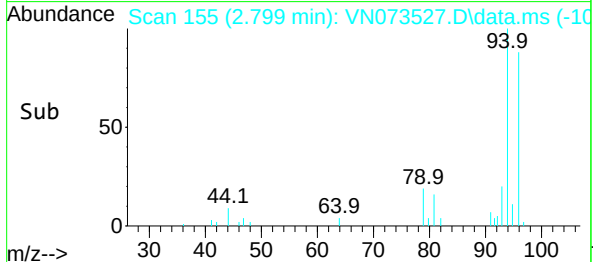
Instrument :
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Tgt Ion: 94 Resp: 21960
Ion Ratio Lower Upper
94 100
96 87.9 76.0 114.0

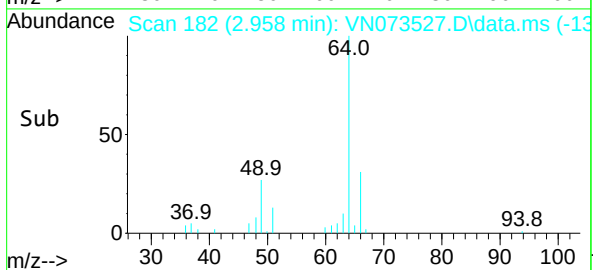
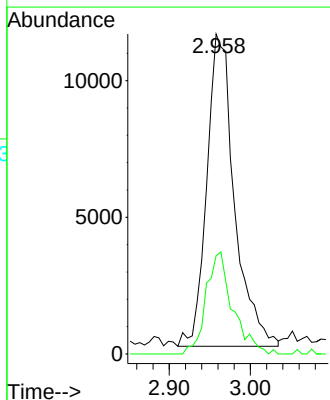
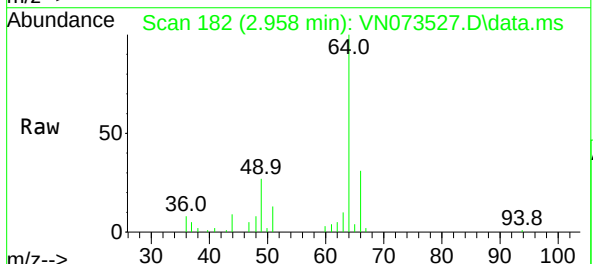
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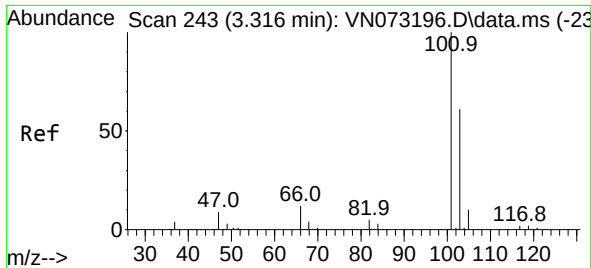
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#6
Chloroethane
Concen: 21.820 ug/l
RT: 2.958 min Scan# 182
Delta R.T. -0.005 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

Tgt Ion: 64 Resp: 27063
Ion Ratio Lower Upper
64 100
66 31.5 26.2 39.4





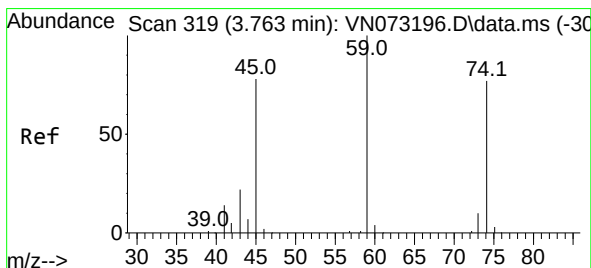
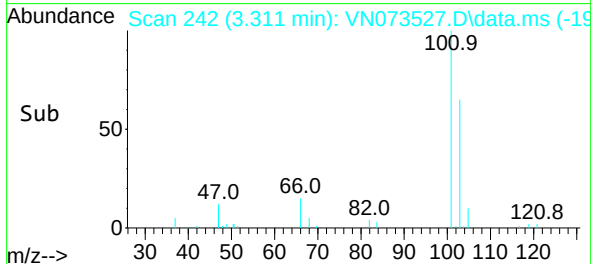
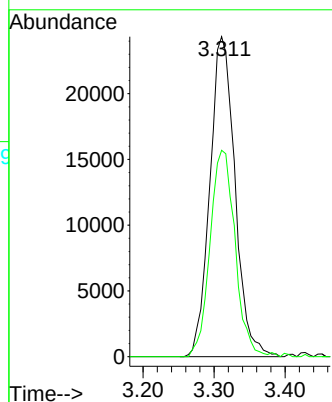
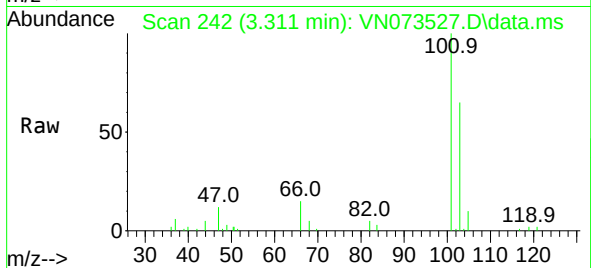
#7
 Trichlorofluoromethane
 Concen: 16.411 ug/l
 RT: 3.311 min Scan# 243
 Delta R.T. -0.005 min
 Lab File: VN073527.D
 Acq: 20 Jul 2022 17:05

Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 5982
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.5 77.3

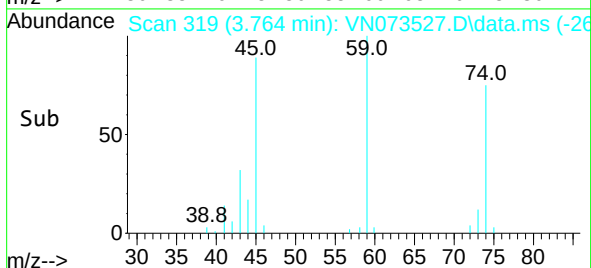
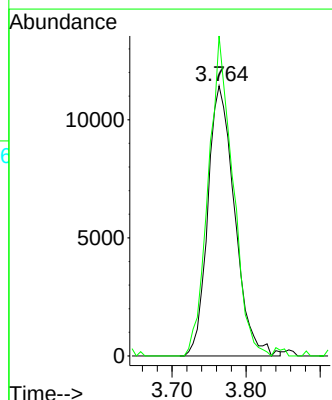
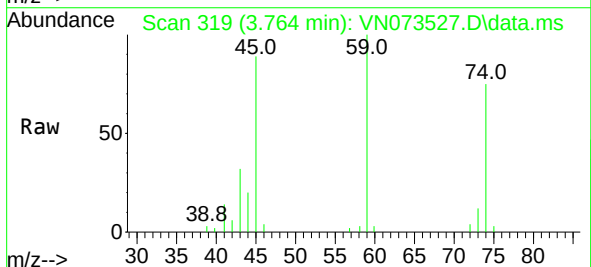
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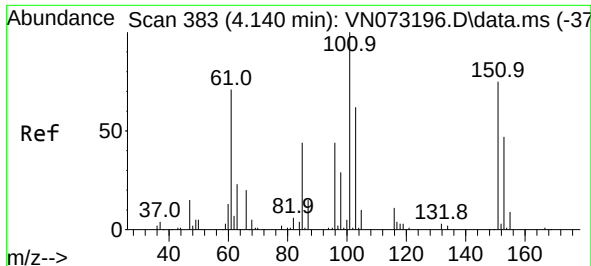
Reviewed By :John Carlone 07/21/2022
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#8
 Diethyl Ether
 Concen: 19.366 ug/l
 RT: 3.764 min Scan# 319
 Delta R.T. 0.001 min
 Lab File: VN073527.D
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Tgt Ion: 74 Resp: 28737
 Ion Ratio Lower Upper
 74 100
 45 108.7 42.9 128.5





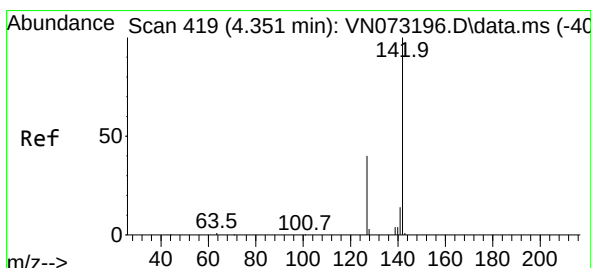
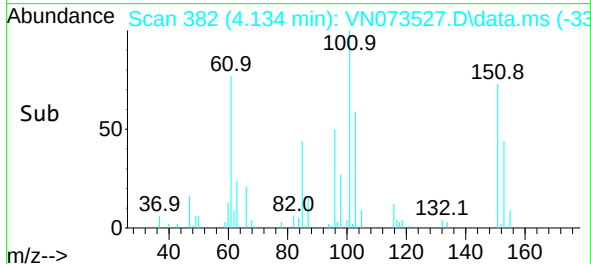
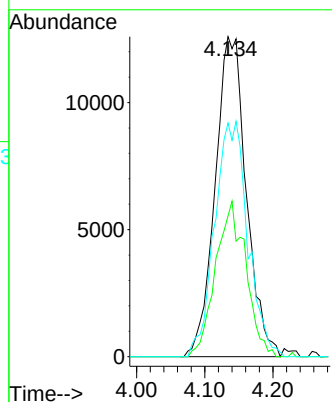
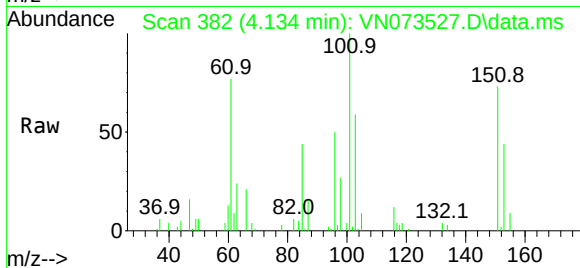
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.597 ug/l
RT: 4.134 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01

Tgt Ion:101 Resp: 4005
Ion Ratio Lower Upper
101 100
85 47.1 34.7 52.1
151 78.2 63.0 94.4

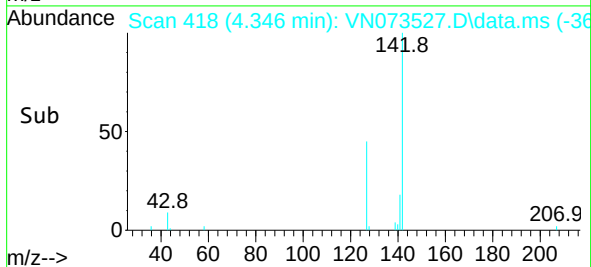
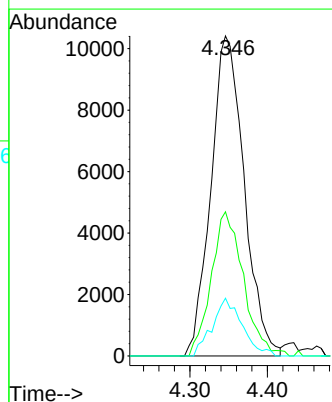
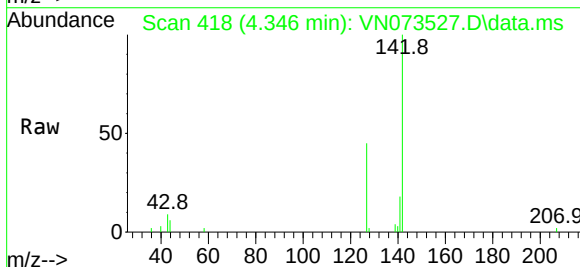
Manual Integrations
APPROVED

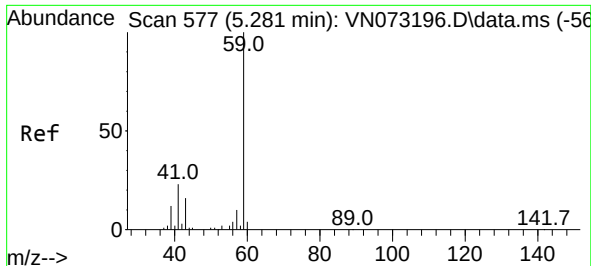
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#10
Methyl Iodide
Concen: 13.617 ug/l
RT: 4.346 min Scan# 418
Delta R.T. -0.005 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

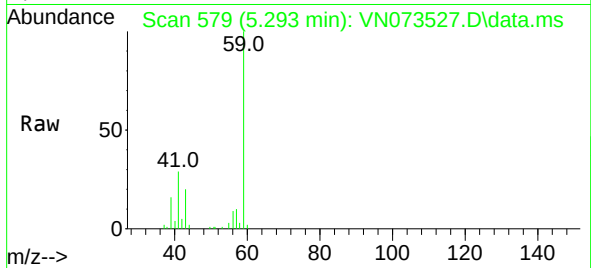
Tgt Ion:142 Resp: 31052
Ion Ratio Lower Upper
142 100
127 43.6 31.3 46.9
141 16.3 11.2 16.8





#11
Tert butyl alcohol
Concen: 119.778 ug/l
RT: 5.293 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

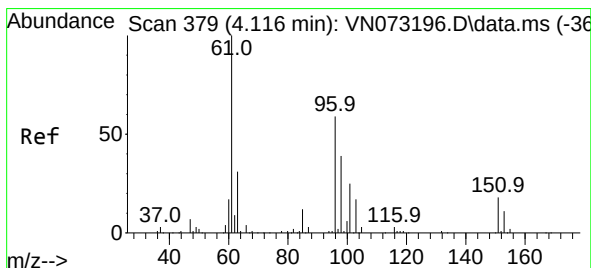
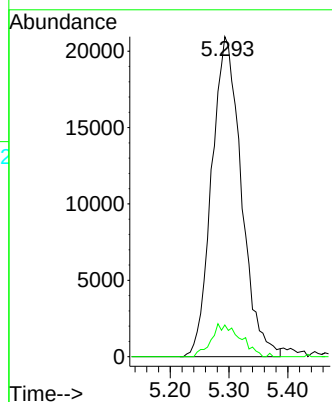
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



Tgt Ion: 59 Resp: 73230
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

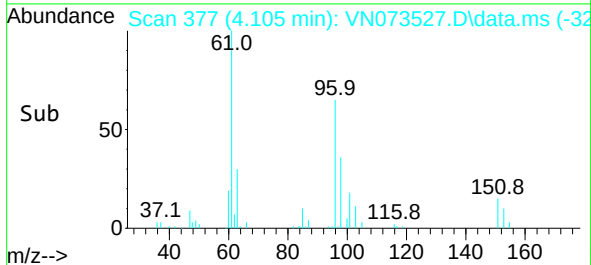
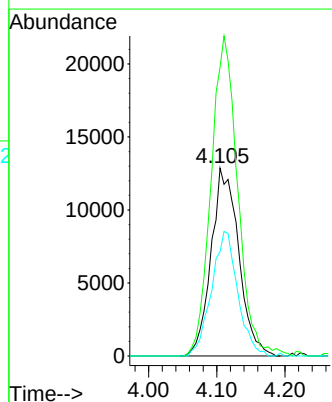
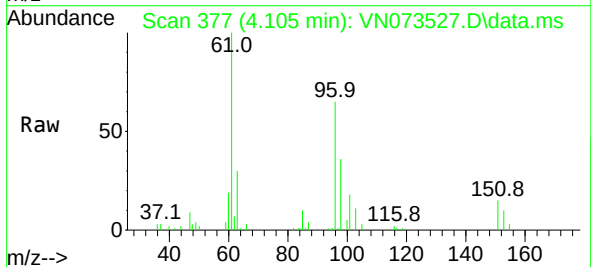
Manual Integrations
APPROVED

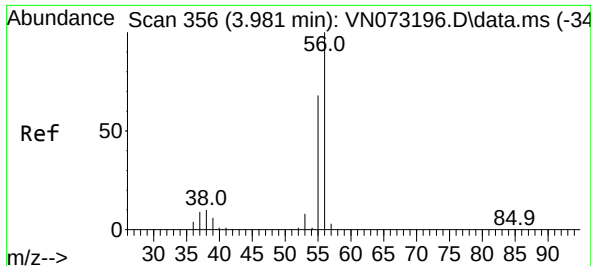
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#12
1,1-Dichloroethene
Concen: 17.581 ug/l
RT: 4.105 min Scan# 377
Delta R.T. -0.011 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

Tgt Ion: 96 Resp: 36183
Ion Ratio Lower Upper
96 100
61 153.7 127.6 191.4
98 55.4 51.2 76.8





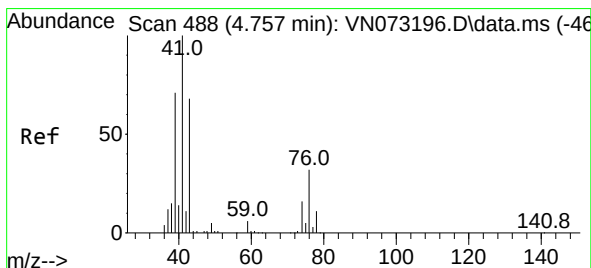
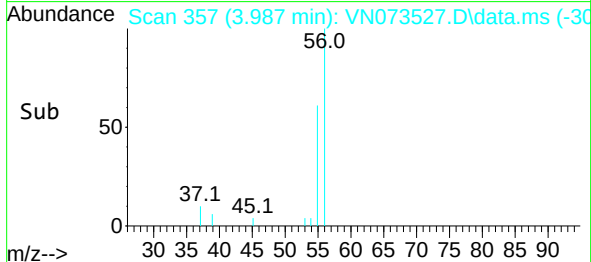
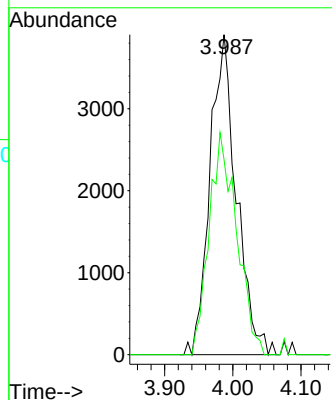
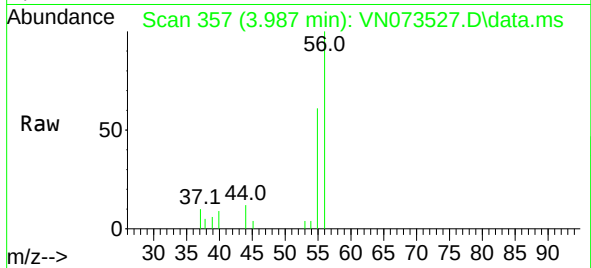
#13
Acrolein
Concen: 27.303 ug/l
RT: 3.987 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01

Tgt Ion: 56 Resp: 1055
Ion Ratio Lower Upper
56 100
55 72.4 54.8 82.2

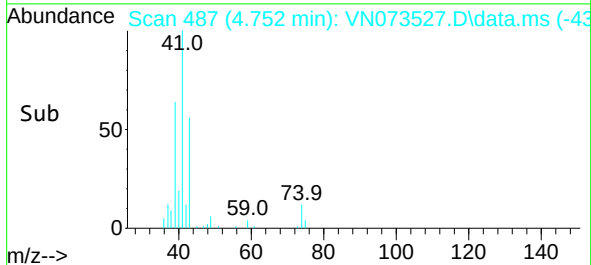
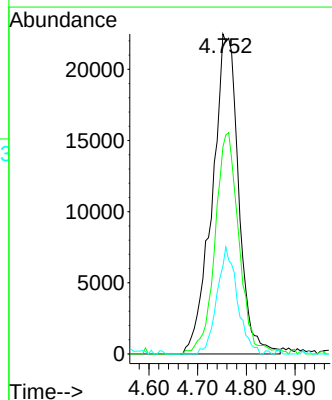
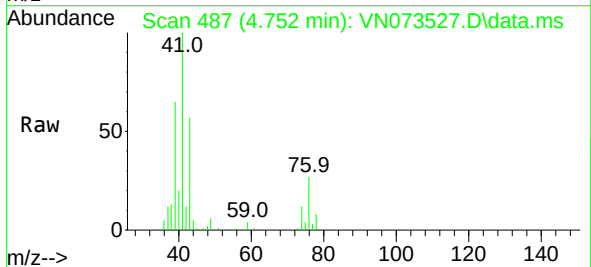
Manual Integrations
APPROVED

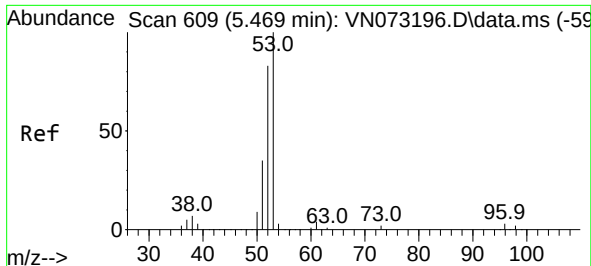
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#14
Allyl chloride
Concen: 19.517 ug/l
RT: 4.752 min Scan# 487
Delta R.T. -0.005 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

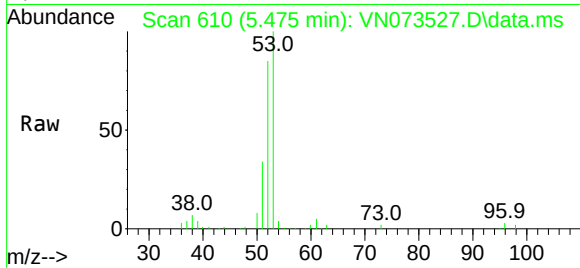
Tgt Ion: 41 Resp: 84616
Ion Ratio Lower Upper
41 100
39 62.8 53.2 79.8
76 25.7 29.9 44.9#





#15
Acrylonitrile
Concen: 127.141 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

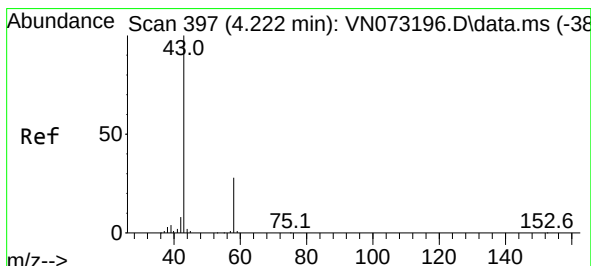
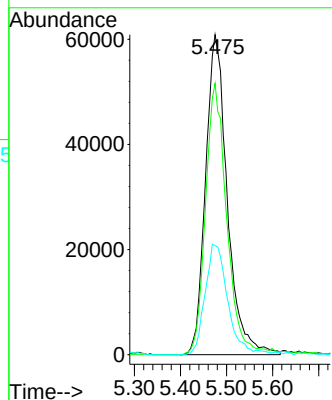
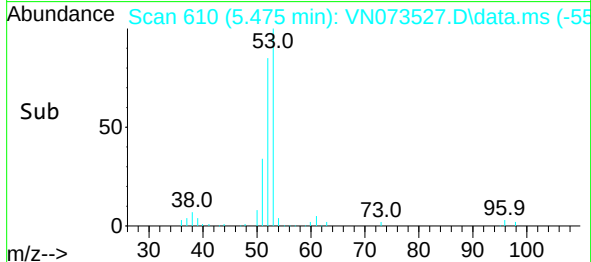
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



Tgt Ion: 53 Resp: 20010
Ion Ratio Lower Upper
53 100
52 82.4 66.4 99.6
51 36.0 28.5 42.7

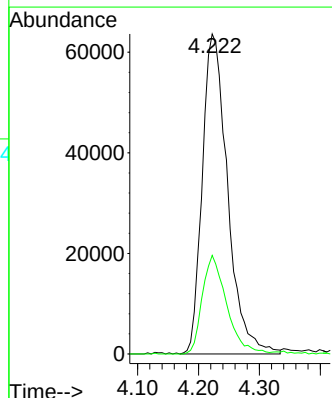
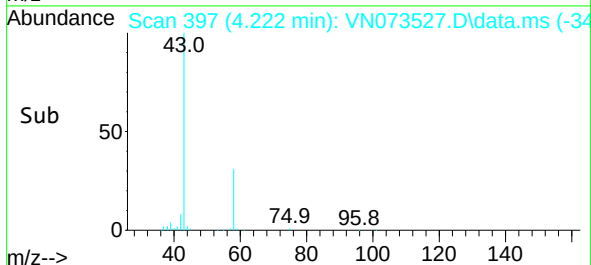
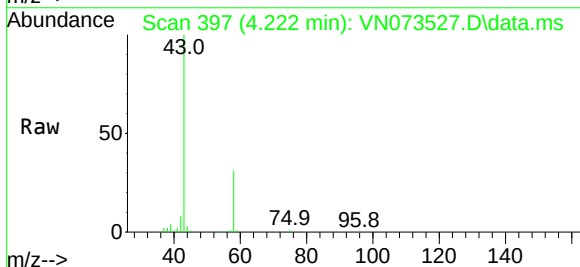
Manual Integrations
APPROVED

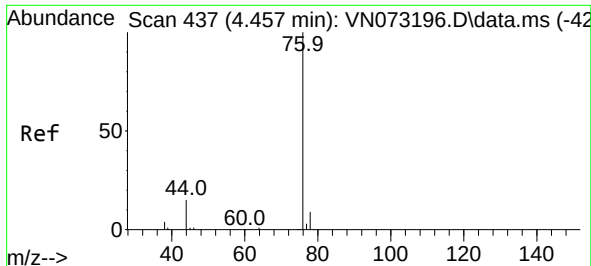
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#16
Acetone
Concen: 129.857 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

