

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110422\
 Data File : VN075164.D
 Acq On : 04 Nov 2022 09:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/07/2022
 Supervised By : Mahesh Dadoda 11/07/2022

Quant Time: Nov 05 06:43:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	101702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	186486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	178601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	92262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	65623	47.889	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.780%		
35) Dibromofluoromethane	8.171	113	54477	49.761	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.520%		
50) Toluene-d8	10.565	98	209544	49.335	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.660%		
62) 4-Bromofluorobenzene	12.847	95	77729	52.096	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	47953	36.245	ug/l	99
3) Chloromethane	2.371	50	56320	40.077	ug/l	96
4) Vinyl Chloride	2.524	62	81337	40.572	ug/l	99
5) Bromomethane	2.918	94	77219	54.218	ug/l	96
6) Chloroethane	3.106	64	59720	41.542	ug/l	95
7) Trichlorofluoromethane	3.495	101	93285	45.550	ug/l	94
8) Diethyl Ether	3.971	74	33931	45.424	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	53604	47.395	ug/l	96
10) Methyl Iodide	4.595	142	72314	42.948	ug/l	99
11) Tert butyl alcohol	5.536	59	57740	180.685	ug/l	98
12) 1,1-Dichloroethene	4.342	96	47602	44.155	ug/l	97
13) Acrolein	4.189	56	43772	167.462	ug/l	99
14) Allyl chloride	5.030	41	73094	46.423	ug/l	99
15) Acrylonitrile	5.724	53	153323	227.128	ug/l	99
16) Acetone	4.430	43	181789	313.308	ug/l	96
17) Carbon Disulfide	4.712	76	114191	42.121	ug/l	97
18) Methyl Acetate	5.036	43	88138	46.504	ug/l	98
19) Methyl tert-butyl Ether	5.800	73	185083	46.191	ug/l	99
20) Methylene Chloride	5.283	84	59409	45.922	ug/l	96
21) trans-1,2-Dichloroethene	5.794	96	53688	45.484	ug/l	97
22) Diisopropyl ether	6.677	45	170752	49.141	ug/l	95
23) Vinyl Acetate	6.612	43	680291m	234.457	ug/l	
24) 1,1-Dichloroethane	6.577	63	104660	47.625	ug/l	97
25) 2-Butanone	7.488	43	229645	251.628	ug/l	100
26) 2,2-Dichloropropane	7.494	77	99980	49.454	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	68527	48.614	ug/l	99
28) Bromochloromethane	7.812	49	44028	47.527	ug/l	97
29) Tetrahydrofuran	7.841	42	133855	226.974	ug/l	98
30) Chloroform	7.971	83	117295	49.160	ug/l	99
31) Cyclohexane	8.259	56	92835	45.551	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	108235	49.953	ug/l	99
36) 1,1-Dichloropropene	8.371	75	84268	49.719	ug/l	99
37) Ethyl Acetate	7.559	43	81797	44.006	ug/l	99
38) Carbon Tetrachloride	8.365	117	93648	50.230	ug/l	97
39) Methylcyclohexane	9.600	83	110650	49.452	ug/l	96
40) Benzene	8.606	78	259443	49.994	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	41022	46.065	ug/l	96
42) 1,2-Dichloroethane	8.671	62	92085	48.773	ug/l	98
43) Isopropyl Acetate	8.688	43	133148	46.181	ug/l	99
44) Trichloroethene	9.353	130	64413	49.473	ug/l	98
45) 1,2-Dichloropropane	9.624	63	64431	52.171	ug/l	96
46) Dibromomethane	9.712	93	48412	50.315	ug/l	96
47) Bromodichloromethane	9.888	83	95674	51.347	ug/l	99
48) Methyl methacrylate	9.682	41	61171	46.252	ug/l	99
49) 1,4-Dioxane	9.700	88	30899	892.193	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	433836	233.180	ug/l	99
52) Toluene	10.629	92	176119	50.769	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	101232	51.473	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	106444	51.029	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	69010	50.171	ug/l	97
56) Ethyl methacrylate	10.877	69	105012	50.050	ug/l	97
57) 1,3-Dichloropropane	11.165	76	116846	51.010	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	208642	257.221	ug/l	99
59) 2-Hexanone	11.194	43	345807	244.893	ug/l	99
60) Dibromochloromethane	11.359	129	75722	52.179	ug/l	99
61) 1,2-Dibromoethane	11.471	107	71832	50.958	ug/l	100
64) Tetrachloroethene	11.106	164	60352	55.117	ug/l	95
65) Chlorobenzene	11.894	112	184833	48.483	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	70813	50.073	ug/l	98
67) Ethyl Benzene	11.965	91	345432	50.363	ug/l	98
68) m/p-Xylenes	12.071	106	278684	101.262	ug/l	98
69) o-Xylene	12.400	106	134655	49.475	ug/l	100
70) Styrene	12.412	104	223487	51.498	ug/l	99
71) Bromoform	12.576	173	51287	48.438	ug/l #	100
73) Isopropylbenzene	12.694	105	354101	47.807	ug/l	100
74) N-amyl acetate	12.494	43	116856	42.656	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	107060	50.013	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	92987m	47.467	ug/l	
77) Bromobenzene	12.982	156	77252	47.367	ug/l	97
78) n-propylbenzene	13.035	91	417261	50.176	ug/l	99
79) 2-Chlorotoluene	13.123	91	242334	47.688	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	303995	48.864	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	34711	45.485	ug/l	93
82) 4-Chlorotoluene	13.123	91	242334	47.688	ug/l	99
83) tert-Butylbenzene	13.441	119	262806	47.541	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	310667	49.355	ug/l	100
85) sec-Butylbenzene	13.618	105	385434	49.842	ug/l	100
86) p-Isopropyltoluene	13.729	119	330438	51.739	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	155835	48.801	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	156291	49.455	ug/l	99
89) n-Butylbenzene	14.059	91	273699	53.218	ug/l	100
90) Hexachloroethane	14.335	117	54655	46.675	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	153559	48.371	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22442	44.918	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	73953	54.136	ug/l	98
94) Hexachlorobutadiene	15.500	225	33966	51.003	ug/l	99
95) Naphthalene	15.641	128	255870	48.706	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	71072	52.361	ug/l	100

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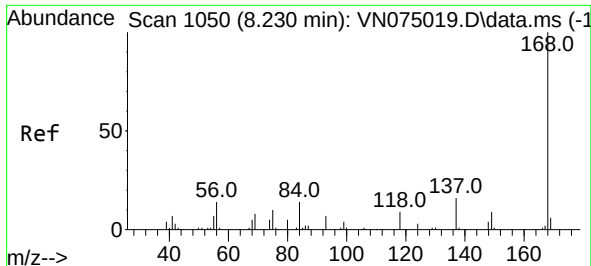
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration

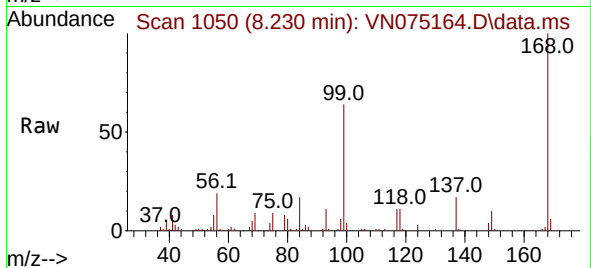
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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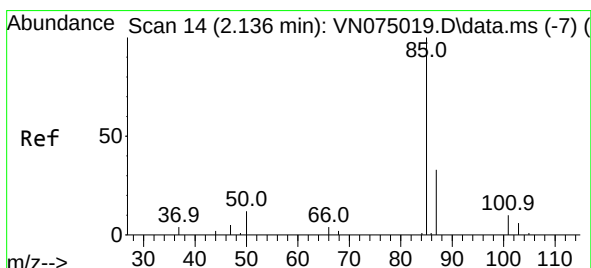
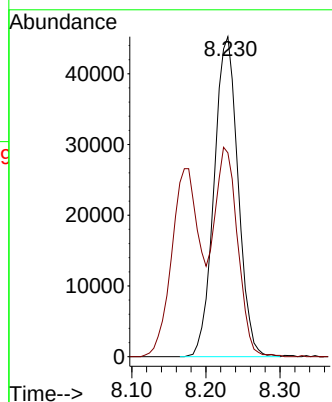
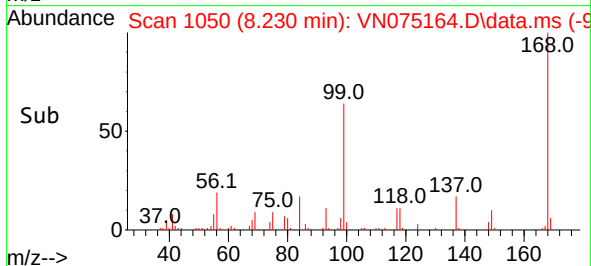
Instrument :
MSVOA_N
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VSTDCCC050



Tgt Ion:168 Resp: 101702
Ion Ratio Lower Upper
168 100
99 63.3 51.6 77.4

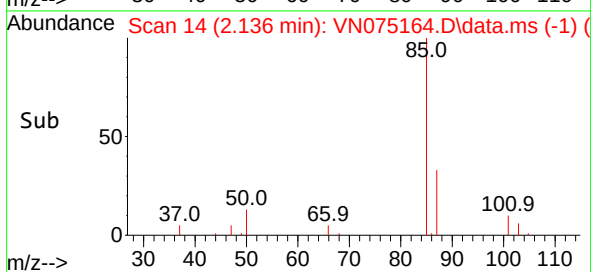
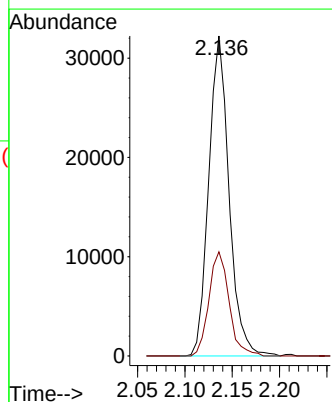
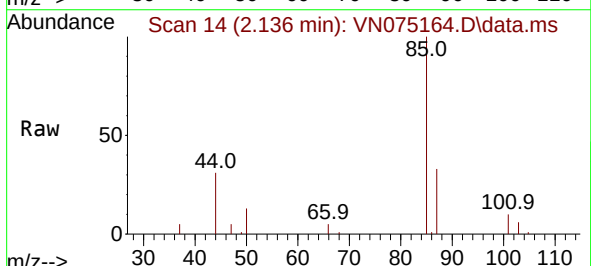
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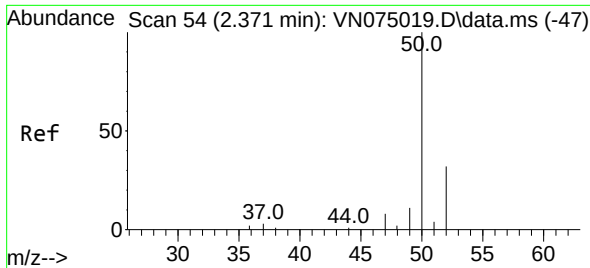
Reviewed By :John Carlone 11/07/2022
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#2
Dichlorodifluoromethane
Concen: 36.245 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

Tgt Ion: 85 Resp: 47953
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.0





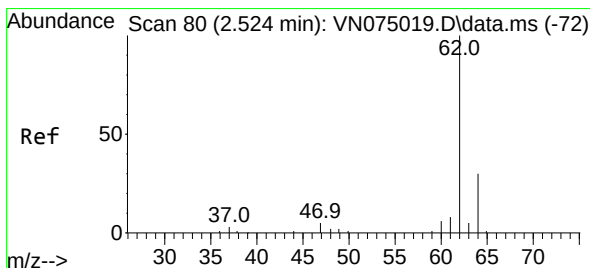
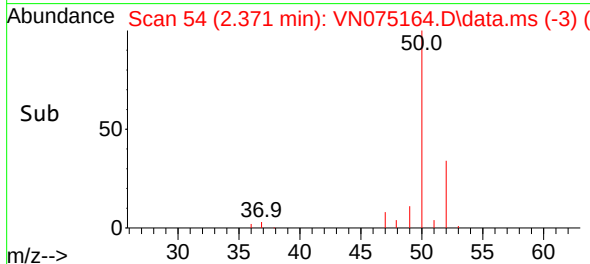
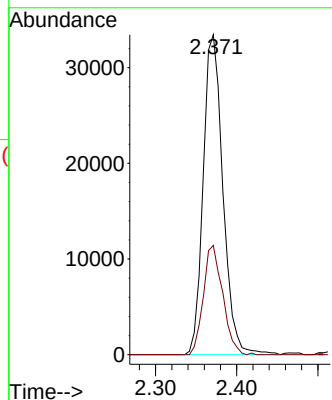
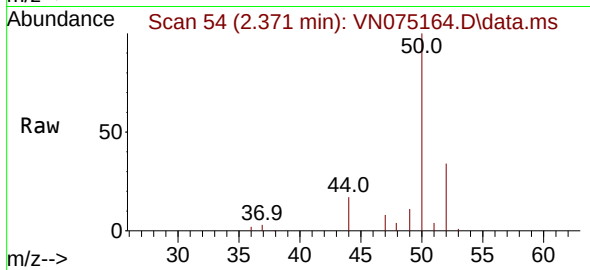
#3
Chloromethane
Concen: 40.077 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

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Tgt Ion: 50 Resp: 56320
Ion Ratio Lower Upper
50 100
52 34.2 25.8 38.6

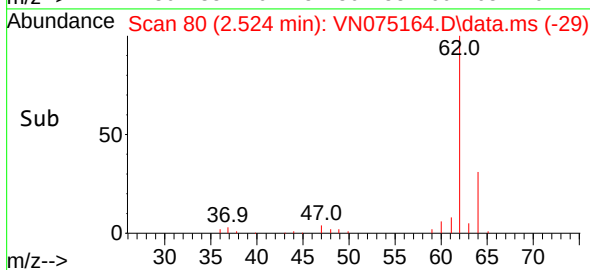
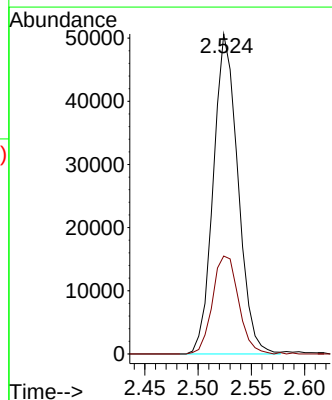
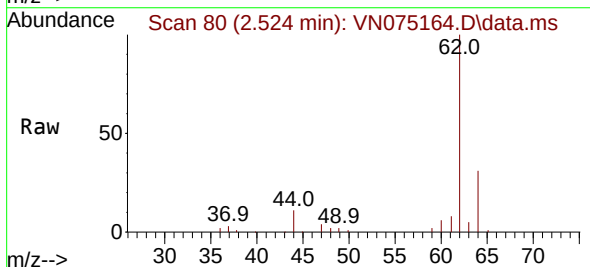
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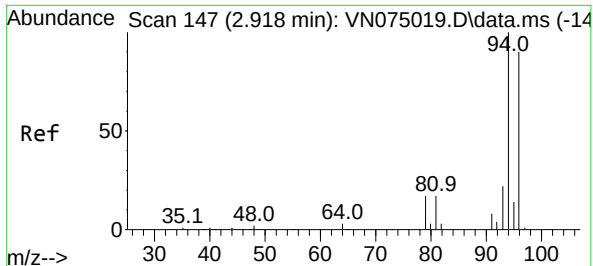
Reviewed By :John Carlone 11/07/2022
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#4
Vinyl Chloride
Concen: 40.572 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075164.D
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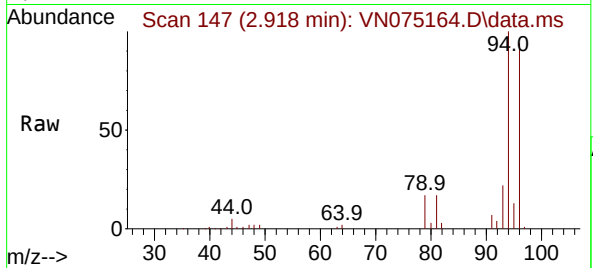
Tgt Ion: 62 Resp: 81337
Ion Ratio Lower Upper
62 100
64 30.6 24.0 36.0





#5
Bromomethane
Concen: 54.218 ug/l
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

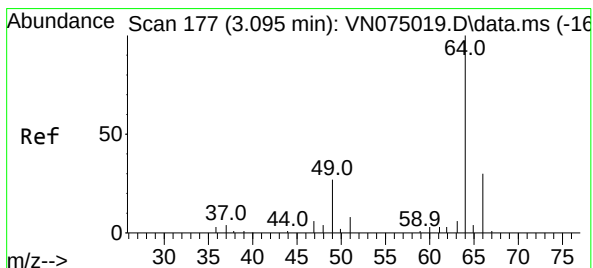
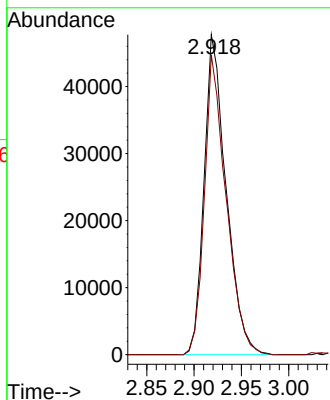
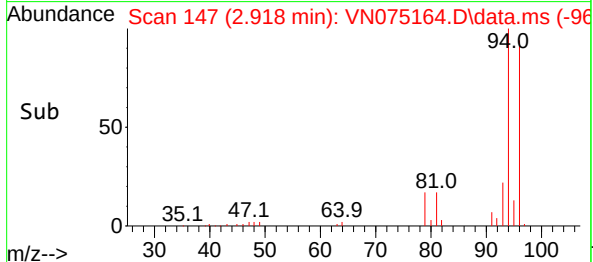
Instrument :
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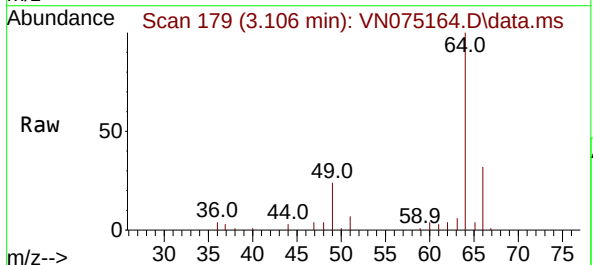
Tgt Ion: 94 Resp: 77219
Ion Ratio Lower Upper
94 100
96 93.7 71.8 107.6

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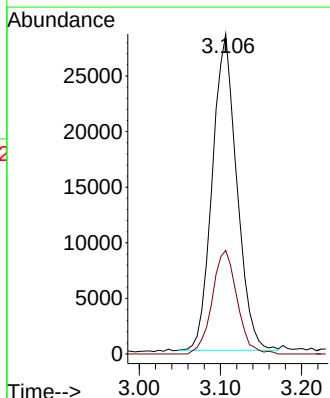
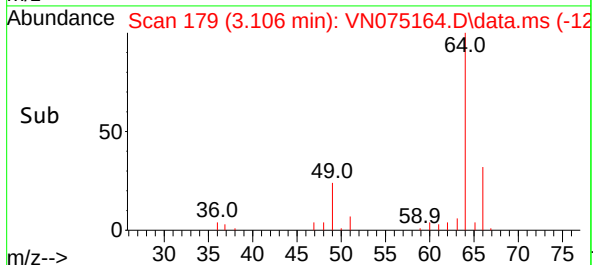
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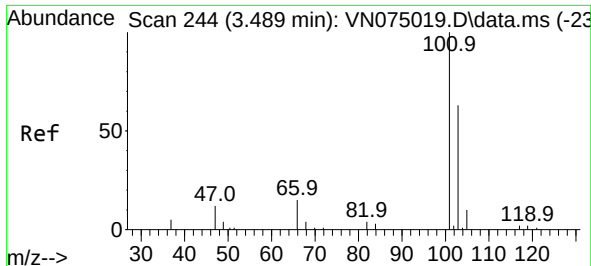


#6
Chloroethane
Concen: 41.542 ug/l
RT: 3.106 min Scan# 179
Delta R.T. 0.011 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53



Tgt Ion: 64 Resp: 59720
Ion Ratio Lower Upper
64 100
66 32.7 23.8 35.8





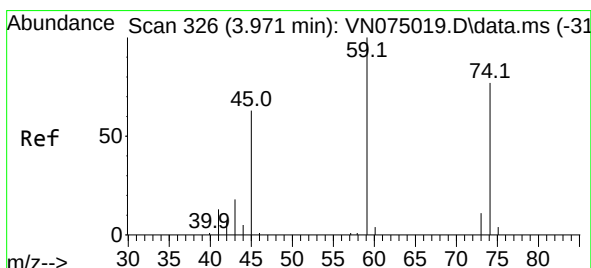
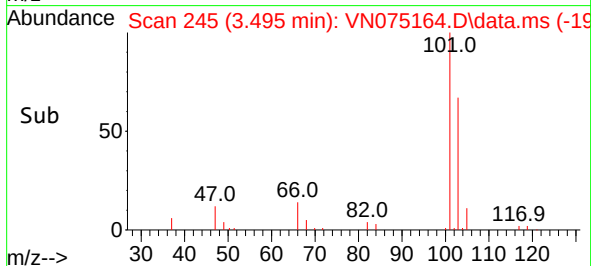
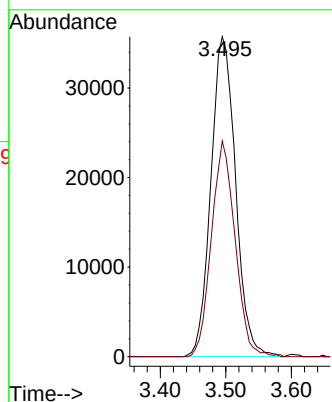
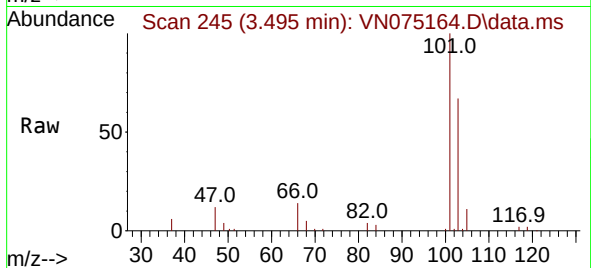
#7
Trichlorofluoromethane
Concen: 45.550 ug/l
RT: 3.495 min Scan# 244
Delta R.T. 0.006 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

Instrument :
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Tgt Ion:101 Resp: 93285
Ion Ratio Lower Upper
101 100
103 67.4 50.5 75.7