Tgt Ion: 43 Resp: 183964
Ion Ratio Lower Upper
43 100
58 30.8 26.0 39.0





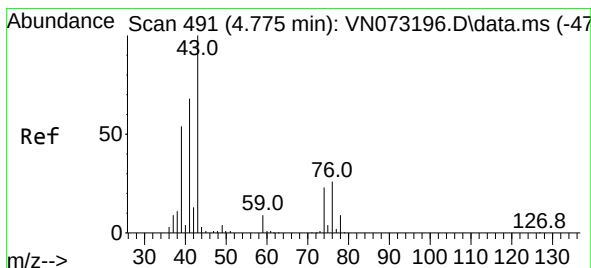
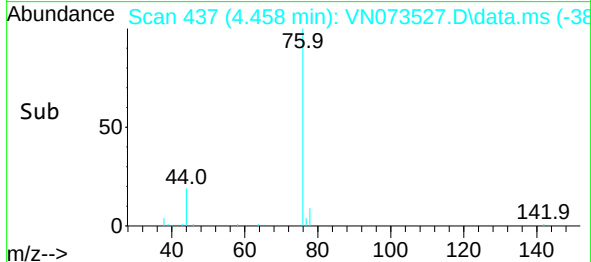
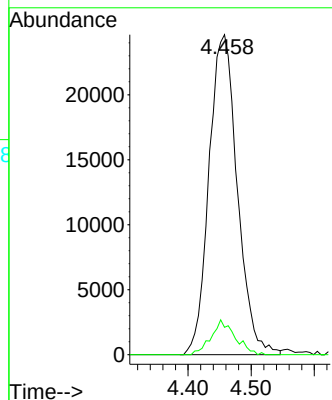
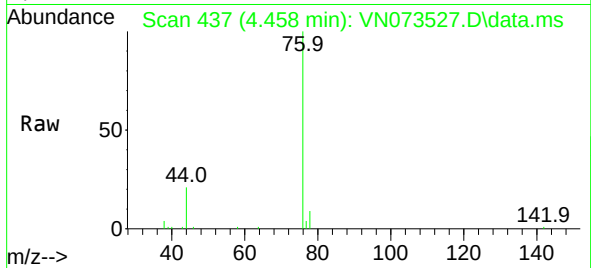
#17
Carbon Disulfide
Concen: 14.395 ug/l
RT: 4.458 min Scan# 41
Delta R.T. 0.001 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01

Tgt Ion: 76 Resp: 7682
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

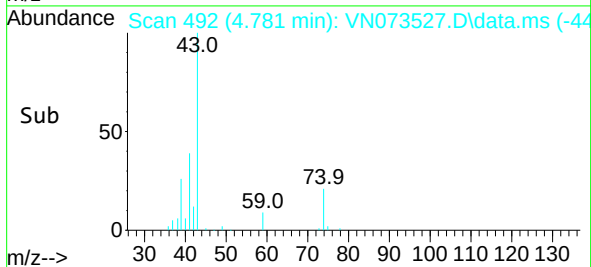
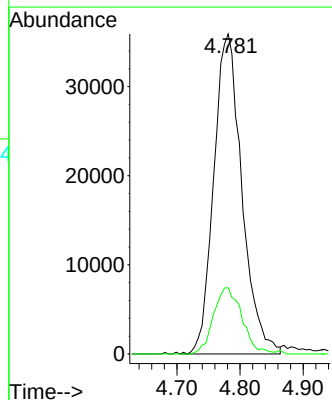
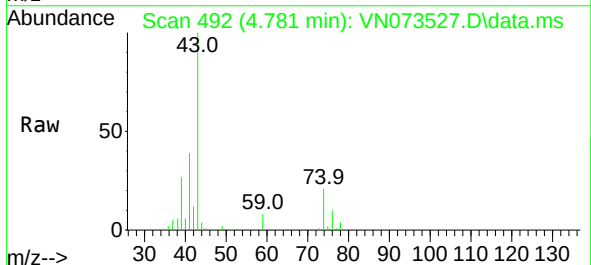
Manual Integrations
APPROVED

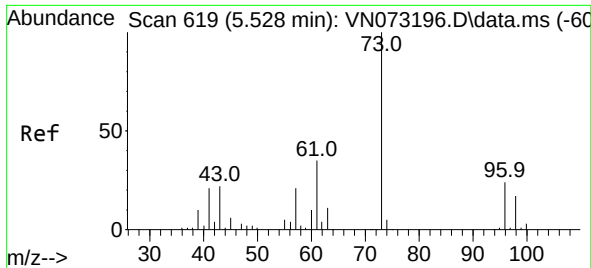
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#18
Methyl Acetate
Concen: 27.964 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

Tgt Ion: 43 Resp: 111017
Ion Ratio Lower Upper
43 100
74 21.0 21.6 32.4#





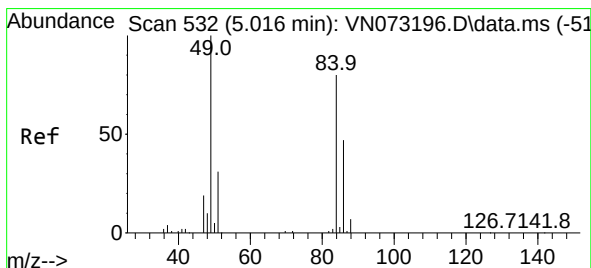
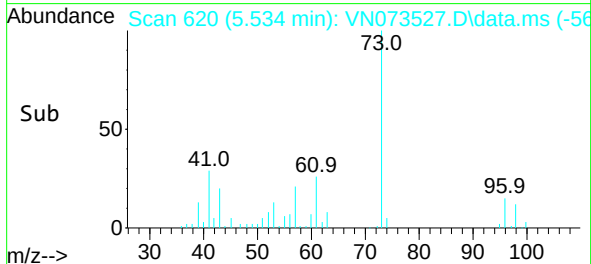
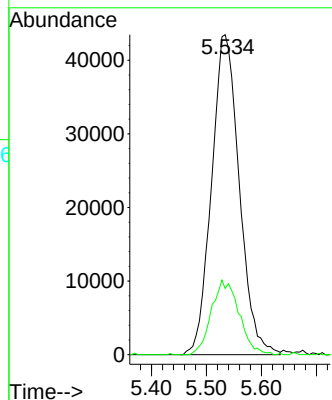
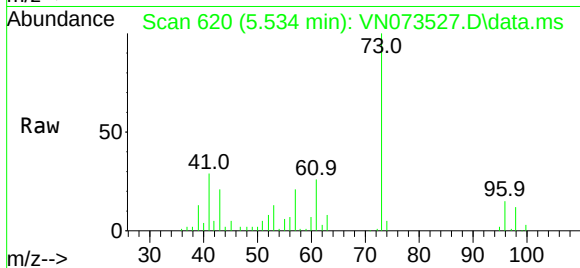
#19
Methyl tert-butyl Ether
Concen: 20.314 ug/l
RT: 5.534 min Scan# 619
Delta R.T. 0.006 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01

Tgt Ion: 73 Resp: 152374
Ion Ratio Lower Upper
73 100
57 20.7 17.6 26.4

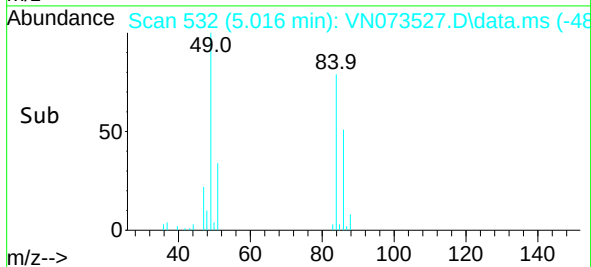
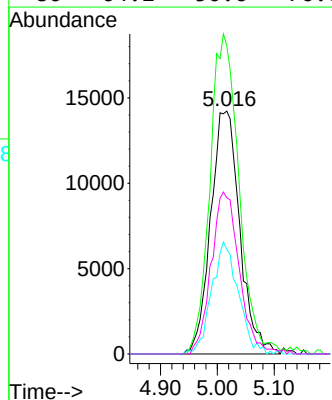
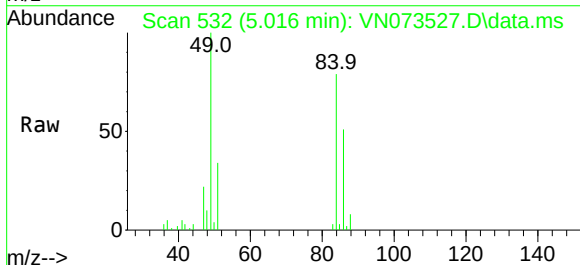
Manual Integrations
APPROVED

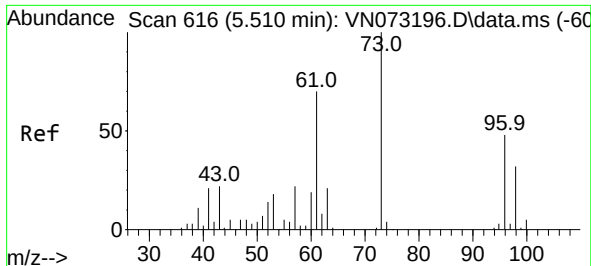
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#20
Methylene Chloride
Concen: 20.347 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.000 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

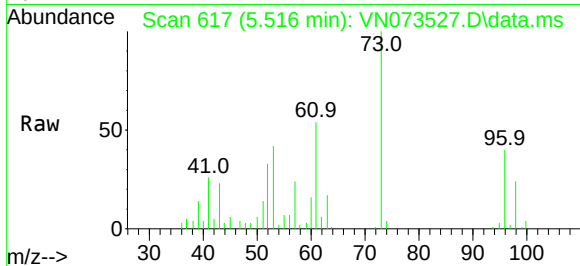
Tgt Ion: 84 Resp: 50656
Ion Ratio Lower Upper
84 100
49 126.9 88.3 132.5
51 43.0 28.2 42.2#
86 64.2 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 18.008 ug/l
RT: 5.516 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

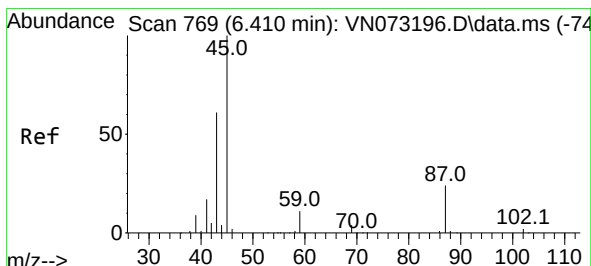
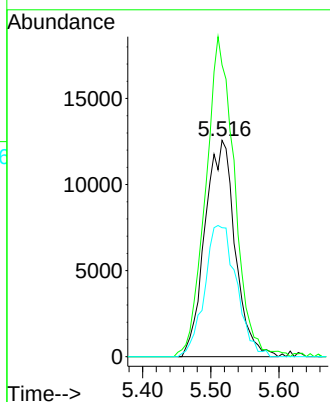
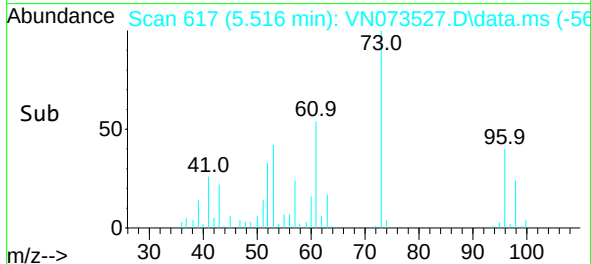
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



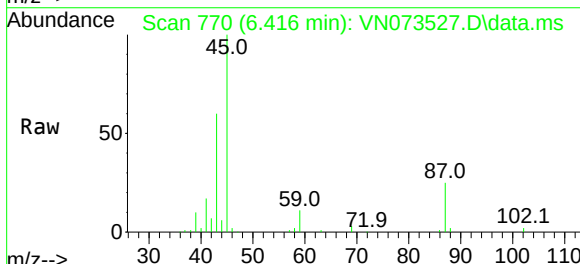
Tgt Ion: 96 Resp: 38725
Ion Ratio Lower Upper
96 100
61 132.8 105.8 158.8
98 59.6 50.3 75.5

Manual Integrations
APPROVED

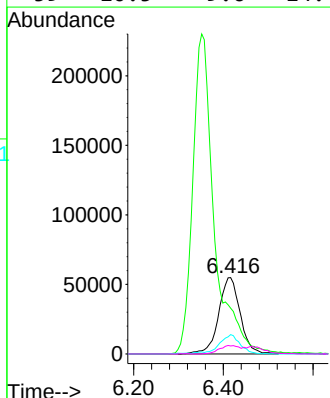
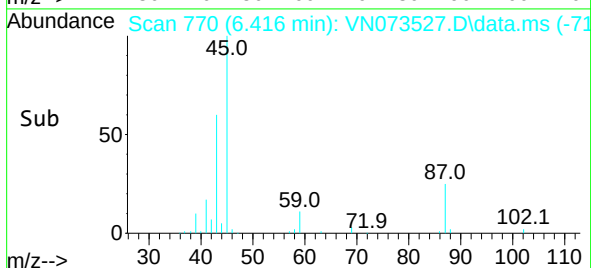
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

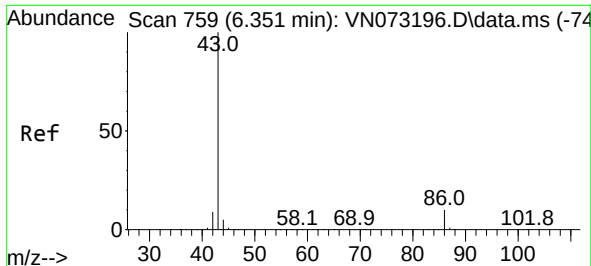


#22
Diisopropyl ether
Concen: 22.706 ug/l
RT: 6.416 min Scan# 770
Delta R.T. 0.006 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05



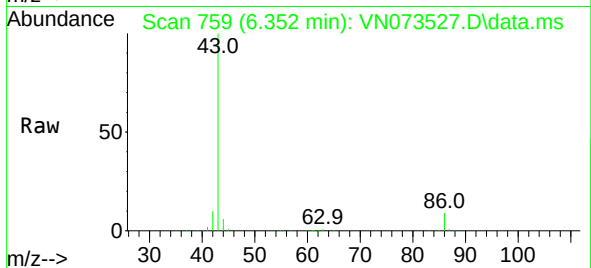
Tgt Ion: 45 Resp: 183694
Ion Ratio Lower Upper
45 100
43 57.9 46.6 70.0
87 25.4 24.3 36.5
59 10.5 9.6 14.4





#23
 Vinyl Acetate
 Concen: 105.635 ug/l
 RT: 6.352 min Scan# 759
 Delta R.T. 0.001 min
 Lab File: VN073527.D
 Acq: 20 Jul 2022 17:05

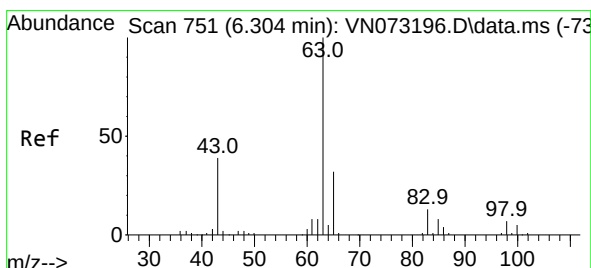
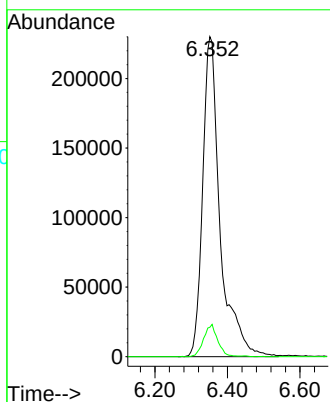
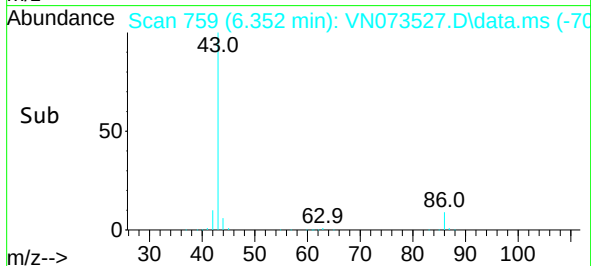
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720MBS01



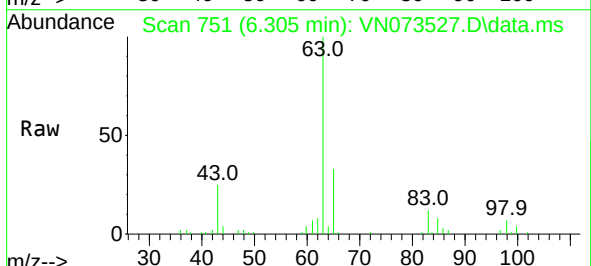
Tgt Ion: 43 Resp: 765164
 Ion Ratio Lower Upper
 43 100
 86 9.2 10.0 15.0

Manual Integrations
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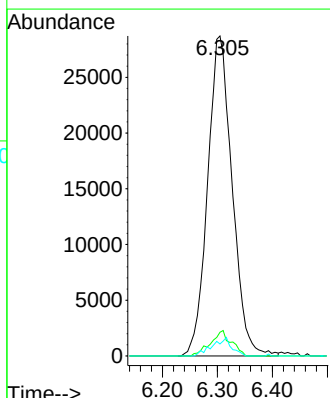
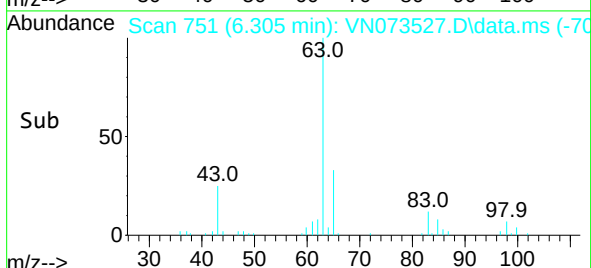
Reviewed By :John Carlone 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022

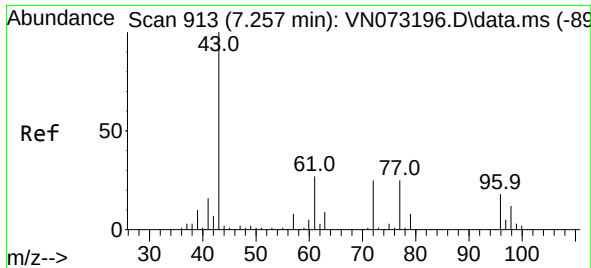


#24
 1,1-Dichloroethane
 Concen: 21.304 ug/l
 RT: 6.305 min Scan# 751
 Delta R.T. 0.001 min
 Lab File: VN073527.D
 Acq: 20 Jul 2022 17:05



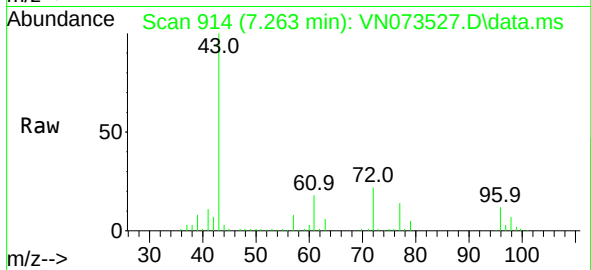
Tgt Ion: 63 Resp: 89193
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 3.8 2.3 6.8





#25
2-Butanone
Concen: 131.374 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

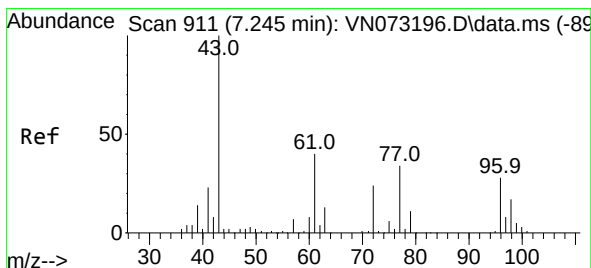
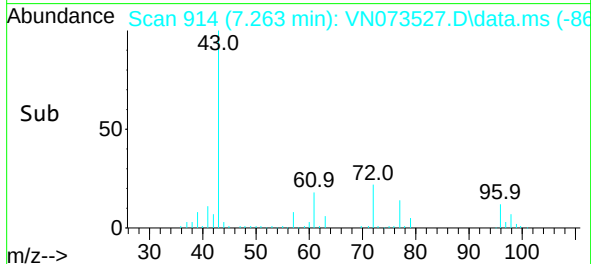
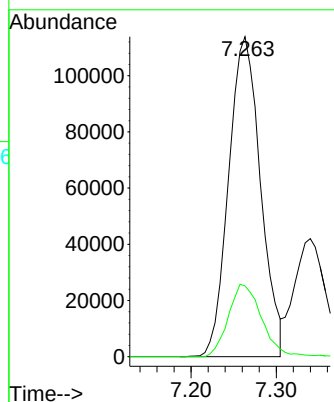
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



Tgt Ion: 43 Resp: 29631
Ion Ratio Lower Upper
43 100
72 22.1 23.7 35.5

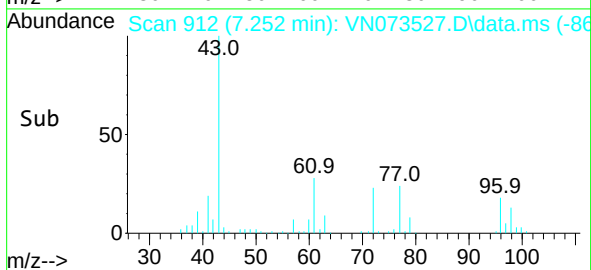
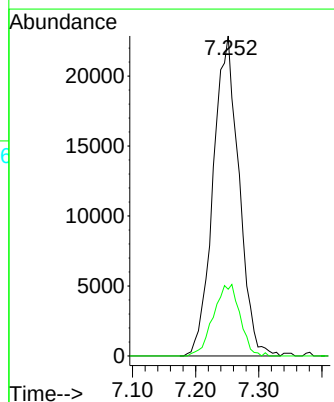
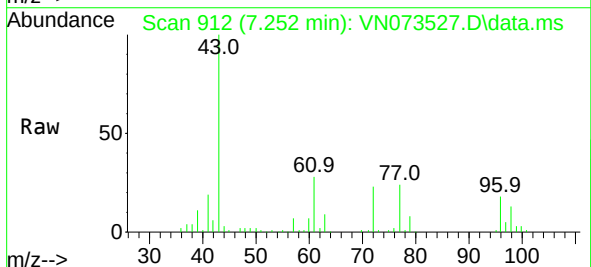
Manual Integrations
APPROVED

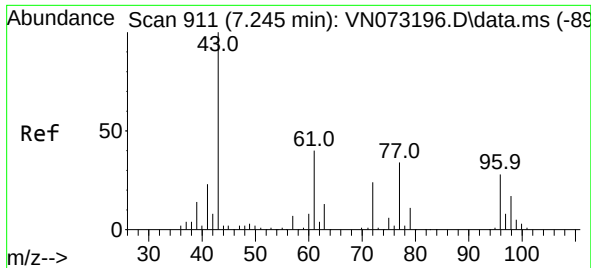
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#26
2,2-Dichloropropane
Concen: 16.759 ug/l
RT: 7.252 min Scan# 912
Delta R.T. 0.007 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

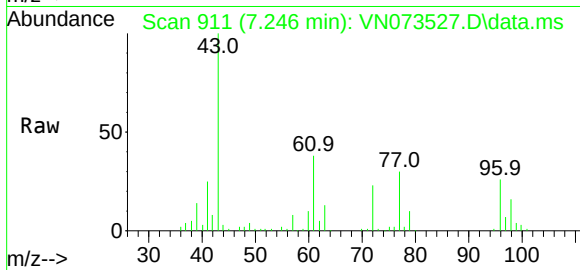
Tgt Ion: 77 Resp: 64892
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 19.033 ug/l
 RT: 7.246 min Scan# 911
 Delta R.T. 0.001 min
 Lab File: VN073527.D
 Acq: 20 Jul 2022 17:05

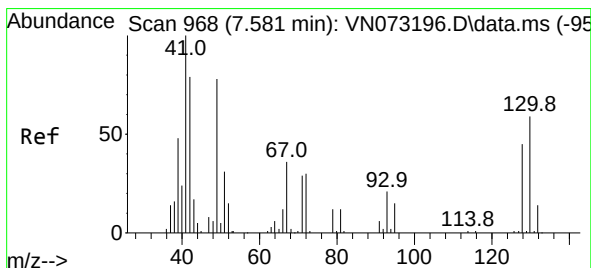
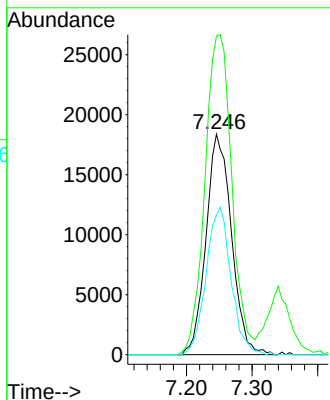
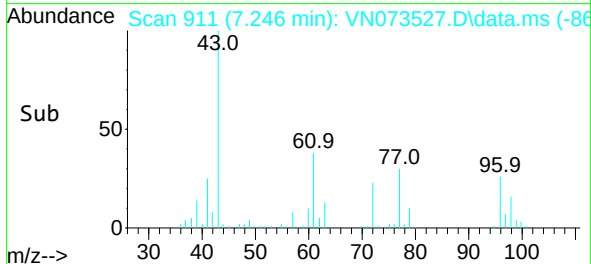
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720MBS01



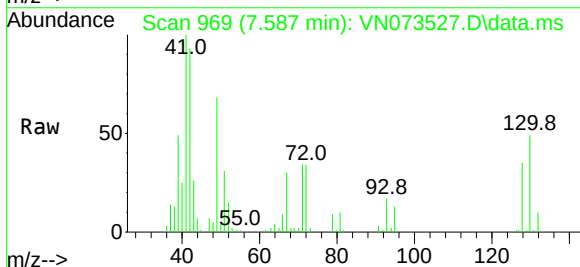
Tgt Ion: 96 Resp: 4956
 Ion Ratio Lower Upper
 96 100
 61 153.0 0.0 280.6
 98 65.5 0.0 128.4

Manual Integrations
 APPROVED

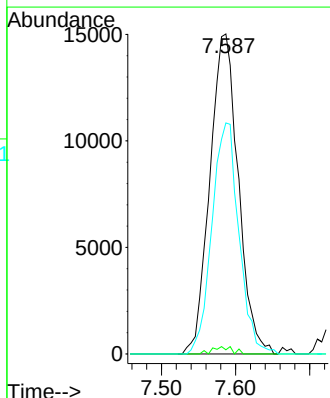
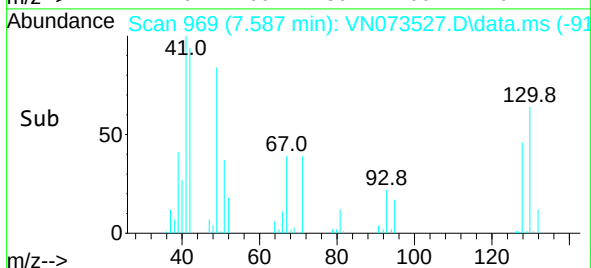
Reviewed By :John Carlone 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022

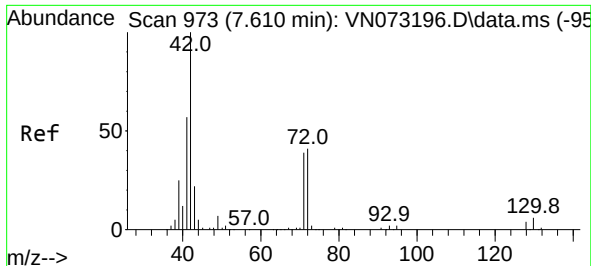


#28
 Bromochloromethane
 Concen: 22.788 ug/l
 RT: 7.587 min Scan# 969
 Delta R.T. 0.006 min
 Lab File: VN073527.D
 Acq: 20 Jul 2022 17:05



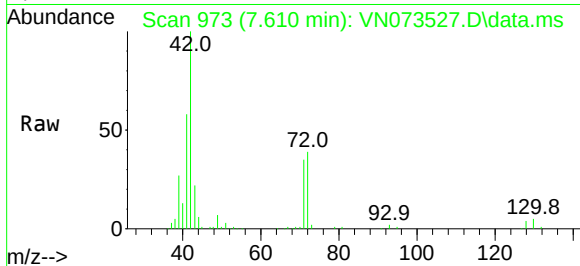
Tgt Ion: 49 Resp: 39956
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.6
 130 68.5 69.7 104.5#





#29
Tetrahydrofuran
Concen: 128.388 ug/l
RT: 7.610 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

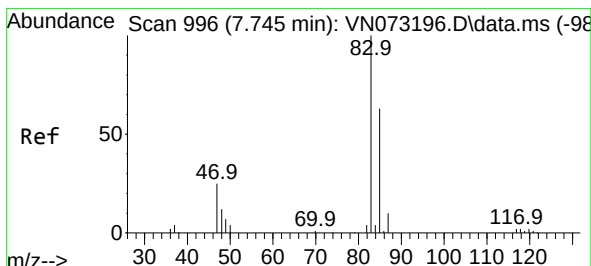
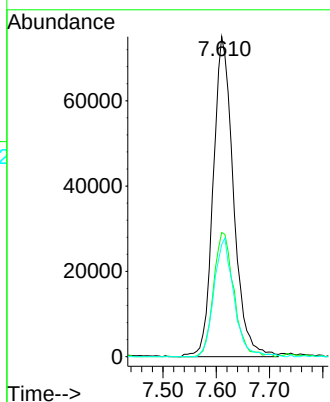
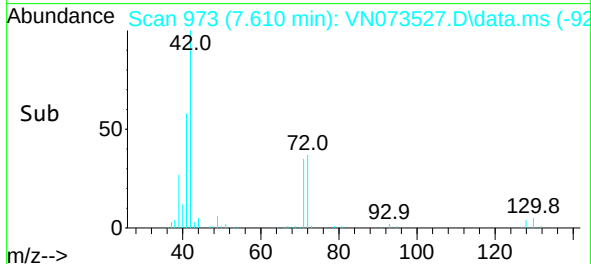
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



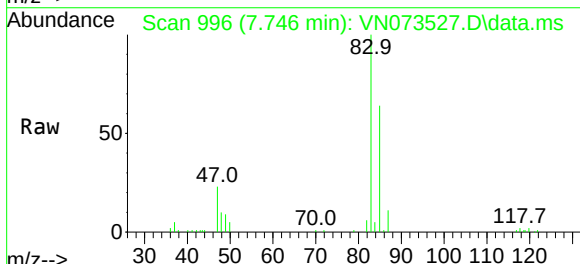
Tgt Ion: 42 Resp: 198279
Ion Ratio Lower Upper
42 100
72 39.0 39.7 59.5
71 36.5 36.6 55.0

Manual Integrations
APPROVED

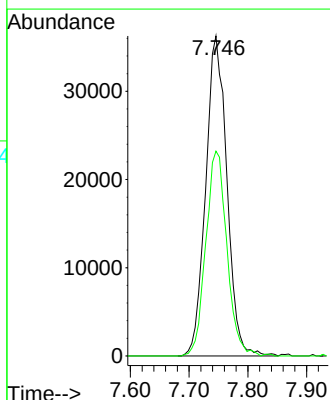
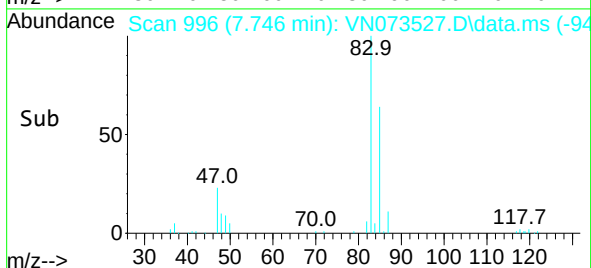
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

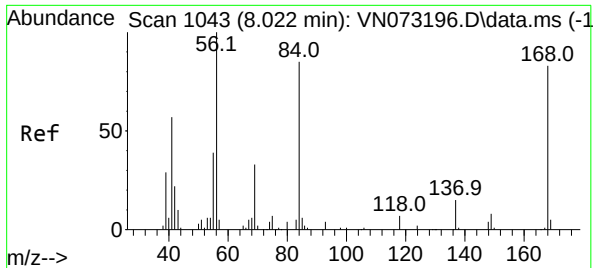


#30
Chloroform
Concen: 21.563 ug/l
RT: 7.746 min Scan# 996
Delta R.T. 0.001 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05



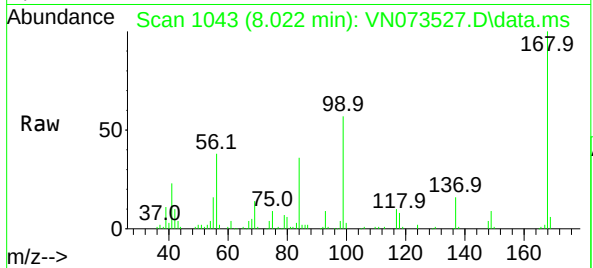
Tgt Ion: 83 Resp: 90925
Ion Ratio Lower Upper
83 100
85 64.0 51.8 77.8





#31
Cyclohexane
Concen: 16.594 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

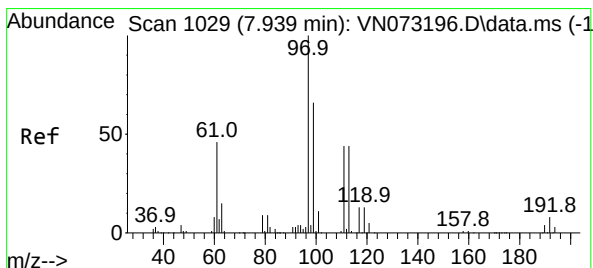
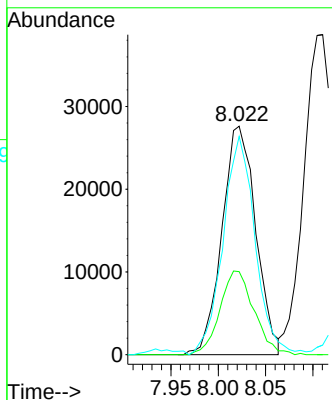
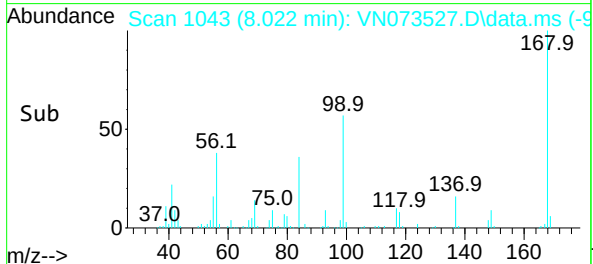
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



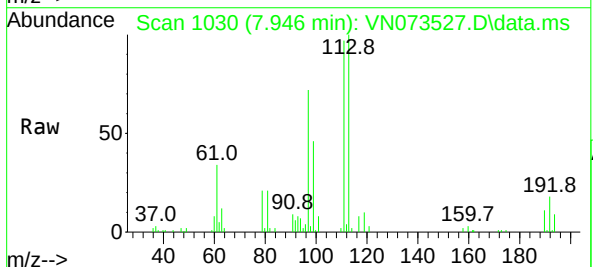
Tgt Ion: 56 Resp: 6859
Ion Ratio Lower Upper
56 100
69 36.3 27.8 41.8
84 94.1 76.9 115.3

Manual Integrations
APPROVED

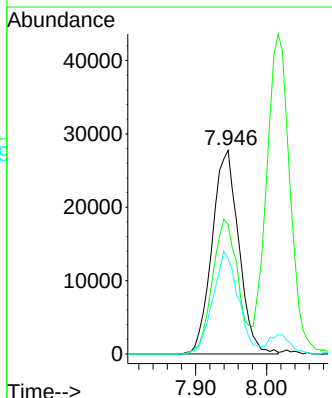
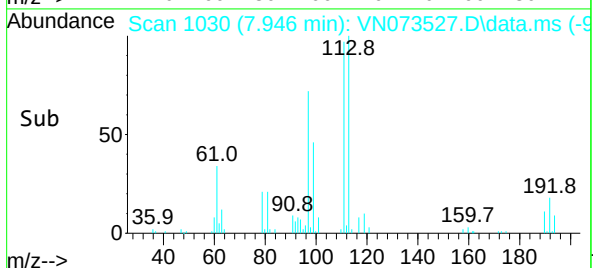
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

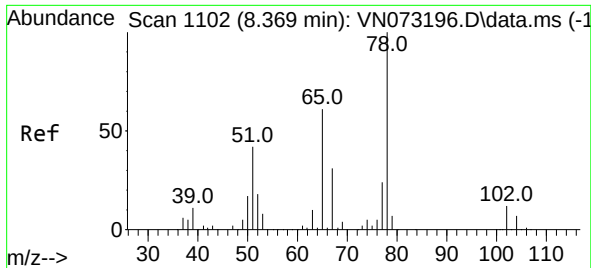


#32
1,1,1-Trichloroethane
Concen: 19.249 ug/l
RT: 7.946 min Scan# 1030
Delta R.T. 0.007 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05



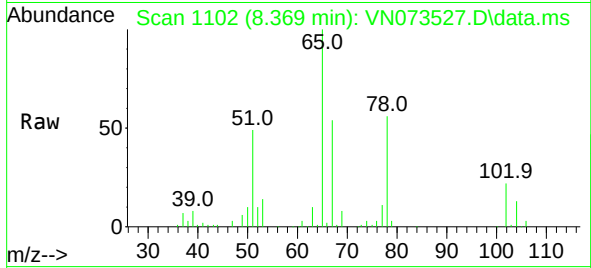
Tgt Ion: 97 Resp: 72335
Ion Ratio Lower Upper
97 100
99 64.6 50.6 76.0
61 48.5 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 49.135 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

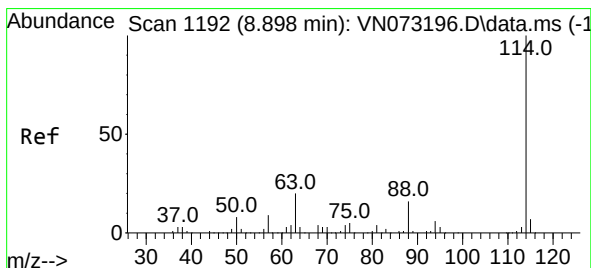
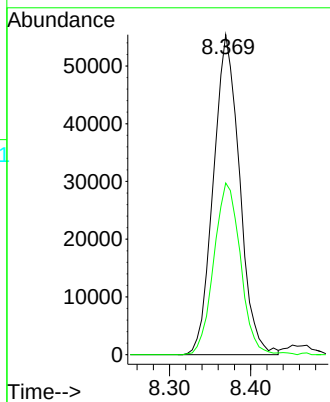
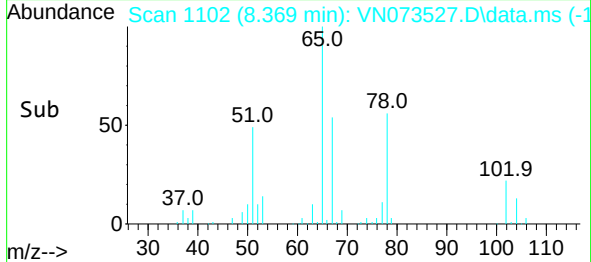
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



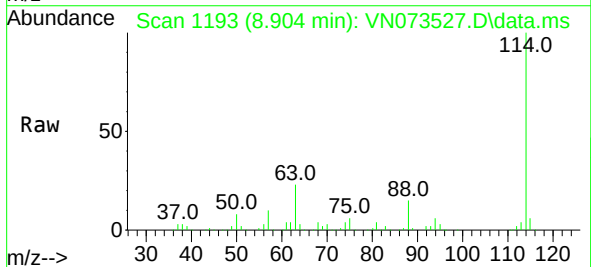
Tgt Ion: 65 Resp: 12400
Ion Ratio Lower Upper
65 100
67 54.5 0.0 104.8

Manual Integrations
APPROVED

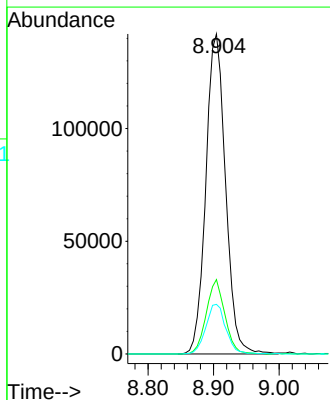
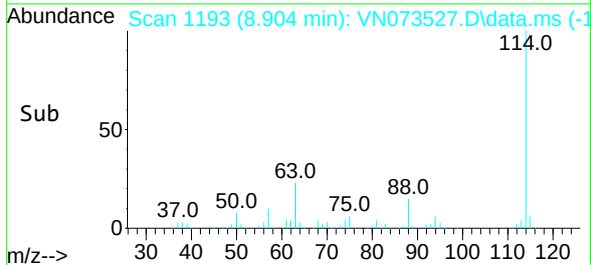
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

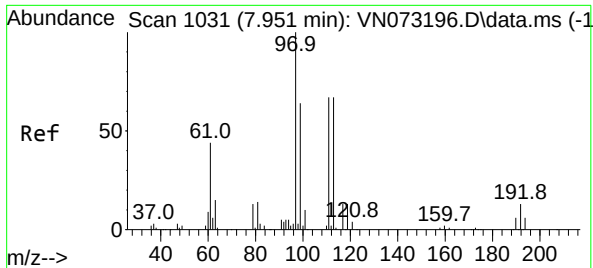


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05



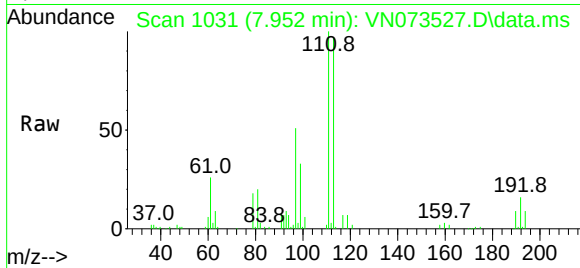
Tgt Ion:114 Resp: 296438
Ion Ratio Lower Upper
114 100
63 23.3 0.0 40.0
88 15.5 0.0 32.6





#35
Dibromofluoromethane
Concen: 51.658 ug/l
RT: 7.952 min Scan# 1031
Delta R.T. 0.001 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

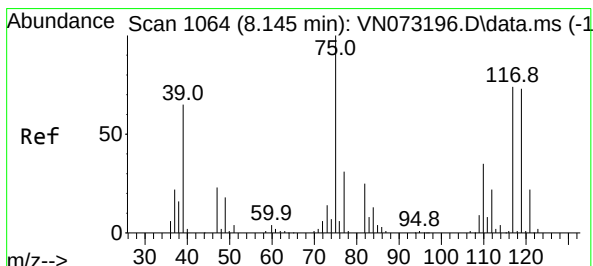
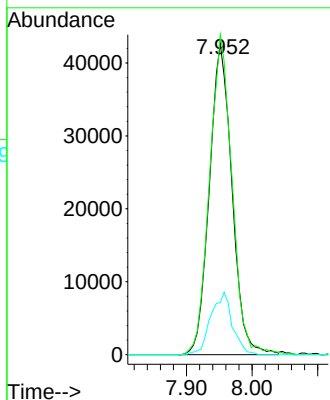
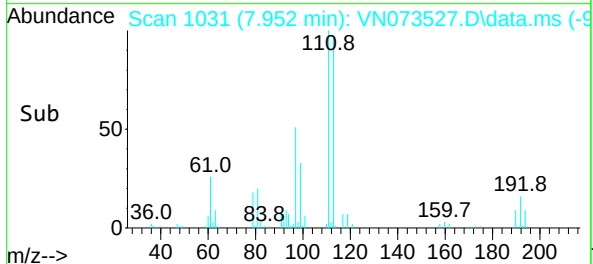
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



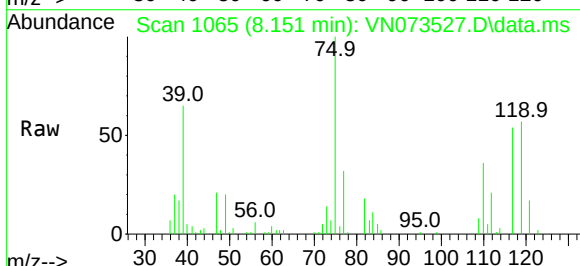
Tgt Ion: 113 Resp: 10188
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 19.2 17.0 25.6

Manual Integrations
APPROVED

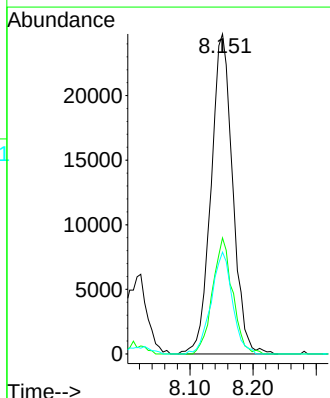
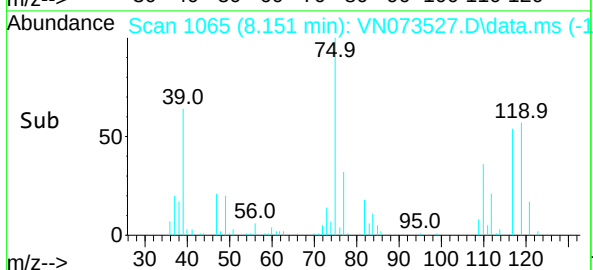
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

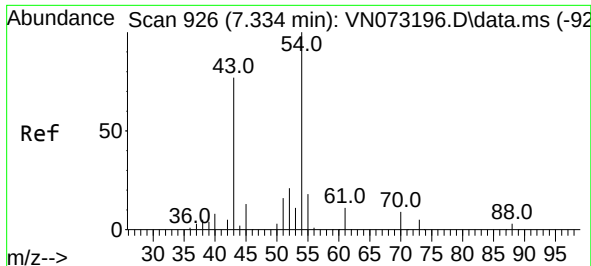


#36
1,1-Dichloropropene
Concen: 19.386 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05



Tgt Ion: 75 Resp: 58830
Ion Ratio Lower Upper
75 100
110 33.6 18.3 54.8
77 31.1 25.1 37.7





#37

Ethyl Acetate

Concen: 24.193 ug/l

RT: 7.340 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN073527.D

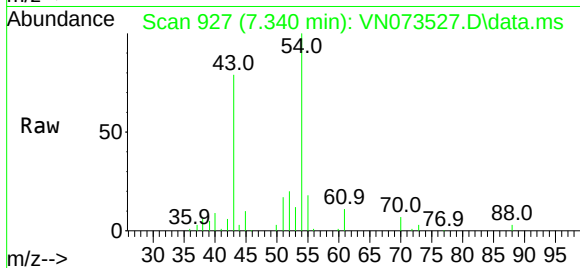
Acq: 20 Jul 2022 17:05

Instrument :

MSVOA_N

ClientSampleId :

VN0720MBS01



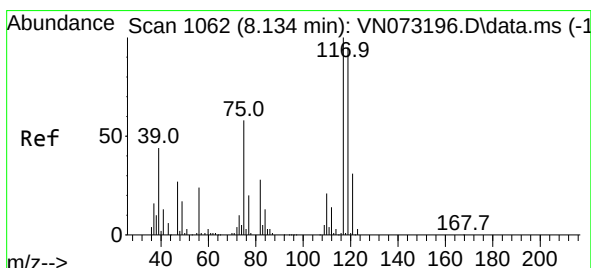
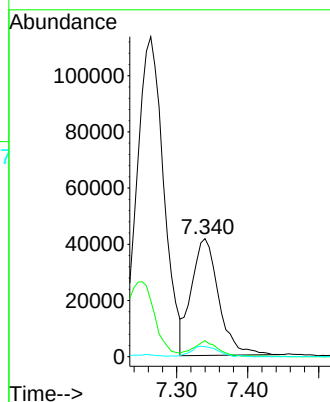
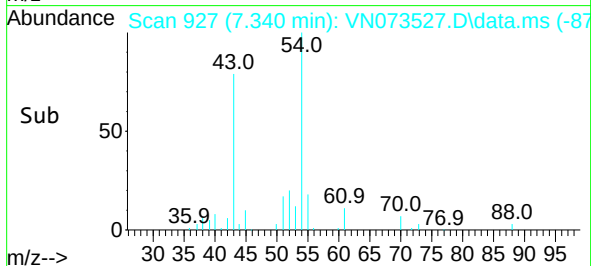
Tgt Ion:	43	Resp:	11093
Ion Ratio	Lower	Upper	
43	100		
61	12.4	11.8	17.6
70	8.8	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#38

Carbon Tetrachloride

Concen: 18.723 ug/l

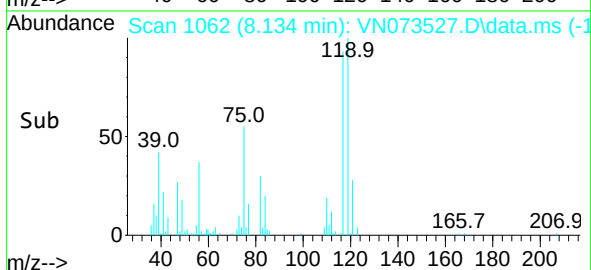
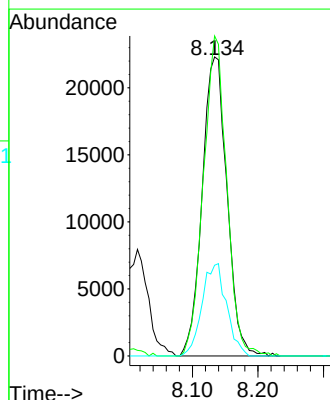
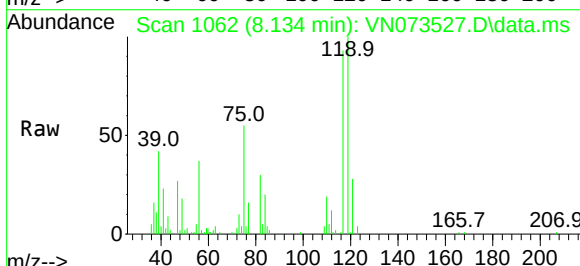
RT: 8.134 min Scan# 1062

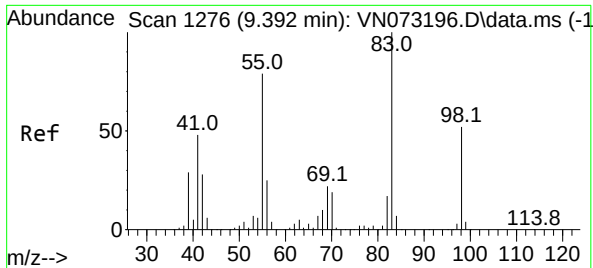
Delta R.T. -0.000 min

Lab File: VN073527.D

Acq: 20 Jul 2022 17:05

Tgt Ion:	117	Resp:	58757
Ion Ratio	Lower	Upper	
117	100		
119	107.0	75.8	113.8
121	30.3	24.6	37.0





#39

Methylcyclohexane

Concen: 16.191 ug/l

RT: 9.393 min Scan# 1107

Delta R.T. 0.001 min

Lab File: VN073527.D

Acq: 20 Jul 2022 17:05

Instrument :

MSVOA_N

ClientSampleId :

VN0720MBS01

Tgt Ion: 83 Resp: 61172

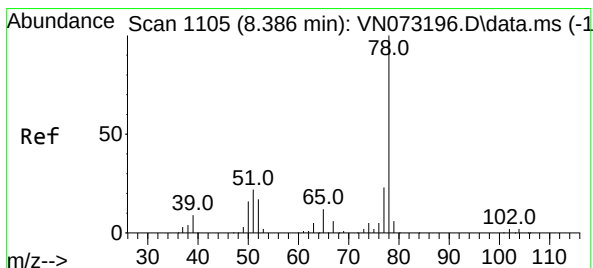
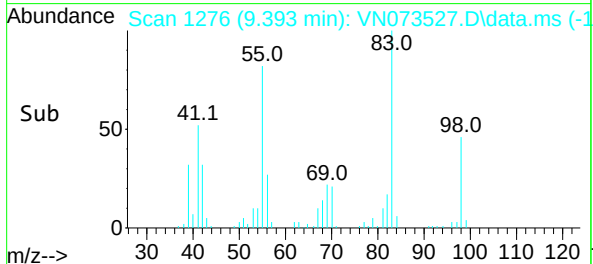
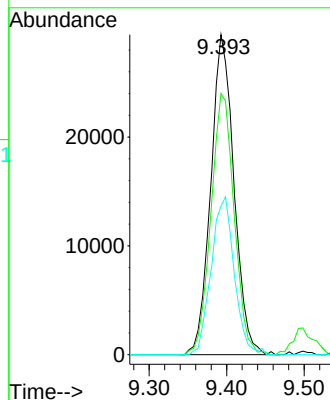
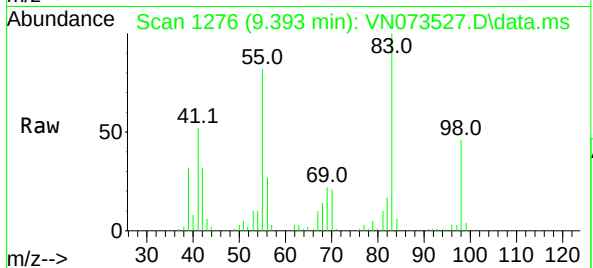
Ion	Ratio	Lower	Upper
83	100		
55	81.6	57.8	86.8
98	46.4	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#40