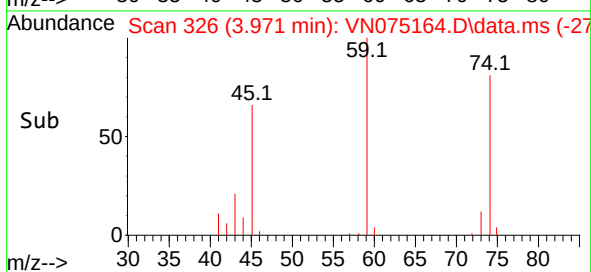
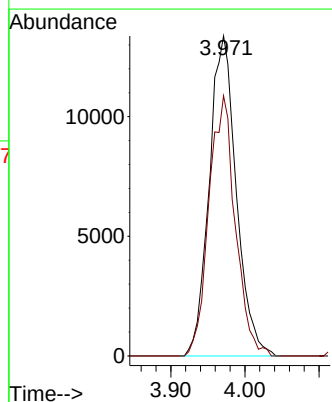
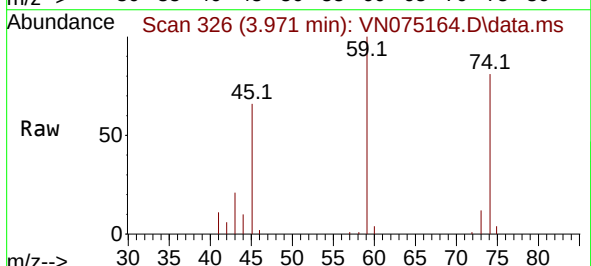
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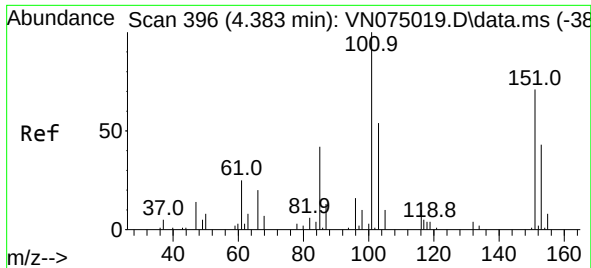
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#8
Diethyl Ether
Concen: 45.424 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.000 min
Lab File: VN075164.D
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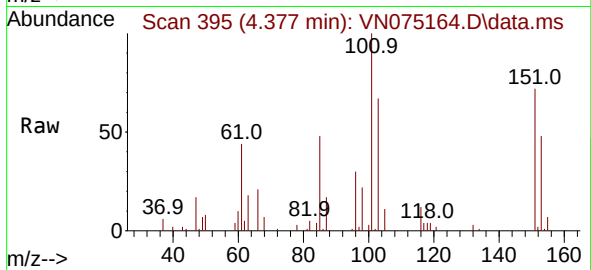
Tgt Ion: 74 Resp: 33931
Ion Ratio Lower Upper
74 100
45 79.1 39.3 117.9





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.395 ug/l
 RT: 4.377 min Scan# 395
 Delta R.T. -0.006 min
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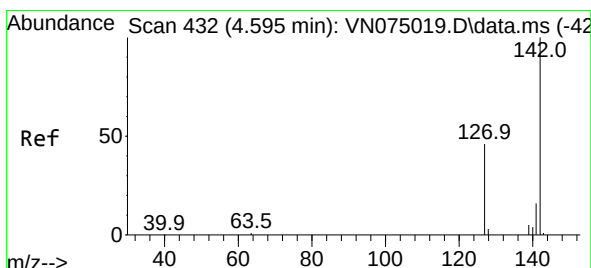
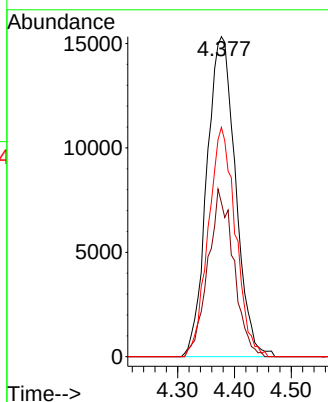
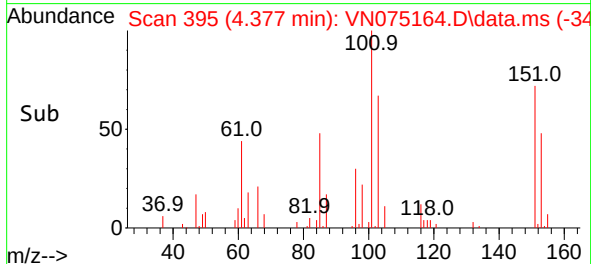
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Tgt Ion:101 Resp: 53604
 Ion Ratio Lower Upper
 101 100
 85 47.2 37.6 56.4
 151 68.1 58.3 87.5

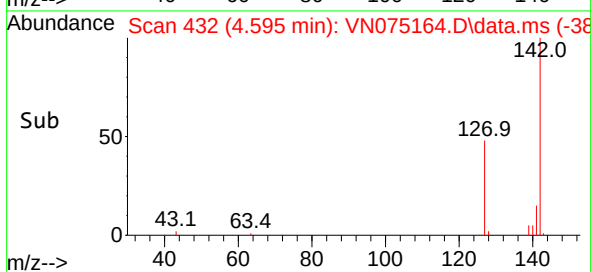
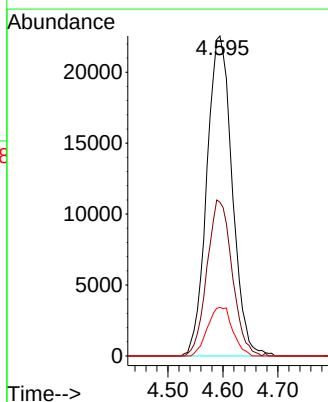
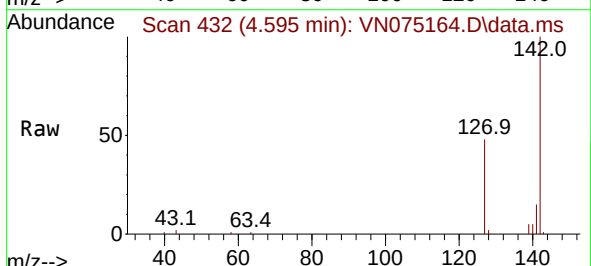
Manual Integrations
 APPROVED

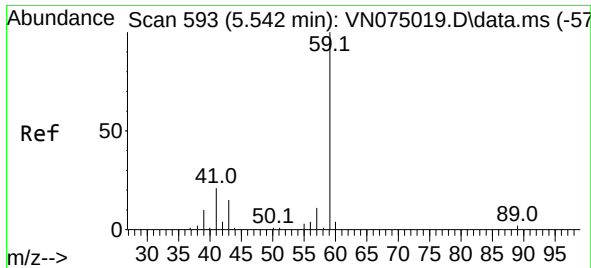
Reviewed By :John Carlone 11/07/2022
 Supervised By :Mahesh Dadoda 11/07/2022



#10
 Methyl Iodide
 Concen: 42.948 ug/l
 RT: 4.595 min Scan# 432
 Delta R.T. -0.000 min
 Lab File: VN075164.D
 Acq: 04 Nov 2022 09:53

Tgt Ion:142 Resp: 72314
 Ion Ratio Lower Upper
 142 100
 127 48.2 38.0 57.0
 141 15.0 12.2 18.4





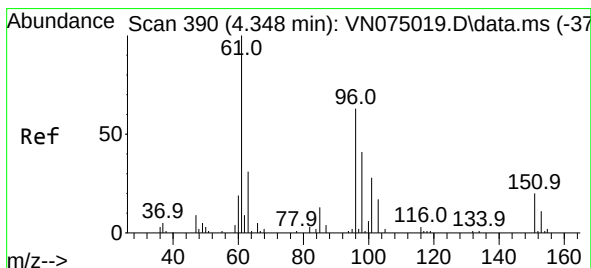
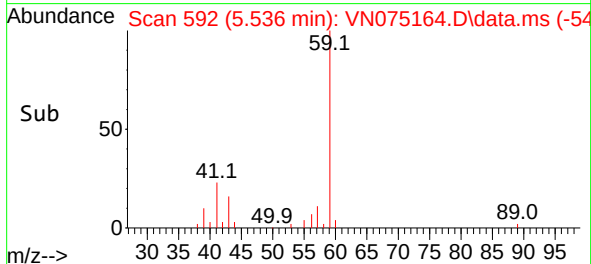
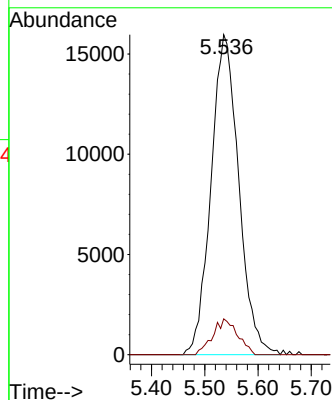
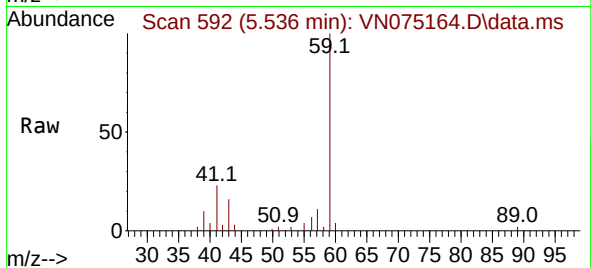
#11
Tert butyl alcohol
Concen: 180.685 ug/l
RT: 5.536 min Scan# 59
Delta R.T. -0.006 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 57740
Ion Ratio Lower Upper
59 100
57 10.0 8.5 12.7

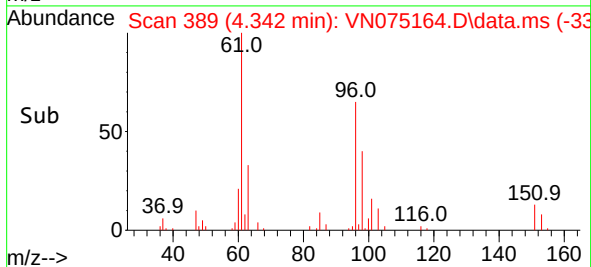
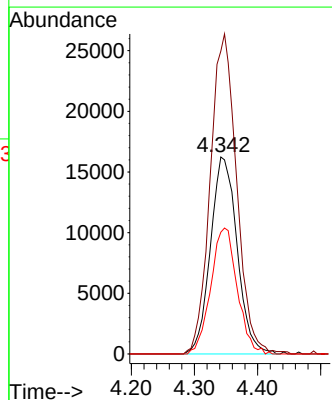
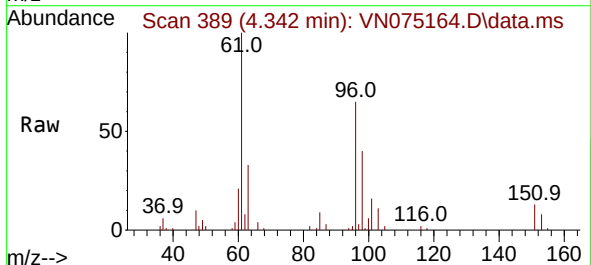
Manual Integrations
APPROVED

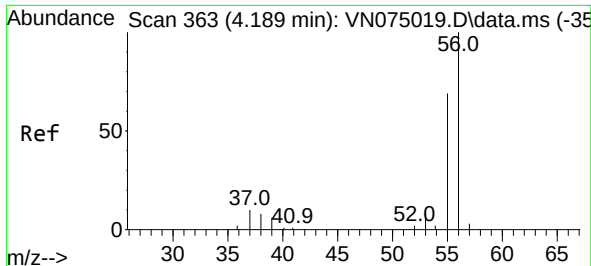
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#12
1,1-Dichloroethene
Concen: 44.155 ug/l
RT: 4.342 min Scan# 389
Delta R.T. -0.006 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

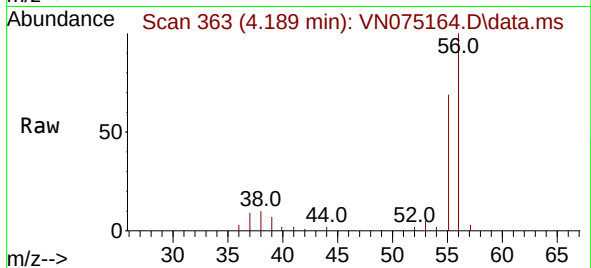
Tgt Ion: 96 Resp: 47602
Ion Ratio Lower Upper
96 100
61 153.8 126.2 189.4
98 61.9 51.5 77.3





#13
Acrolein
Concen: 167.462 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

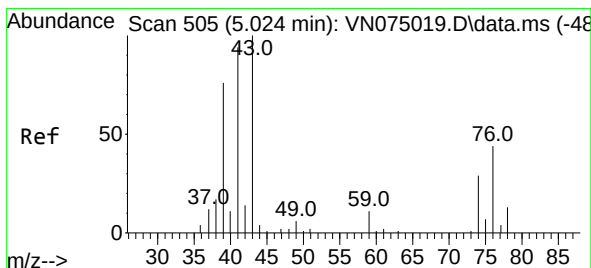
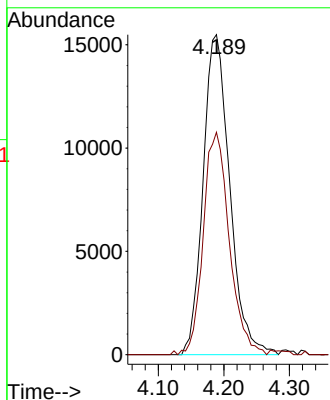
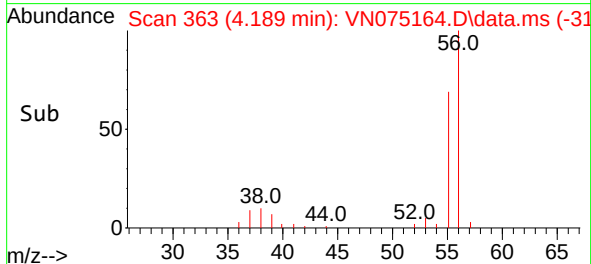
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



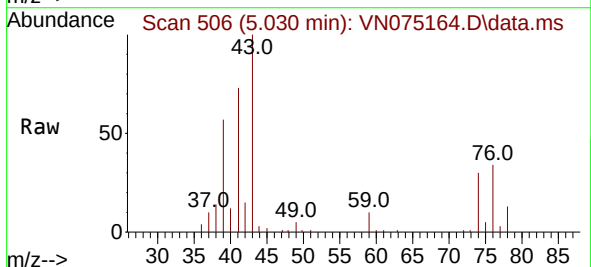
Tgt Ion: 56 Resp: 43772
Ion Ratio Lower Upper
56 100
55 67.9 55.2 82.8

Manual Integrations
APPROVED

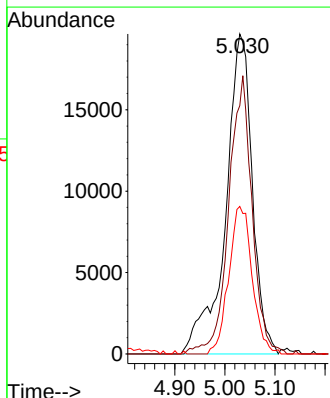
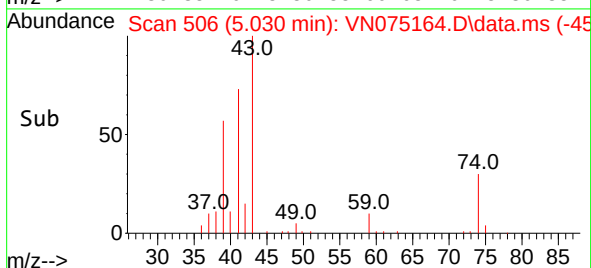
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

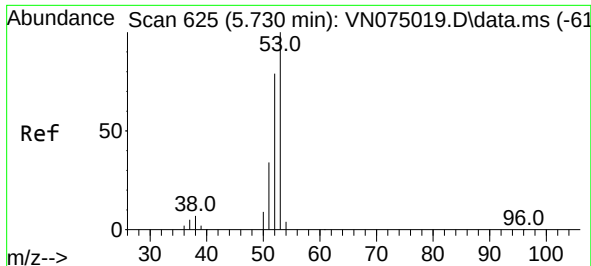


#14
Allyl chloride
Concen: 46.423 ug/l
RT: 5.030 min Scan# 506
Delta R.T. 0.006 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53



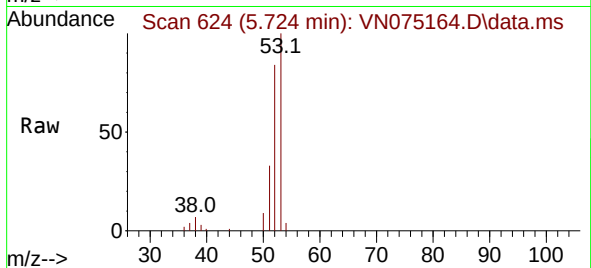
Tgt Ion: 41 Resp: 73094
Ion Ratio Lower Upper
41 100
39 75.7 61.0 91.4
76 40.2 33.4 50.0





#15
Acrylonitrile
Concen: 227.128 ug/l
RT: 5.724 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

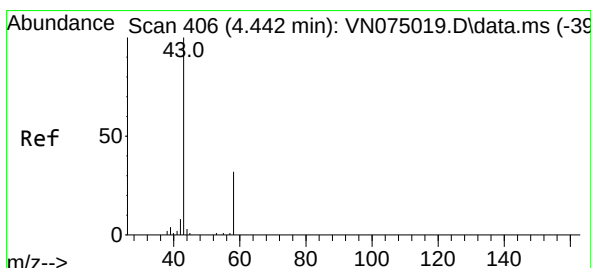
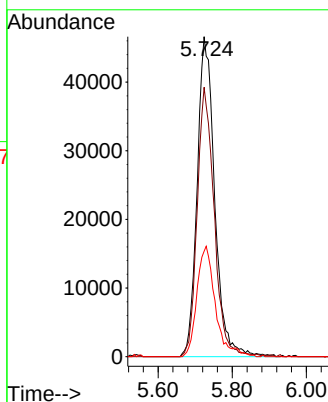
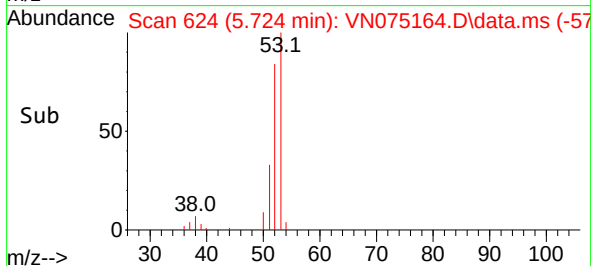
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 15332
Ion Ratio Lower Upper
53 100
52 81.6 66.4 99.6
51 36.2 29.6 44.4

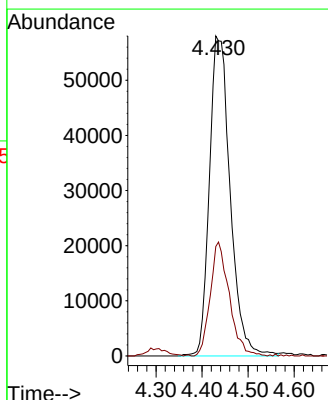
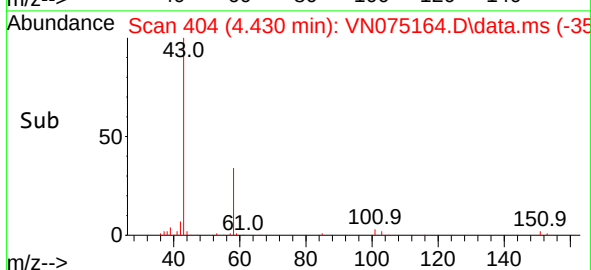
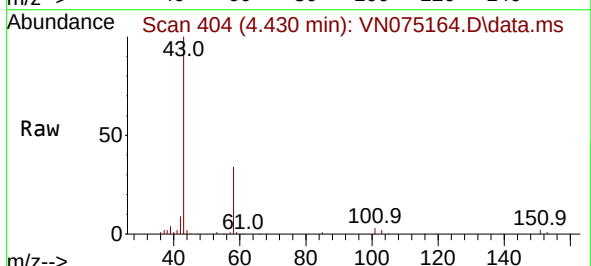
Manual Integrations
APPROVED

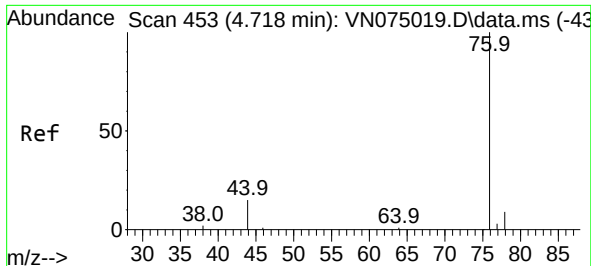
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#16
Acetone
Concen: 313.308 ug/l
RT: 4.430 min Scan# 404
Delta R.T. -0.012 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

Tgt Ion: 43 Resp: 181789
Ion Ratio Lower Upper
43 100
58 34.2 25.5 38.3





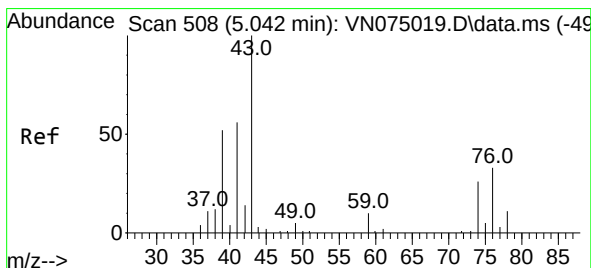
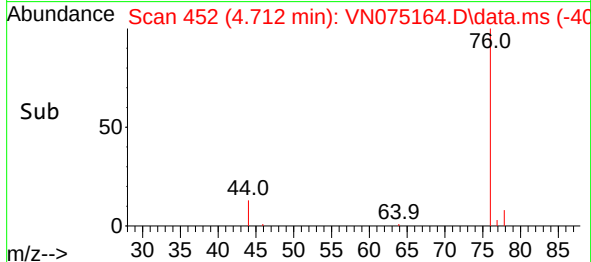
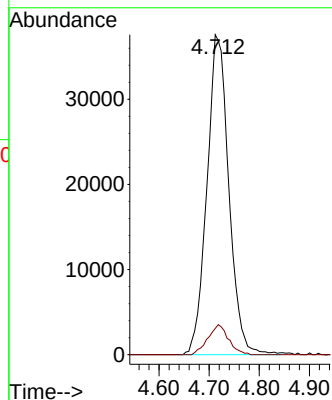
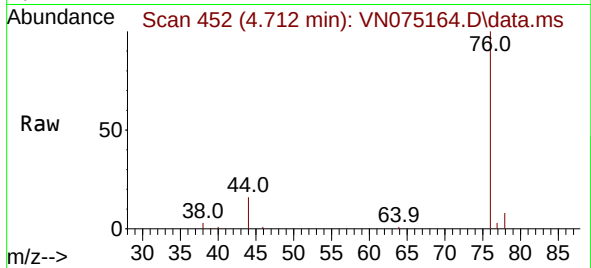
#17
Carbon Disulfide
Concen: 42.121 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 11419
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.2

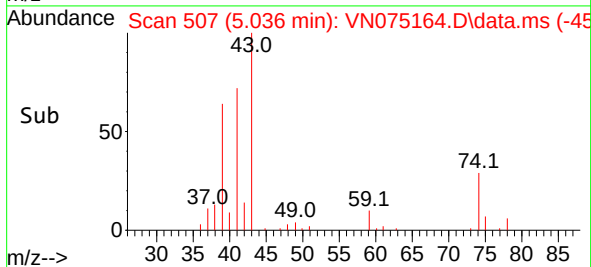
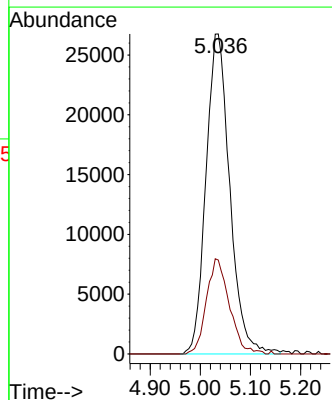
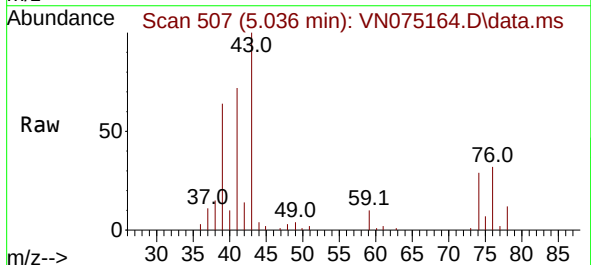
Manual Integrations
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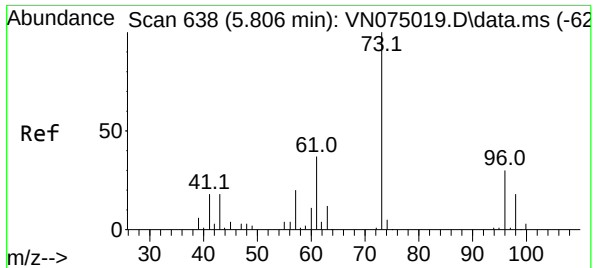
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#18
Methyl Acetate
Concen: 46.504 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