Benzene

Concen: 20.344 ug/l

RT: 8.393 min Scan# 1106

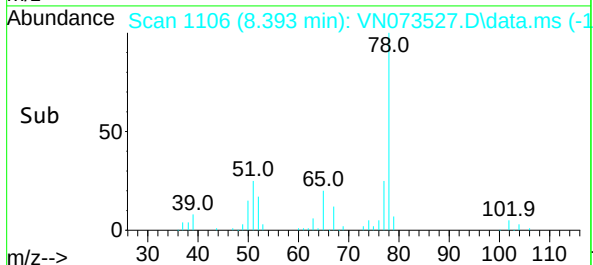
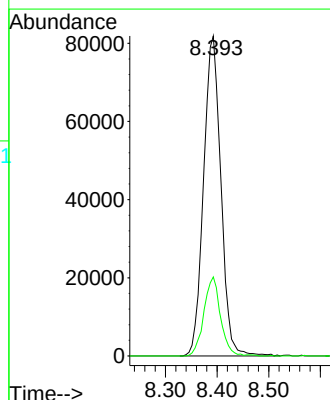
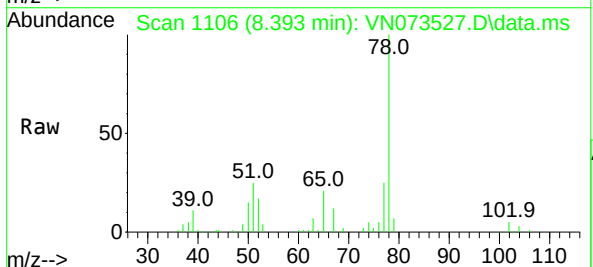
Delta R.T. 0.007 min

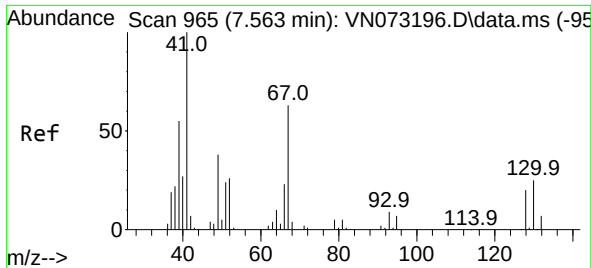
Lab File: VN073527.D

Acq: 20 Jul 2022 17:05

Tgt Ion: 78 Resp: 190531

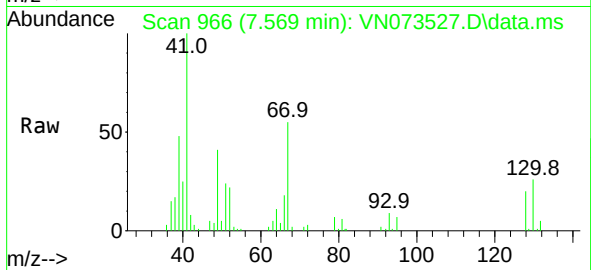
Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.4	29.0





#41
Methacrylonitrile
Concen: 24.403 ug/l
RT: 7.569 min Scan# 965
Delta R.T. 0.006 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

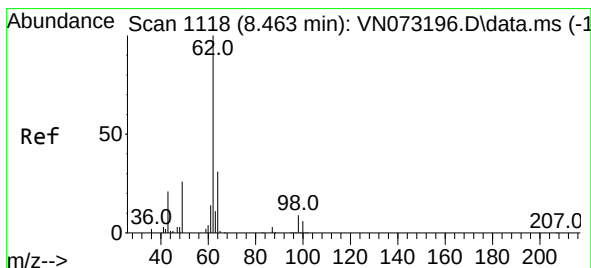
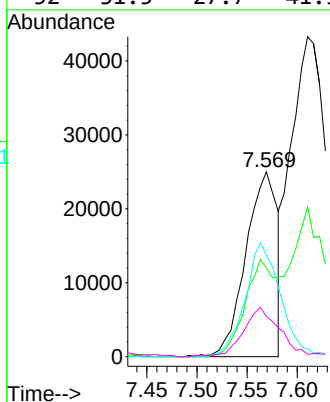
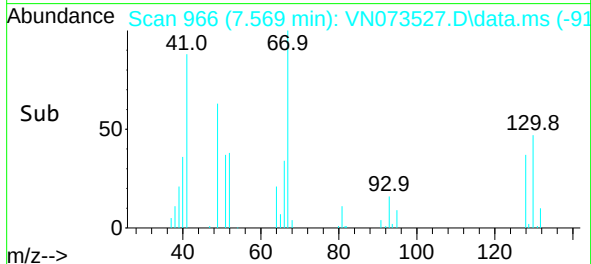
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



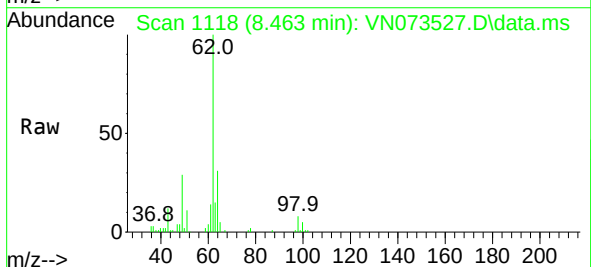
Tgt Ion:	41	Resp:	5426
Ion Ratio	100	Lower	Upper
39	52.4	48.6	73.0
67	69.4	73.4	110.2
52	31.5	27.7	41.5

Manual Integrations
APPROVED

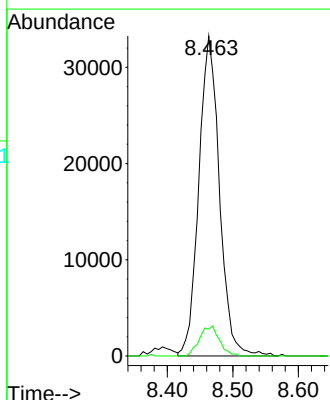
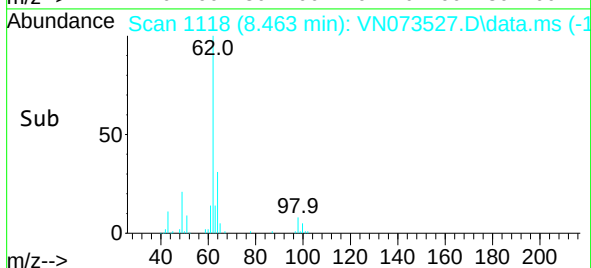
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

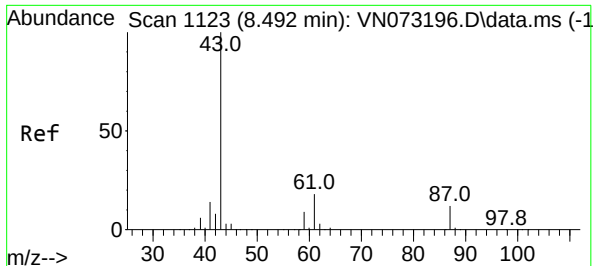


#42
1,2-Dichloroethane
Concen: 21.480 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05



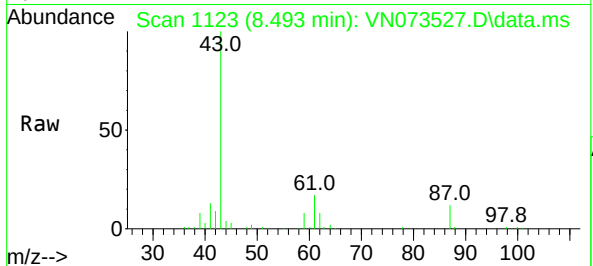
Tgt Ion:	62	Resp:	72923
Ion Ratio	100	Lower	Upper
98	9.0	0.0	19.4





#43
Isopropyl Acetate
Concen: 23.334 ug/l
RT: 8.493 min Scan# 1123
Delta R.T. 0.001 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

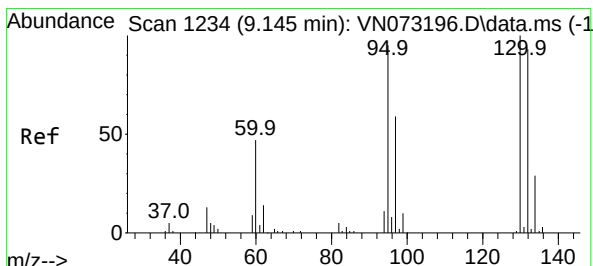
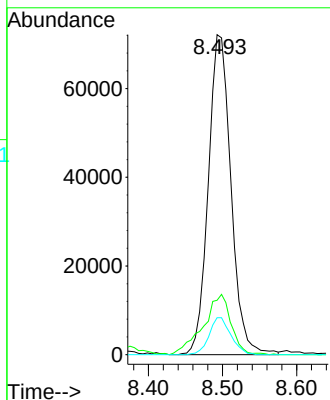
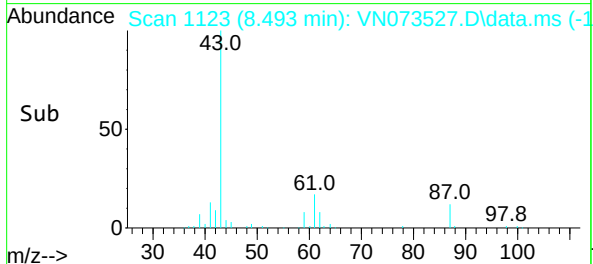
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



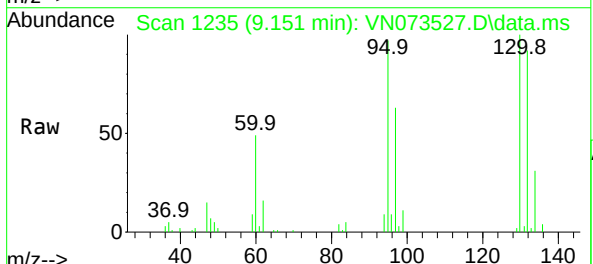
Tgt Ion: 43 Resp: 153769
Ion Ratio Lower Upper
43 100
61 23.1 21.9 32.9
87 11.1 12.0 18.0

Manual Integrations
APPROVED

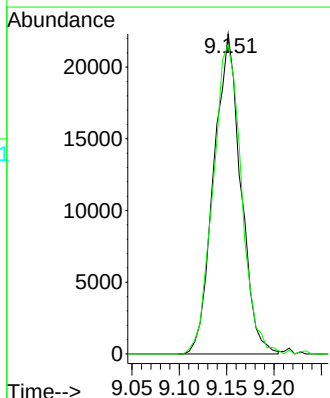
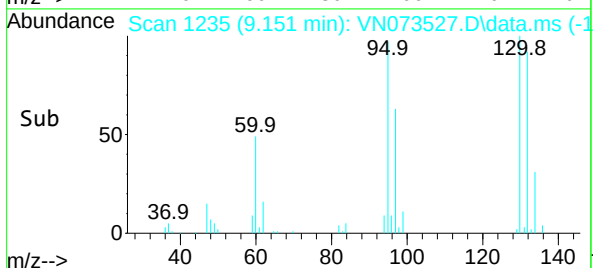
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

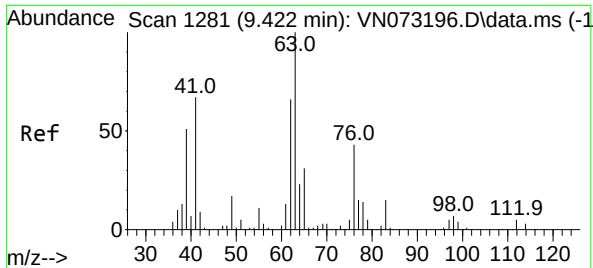


#44
Trichloroethene
Concen: 18.586 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05



Tgt Ion:130 Resp: 44298
Ion Ratio Lower Upper
130 100
95 96.6 0.0 186.8





#45

1,2-Dichloropropane

Concen: 22.232 ug/l

RT: 9.428 min Scan# 1281

Delta R.T. 0.006 min

Lab File: VN073527.D

Acq: 20 Jul 2022 17:05

Instrument :

MSVOA_N

ClientSampleId :

VN0720MBS01

Tgt Ion: 63 Resp: 53070

Ion Ratio Lower Upper

63 100

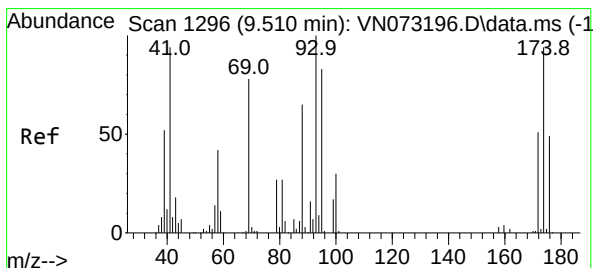
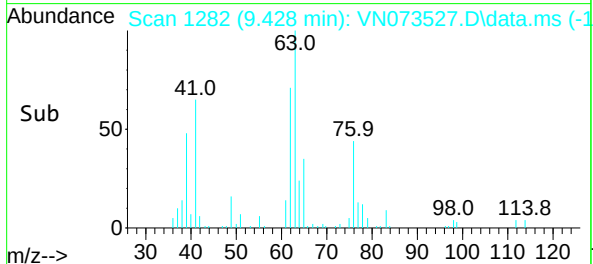
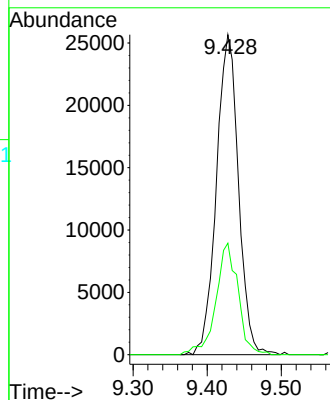
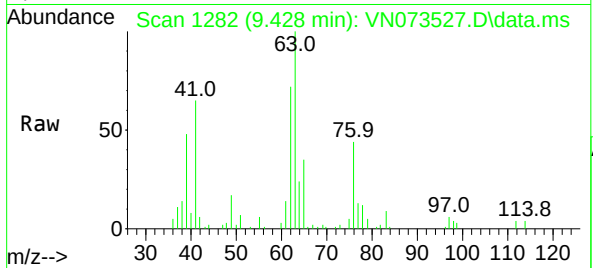
65 34.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#46

Dibromomethane

Concen: 21.445 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VN073527.D

Acq: 20 Jul 2022 17:05

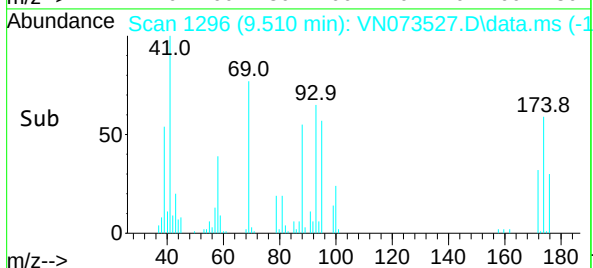
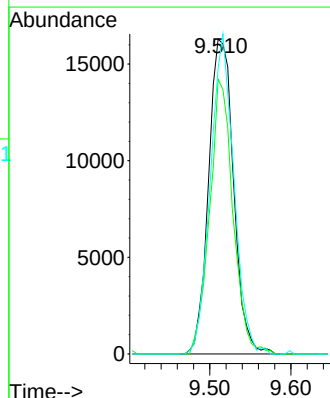
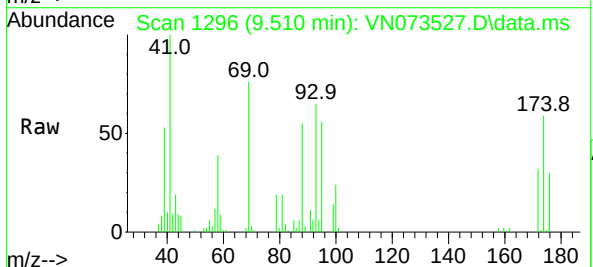
Tgt Ion: 93 Resp: 34758

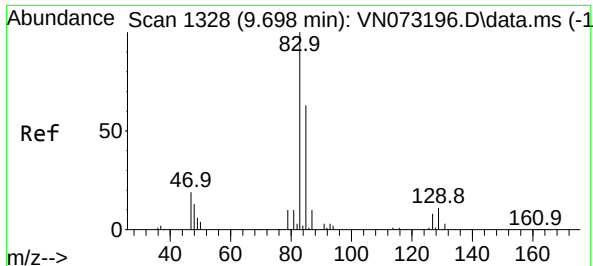
Ion Ratio Lower Upper

93 100

95 81.6 66.9 100.3

174 95.8 86.6 130.0





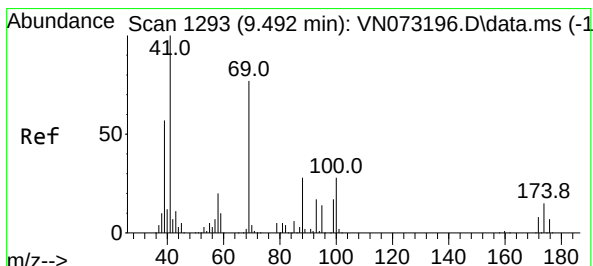
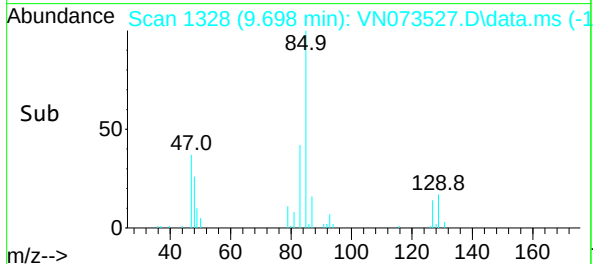
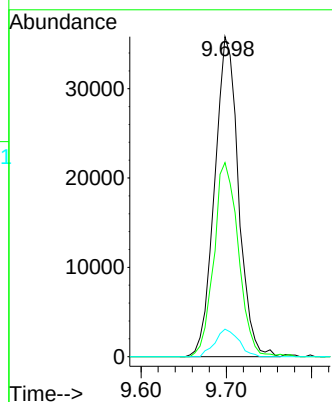
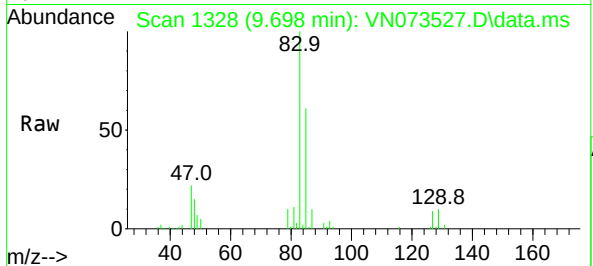
#47
Bromodichloromethane
Concen: 22.150 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01

Tgt Ion: 83 Resp: 6953
Ion Ratio Lower Upper
83 100
85 60.6 50.5 75.7
127 8.6 6.8 10.2

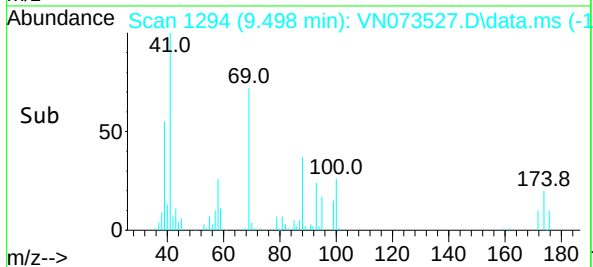
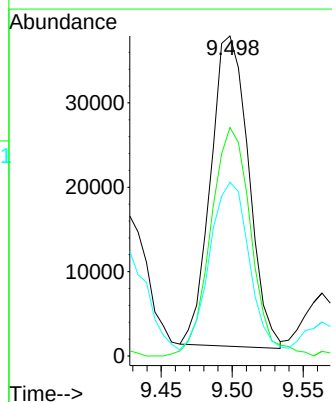
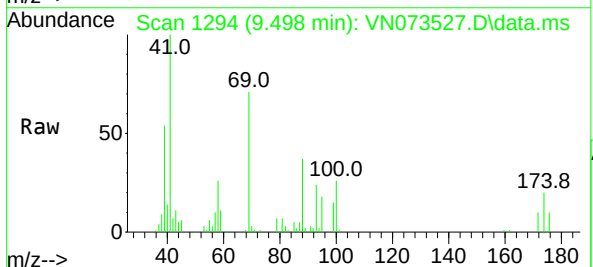
Manual Integrations
APPROVED

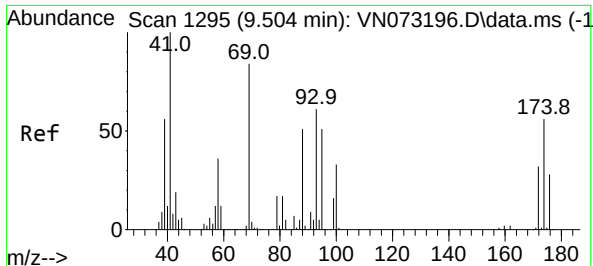
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#48
Methyl methacrylate
Concen: 22.361 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

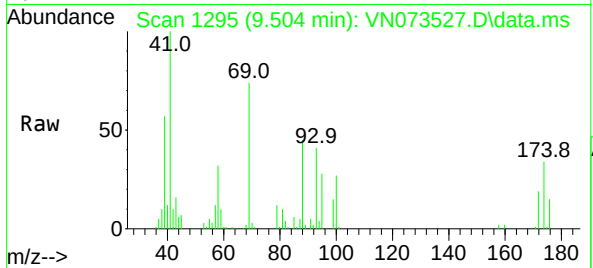
Tgt Ion: 41 Resp: 68229
Ion Ratio Lower Upper
41 100
69 78.1 74.7 112.1
39 60.2 45.6 68.4





#49
1,4-Dioxane
Concen: 543.853 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

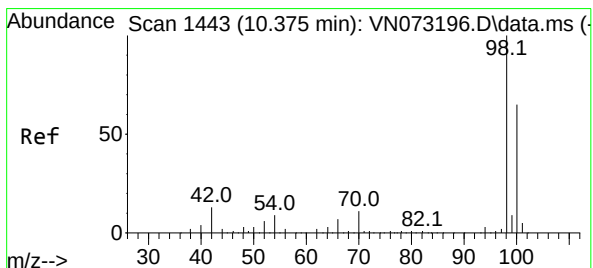
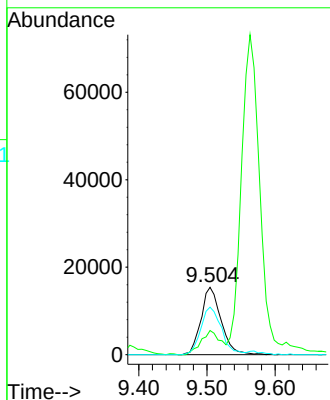
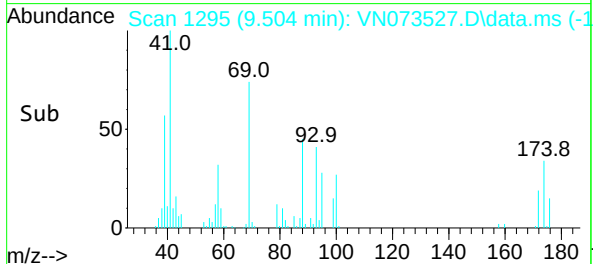
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



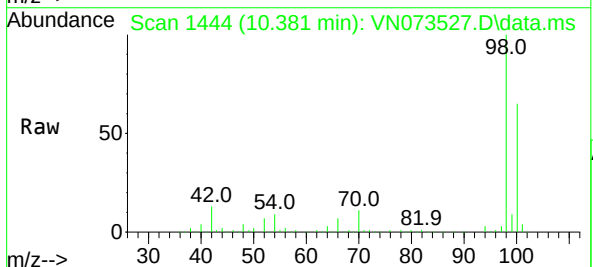
Tgt Ion: 88 Resp: 31502
Ion Ratio Lower Upper
88 100
43 34.3 20.2 30.4
58 72.9 54.2 81.4

Manual Integrations
APPROVED

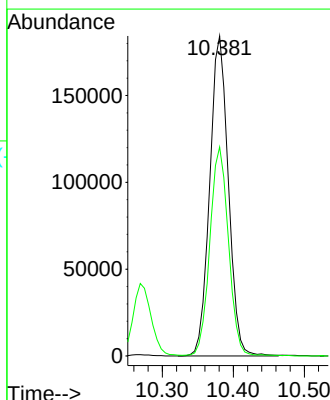
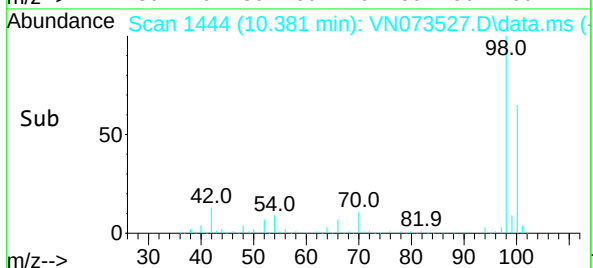
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

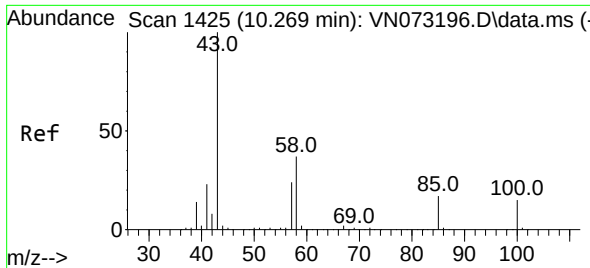


#50
Toluene-d8
Concen: 47.819 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05



Tgt Ion: 98 Resp: 334959
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8





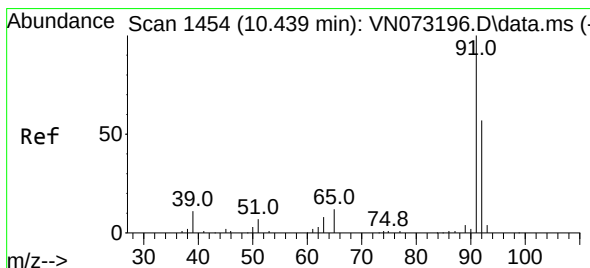
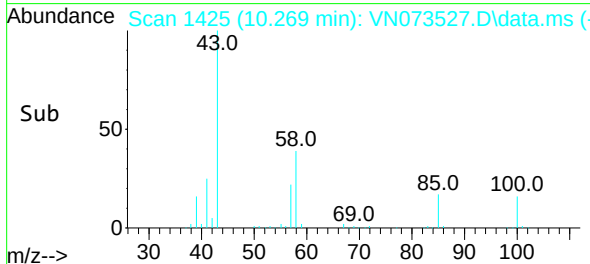
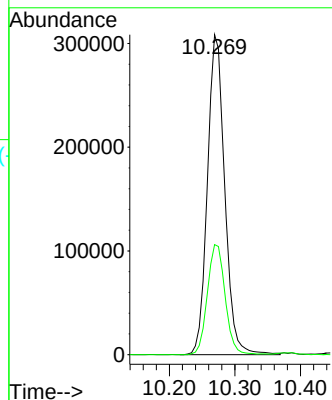
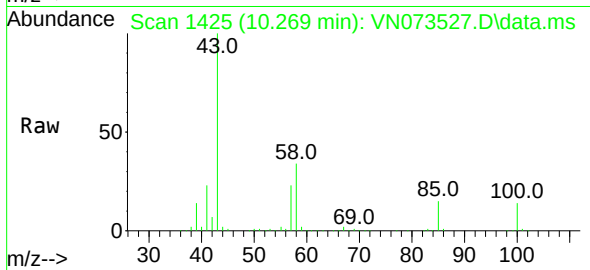
#51
4-Methyl-2-Pentanone
Concen: 135.747 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01

Tgt Ion: 43 Resp: 56729
Ion Ratio Lower Upper
43 100
58 35.3 34.1 51.1

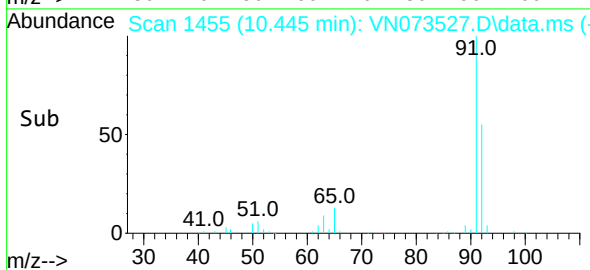
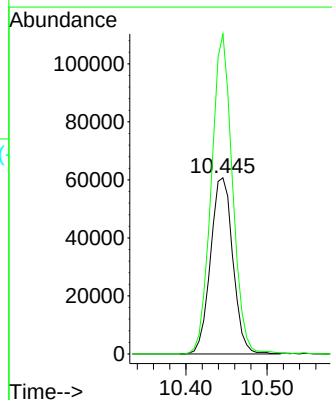
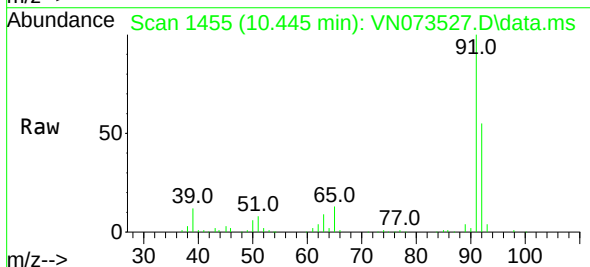
Manual Integrations
APPROVED

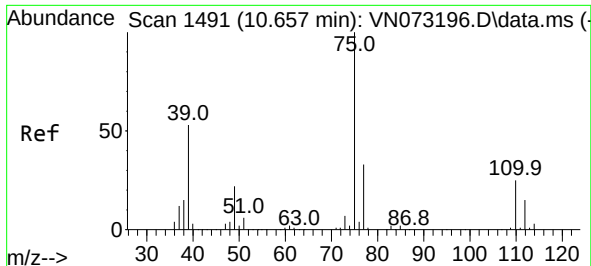
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#52
Toluene
Concen: 20.044 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

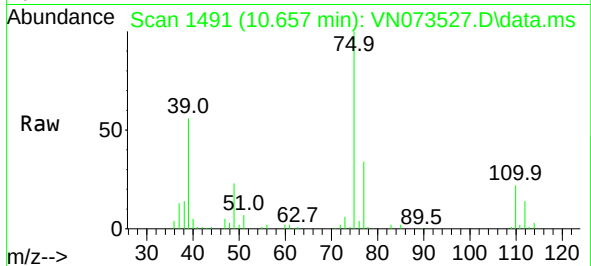
Tgt Ion: 92 Resp: 116015
Ion Ratio Lower Upper
92 100
91 172.2 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 20.007 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

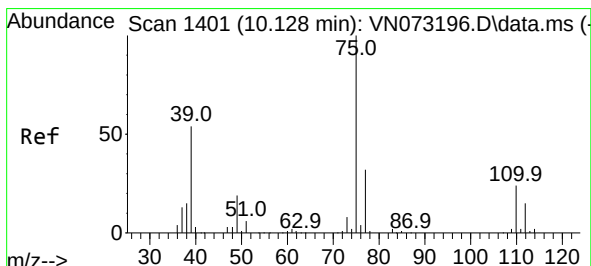
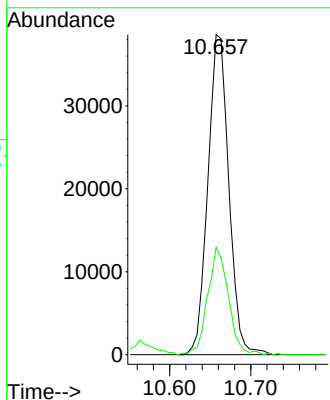
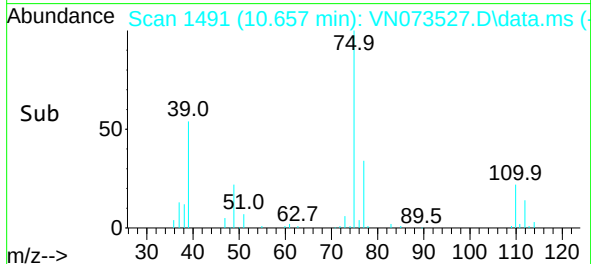
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



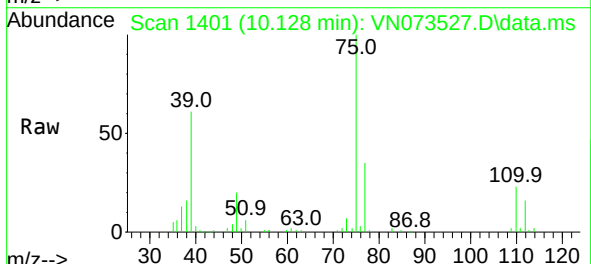
Tgt Ion: 75 Resp: 69139
Ion Ratio Lower Upper
75 100
77 33.6 25.6 38.4

Manual Integrations
APPROVED

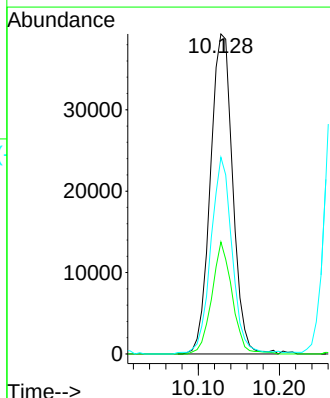
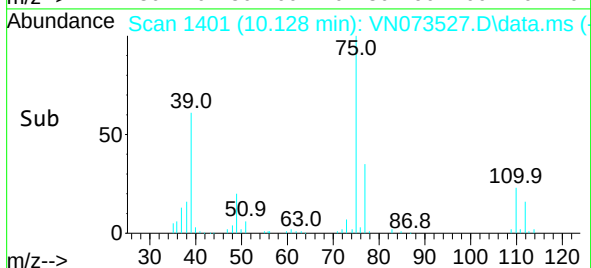
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

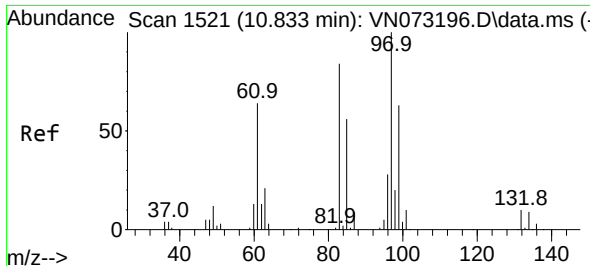


#54
cis-1,3-Dichloropropene
Concen: 20.130 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. -0.000 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05



Tgt Ion: 75 Resp: 75104
Ion Ratio Lower Upper
75 100
77 35.0 25.2 37.8
39 61.0 35.7 53.5#





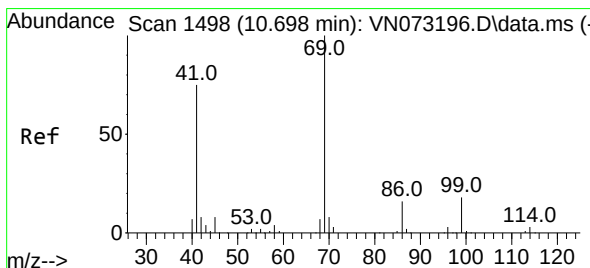
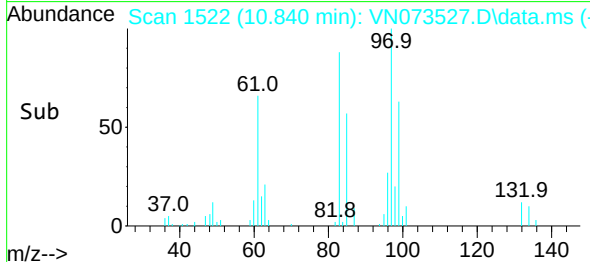
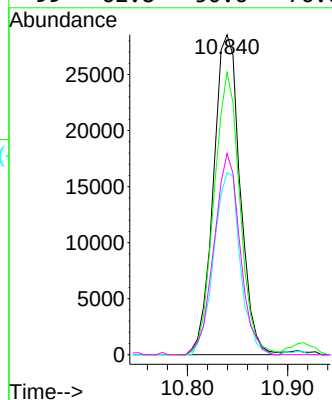
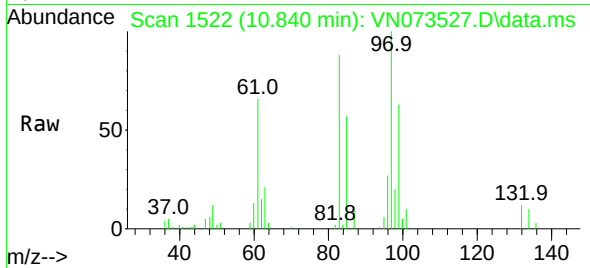
#55
1,1,2-Trichloroethane
Concen: 22.079 ug/l
RT: 10.840 min Scan# 1521
Delta R.T. 0.007 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01

Tgt Ion:	97	Resp:	52610
Ion	Ratio	Lower	Upper
97	100		
83	88.2	66.2	99.4
85	56.9	43.9	65.9
99	62.8	50.6	76.0

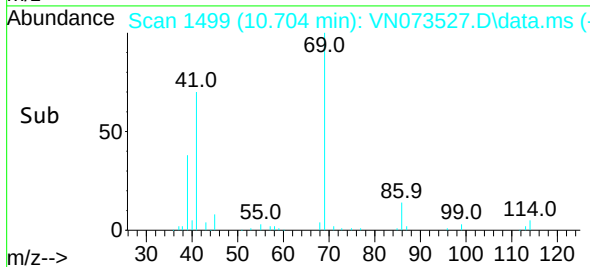
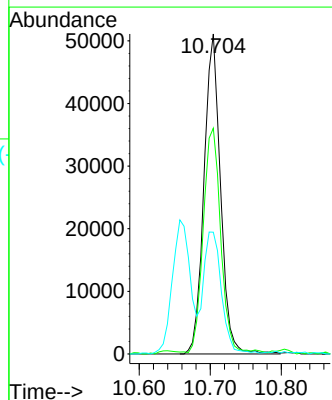
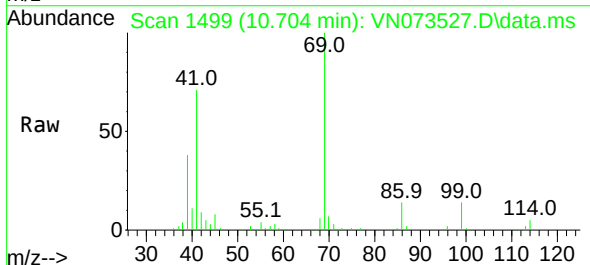
Manual Integrations
APPROVED

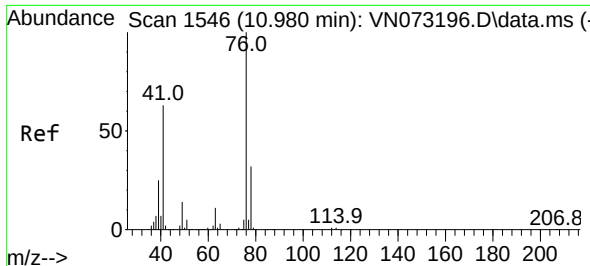
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#56
Ethyl methacrylate
Concen: 21.537 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.006 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

Tgt Ion:	69	Resp:	82946
Ion	Ratio	Lower	Upper
69	100		
41	73.4	47.8	71.6#
39	40.6	27.3	40.9





#57

1,3-Dichloropropane

Concen: 21.678 ug/l

RT: 10.987 min Scan# 1546

Delta R.T. 0.007 min

Lab File: VN073527.D

Acq: 20 Jul 2022 17:05

Instrument :

MSVOA_N

ClientSampleId :

VN0720MBS01

Tgt Ion: 76 Resp: 88549

Ion Ratio Lower Upper

76 100

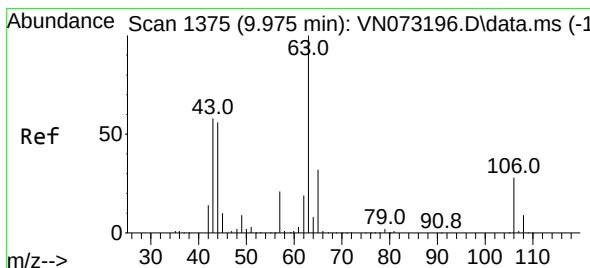
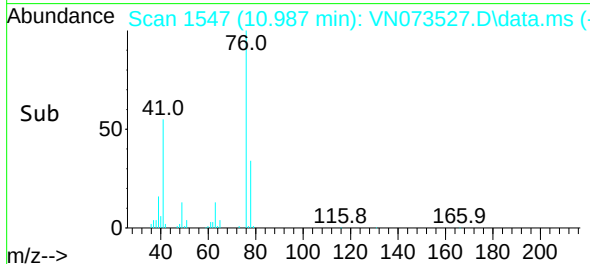
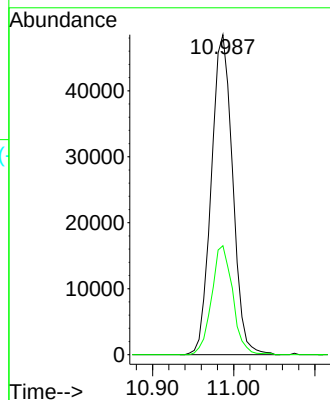
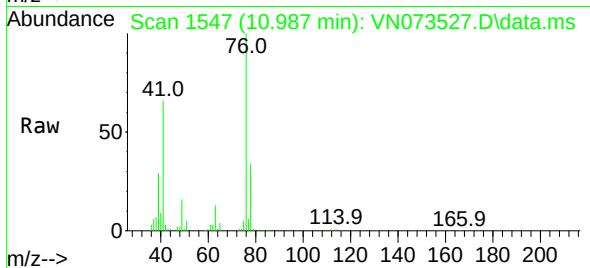
78 33.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 92.570 ug/l

RT: 9.981 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VN073527.D

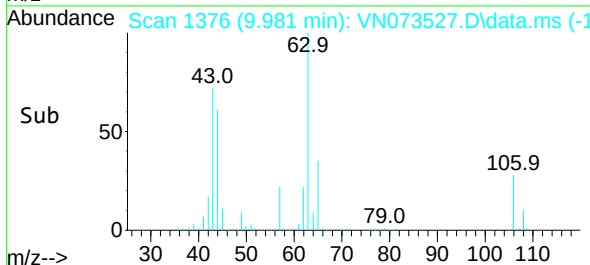
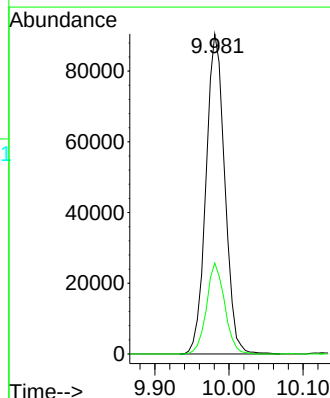
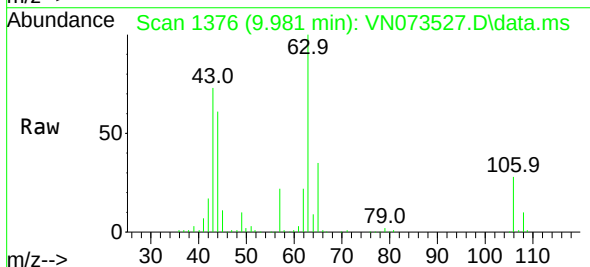
Acq: 20 Jul 2022 17:05

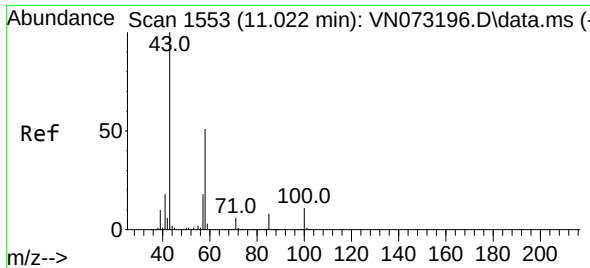
Tgt Ion: 63 Resp: 159000

Ion Ratio Lower Upper

63 100

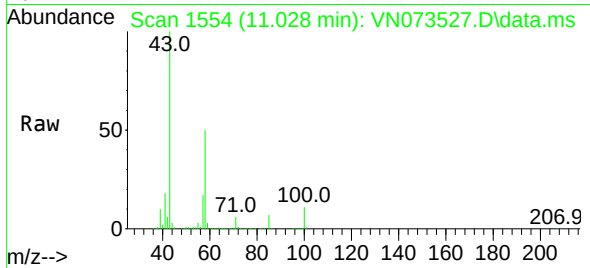
106 27.5 24.6 36.8





#59
2-Hexanone
Concen: 135.814 ug/l
RT: 11.028 min Scan# 1553
Delta R.T. 0.006 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

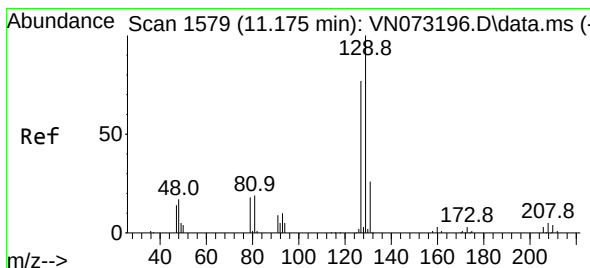
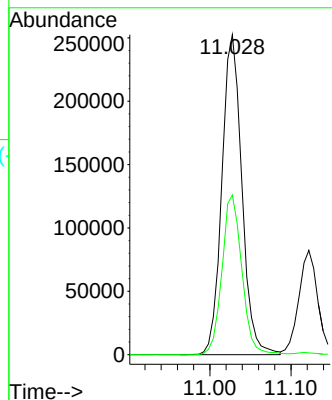
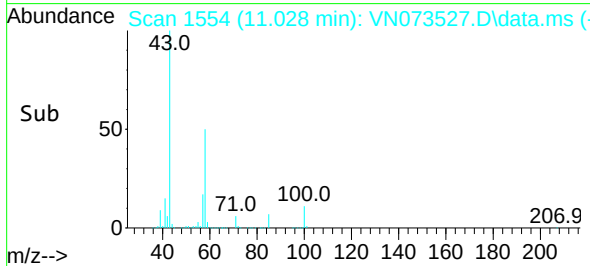
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



Tgt Ion: 43 Resp: 43264
Ion Ratio Lower Upper
43 100
58 49.5 29.7 89.1

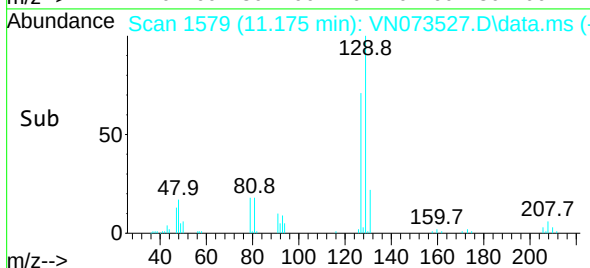
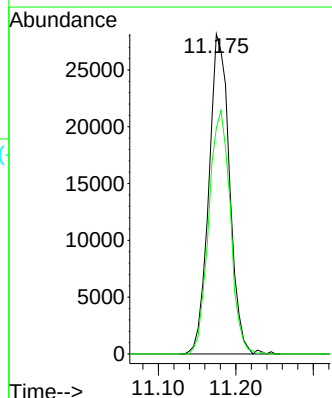
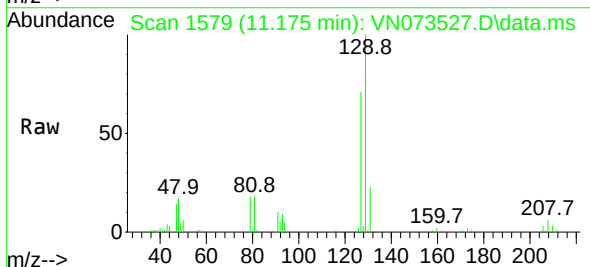
Manual Integrations
APPROVED

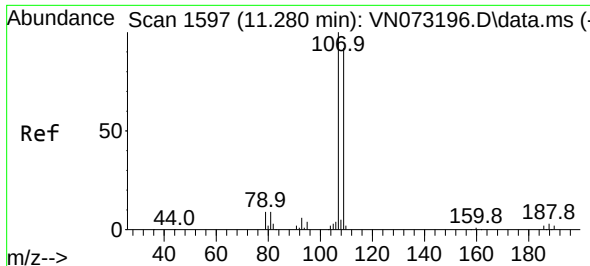
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#60
Dibromochloromethane
Concen: 22.919 ug/l
RT: 11.175 min Scan# 1579
Delta R.T. -0.000 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

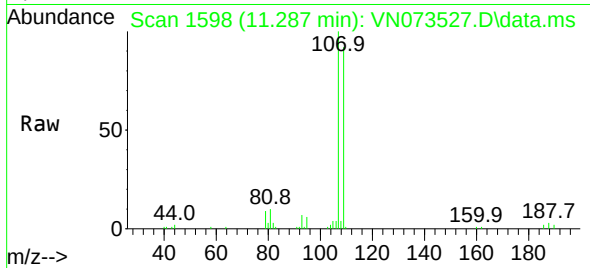
Tgt Ion:129 Resp: 52068
Ion Ratio Lower Upper
129 100
127 79.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 21.331 ug/l
RT: 11.287 min Scan# 11
Delta R.T. 0.007 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

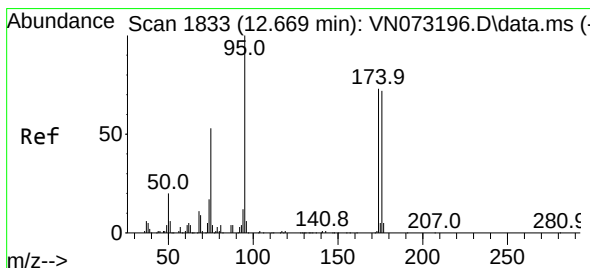
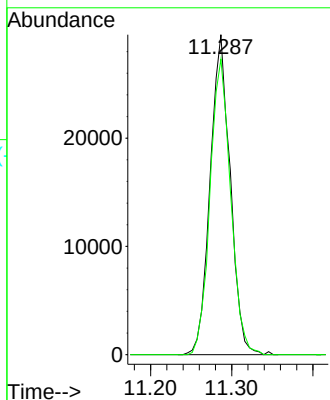
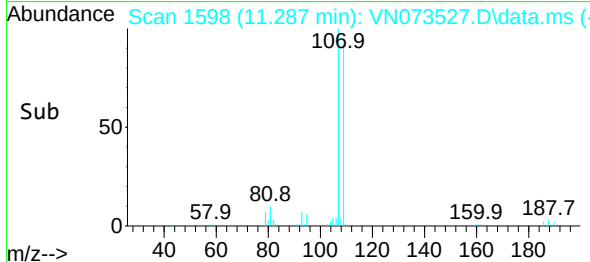
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



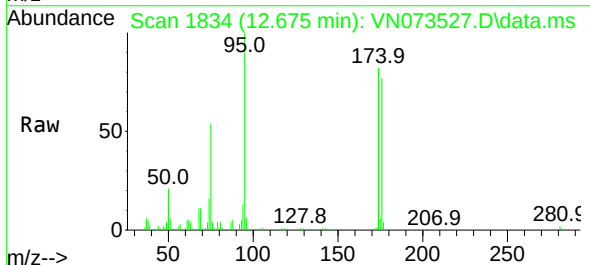
Tgt Ion:107 Resp: 5076
Ion Ratio Lower Upper
107 100
109 94.8 75.0 112.6