Tgt Ion: 43 Resp: 88138
Ion Ratio Lower Upper
43 100
74 28.7 22.0 33.0





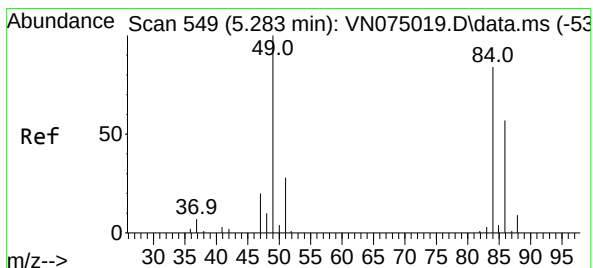
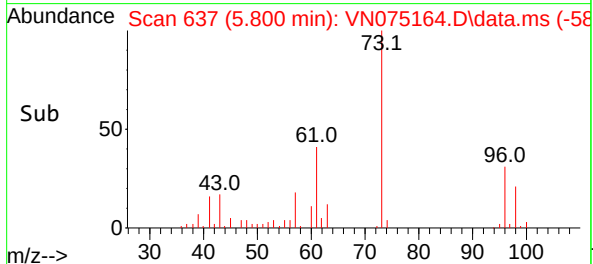
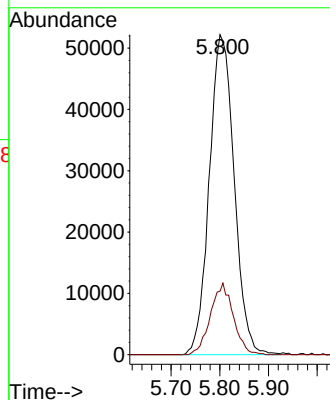
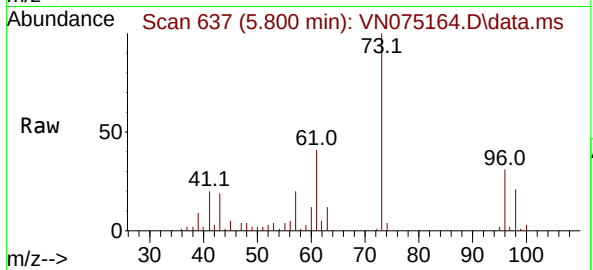
#19
Methyl tert-butyl Ether
Concen: 46.191 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 18508
Ion Ratio Lower Upper
73 100
57 19.8 16.3 24.5

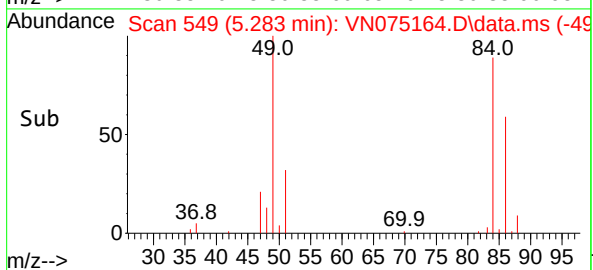
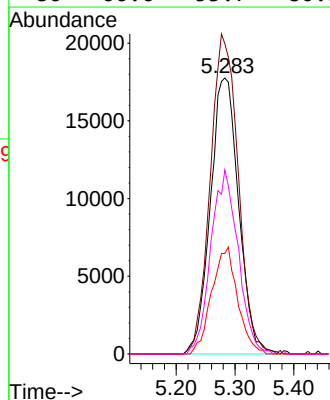
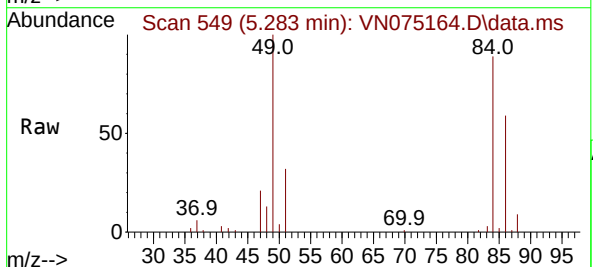
Manual Integrations
APPROVED

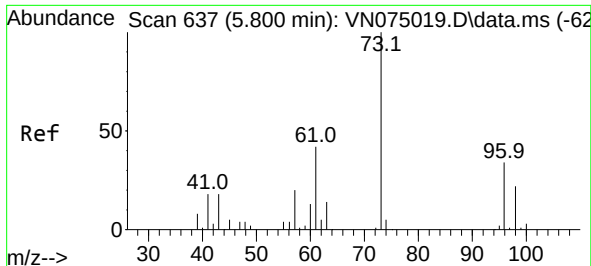
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#20
Methylene Chloride
Concen: 45.922 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

Tgt Ion: 84 Resp: 59409
Ion Ratio Lower Upper
84 100
49 112.4 94.9 142.3
51 36.4 26.8 40.2
86 66.6 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 45.484 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

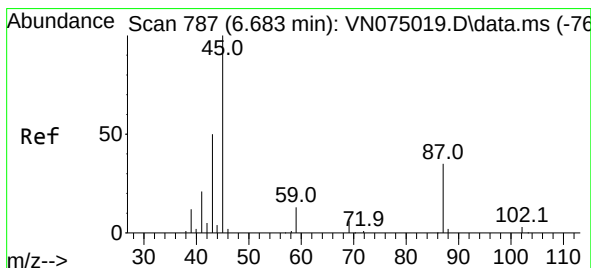
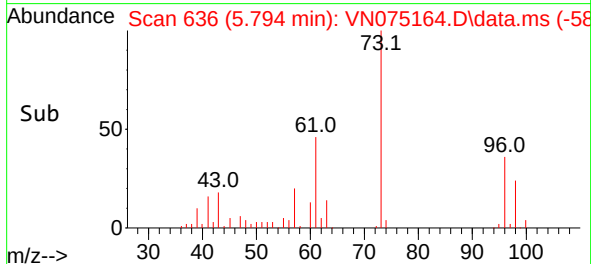
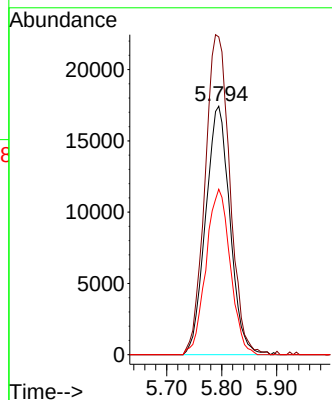
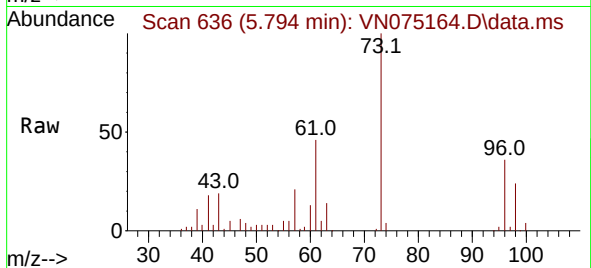
Tgt Ion: 96 Resp: 5368
Ion Ratio Lower Upper
96 100
61 127.9 99.9 149.9
98 66.6 51.5 77.3

Manual Integrations

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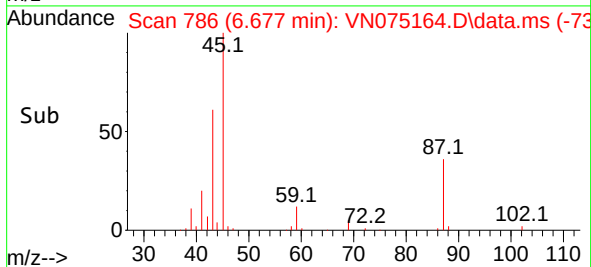
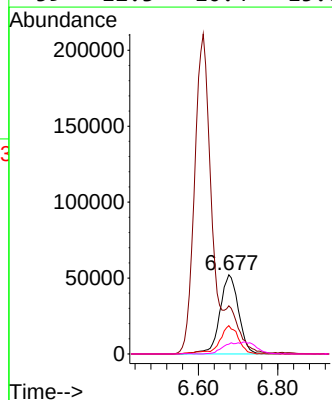
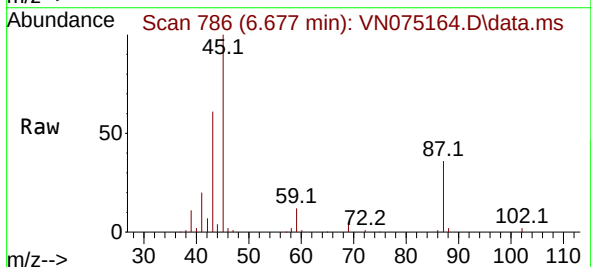
Reviewed By :John Carlone 11/07/2022

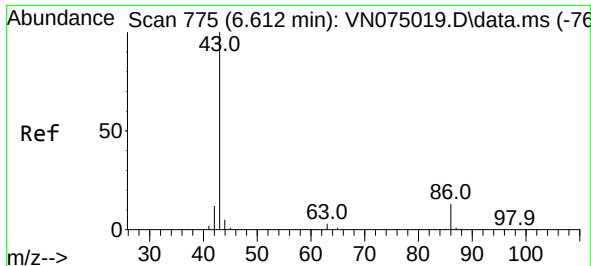
Supervised By :Mahesh Dadoda 11/07/2022



#22
Diisopropyl ether
Concen: 49.141 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

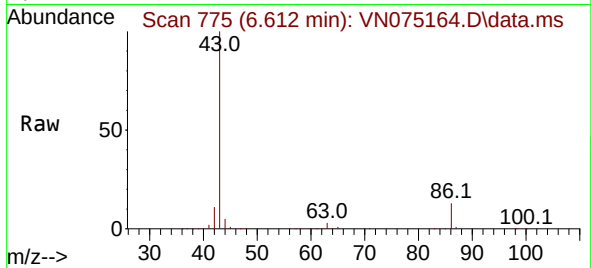
Tgt Ion: 45 Resp: 170752
Ion Ratio Lower Upper
45 100
43 59.2 42.8 64.2
87 35.9 28.4 42.6
59 12.3 10.4 15.6





#23
 Vinyl Acetate
 Concen: 234.457 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075164.D
 Acq: 04 Nov 2022 09:53

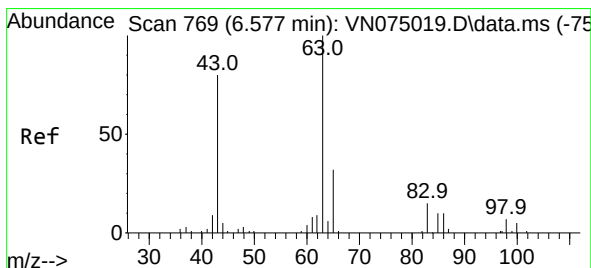
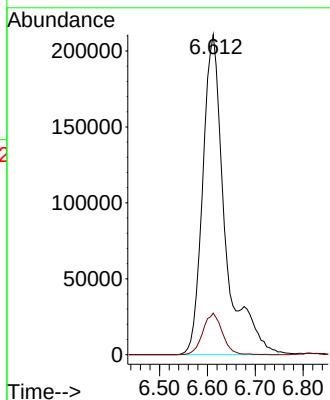
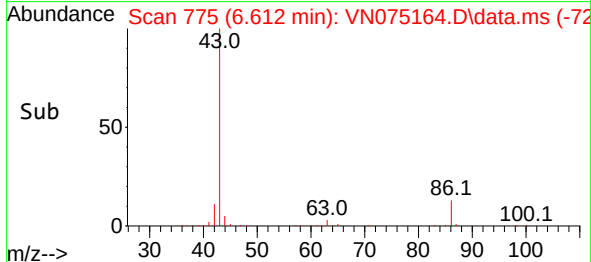
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



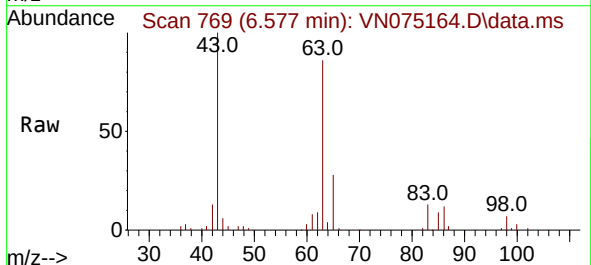
Tgt Ion: 43 Resp: 68029
 Ion Ratio Lower Upper
 43 100
 86 13.0 10.7 16.1

Manual Integrations
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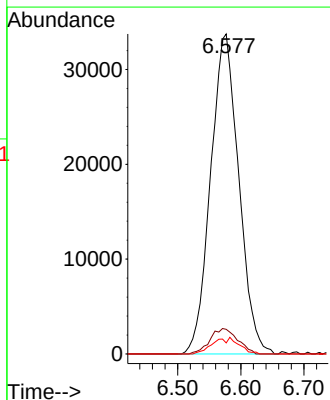
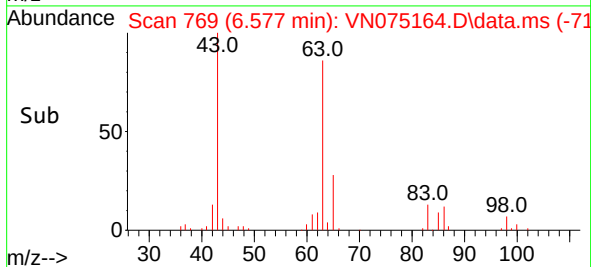
Reviewed By :John Carlone 11/07/2022
 Supervised By :Mahesh Dadoda 11/07/2022

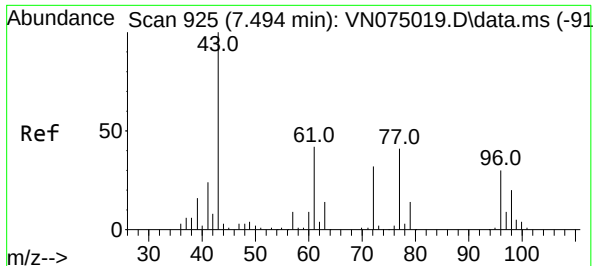


#24
 1,1-Dichloroethane
 Concen: 47.625 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075164.D
 Acq: 04 Nov 2022 09:53



Tgt Ion: 63 Resp: 104660
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.8
 100 3.5 2.4 7.2





#25

2-Butanone

Concen: 251.628 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075164.D

Acq: 04 Nov 2022 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 22964

Ion Ratio Lower Upper

43 100

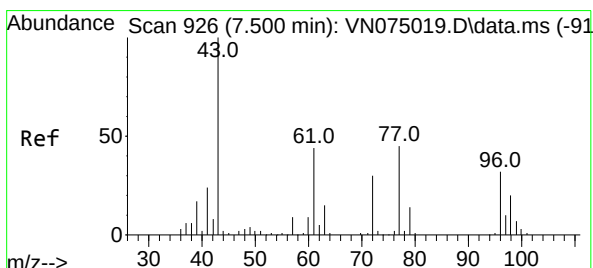
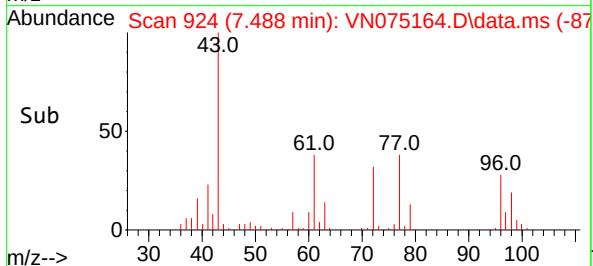
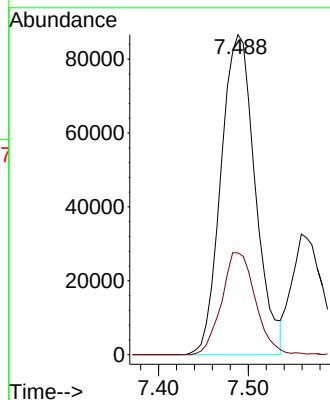
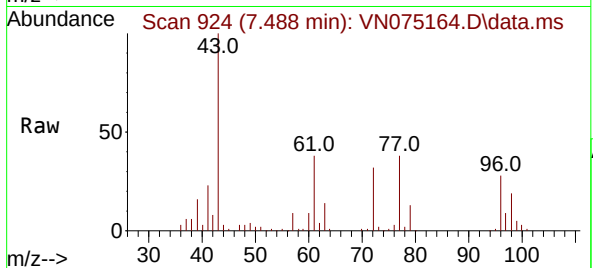
72 31.8 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#26

2,2-Dichloropropane

Concen: 49.454 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.006 min

Lab File: VN075164.D

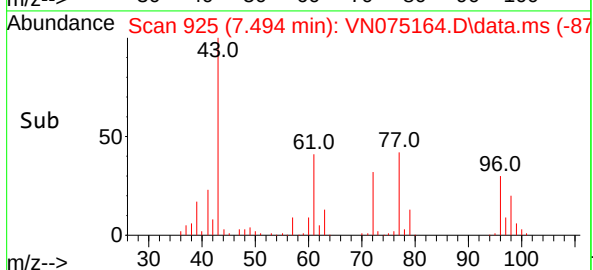
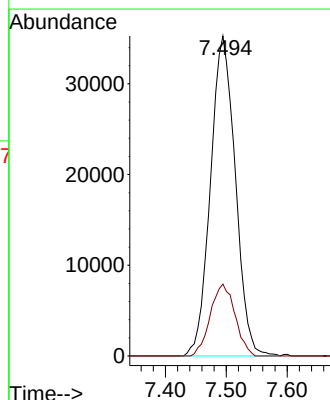
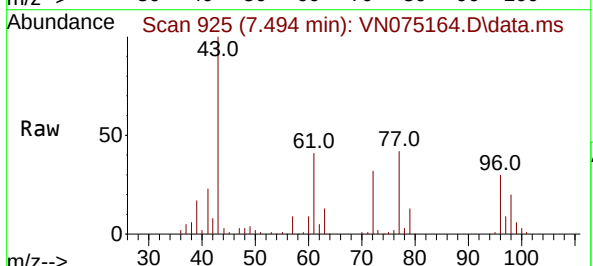
Acq: 04 Nov 2022 09:53

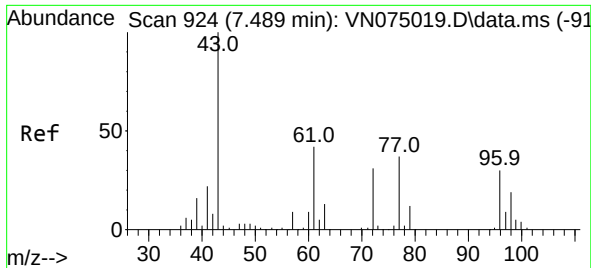
Tgt Ion: 77 Resp: 99980

Ion Ratio Lower Upper

77 100

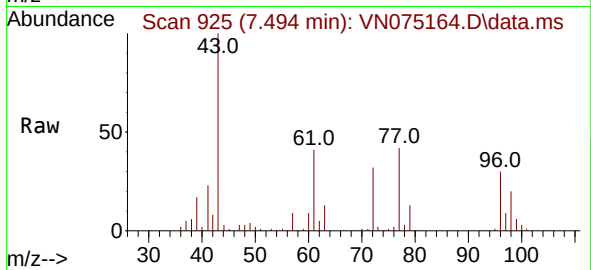
97 22.3 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 48.614 ug/l
RT: 7.494 min Scan# 911
Delta R.T. 0.005 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

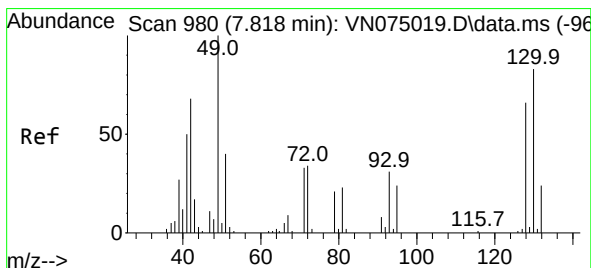
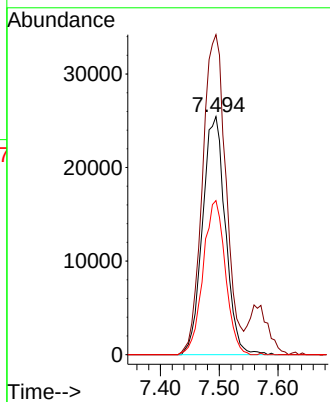
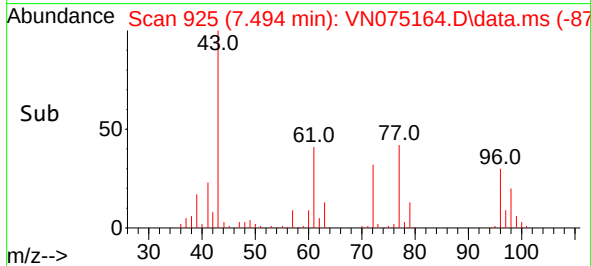
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 6852
Ion Ratio Lower Upper
96 100
61 138.4 0.0 278.8
98 63.2 0.0 128.4

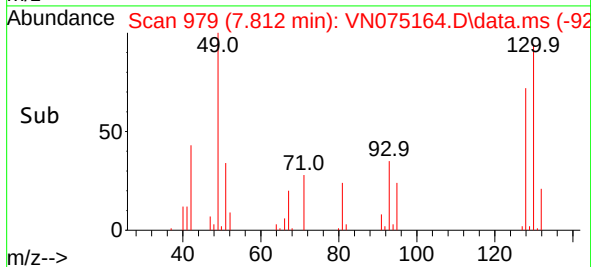
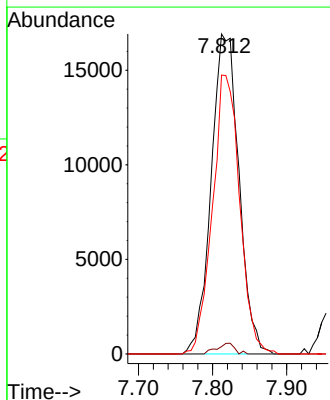
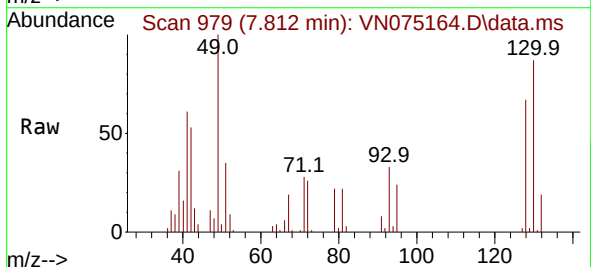
Manual Integrations
APPROVED

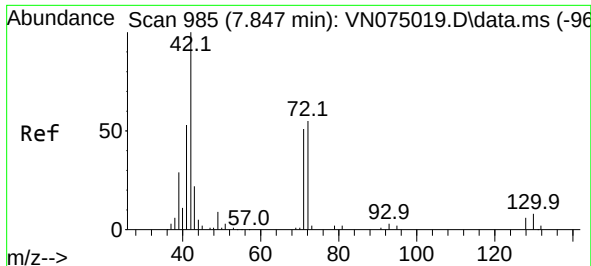
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#28
Bromochloromethane
Concen: 47.527 ug/l
RT: 7.812 min Scan# 979
Delta R.T. -0.006 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