Manual Integrations
APPROVED

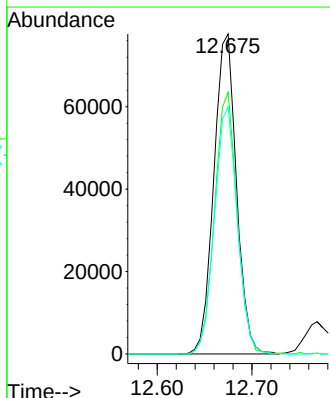
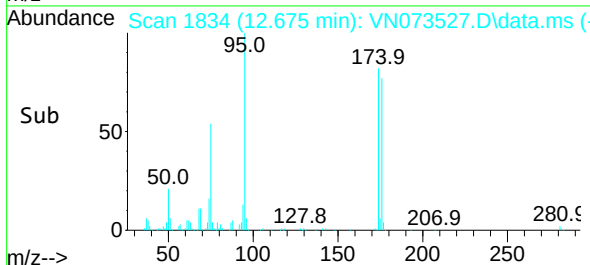
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

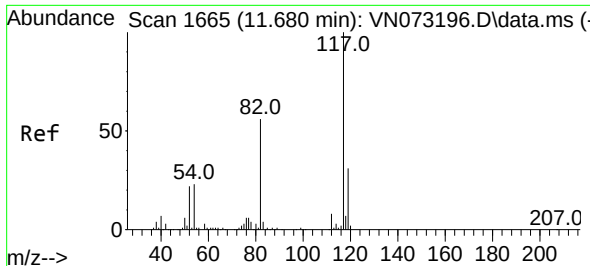


#62
4-Bromofluorobenzene
Concen: 47.826 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05



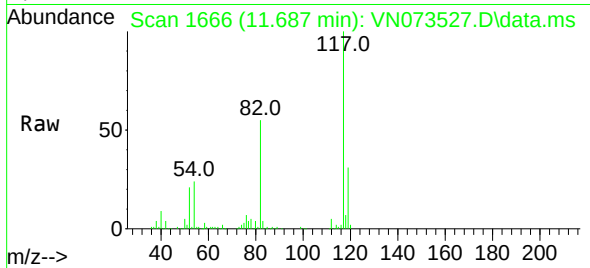
Tgt Ion: 95 Resp: 128743
Ion Ratio Lower Upper
95 100
174 81.4 0.0 167.6
176 78.0 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.687 min Scan# 11666
Delta R.T. 0.007 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

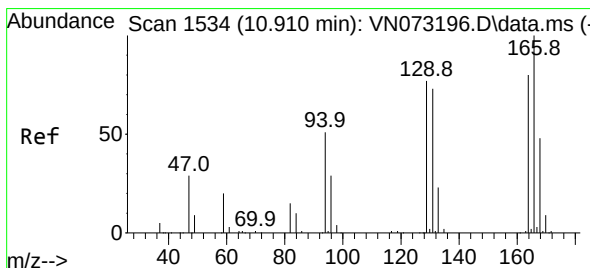
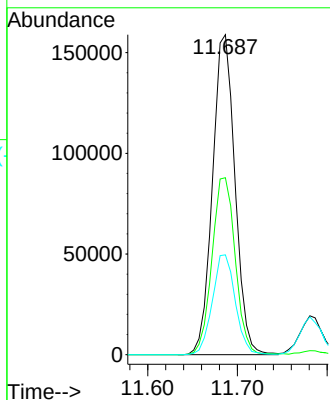
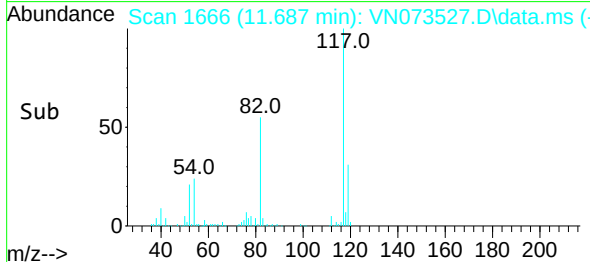
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



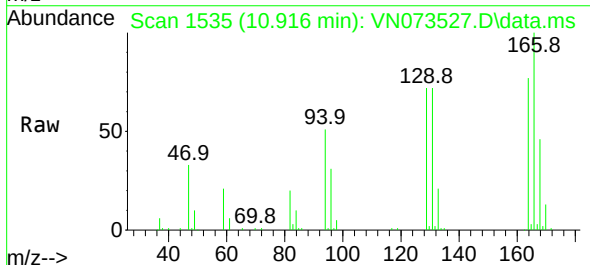
Tgt Ion:117 Resp: 27690
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.2
119 31.2 25.4 38.0

Manual Integrations
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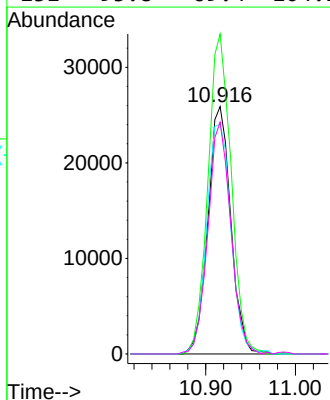
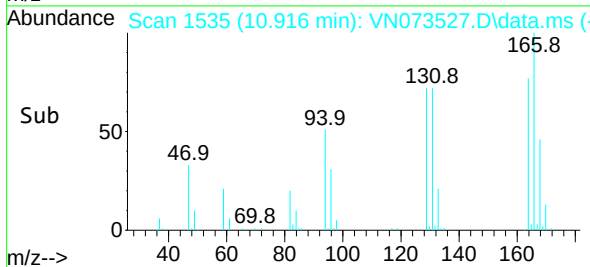
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

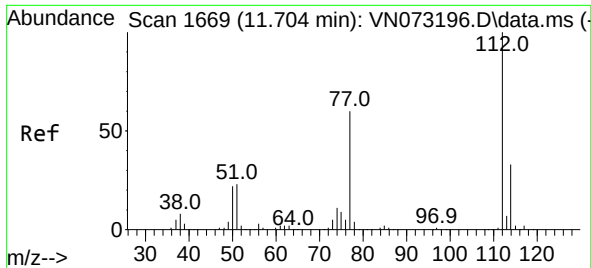


#64
Tetrachloroethene
Concen: 20.394 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.006 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05



Tgt Ion:164 Resp: 46113
Ion Ratio Lower Upper
164 100
166 129.4 104.2 156.2
129 92.8 73.9 110.9
131 93.8 69.4 104.2





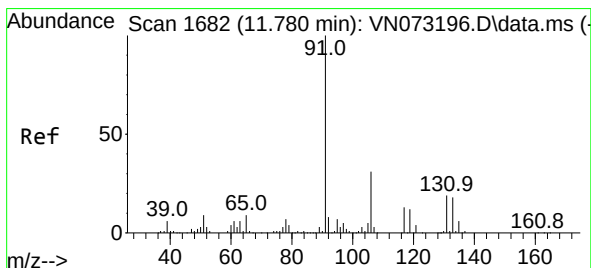
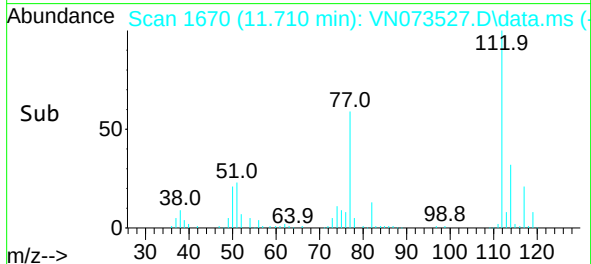
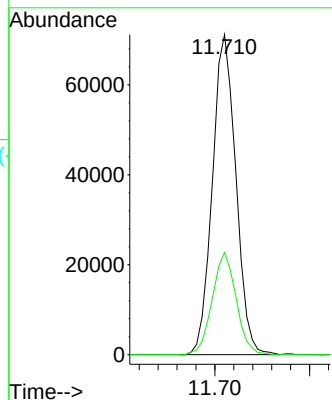
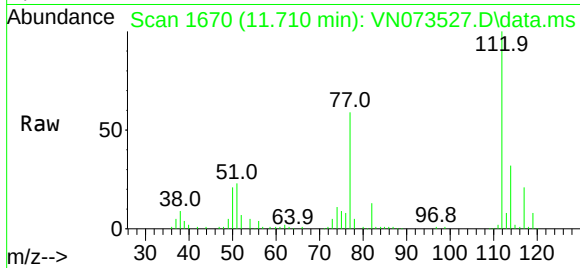
#65
Chlorobenzene
Concen: 19.594 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.006 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01

Tgt Ion:112 Resp: 122709
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

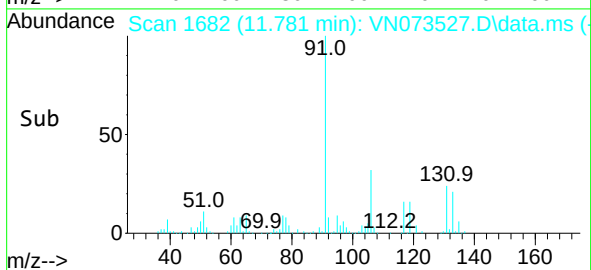
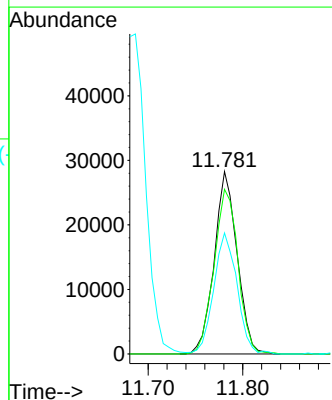
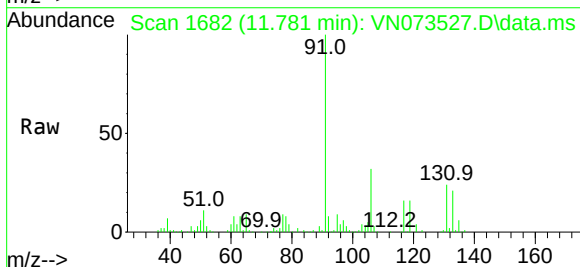
Manual Integrations
APPROVED

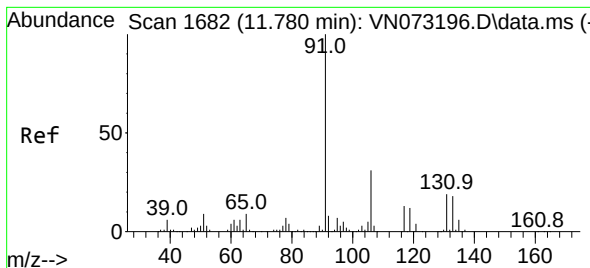
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.658 ug/l
RT: 11.781 min Scan# 1682
Delta R.T. 0.001 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

Tgt Ion:131 Resp: 47586
Ion Ratio Lower Upper
131 100
133 94.7 47.8 143.4
119 67.6 33.4 100.2





#67

Ethyl Benzene

Concen: 19.036 ug/l

RT: 11.787 min Scan# 1

Delta R.T. 0.007 min

Lab File: VN073527.D

Acq: 20 Jul 2022 17:05

Instrument :

MSVOA_N

ClientSampleId :

VN0720MBS01

Tgt Ion: 91 Resp: 216429

Ion Ratio Lower Upper

91 100

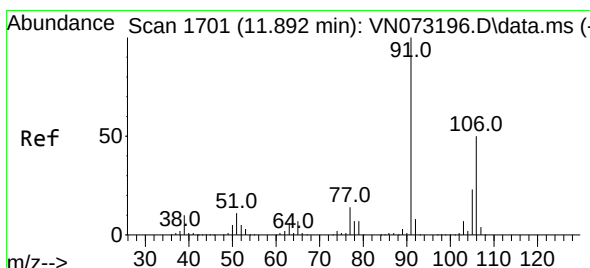
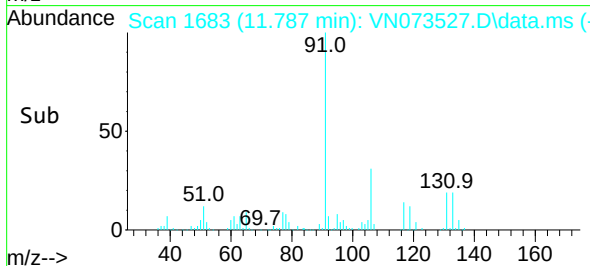
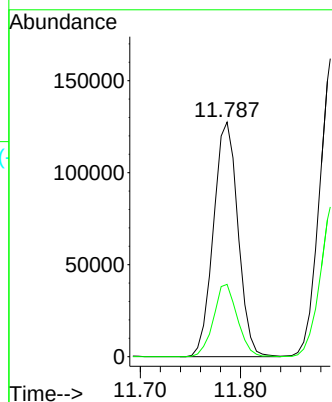
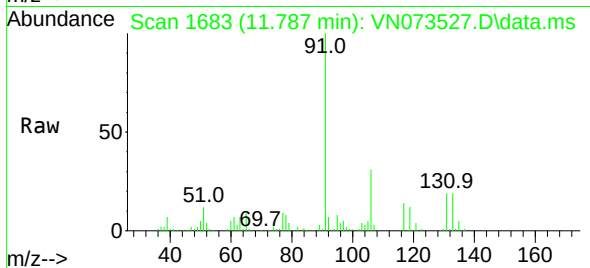
106 30.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#68

m/p-Xylenes

Concen: 38.051 ug/l

RT: 11.892 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN073527.D

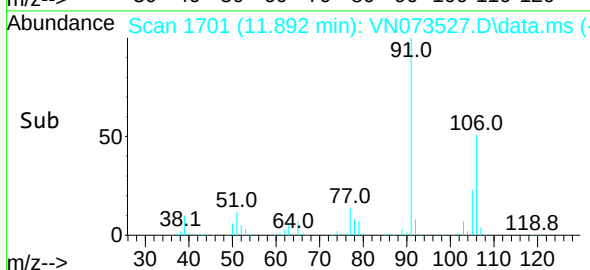
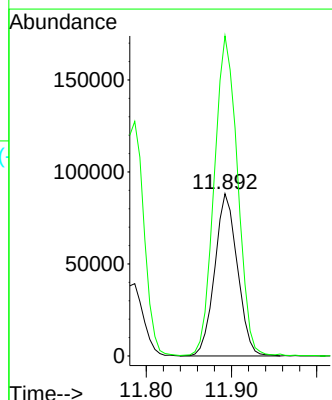
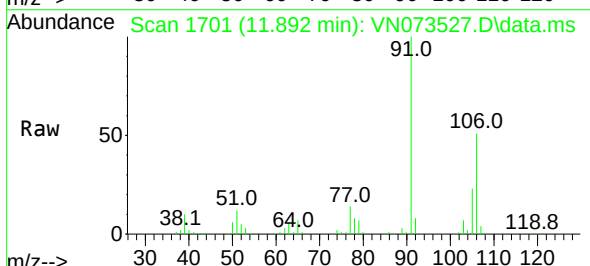
Acq: 20 Jul 2022 17:05

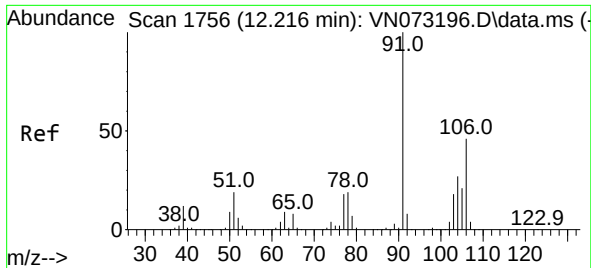
Tgt Ion:106 Resp: 163268

Ion Ratio Lower Upper

106 100

91 203.6 158.9 238.3





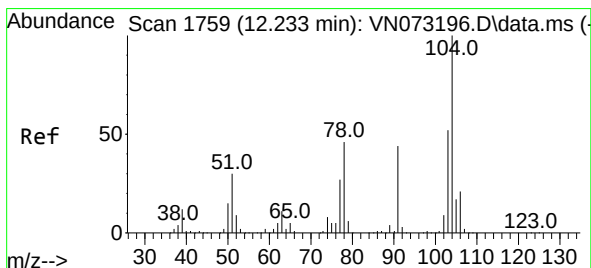
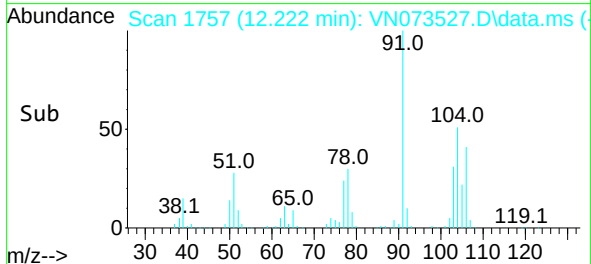
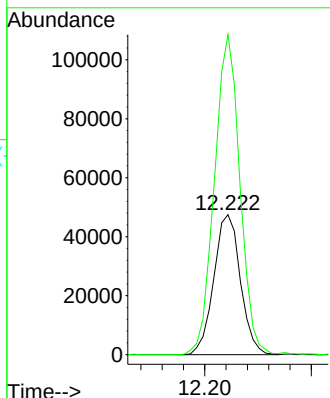
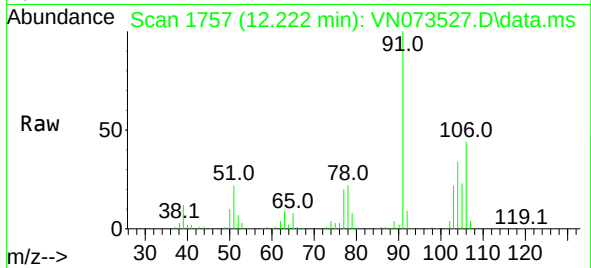
#69
o-Xylene
Concen: 18.747 ug/l
RT: 12.222 min Scan# 1756
Delta R.T. 0.006 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01

Tgt Ion:106 Resp: 82120
Ion Ratio Lower Upper
106 100
91 218.9 106.0 318.0

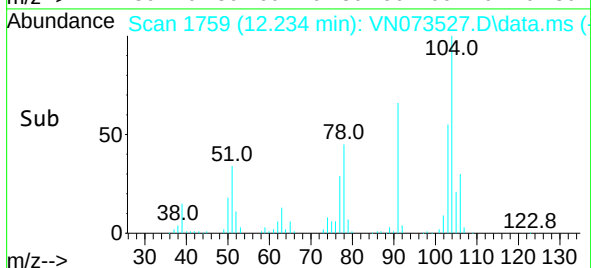
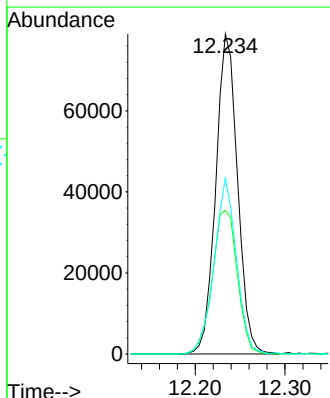
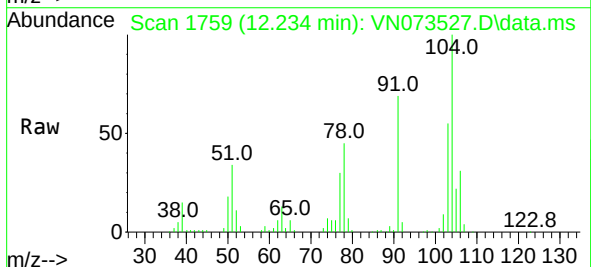
Manual Integrations
APPROVED

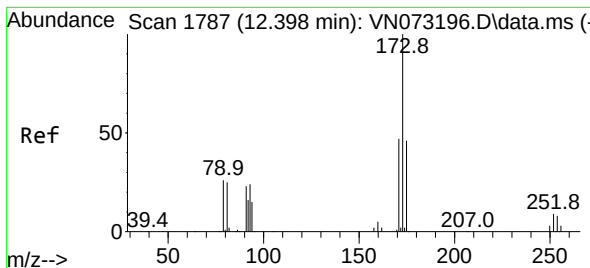
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#70
Styrene
Concen: 19.646 ug/l
RT: 12.234 min Scan# 1759
Delta R.T. 0.001 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

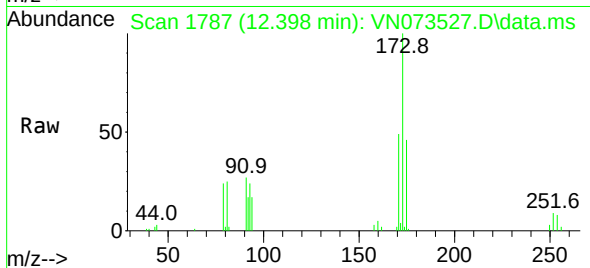
Tgt Ion:104 Resp: 132861
Ion Ratio Lower Upper
104 100
78 51.8 39.5 59.3
103 56.2 44.0 66.0





#71
Bromoform
Concen: 22.761 ug/l
RT: 12.398 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

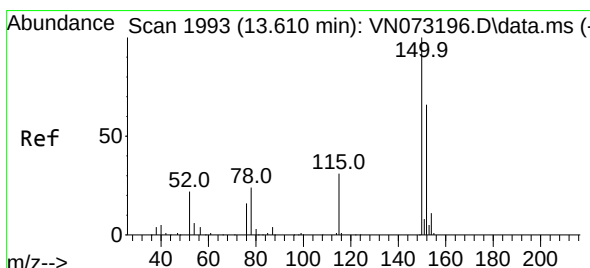
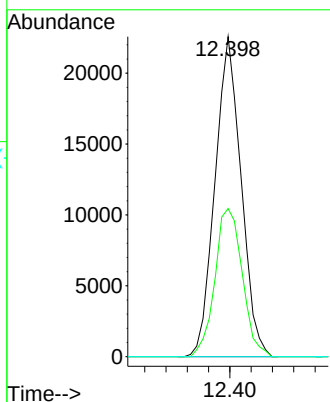
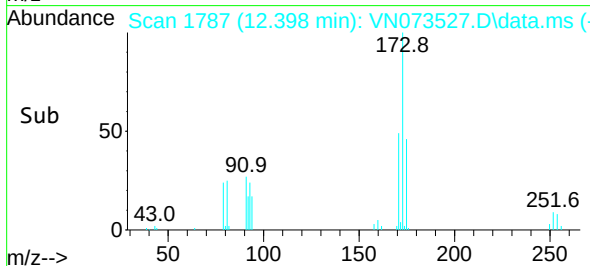
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



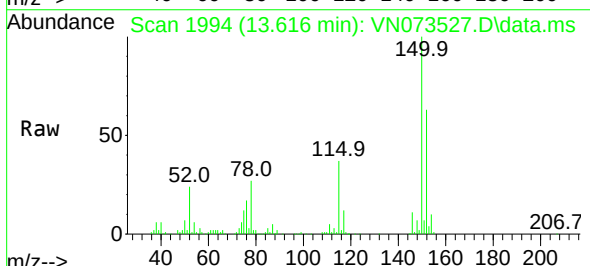
Tgt Ion:173 Resp: 38364
Ion Ratio Lower Upper
173 100
175 48.6 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
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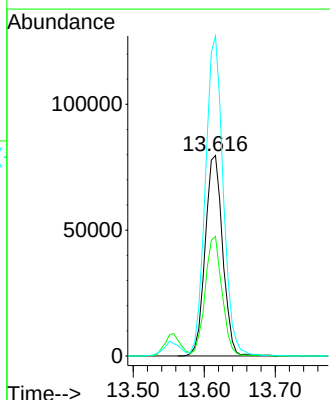
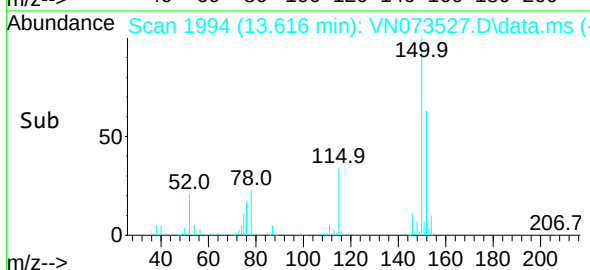
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

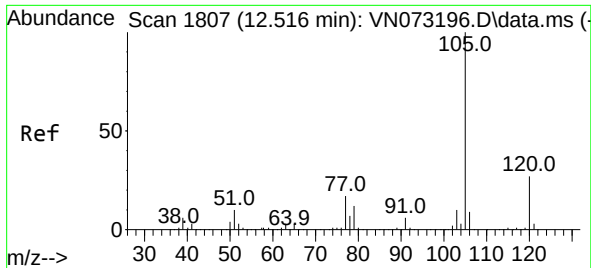


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05



Tgt Ion:152 Resp: 136495
Ion Ratio Lower Upper
152 100
115 58.0 28.9 86.7
150 161.4 0.0 356.2





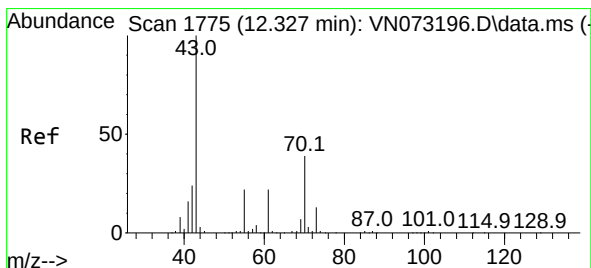
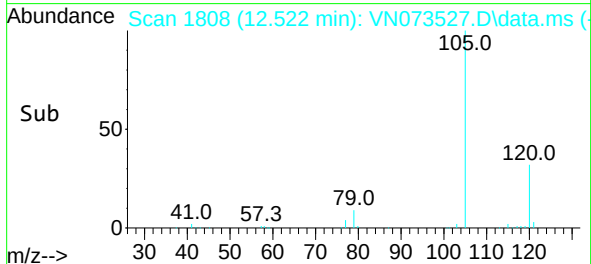
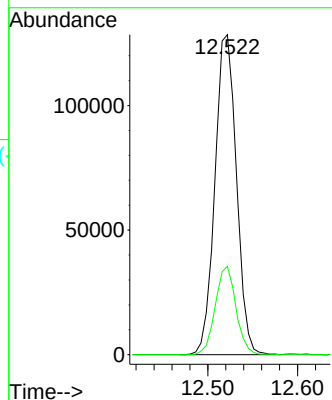
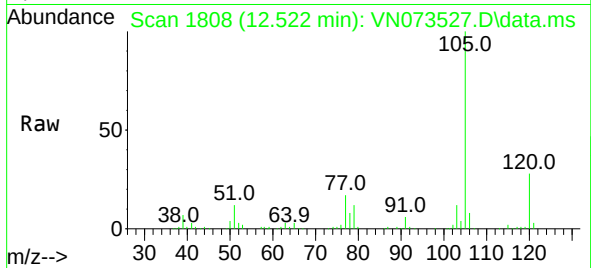
#73
Isopropylbenzene
Concen: 18.137 ug/l
RT: 12.522 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01

Tgt Ion:105 Resp: 213770
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.4

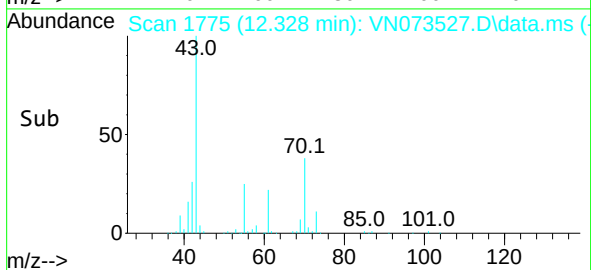
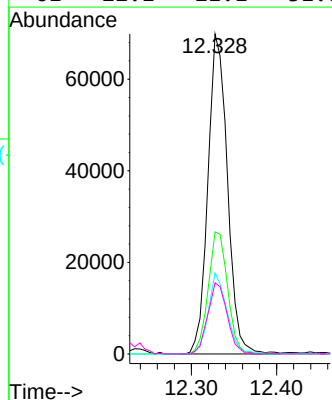
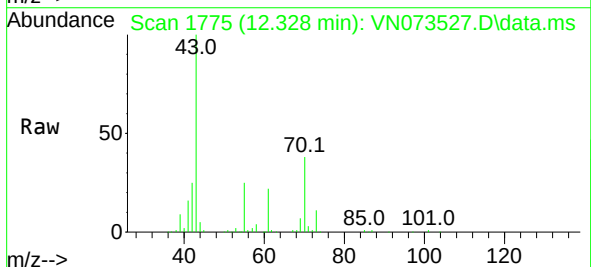
Manual Integrations
APPROVED

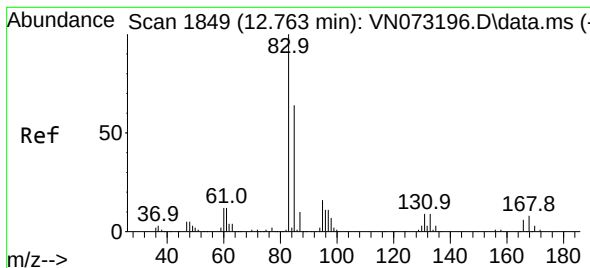
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#74
N-ethyl acetate
Concen: 18.848 ug/l
RT: 12.328 min Scan# 1775
Delta R.T. 0.001 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

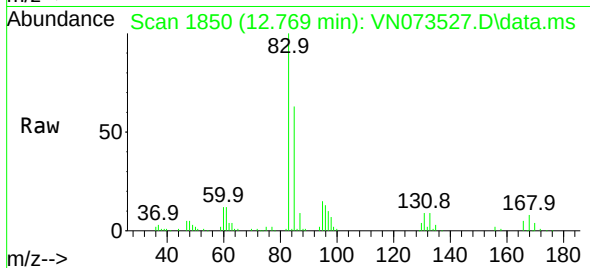
Tgt Ion: 43 Resp: 111240
Ion Ratio Lower Upper
43 100
70 38.0 39.0 58.4#
55 24.0 21.1 31.7
61 22.1 21.1 31.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.967 ug/l
 RT: 12.769 min Scan# 1849
 Delta R.T. 0.006 min
 Lab File: VN073527.D
 Acq: 20 Jul 2022 17:05

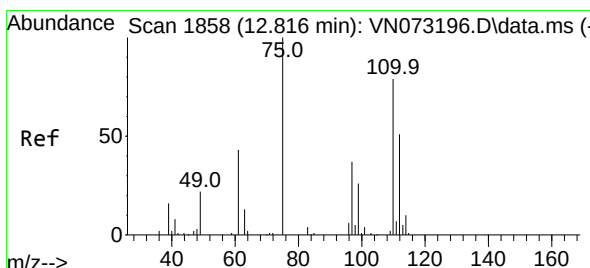
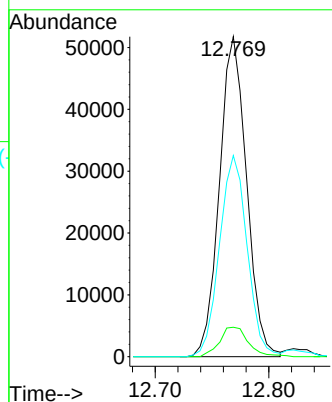
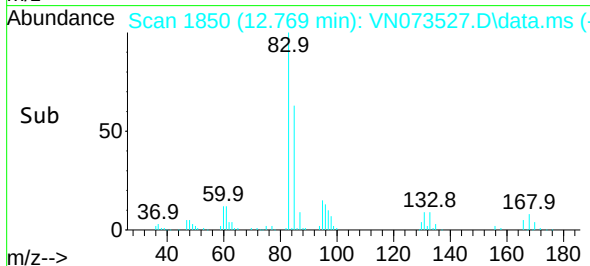
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720MBS01



Tgt Ion: 83 Resp: 85920
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.3 15.9
 85 64.0 32.3 96.9

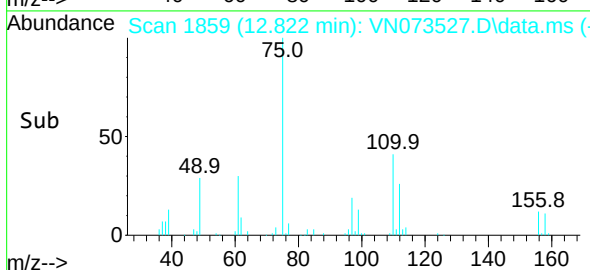
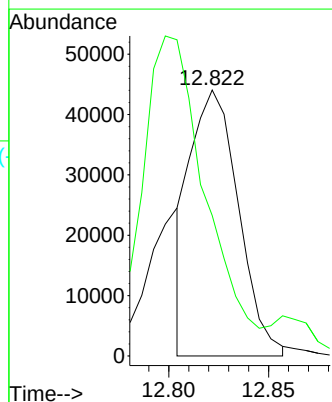
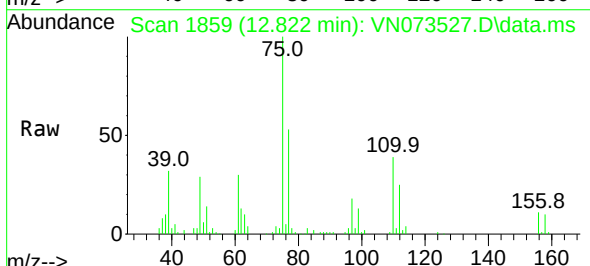
Manual Integrations
 APPROVED

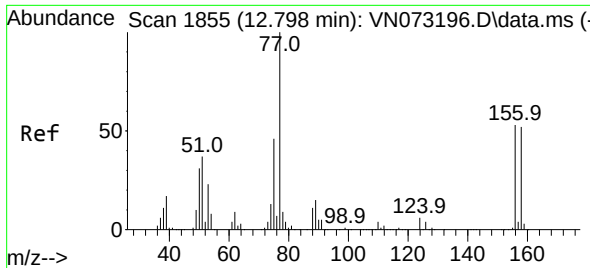
Reviewed By :John Carlone 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022



#76
 1,2,3-Trichloropropane
 Concen: 20.750 ug/l m
 RT: 12.822 min Scan# 1859
 Delta R.T. 0.006 min
 Lab File: VN073527.D
 Acq: 20 Jul 2022 17:05

Tgt Ion: 75 Resp: 74059
 Ion Ratio Lower Upper
 75 100
 77 0.0 98.5 295.5#





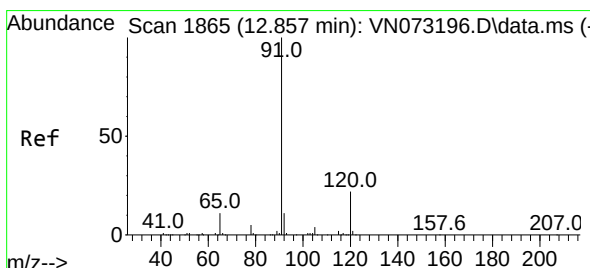
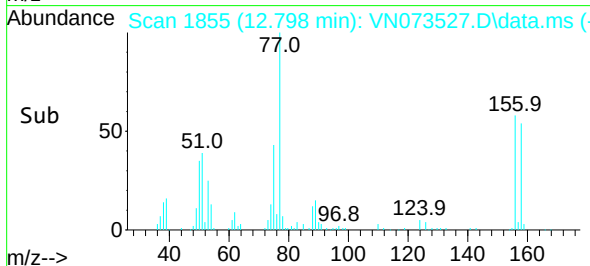
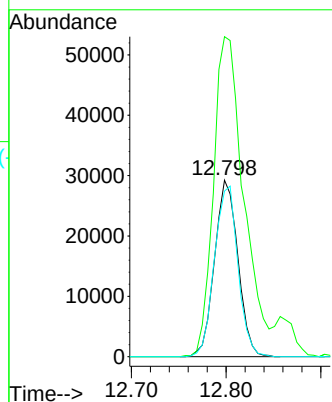
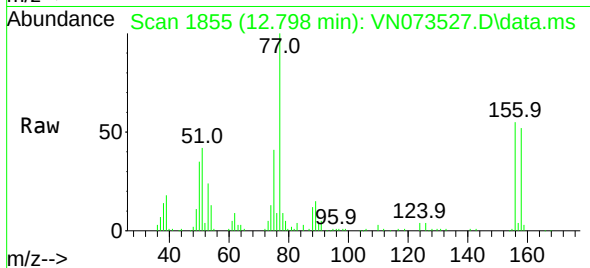
#77
Bromobenzene
Concen: 18.317 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01

Tgt Ion:156 Resp: 50190
Ion Ratio Lower Upper
156 100
77 233.5 100.5 301.5
158 97.3 48.9 146.6

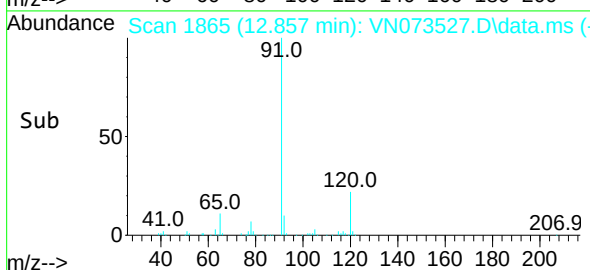
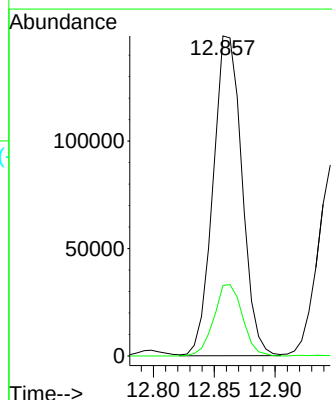
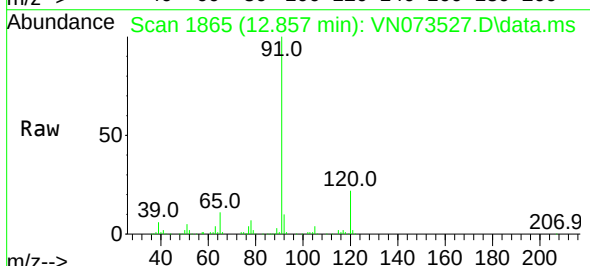
Manual Integrations
APPROVED

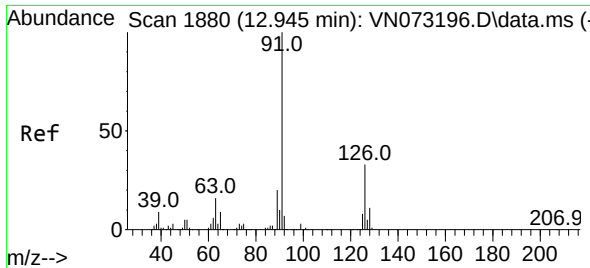
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#78
n-propylbenzene
Concen: 18.757 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

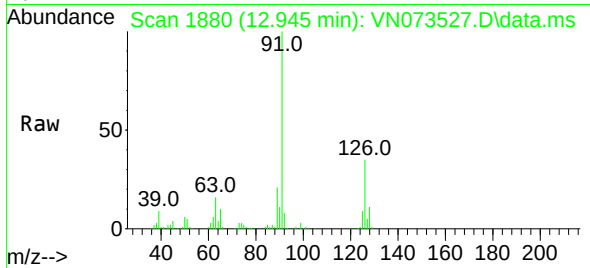
Tgt Ion: 91 Resp: 245615
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.5





#79
2-Chlorotoluene
Concen: 18.157 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

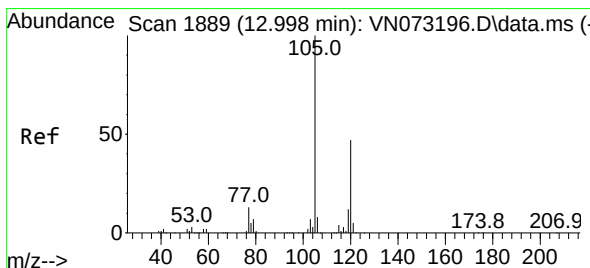
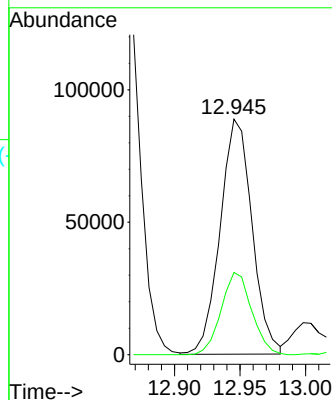
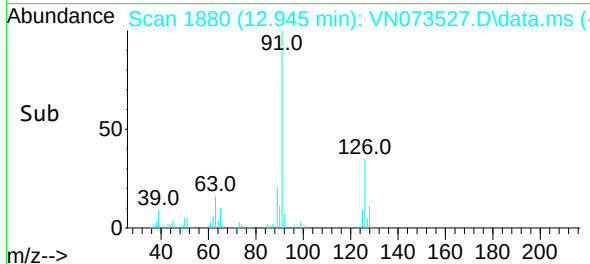
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



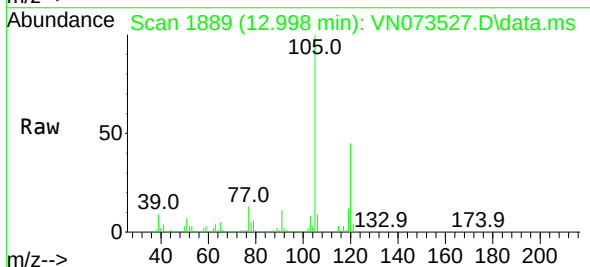
Tgt Ion: 91 Resp: 150475
Ion Ratio Lower Upper
91 100
126 33.4 17.3 51.9

Manual Integrations
APPROVED

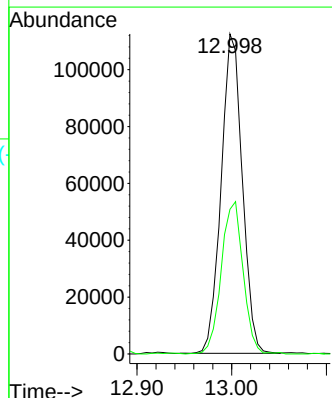
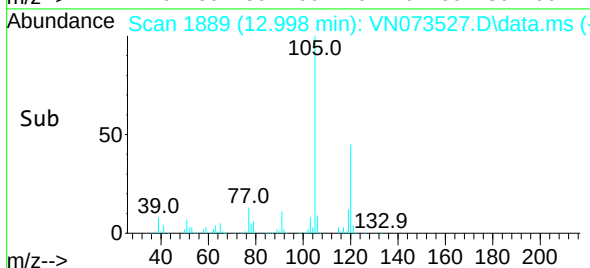
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

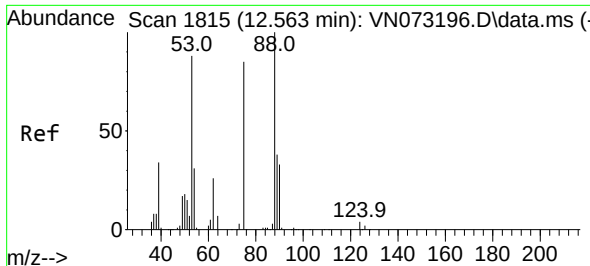


#80
1,3,5-Trimethylbenzene
Concen: 18.166 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05



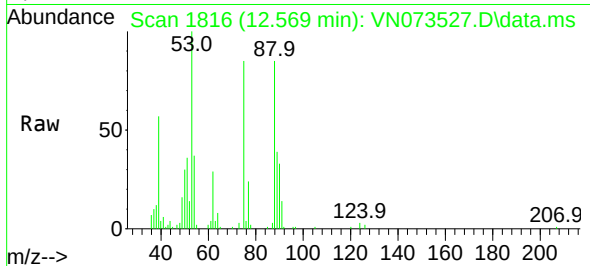
Tgt Ion:105 Resp: 174524
Ion Ratio Lower Upper
105 100
120 49.3 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 17.788 ug/l
RT: 12.569 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

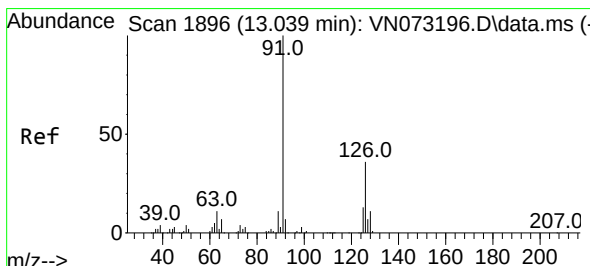
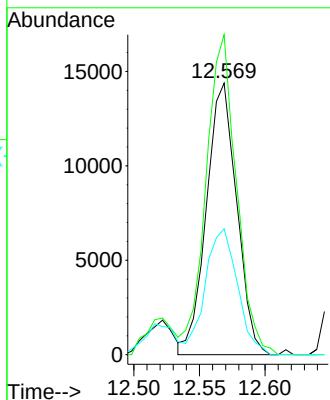
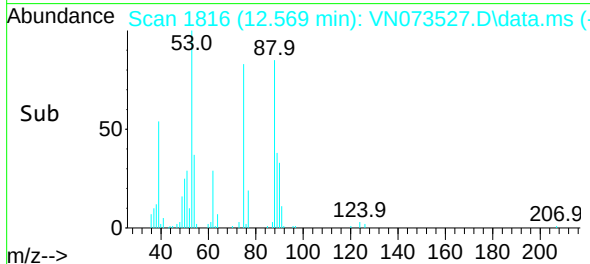
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



Tgt Ion: 75 Resp: 23150
Ion Ratio Lower Upper
75 100
53 118.0 78.0 117.0
89 48.9 37.2 55.8

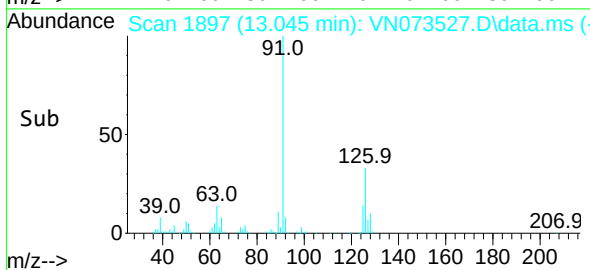
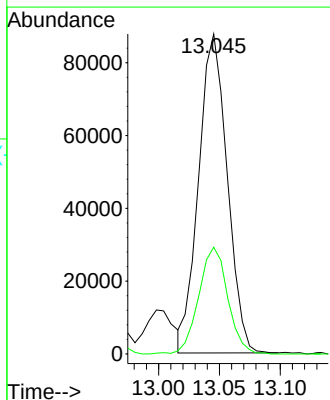
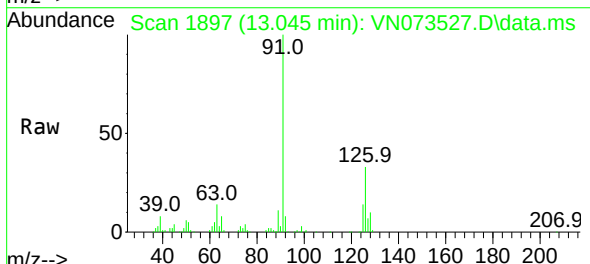
Manual Integrations
APPROVED

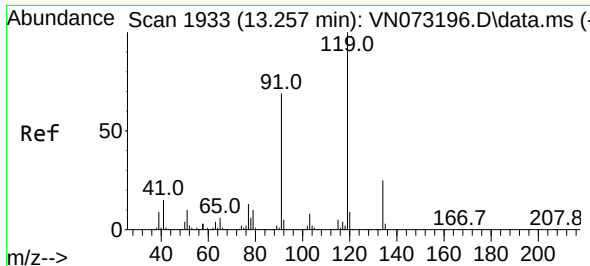
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#82
4-Chlorotoluene
Concen: 17.844 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

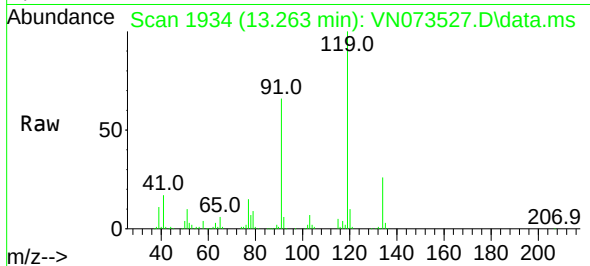
Tgt Ion: 91 Resp: 143170
Ion Ratio Lower Upper
91 100
126 33.9 17.2 51.6





#83
tert-Butylbenzene
Concen: 18.021 ug/l
RT: 13.263 min Scan# 1933
Delta R.T. 0.006 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

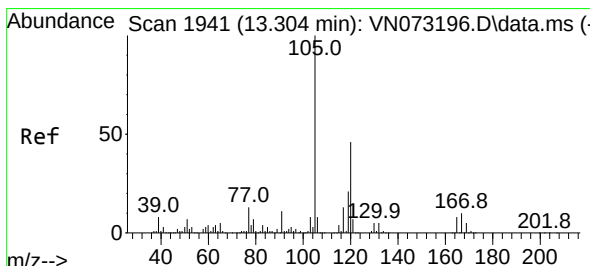
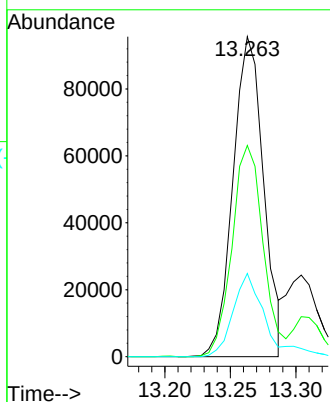
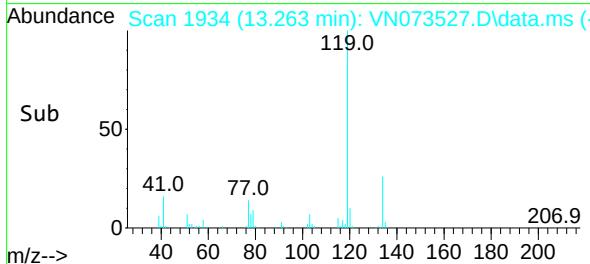
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



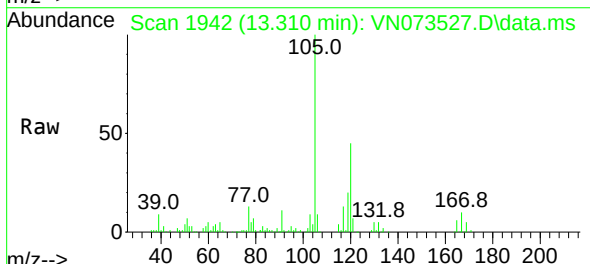
Tgt Ion:119 Resp: 155219
Ion Ratio Lower Upper
119 100
91 67.3 31.6 94.8
134 27.1 13.7 41.1

Manual Integrations
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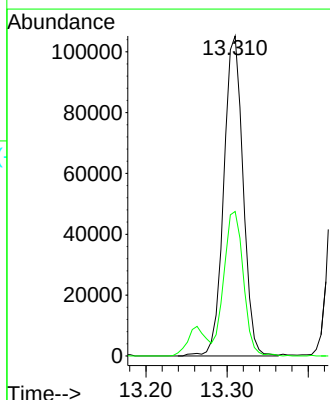
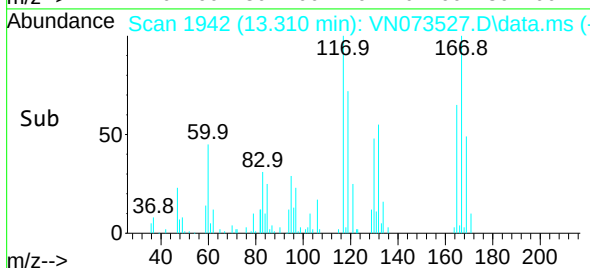
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

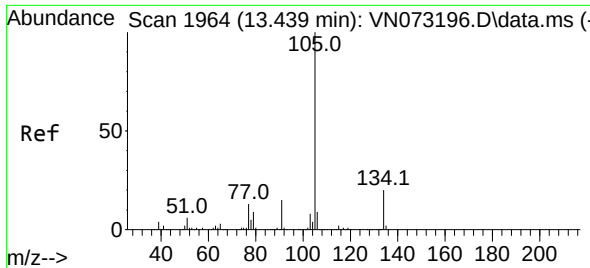


#84
1,2,4-Trimethylbenzene
Concen: 18.092 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05