Tgt Ion: 49 Resp: 44028
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.6
130 85.4 66.2 99.4





#29

Tetrahydrofuran

Concen: 226.974 ug/l

RT: 7.841 min Scan# 985

Delta R.T. -0.006 min

Lab File: VN075164.D

Acq: 04 Nov 2022 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

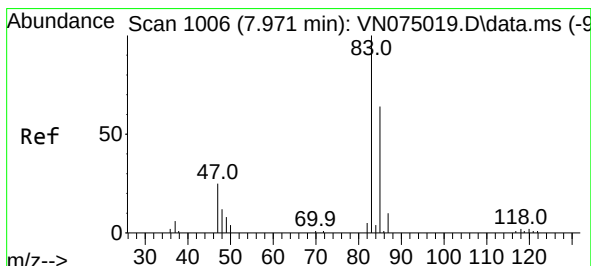
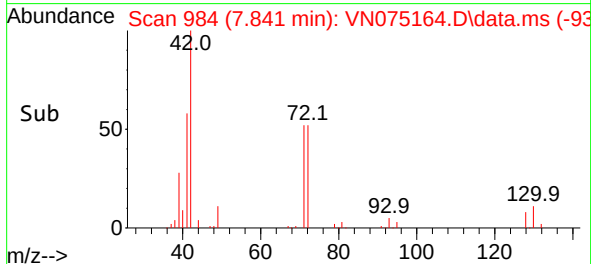
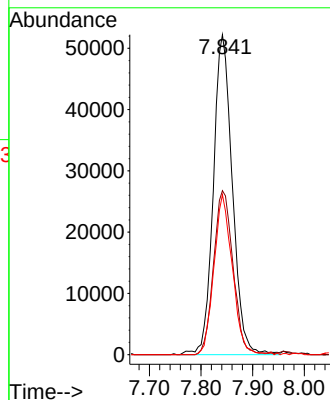
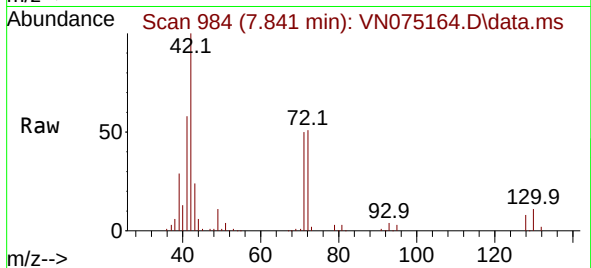
Tgt Ion: 42 Resp: 13385
 Ion Ratio Lower Upper
 42 100
 72 52.2 43.0 64.6
 71 48.1 39.9 59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#30

Chloroform

Concen: 49.160 ug/l

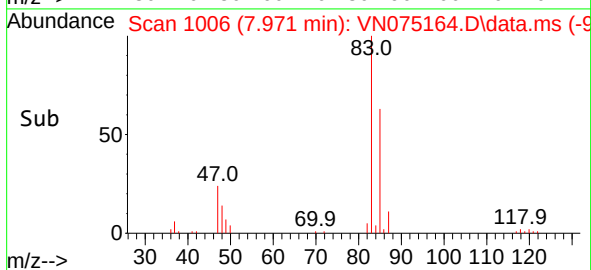
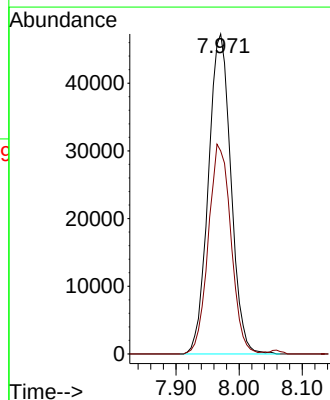
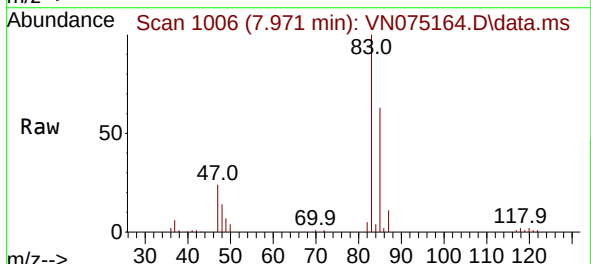
RT: 7.971 min Scan# 1006

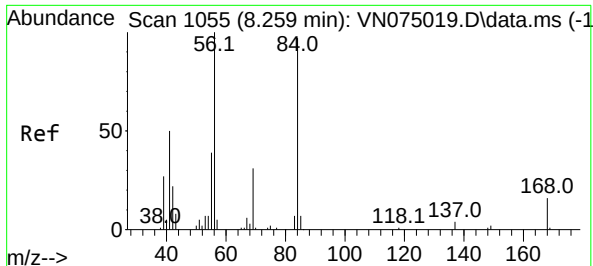
Delta R.T. -0.000 min

Lab File: VN075164.D

Acq: 04 Nov 2022 09:53

Tgt Ion: 83 Resp: 117295
 Ion Ratio Lower Upper
 83 100
 85 63.4 51.4 77.0





#31

Cyclohexane

Concen: 45.551 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN075164.D

Acq: 04 Nov 2022 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

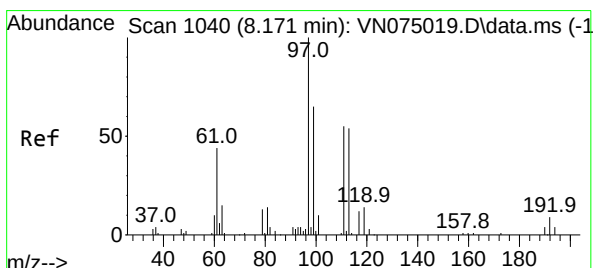
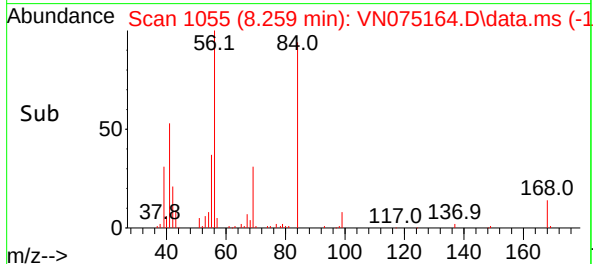
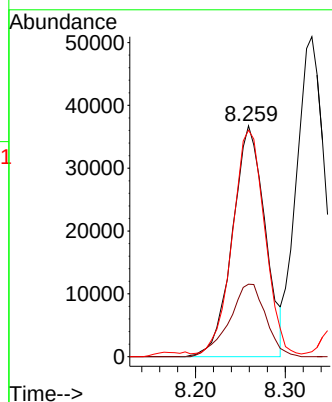
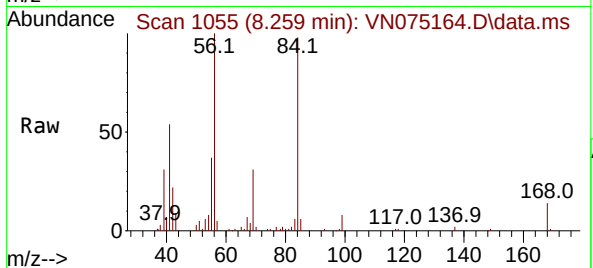
Tgt Ion:	56	Resp:	92835
Ion Ratio	Lower	Upper	
56	100		
69	31.4	25.2	37.8
84	96.7	77.8	116.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#32

1,1,1-Trichloroethane

Concen: 49.953 ug/l

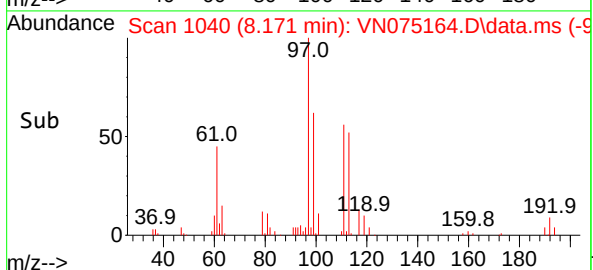
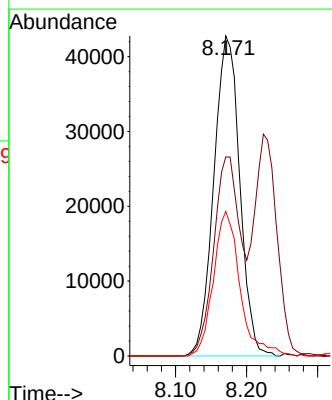
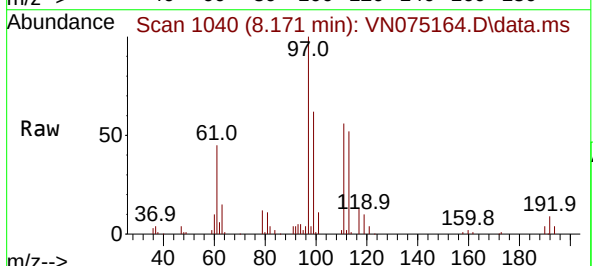
RT: 8.171 min Scan# 1040

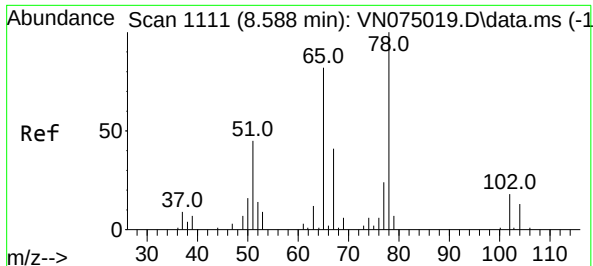
Delta R.T. -0.000 min

Lab File: VN075164.D

Acq: 04 Nov 2022 09:53

Tgt Ion:	97	Resp:	108235
Ion Ratio	Lower	Upper	
97	100		
99	64.5	50.2	75.2
61	46.5	37.0	55.6





#33

1,2-Dichloroethane-d4

Concen: 47.889 ug/l

RT: 8.577 min Scan# 1109

Delta R.T. -0.011 min

Lab File: VN075164.D

Acq: 04 Nov 2022 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 6562

Ion Ratio Lower Upper

65 100

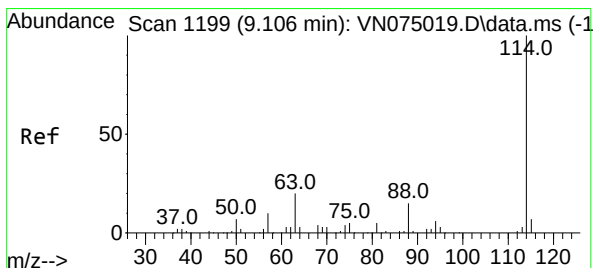
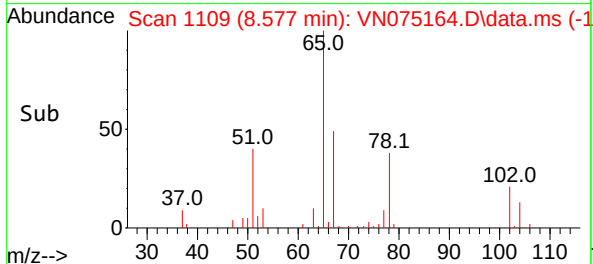
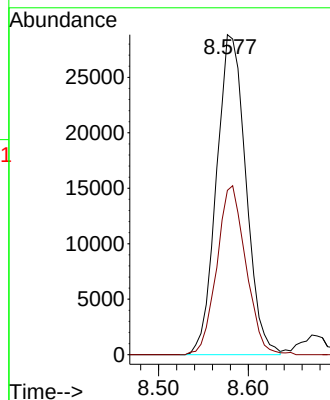
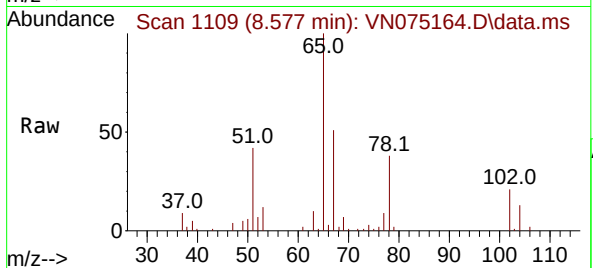
67 52.1 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075164.D

Acq: 04 Nov 2022 09:53

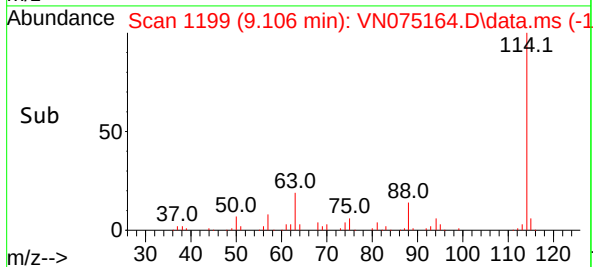
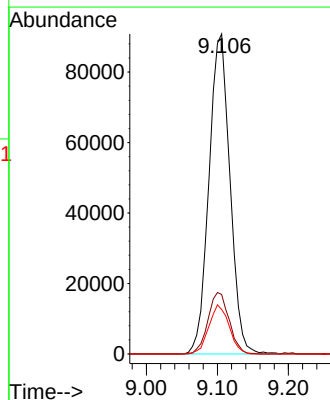
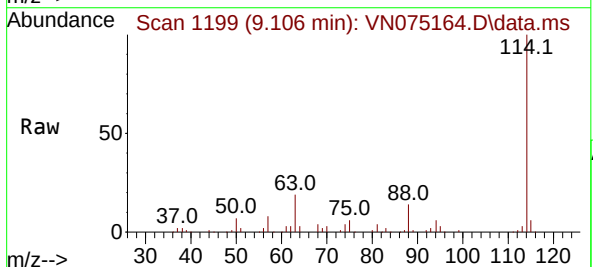
Tgt Ion:114 Resp: 186486

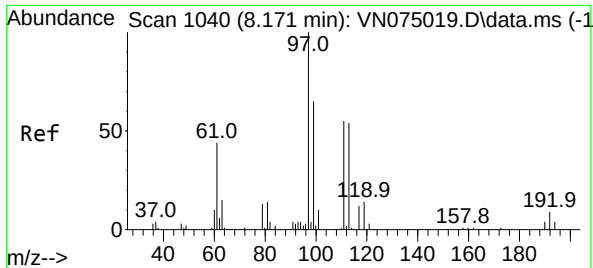
Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.6

88 13.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.761 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075164.D

Acq: 04 Nov 2022 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

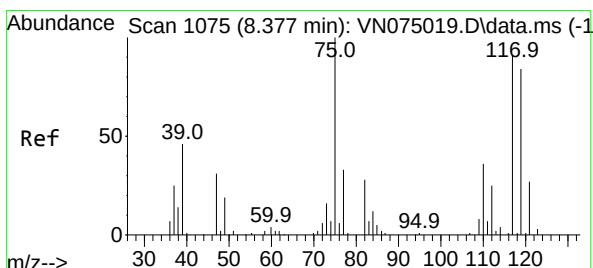
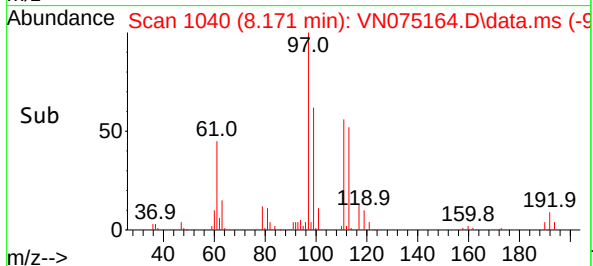
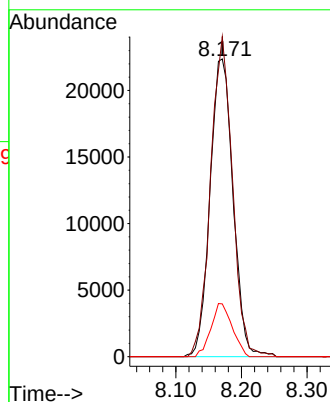
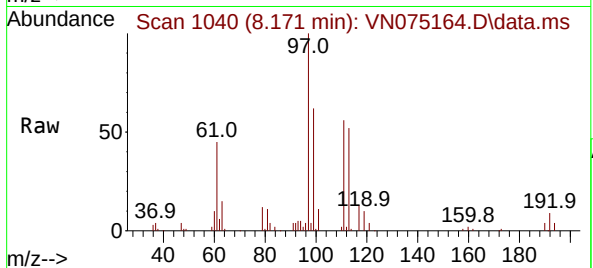
Tgt Ion:	113	Resp:	5447
Ion Ratio	Lower	Upper	
113	100		
111	102.1	80.5	120.7
192	16.5	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#36

1,1-Dichloropropene

Concen: 49.719 ug/l

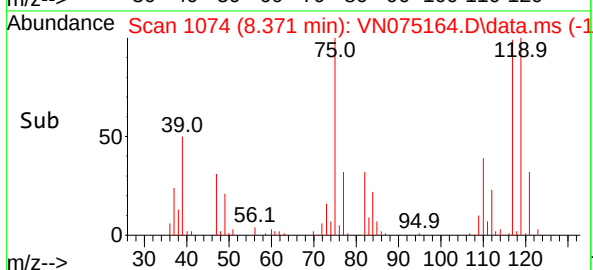
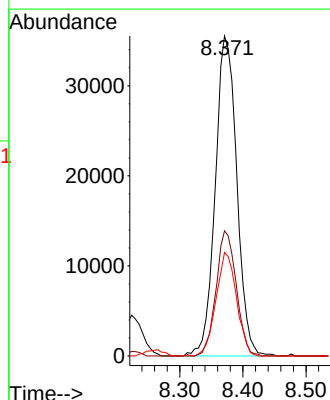
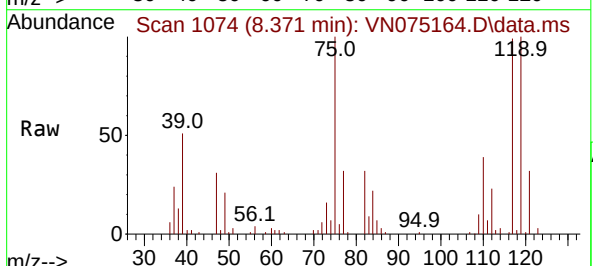
RT: 8.371 min Scan# 1074

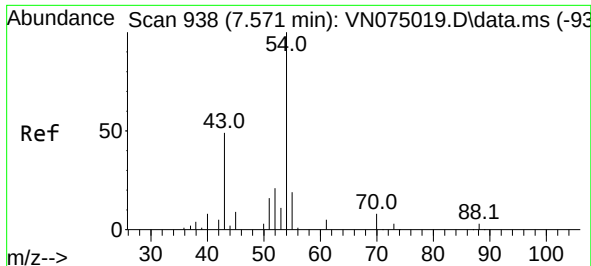
Delta R.T. -0.006 min

Lab File: VN075164.D

Acq: 04 Nov 2022 09:53

Tgt Ion:	75	Resp:	84268
Ion Ratio	Lower	Upper	
75	100		
110	36.6	17.8	53.3
77	30.9	24.6	37.0





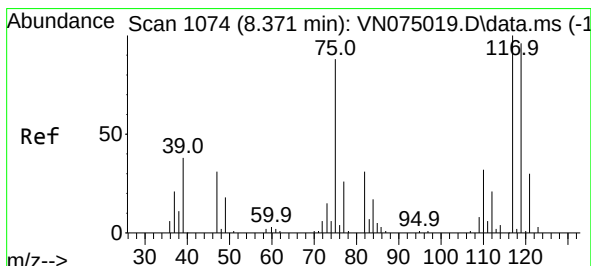
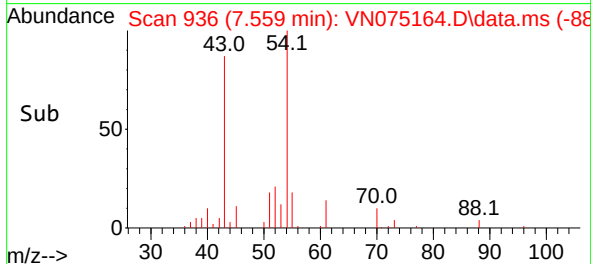
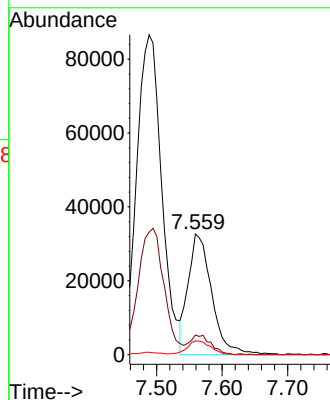
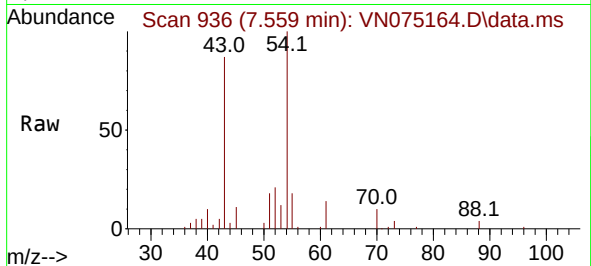
#37
Ethyl Acetate
Concen: 44.006 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 8179
Ion Ratio Lower Upper
43 100
61 14.7 12.2 18.4
70 11.4 9.4 14.2

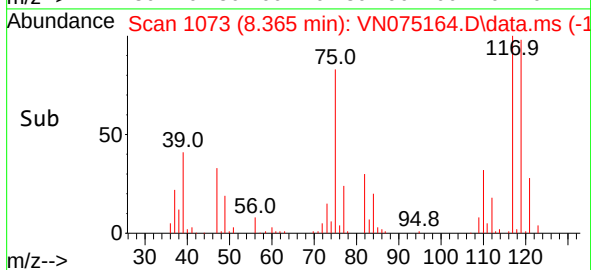
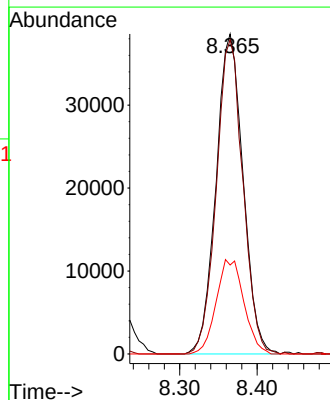
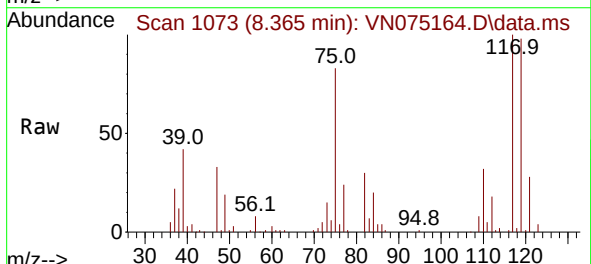
Manual Integrations
APPROVED

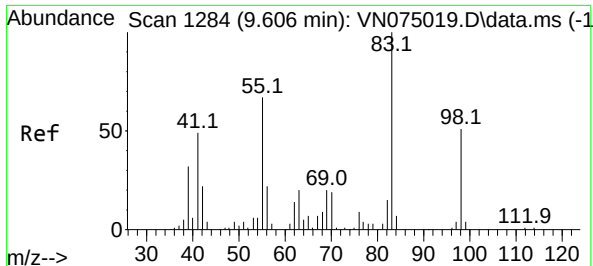
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#38
Carbon Tetrachloride
Concen: 50.230 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

Tgt Ion:117 Resp: 93648
Ion Ratio Lower Upper
117 100
119 98.2 76.7 115.1
121 27.8 23.9 35.9





#39
Methylcyclohexane
Concen: 49.452 ug/l
RT: 9.600 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

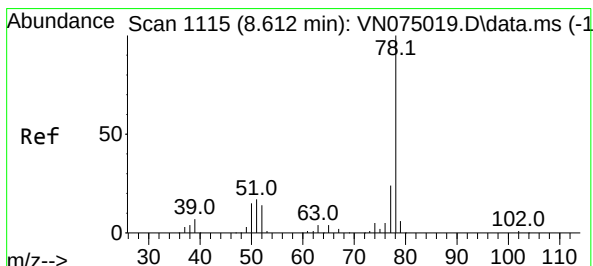
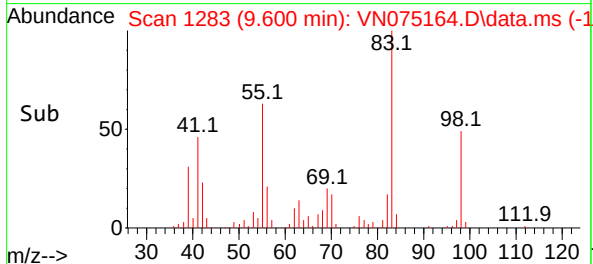
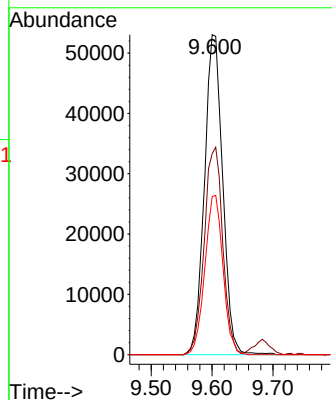
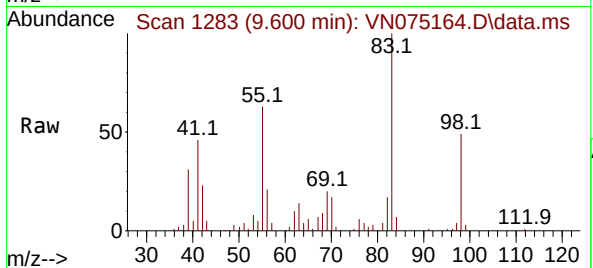
Tgt Ion: 83 Resp: 110650
Ion Ratio Lower Upper
83 100
55 62.8 53.6 80.4
98 49.4 41.1 61.7

Manual Integrations

APPROVED

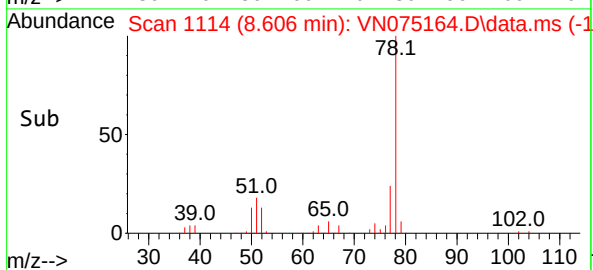
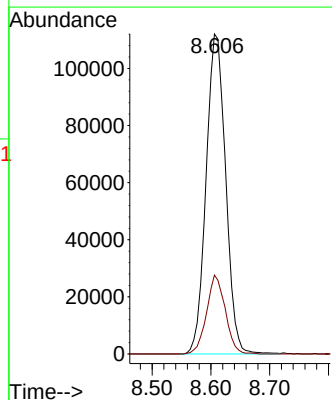
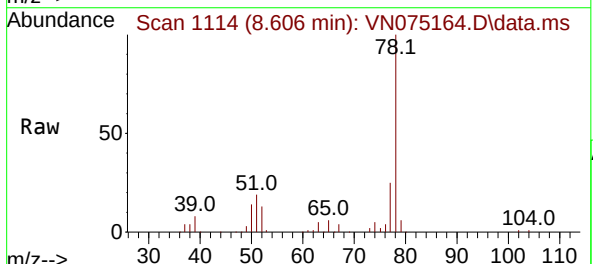
Reviewed By :John Carlone 11/07/2022

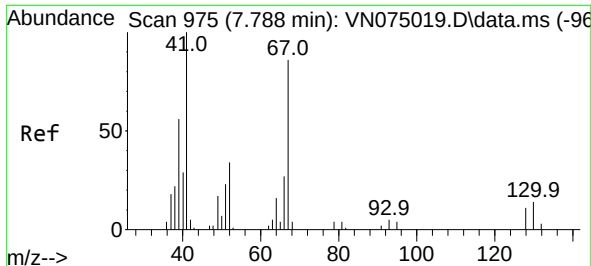
Supervised By :Mahesh Dadoda 11/07/2022



#40
Benzene
Concen: 49.994 ug/l
RT: 8.606 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

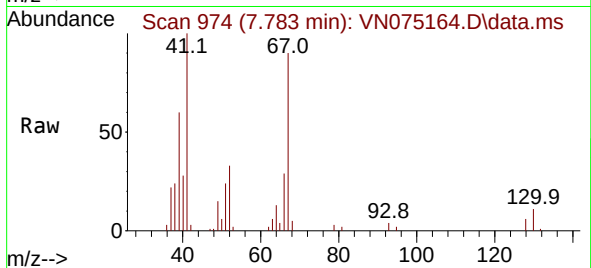
Tgt Ion: 78 Resp: 259443
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.0





#41
Methacrylonitrile
Concen: 46.065 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

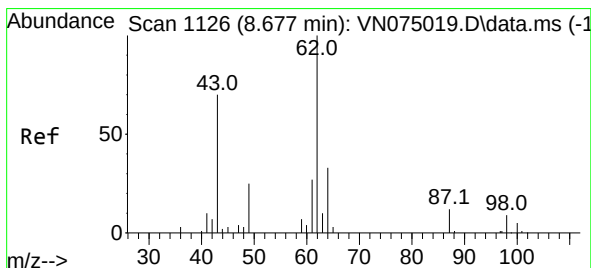
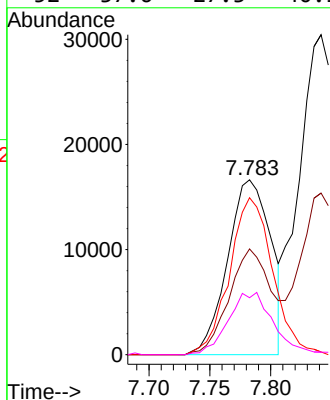
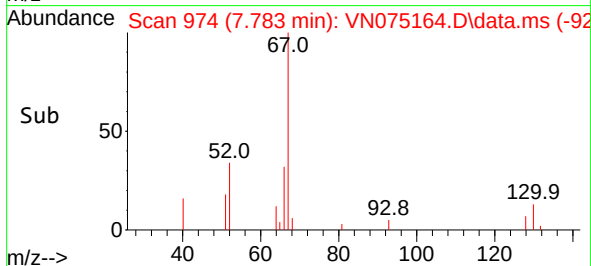
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 4102
Ion Ratio Lower Upper
41 100
39 57.6 44.4 66.6
67 89.9 69.8 104.6
52 37.6 27.3 40.9

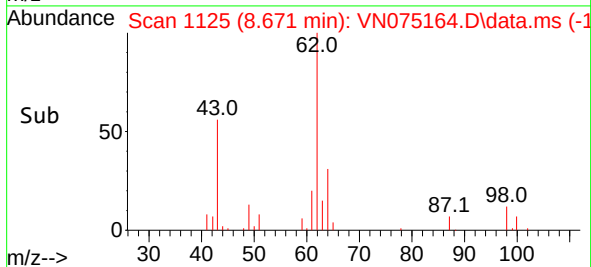
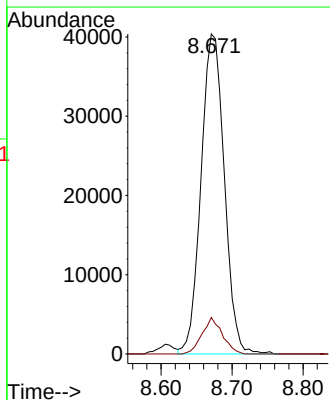
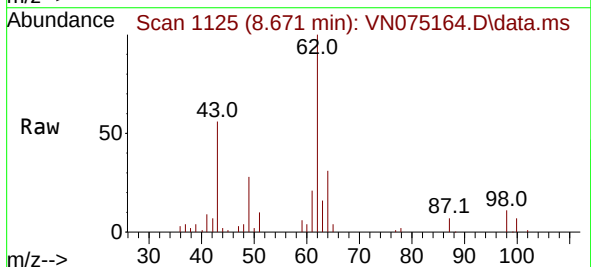
Manual Integrations
APPROVED

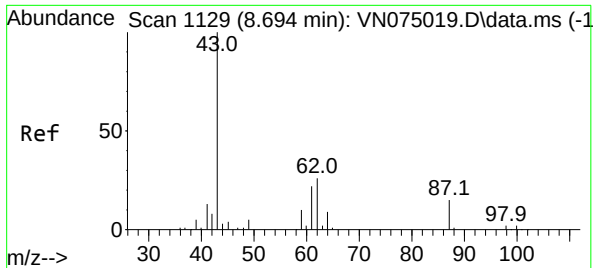
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#42
1,2-Dichloroethane
Concen: 48.773 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

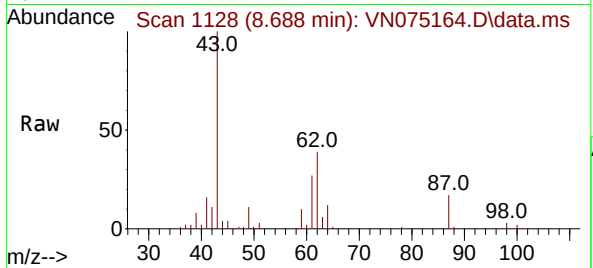
Tgt Ion: 62 Resp: 92085
Ion Ratio Lower Upper
62 100
98 9.9 0.0 18.2





#43
Isopropyl Acetate
Concen: 46.181 ug/l
RT: 8.688 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

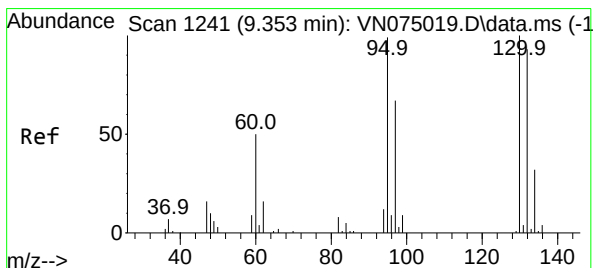
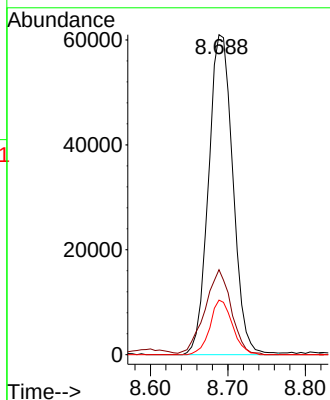
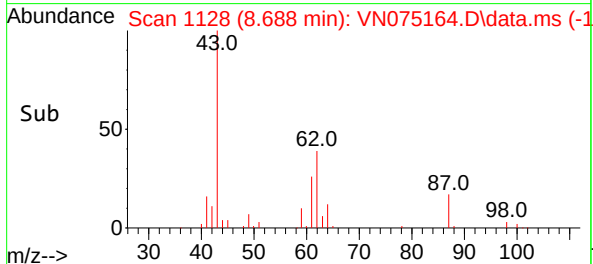
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



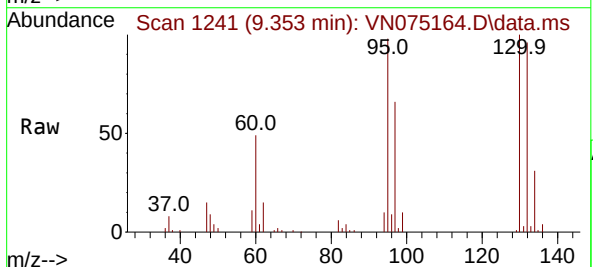
Tgt Ion: 43 Resp: 133148
Ion Ratio Lower Upper
43 100
61 28.7 22.4 33.6
87 15.8 12.5 18.7

Manual Integrations
APPROVED

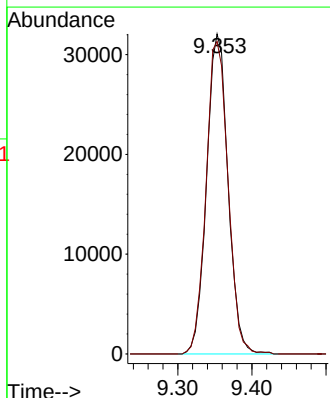
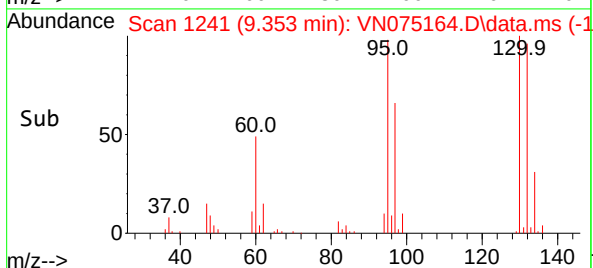
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

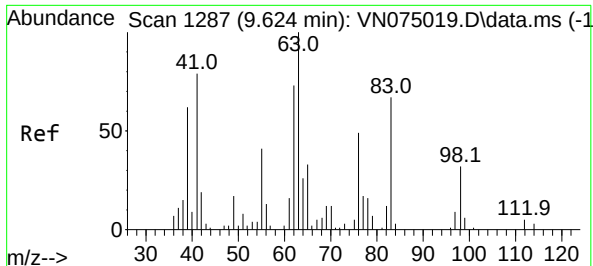


#44
Trichloroethene
Concen: 49.473 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53



Tgt Ion:130 Resp: 64413
Ion Ratio Lower Upper
130 100
95 97.6 0.0 198.4





#45

1,2-Dichloropropane

Concen: 52.171 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075164.D

Acq: 04 Nov 2022 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 6443

Ion Ratio Lower Upper

63 100

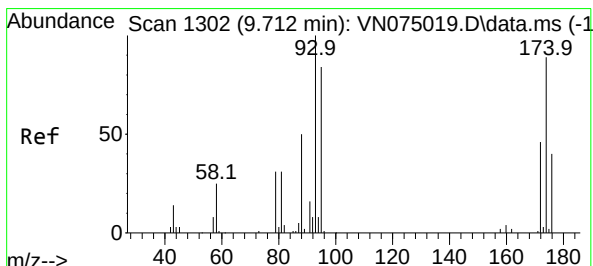
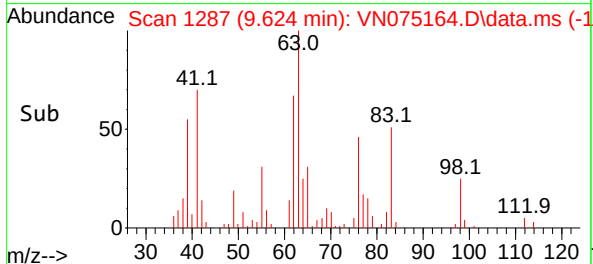
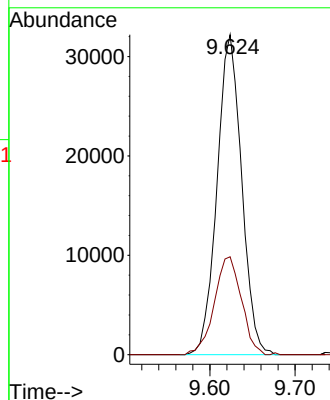
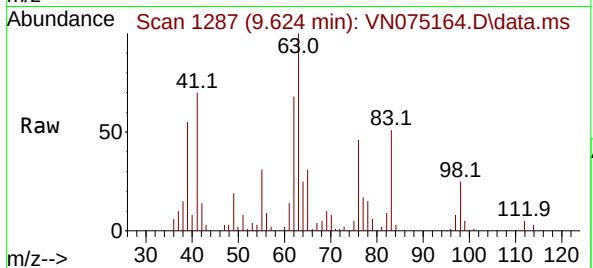
65 30.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#46

Dibromomethane

Concen: 50.315 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075164.D

Acq: 04 Nov 2022 09:53

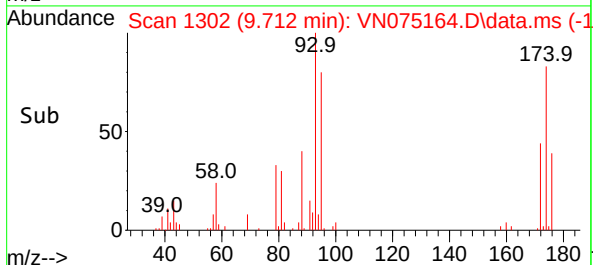
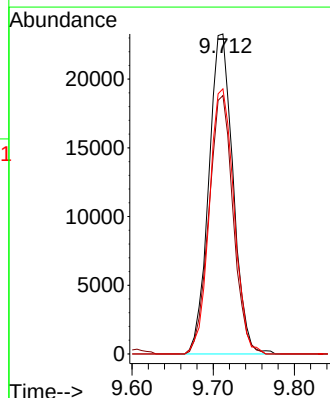
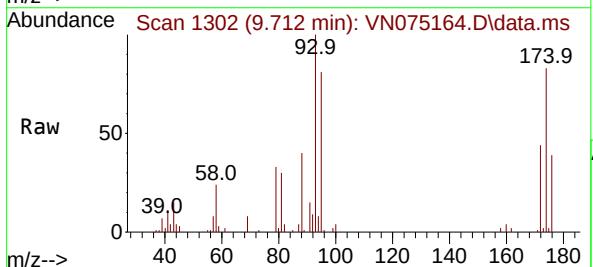
Tgt Ion: 93 Resp: 48412

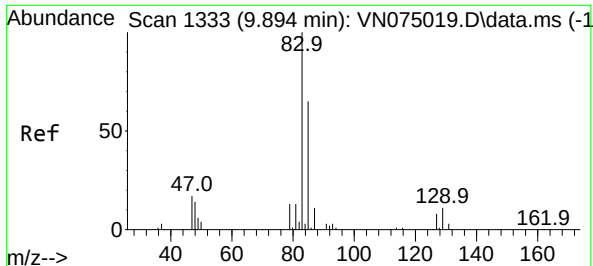
Ion Ratio Lower Upper

93 100

95 80.5 66.6 99.8

174 83.8 70.3 105.5





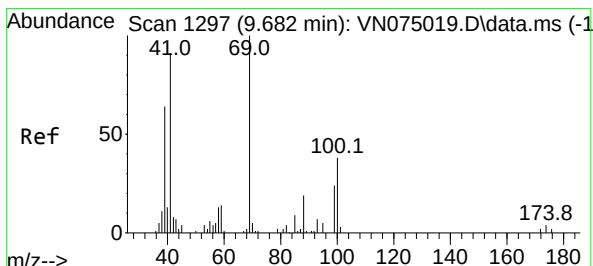
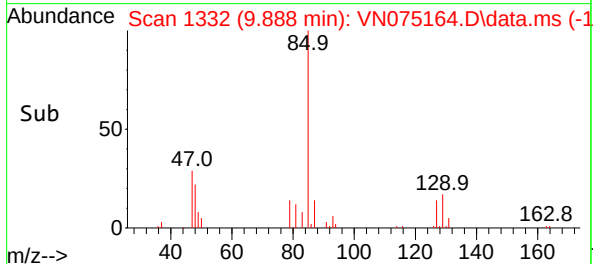
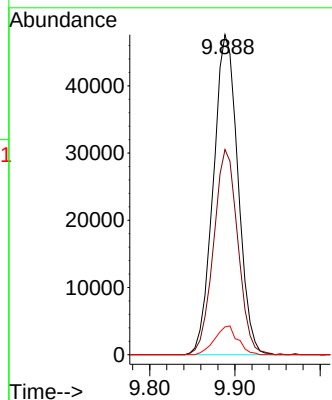
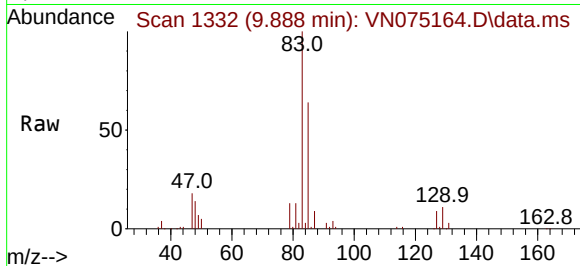
#47
Bromodichloromethane
Concen: 51.347 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 95674
Ion Ratio Lower Upper
83 100
85 64.1 52.1 78.1
127 8.7 6.6 10.0

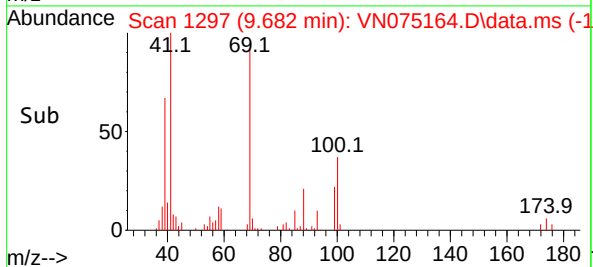
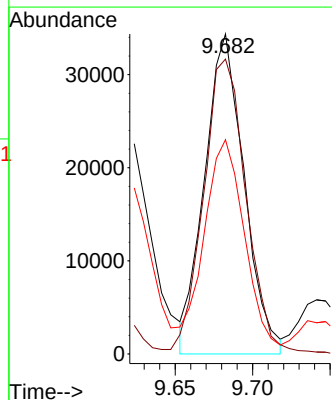
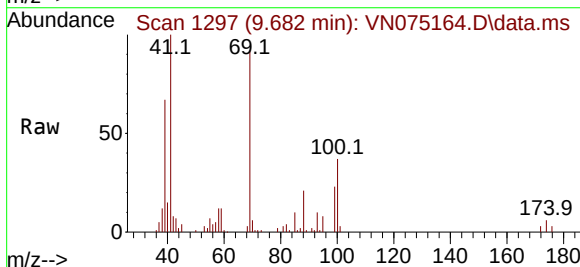
Manual Integrations
APPROVED

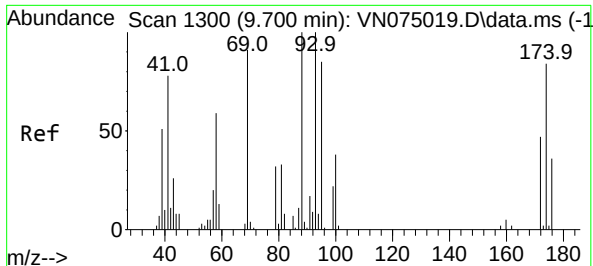
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#48
Methyl methacrylate
Concen: 46.252 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

Tgt Ion: 41 Resp: 61171
Ion Ratio Lower Upper
41 100
69 99.2 80.2 120.2
39 70.3 56.2 84.2