Tgt Ion:105 Resp: 173533
Ion Ratio Lower Upper
105 100
120 45.7 23.3 69.8





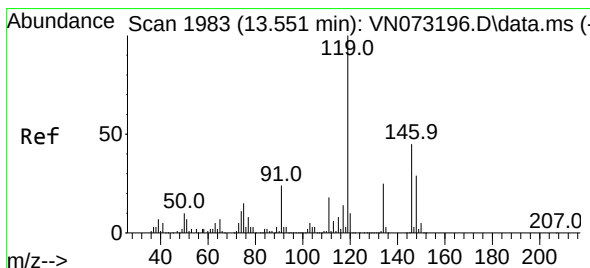
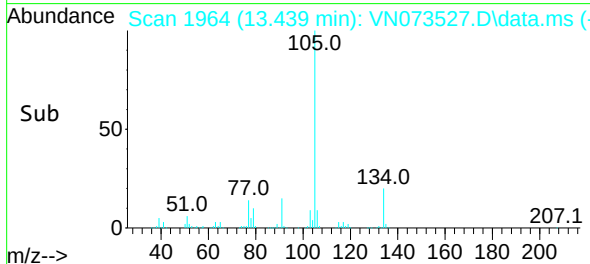
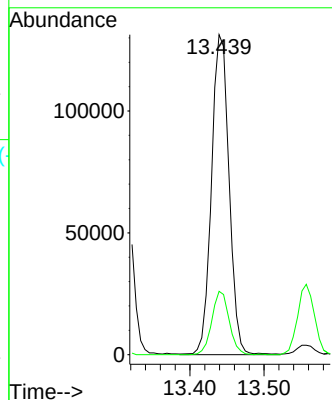
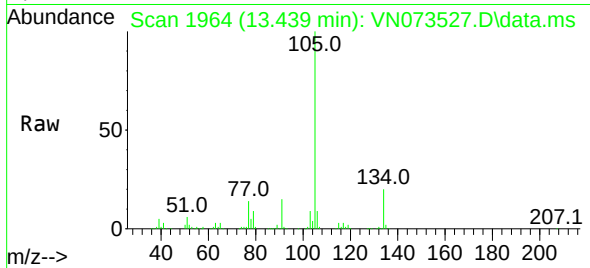
#85
 sec-Butylbenzene
 Concen: 18.731 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073527.D
 Acq: 20 Jul 2022 17:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720MBS01

Tgt Ion:105 Resp: 216630
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

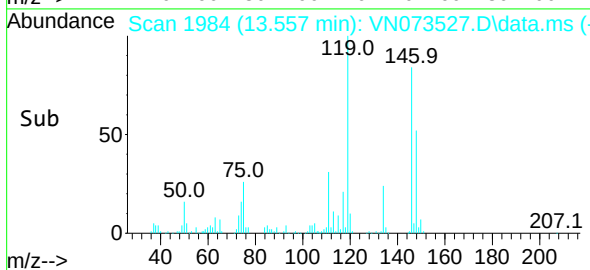
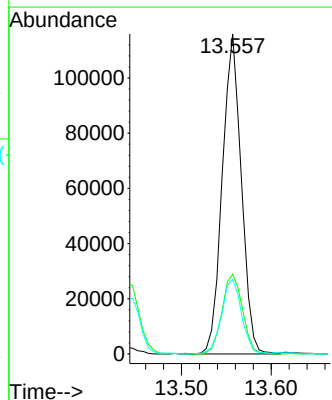
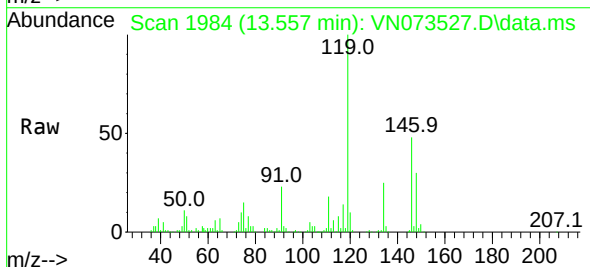
Manual Integrations
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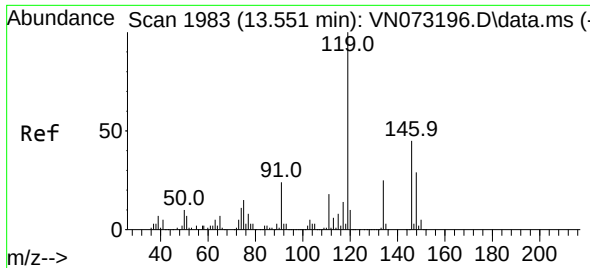
Reviewed By :John Carlone 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022



#86
 p-Isopropyltoluene
 Concen: 18.254 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN073527.D
 Acq: 20 Jul 2022 17:05

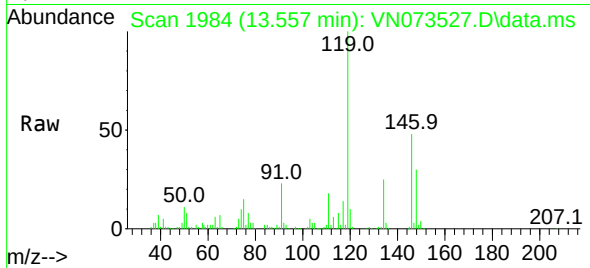
Tgt Ion:119 Resp: 170542
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 24.6 11.3 33.9





#87
 1,3-Dichlorobenzene
 Concen: 18.810 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN073527.D
 Acq: 20 Jul 2022 17:05

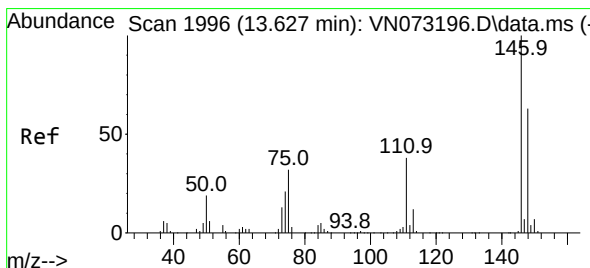
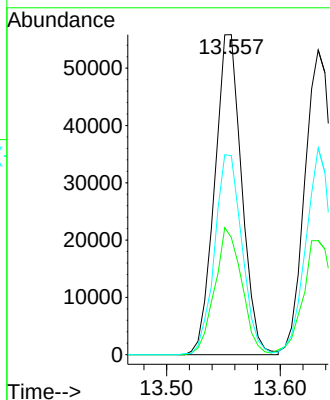
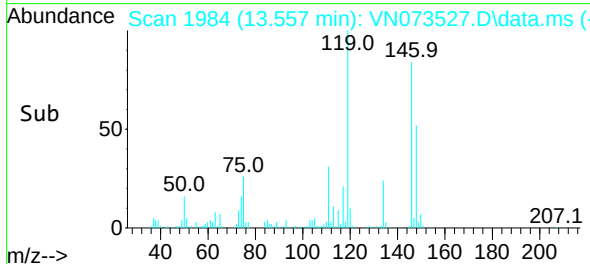
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720MBS01



Tgt Ion:146 Resp: 92470
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.0 60.0
 148 63.3 32.0 96.0

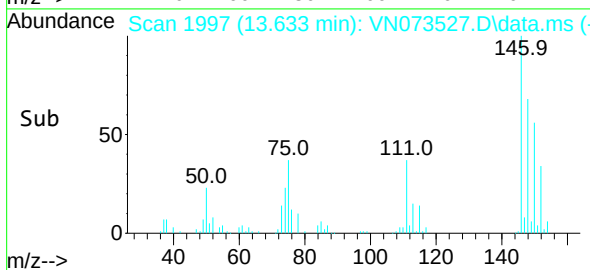
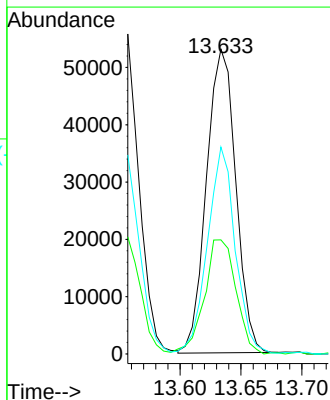
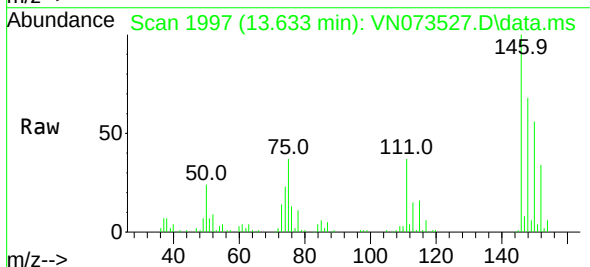
Manual Integrations
 APPROVED

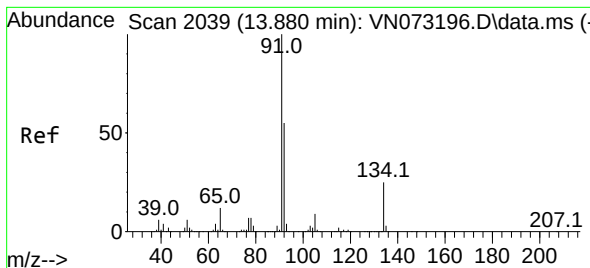
Reviewed By :John Carlone 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022



#88
 1,4-Dichlorobenzene
 Concen: 18.062 ug/l
 RT: 13.633 min Scan# 1997
 Delta R.T. 0.006 min
 Lab File: VN073527.D
 Acq: 20 Jul 2022 17:05

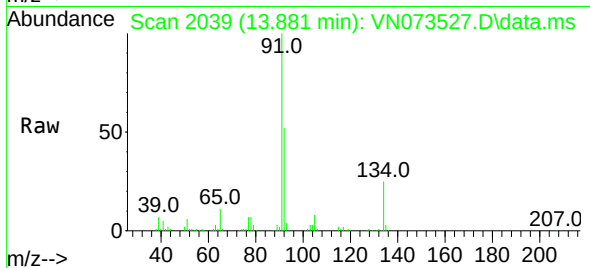
Tgt Ion:146 Resp: 88970
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.1 57.1
 148 64.1 31.4 94.3





#89
n-Butylbenzene
Concen: 17.853 ug/l
RT: 13.881 min Scan# 2039
Delta R.T. 0.001 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

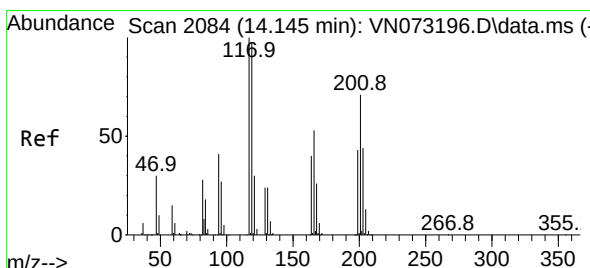
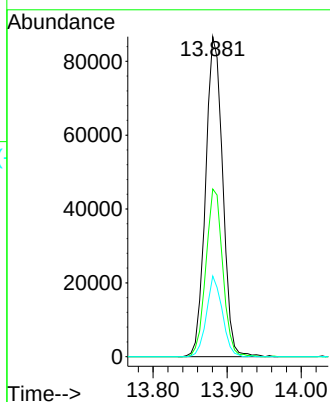
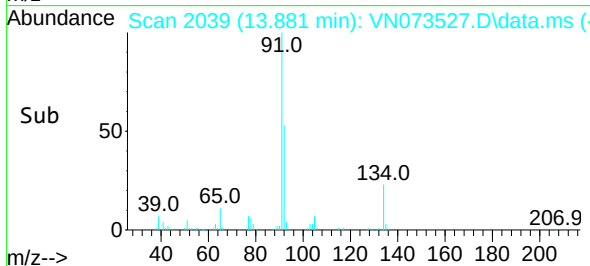
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



Tgt Ion: 91 Resp: 138990
Ion Ratio Lower Upper
91 100
92 51.7 26.9 80.7
134 23.3 13.6 40.8

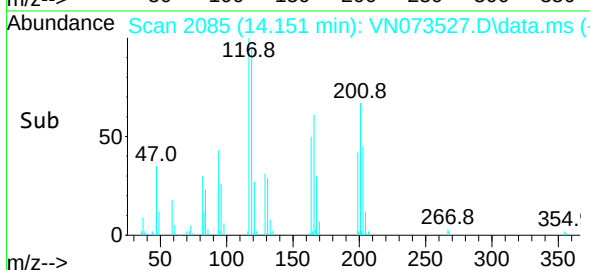
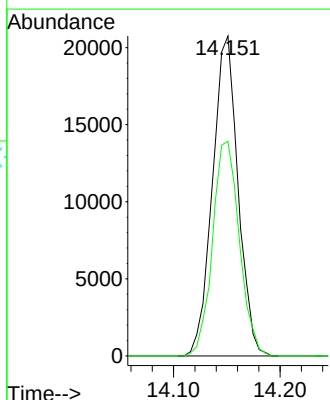
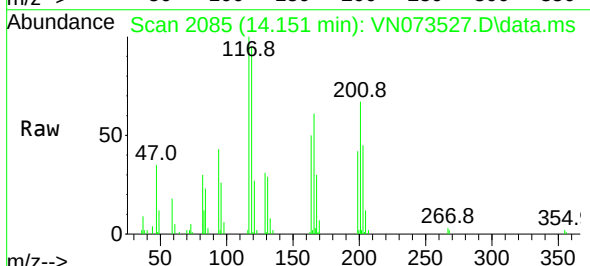
Manual Integrations
APPROVED

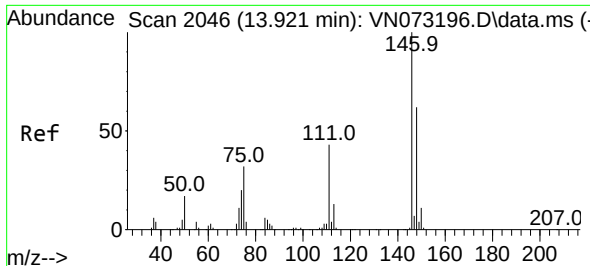
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#90
Hexachloroethane
Concen: 19.852 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.006 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

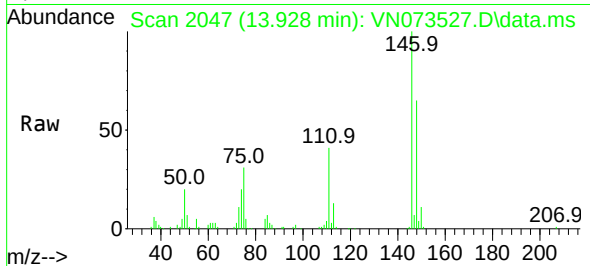
Tgt Ion:117 Resp: 34566
Ion Ratio Lower Upper
117 100
201 70.3 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 18.723 ug/l
RT: 13.928 min Scan# 2047
Delta R.T. 0.007 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05

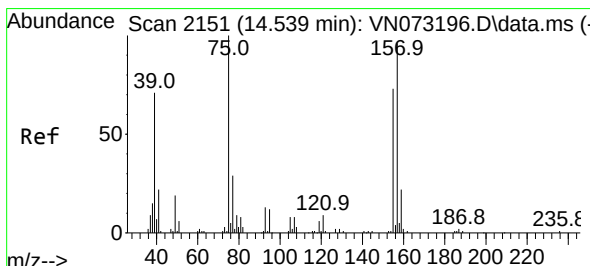
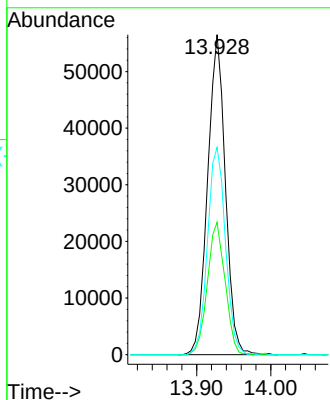
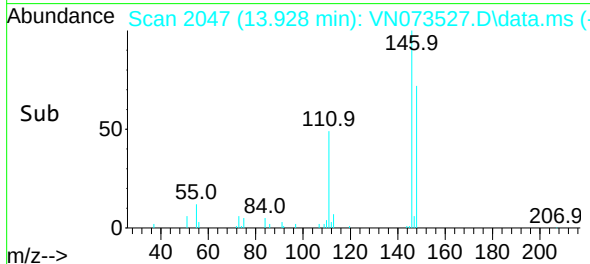
Instrument :
MSVOA_N
ClientSampleId :
VN0720MBS01



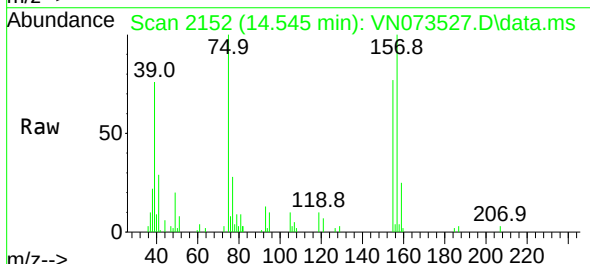
Tgt Ion:146 Resp: 9376
Ion Ratio Lower Upper
146 100
111 41.4 20.9 62.8
148 65.7 32.1 96.3

Manual Integrations
APPROVED

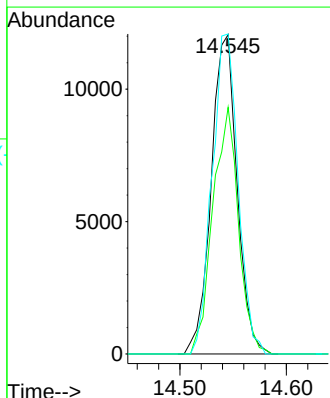
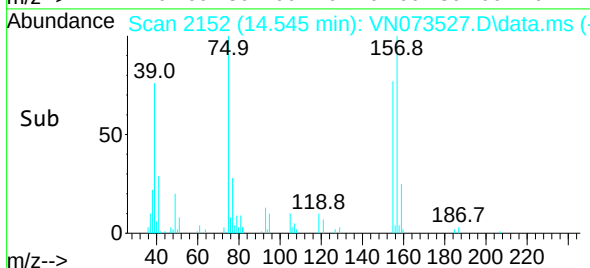
Reviewed By :John Carlone 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

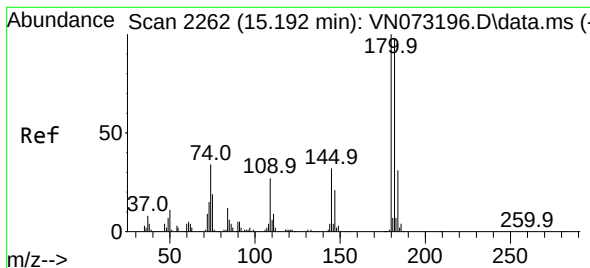


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.397 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. 0.006 min
Lab File: VN073527.D
Acq: 20 Jul 2022 17:05



Tgt Ion: 75 Resp: 20341
Ion Ratio Lower Upper
75 100
155 76.4 44.9 134.5
157 100.8 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 17.924 ug/l

RT: 15.192 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN073527.D

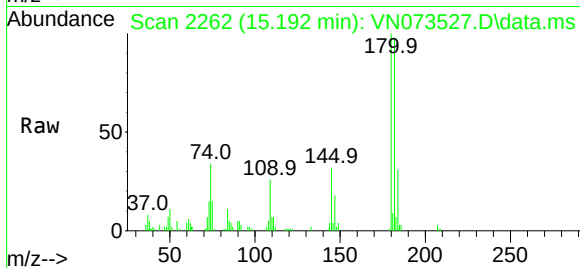
Acq: 20 Jul 2022 17:05

Instrument :

MSVOA_N

ClientSampleId :

VN0720MBS01



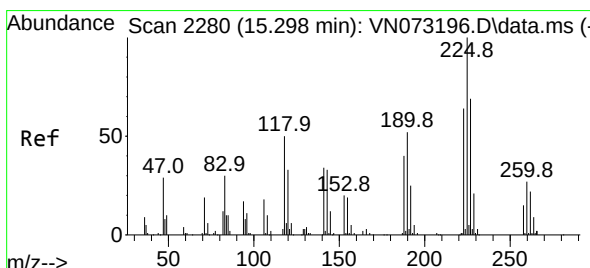
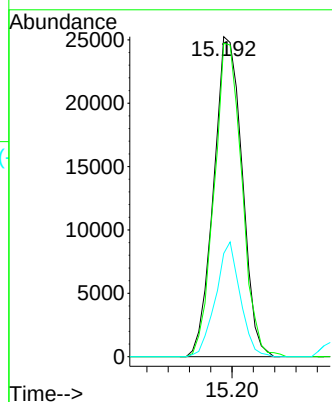
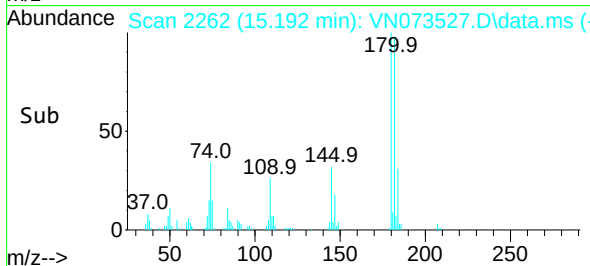
Tgt Ion:	180	Resp:	46739
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.5	142.5
145	30.9	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#94

Hexachlorobutadiene

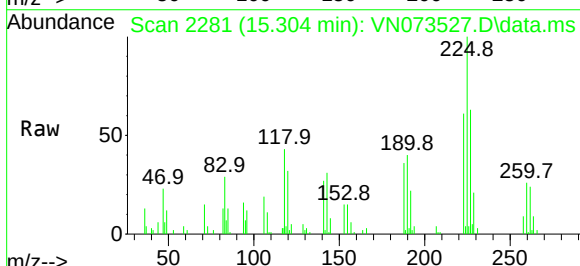
Concen: 20.057 ug/l

RT: 15.304 min Scan# 2281

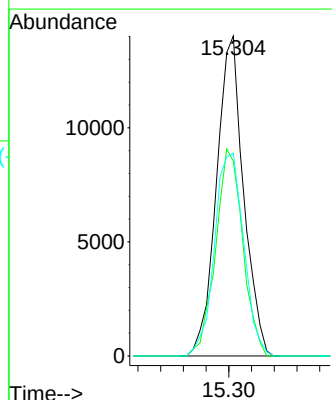
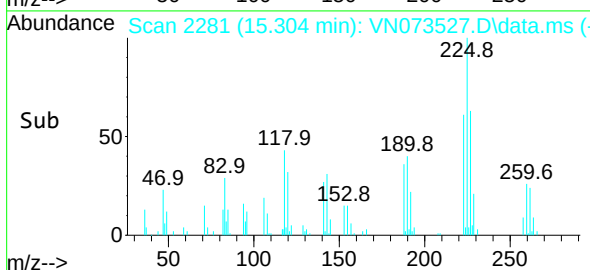
Delta R.T. 0.006 min

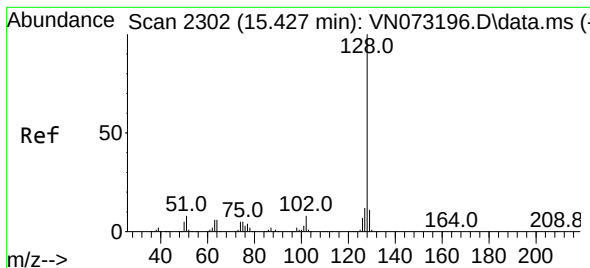
Lab File: VN073527.D

Acq: 20 Jul 2022 17:05



Tgt Ion:	225	Resp:	23251
Ion Ratio	Lower	Upper	
225	100		
223	64.7	32.4	97.2
227	68.4	31.8	95.4





#95

Naphthalene

Concen: 16.769 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073527.D

Acq: 20 Jul 2022 17:05

Instrument :

MSVOA_N

ClientSampleId :

VN0720MBS01

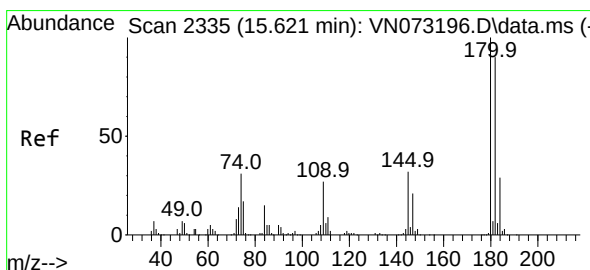
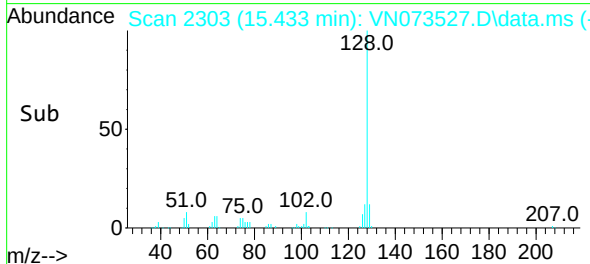
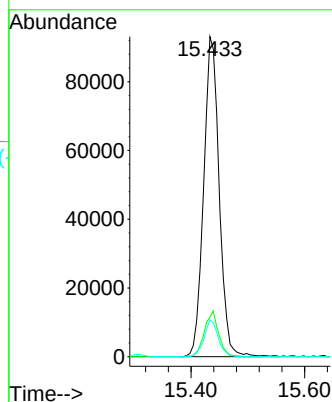
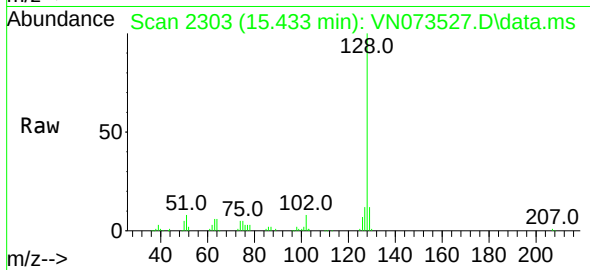
Tgt Ion:	128	Resp:	176400
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	10.5	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#96

1,2,3-Trichlorobenzene

Concen: 19.258 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. 0.006 min

Lab File: VN073527.D

Acq: 20 Jul 2022 17:05

Tgt Ion:	180	Resp:	51805
Ion Ratio	Lower	Upper	
180	100		
182	94.0	47.8	143.3
145	31.8	15.5	46.5