#49

1,4-Dioxane

Concen: 892.193 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075164.D

Acq: 04 Nov 2022 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 3089

Ion Ratio Lower Upper

88 100

43 23.7 17.5 26.3

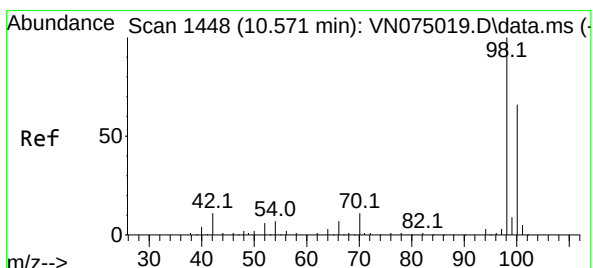
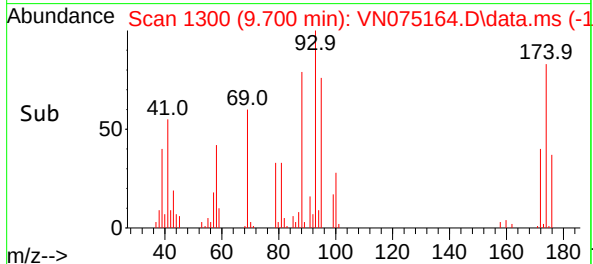
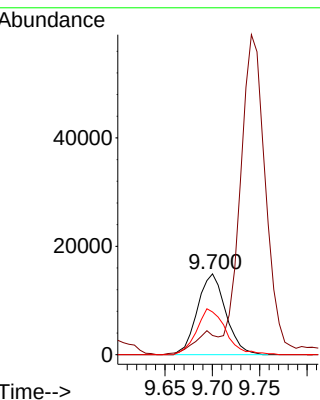
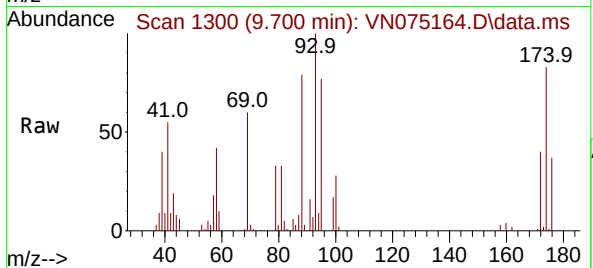
58 58.8 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#50

Toluene-d8

Concen: 49.335 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN075164.D

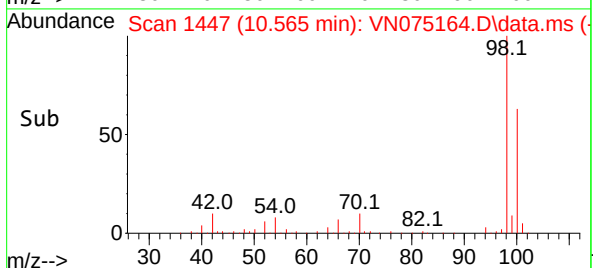
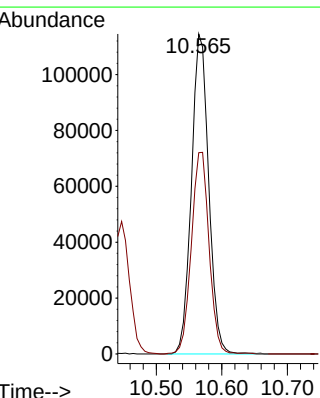
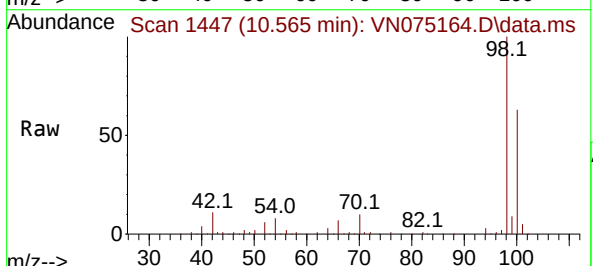
Acq: 04 Nov 2022 09:53

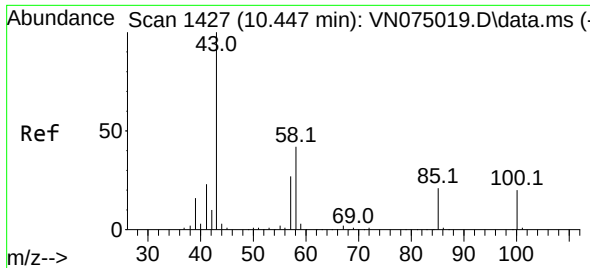
Tgt Ion: 98 Resp: 209544

Ion Ratio Lower Upper

98 100

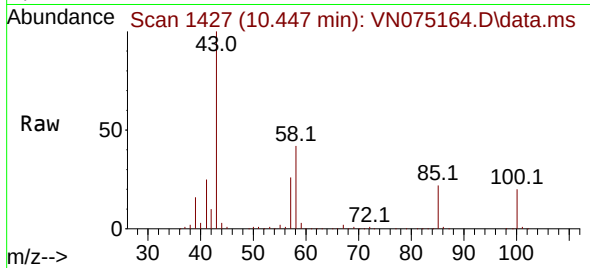
100 64.7 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 233.180 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

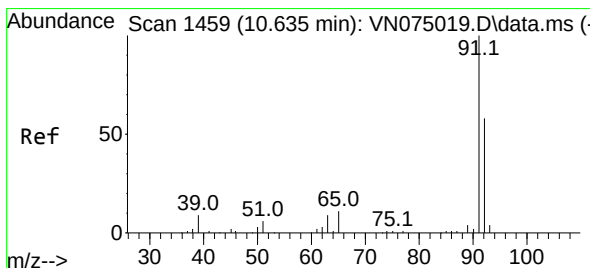
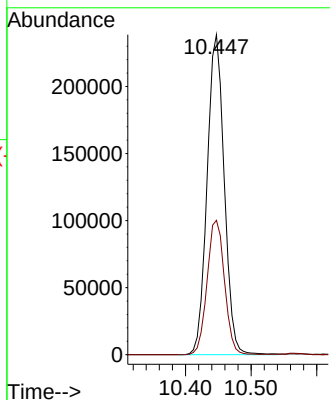
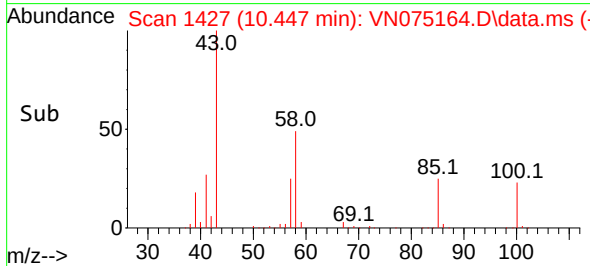
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



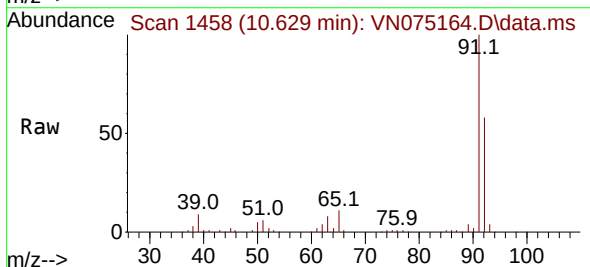
Tgt Ion: 43 Resp: 433830
Ion Ratio Lower Upper
43 100
58 42.7 33.6 50.4

Manual Integrations
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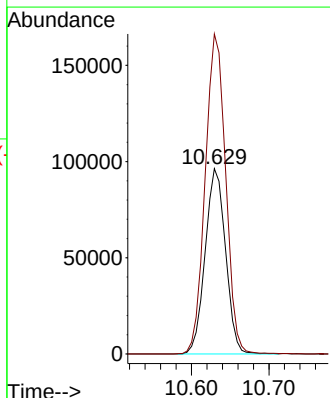
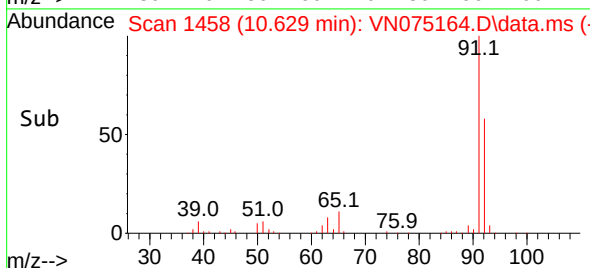
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

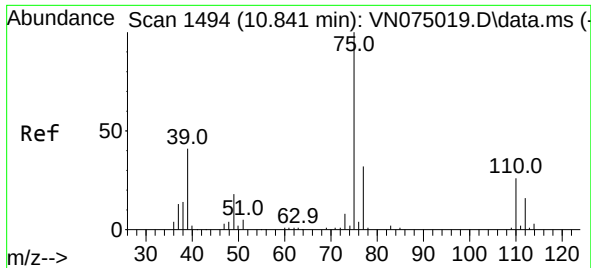


#52
Toluene
Concen: 50.769 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53



Tgt Ion: 92 Resp: 176119
Ion Ratio Lower Upper
92 100
91 173.6 135.4 203.2





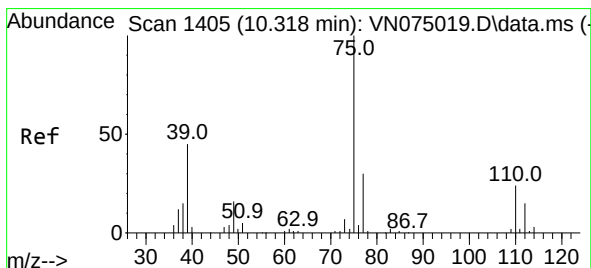
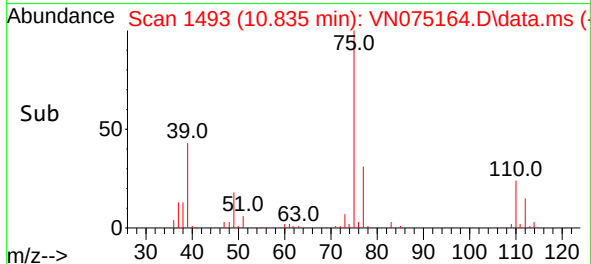
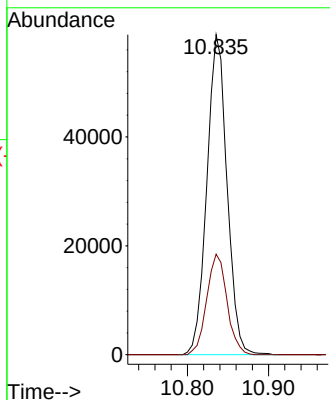
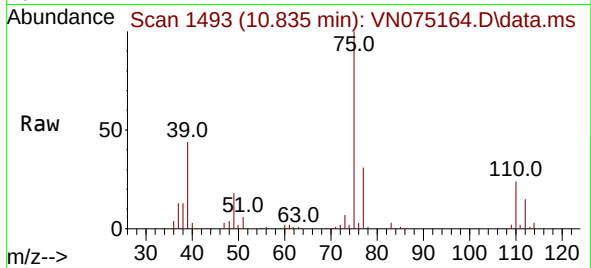
#53
 t-1,3-Dichloropropene
 Concen: 51.473 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.006 min
 Lab File: VN075164.D
 Acq: 04 Nov 2022 09:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 10123
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.2

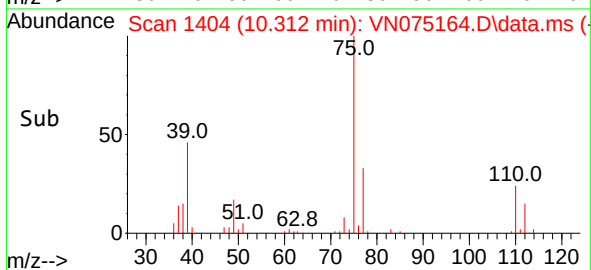
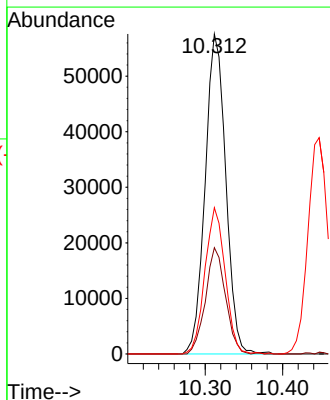
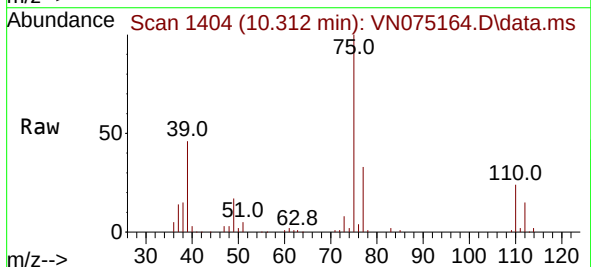
Manual Integrations
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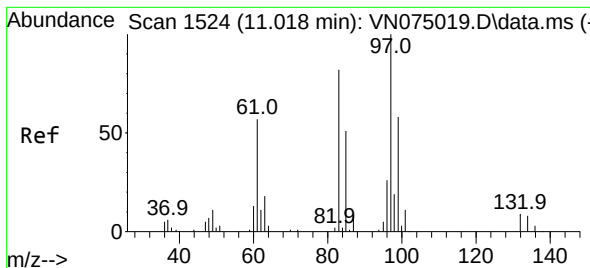
Reviewed By :John Carlone 11/07/2022
 Supervised By :Mahesh Dadoda 11/07/2022



#54
 cis-1,3-Dichloropropene
 Concen: 51.029 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.006 min
 Lab File: VN075164.D
 Acq: 04 Nov 2022 09:53

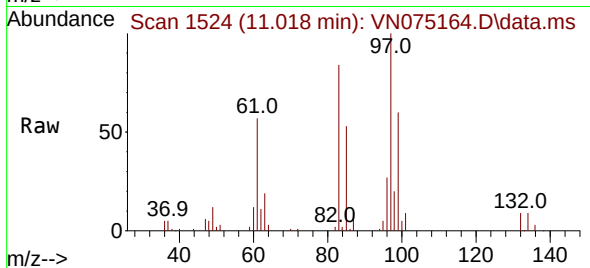
Tgt Ion: 75 Resp: 106444
 Ion Ratio Lower Upper
 75 100
 77 33.2 23.7 35.5
 39 45.7 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 50.171 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

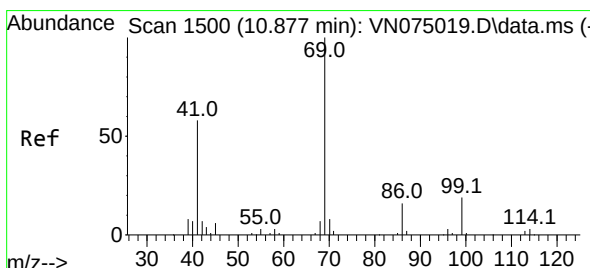
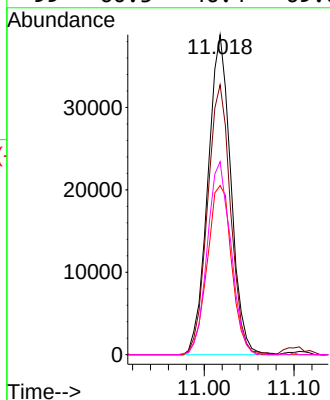
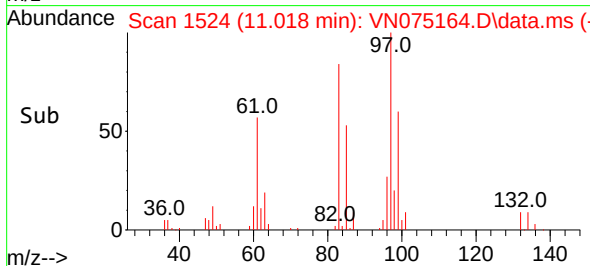
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.3	65.9	98.9
85	52.8	40.4	60.6
99	60.3	46.4	69.6

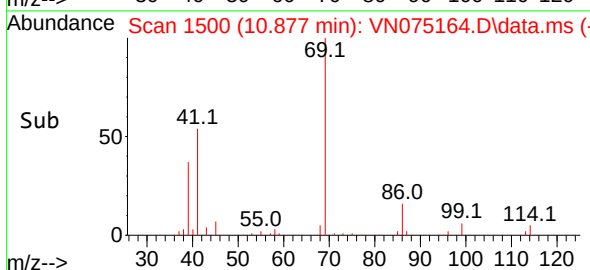
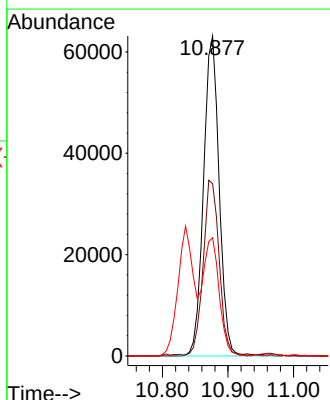
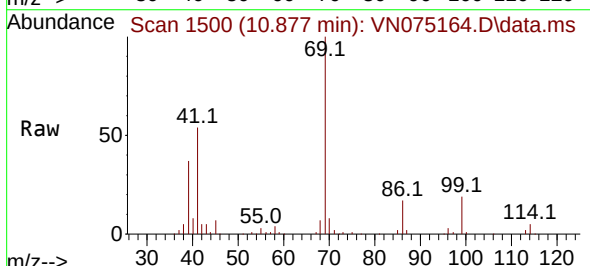
Manual Integrations
APPROVED

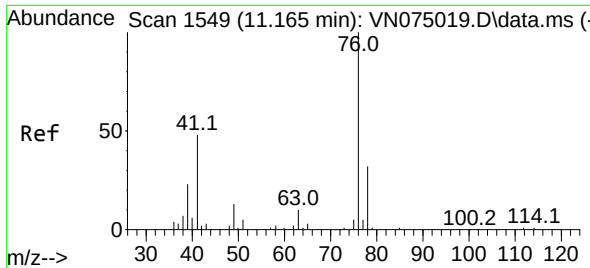
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#56
Ethyl methacrylate
Concen: 50.050 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

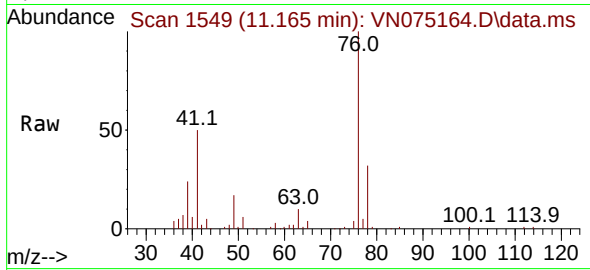
Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.0	45.6	68.4
39	38.5	28.5	42.7





#57
1,3-Dichloropropane
Concen: 51.010 ug/l
RT: 11.165 min Scan# 11684
Delta R.T. -0.000 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

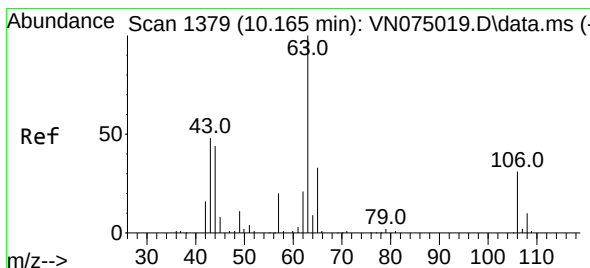
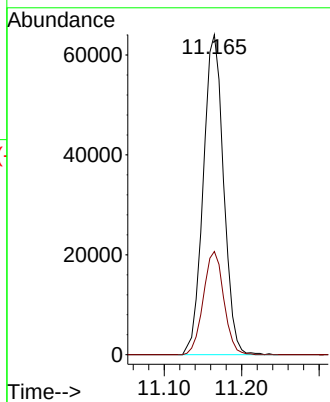
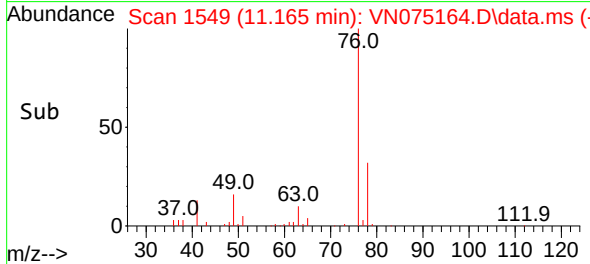
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 11684
Ion Ratio Lower Upper
76 100
78 32.5 25.8 38.6

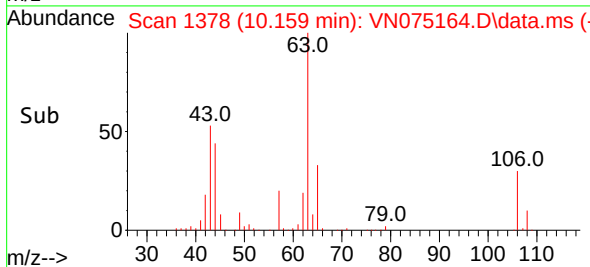
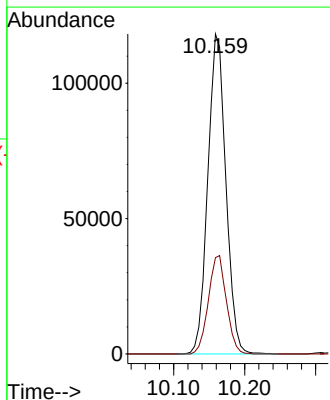
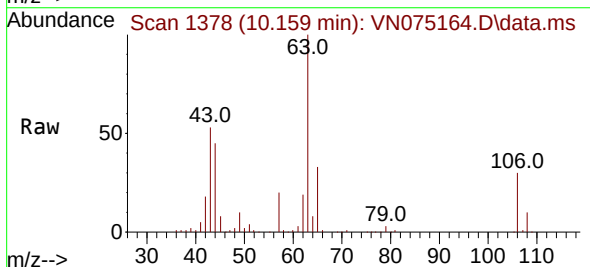
Manual Integrations
APPROVED

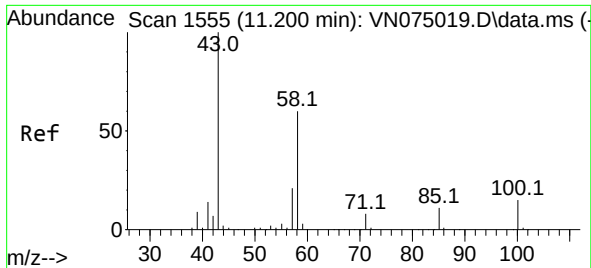
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#58
2-Chloroethyl Vinyl ether
Concen: 257.221 ug/l
RT: 10.159 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

Tgt Ion: 63 Resp: 208642
Ion Ratio Lower Upper
63 100
106 30.6 24.8 37.2





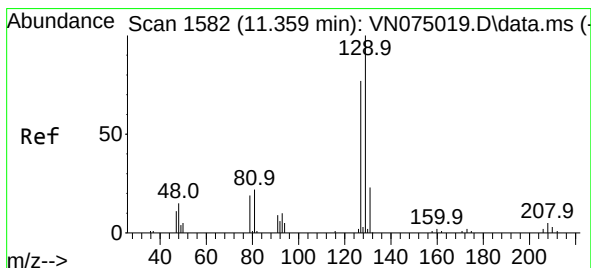
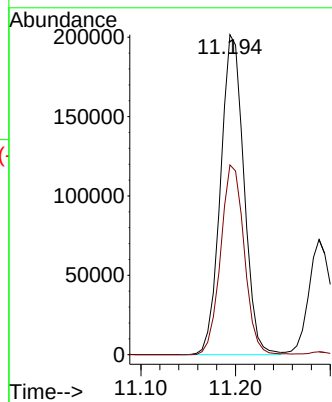
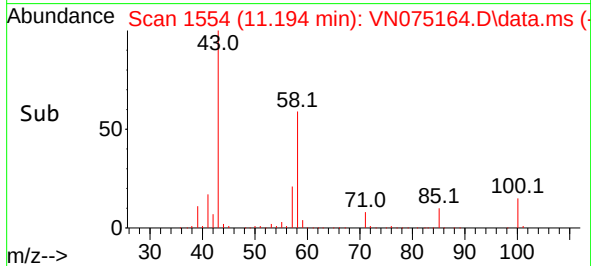
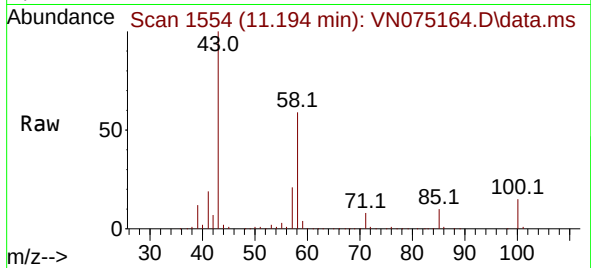
#59
2-Hexanone
Concen: 244.893 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 34580
Ion Ratio Lower Upper
43 100
58 59.9 29.6 88.8

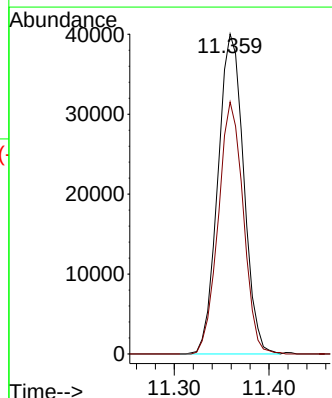
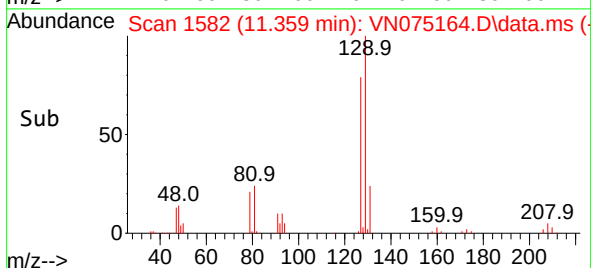
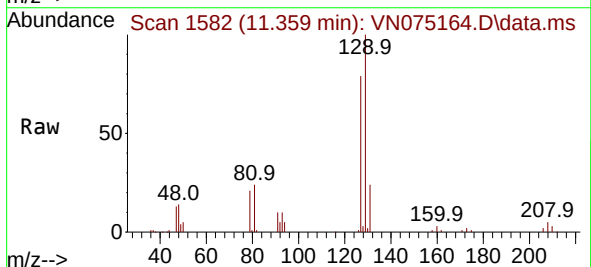
Manual Integrations
APPROVED

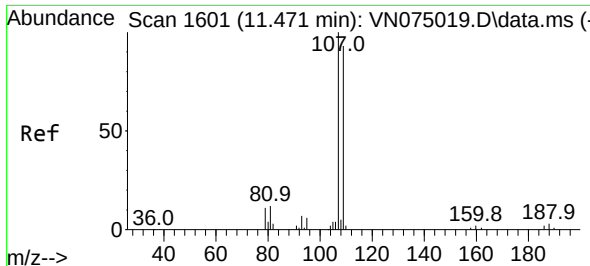
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#60
Dibromochloromethane
Concen: 52.179 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

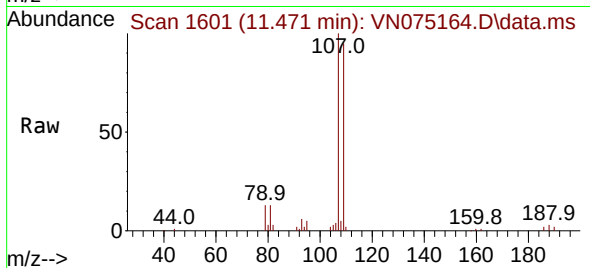
Tgt Ion:129 Resp: 75722
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.8





#61
1,2-Dibromoethane
Concen: 50.958 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

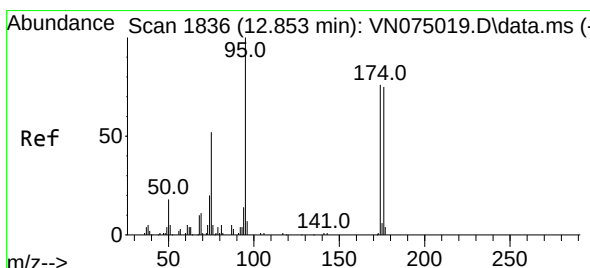
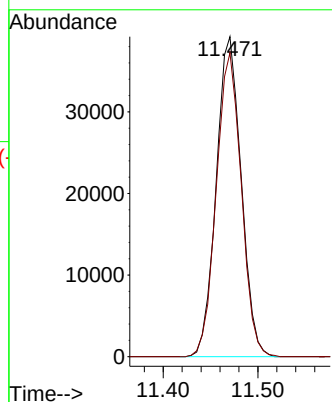
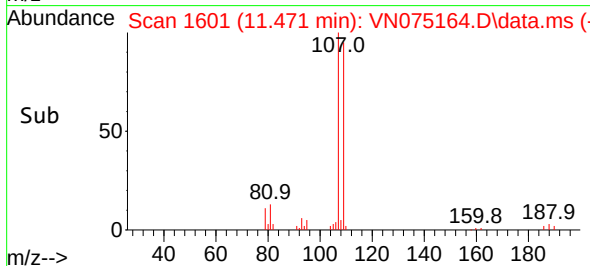
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



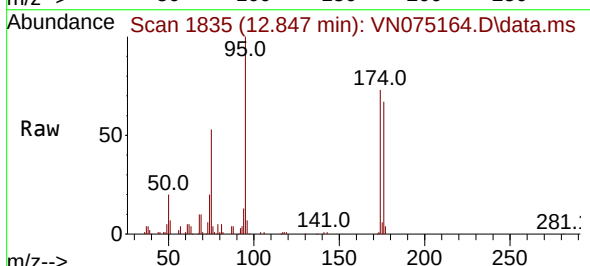
Tgt Ion:107 Resp: 71832
Ion Ratio Lower Upper
107 100
109 95.0 75.6 113.4

Manual Integrations
APPROVED

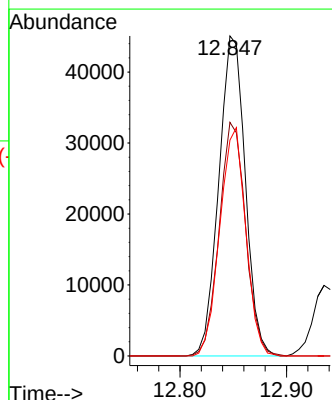
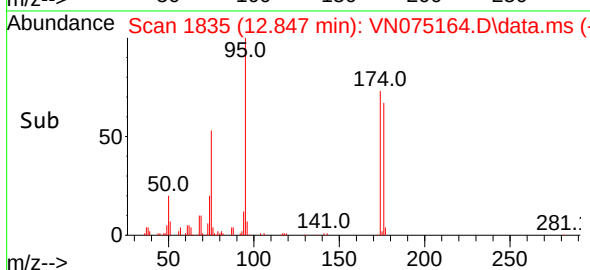
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

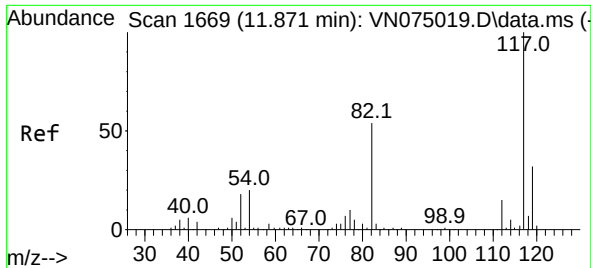


#62
4-Bromofluorobenzene
Concen: 52.096 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53



Tgt Ion: 95 Resp: 77729
Ion Ratio Lower Upper
95 100
174 72.9 0.0 147.4
176 70.0 0.0 142.2





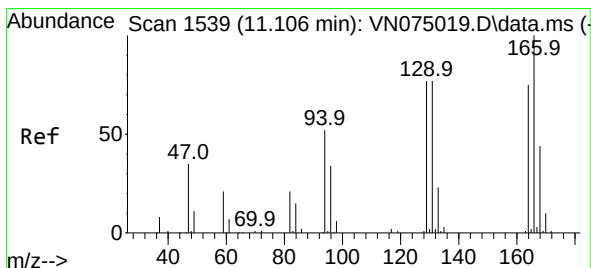
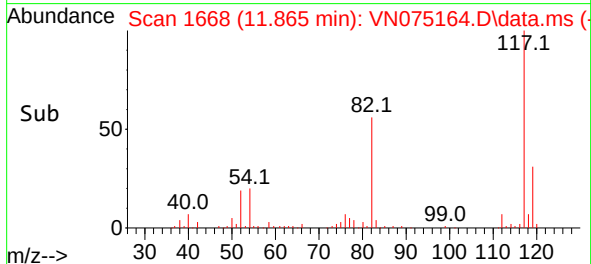
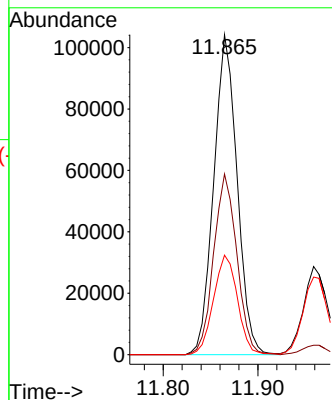
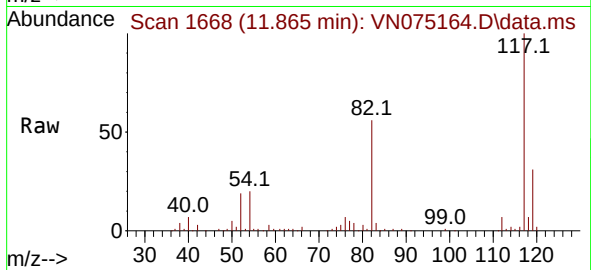
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 17860
Ion Ratio Lower Upper
117 100
82 56.5 43.1 64.7
119 31.1 25.5 38.3

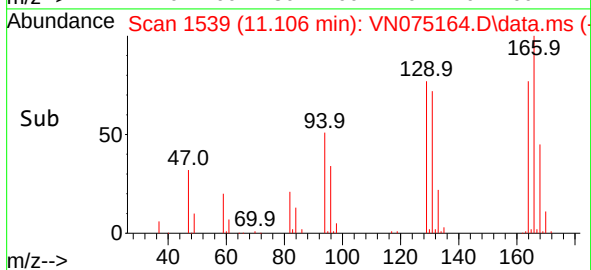
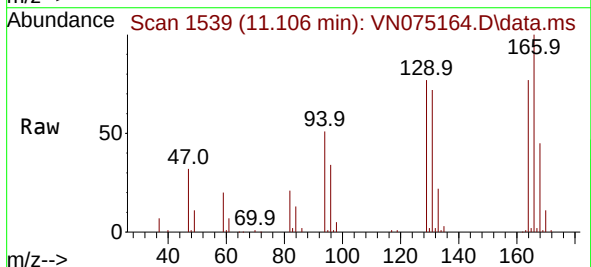
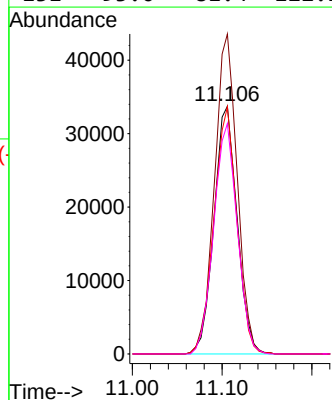
Manual Integrations
APPROVED

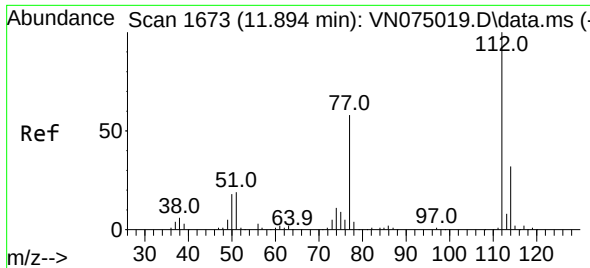
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#64
Tetrachloroethene
Concen: 55.117 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

Tgt Ion:164 Resp: 60352
Ion Ratio Lower Upper
164 100
166 129.2 106.5 159.7
129 99.8 81.9 122.9
131 93.0 81.4 122.2





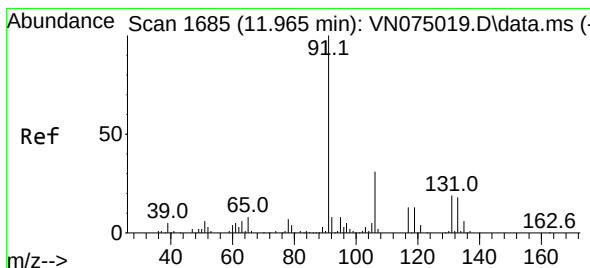
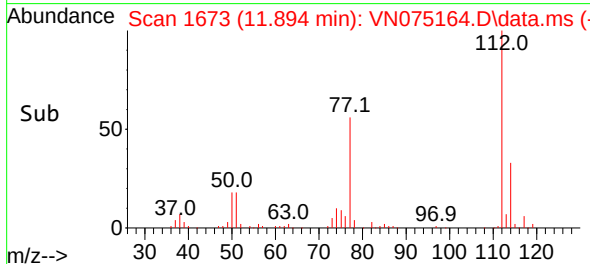
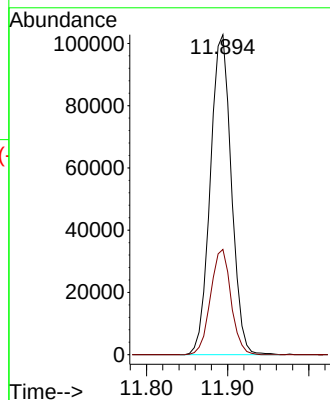
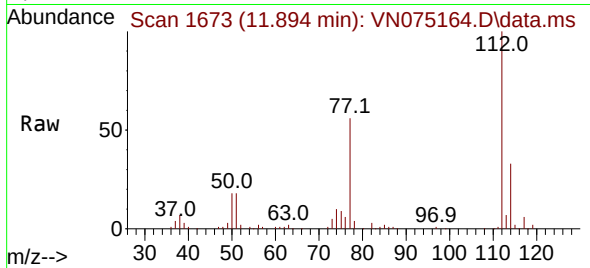
#65
Chlorobenzene
Concen: 48.483 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 18483
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.2

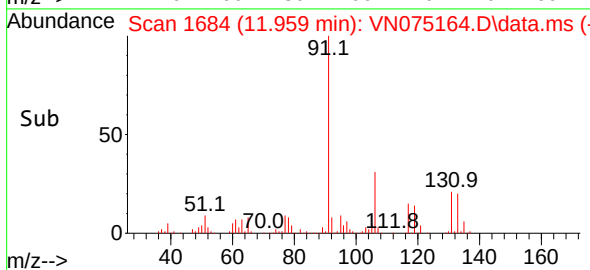
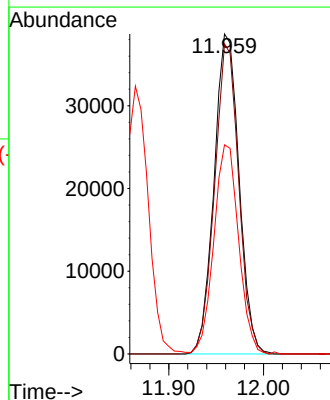
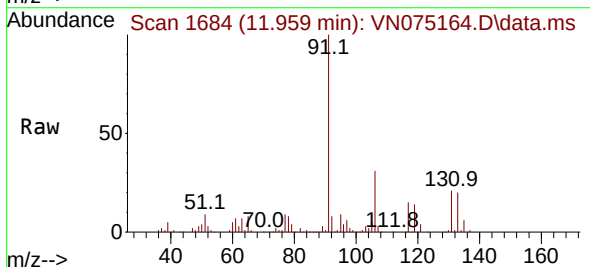
Manual Integrations
APPROVED

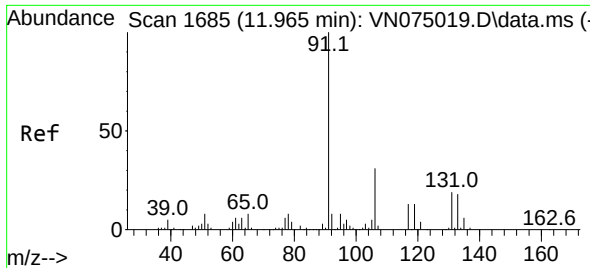
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 50.073 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

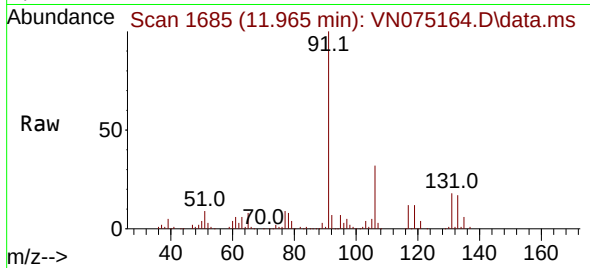
Tgt Ion:131 Resp: 70813
Ion Ratio Lower Upper
131 100
133 93.8 47.8 143.4
119 65.0 33.0 99.0





#67
Ethyl Benzene
Concen: 50.363 ug/l
RT: 11.965 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

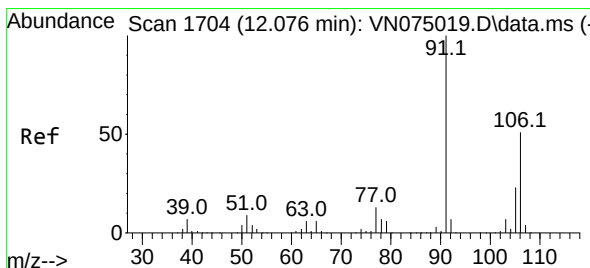
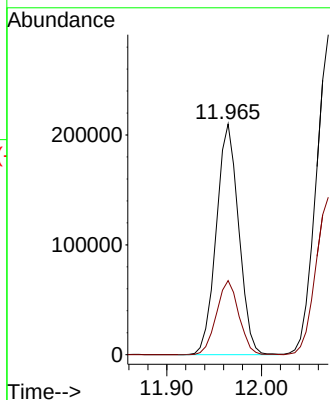
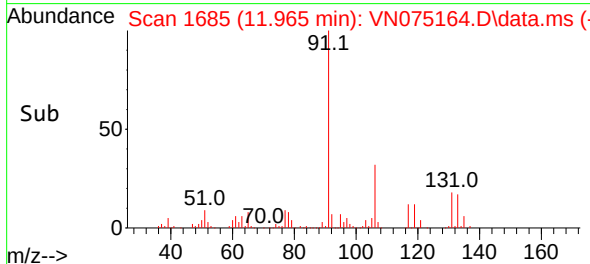
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



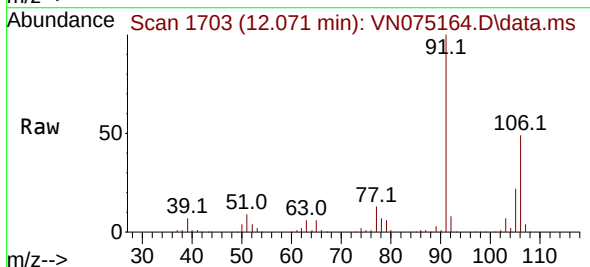
Tgt Ion: 91 Resp: 345432
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3

Manual Integrations
APPROVED

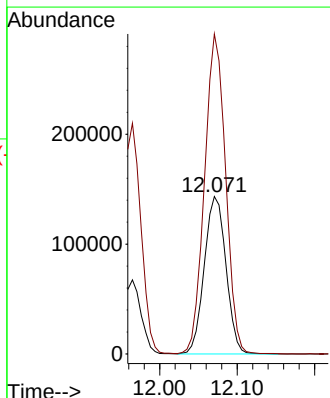
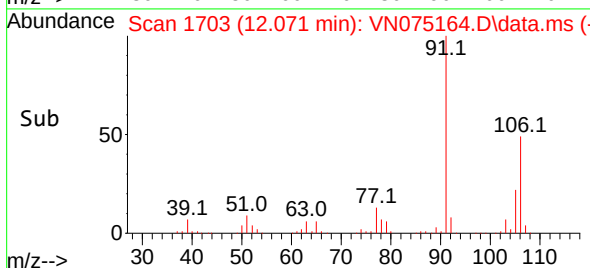
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

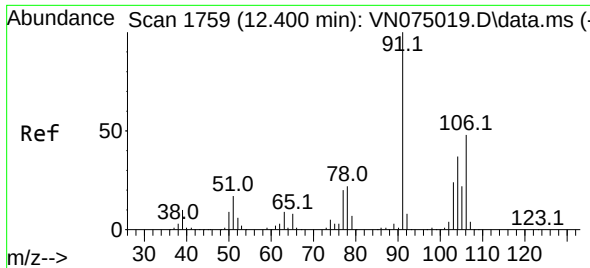


#68
m/p-Xylenes
Concen: 101.262 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.005 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53



Tgt Ion:106 Resp: 278684
Ion Ratio Lower Upper
106 100
91 197.9 156.0 234.0





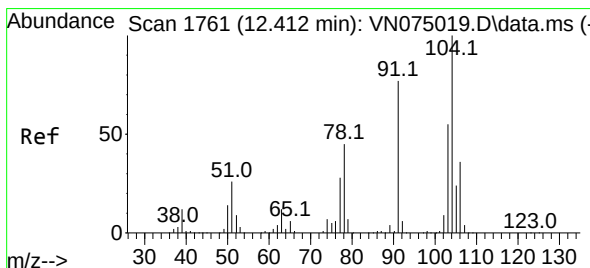
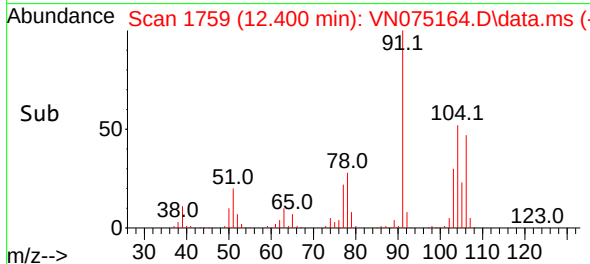
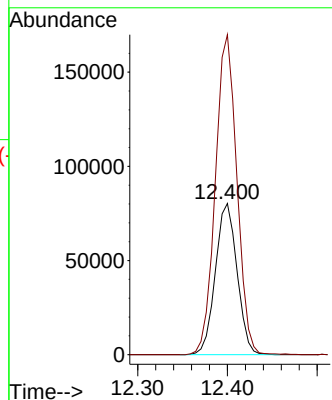
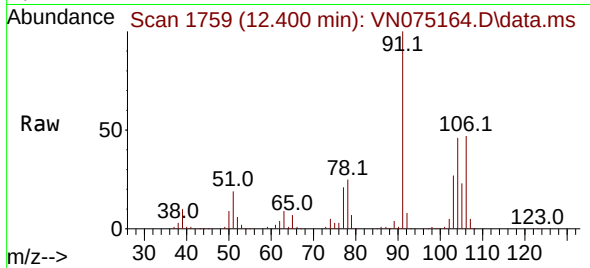
#69
o-Xylene
Concen: 49.475 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 13465
Ion Ratio Lower Upper
106 100
91 210.2 105.2 315.5

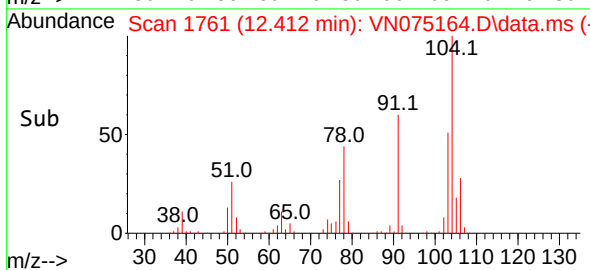
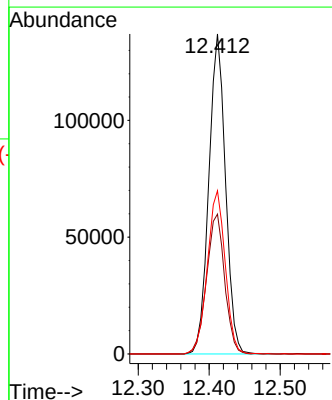
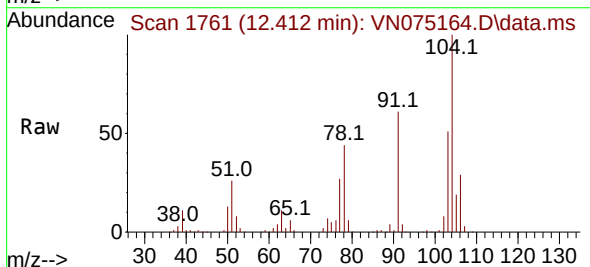
Manual Integrations
APPROVED

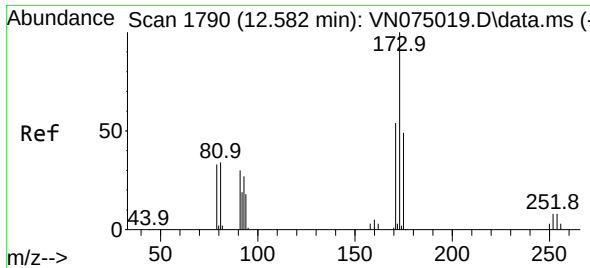
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#70
Styrene
Concen: 51.498 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

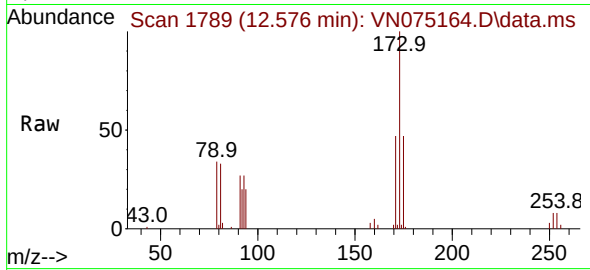
Tgt Ion:104 Resp: 223487
Ion Ratio Lower Upper
104 100
78 47.5 38.1 57.1
103 54.8 44.6 66.8





#71
Bromoform
Concen: 48.438 ug/l
RT: 12.576 min Scan# 173
Delta R.T. -0.006 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

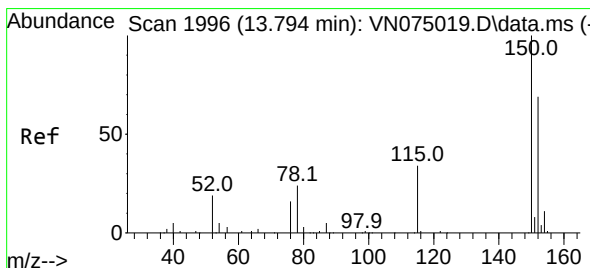
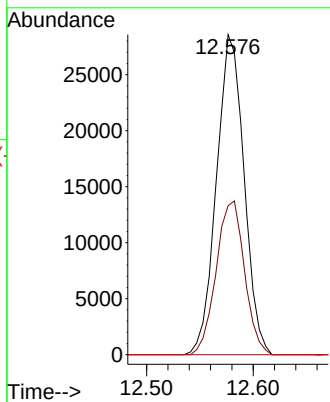
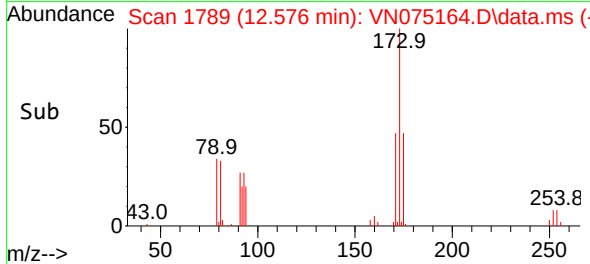
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



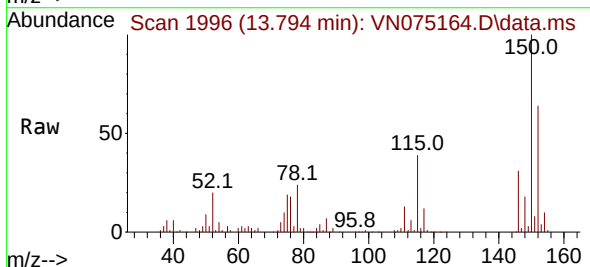
Tgt Ion:173 Resp: 5128
Ion Ratio Lower Upper
173 100
175 49.4 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

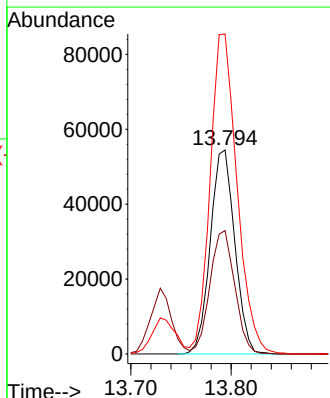
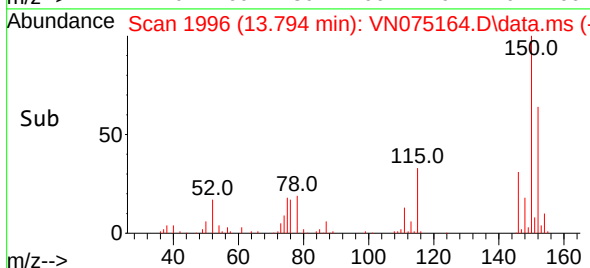
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

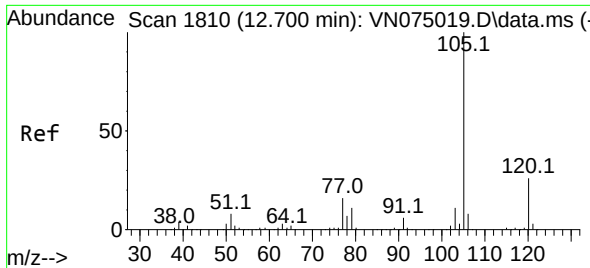


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53



Tgt Ion:152 Resp: 92262
Ion Ratio Lower Upper
152 100
115 61.5 30.2 90.6
150 172.4 0.0 348.4





#73
Isopropylbenzene
Concen: 47.807 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

Instrument :

MSVOA_N

ClientSampleId :

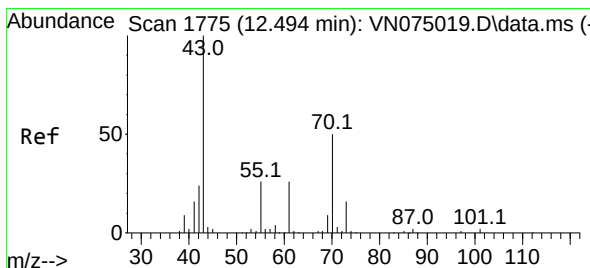
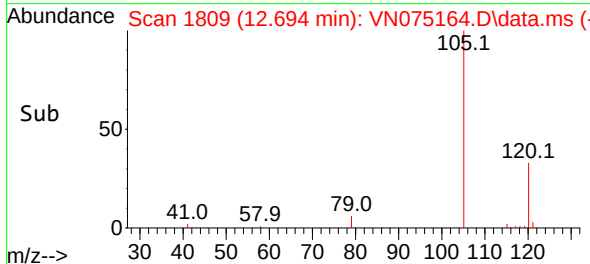
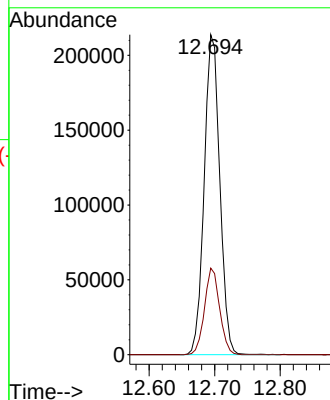
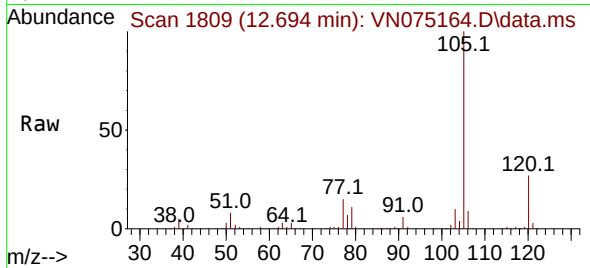
VSTDCCC050

Tgt Ion:105 Resp: 35410
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1

Manual Integrations

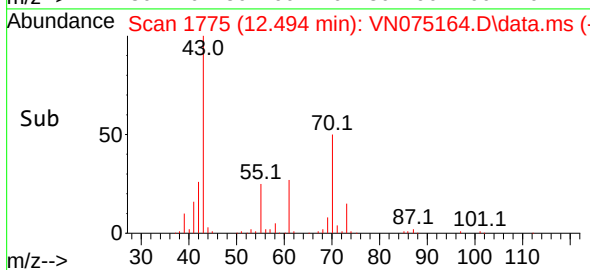
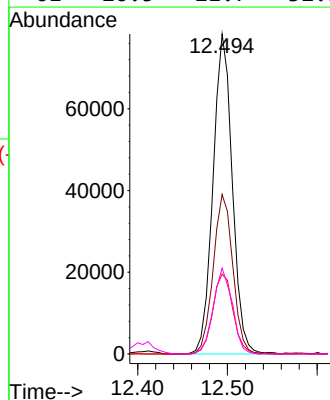
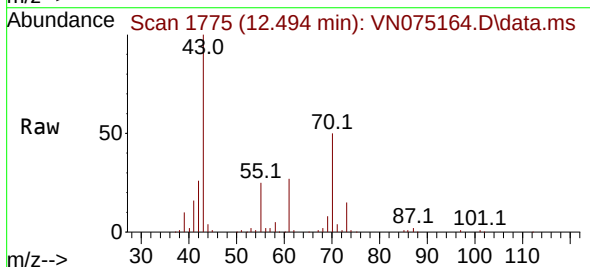
APPROVED

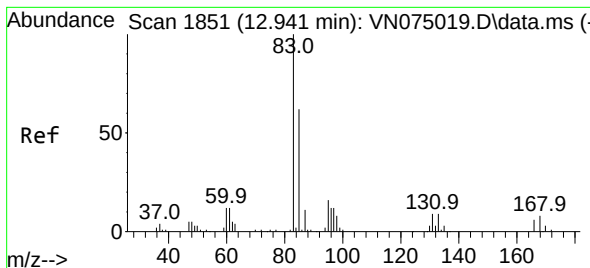
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#74
N-ethyl acetate
Concen: 42.656 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

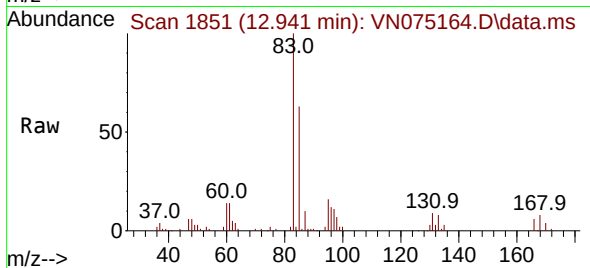
Tgt Ion: 43 Resp: 116856
Ion Ratio Lower Upper
43 100
70 50.7 39.8 59.8
55 26.4 19.9 29.9
61 26.5 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 50.013 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

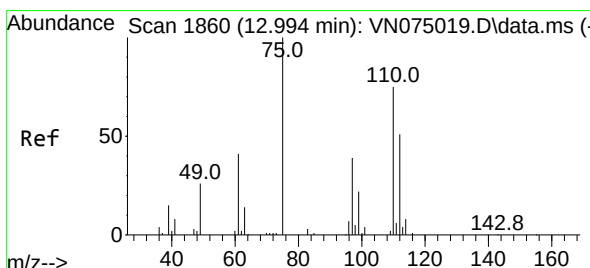
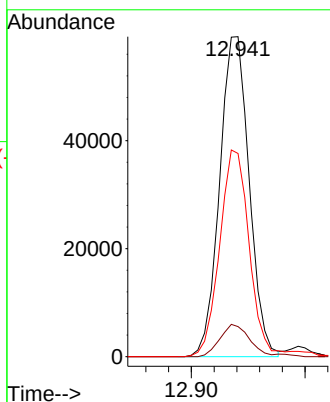
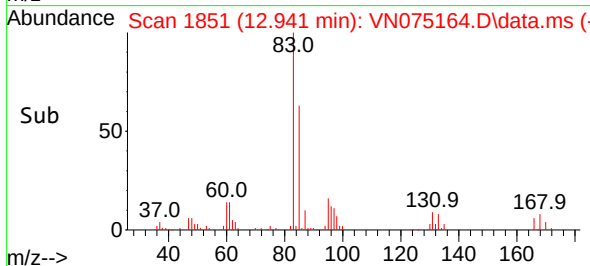
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 107060
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 66.2 31.6 94.7

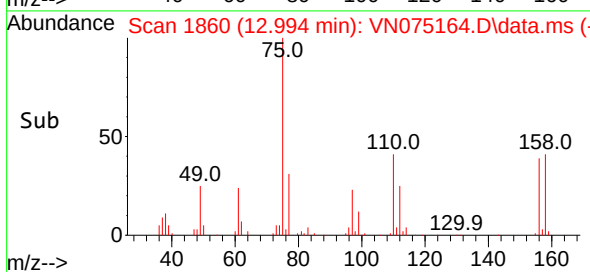
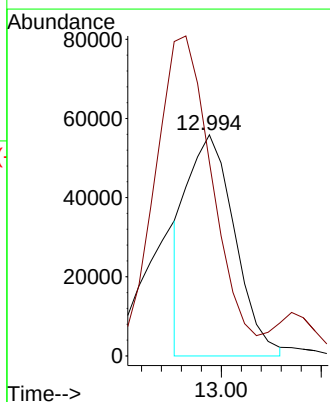
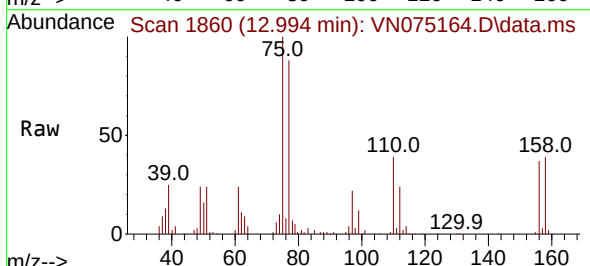
Manual Integrations
APPROVED

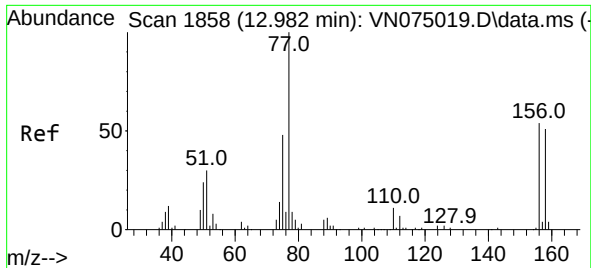
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#76
1,2,3-Trichloropropane
Concen: 47.467 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

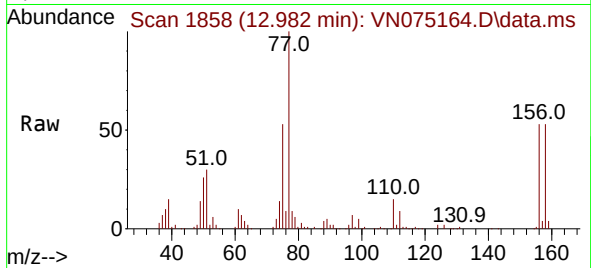
Tgt Ion: 75 Resp: 92987
Ion Ratio Lower Upper
75 100
77 175.5 75.6 226.8





#77
Bromobenzene
Concen: 47.367 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

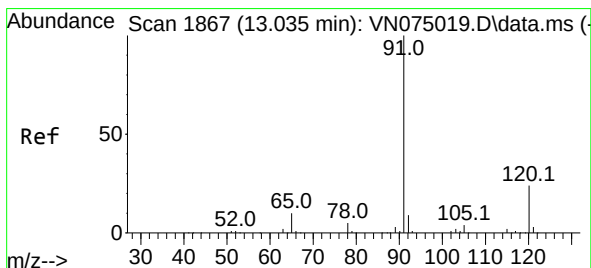
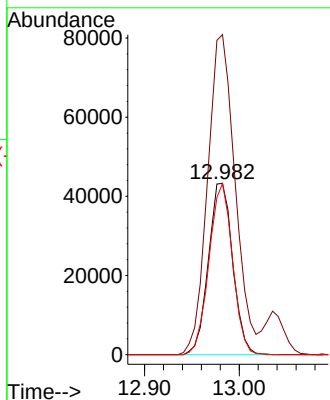
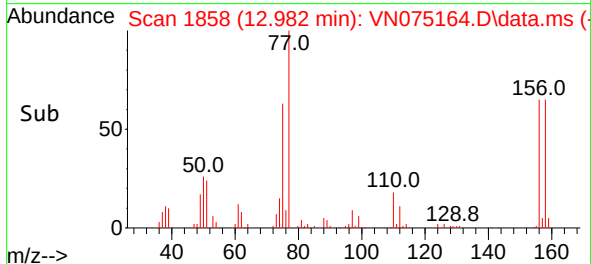
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



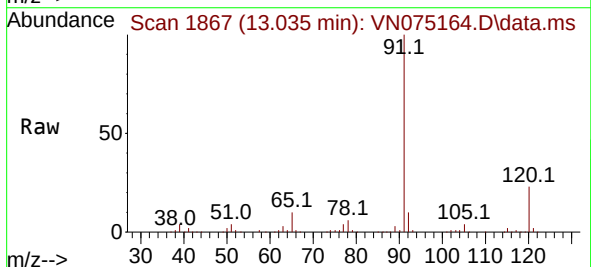
Tgt Ion:156 Resp: 7725
Ion Ratio Lower Upper
156 100
77 211.3 108.5 325.5
158 96.4 47.7 143.1

Manual Integrations
APPROVED

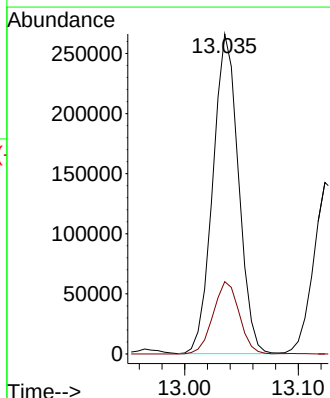
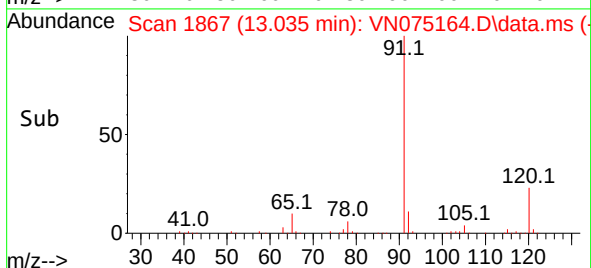
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

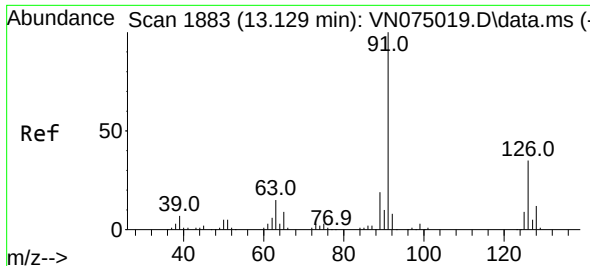


#78
n-propylbenzene
Concen: 50.176 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53



Tgt Ion: 91 Resp: 417261
Ion Ratio Lower Upper
91 100
120 23.0 11.9 35.5





#79

2-Chlorotoluene

Concen: 47.688 ug/l

RT: 13.123 min Scan# 1882

Delta R.T. -0.006 min

Lab File: VN075164.D

Acq: 04 Nov 2022 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 242334

Ion Ratio Lower Upper

91 100

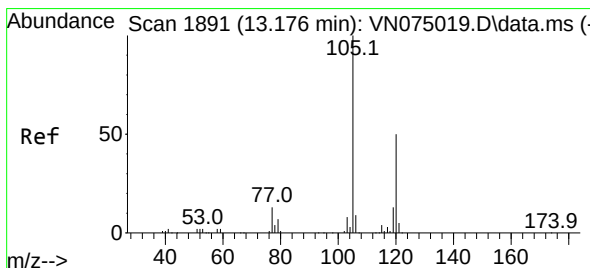
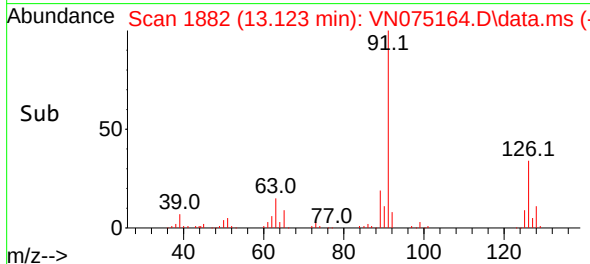
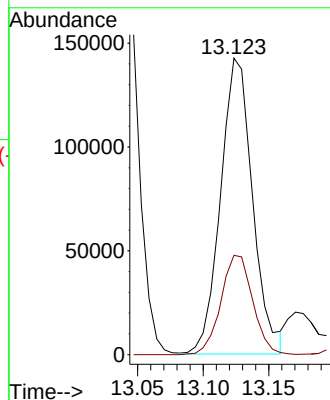
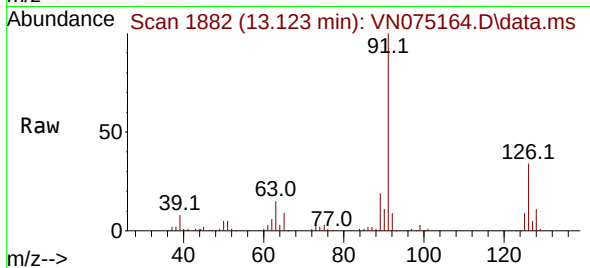
126 33.3 16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#80

1,3,5-Trimethylbenzene

Concen: 48.864 ug/l

RT: 13.170 min Scan# 1890

Delta R.T. -0.006 min

Lab File: VN075164.D

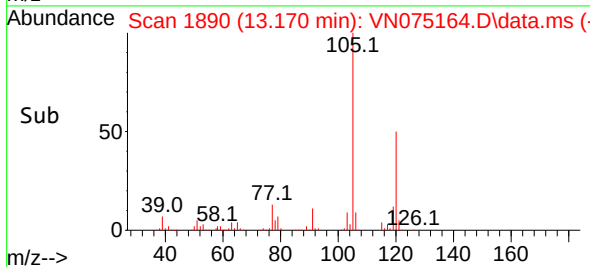
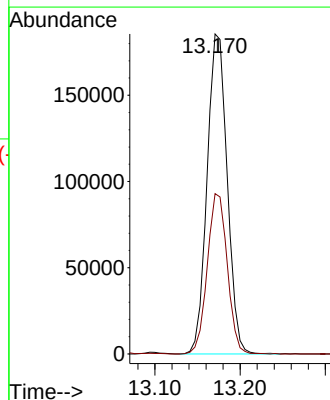
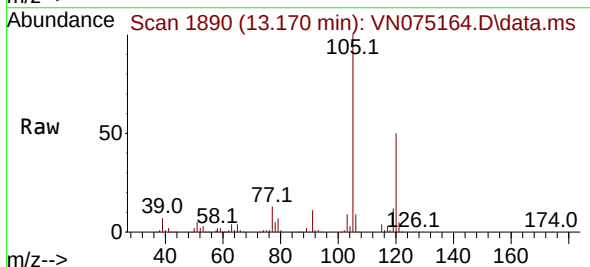
Acq: 04 Nov 2022 09:53

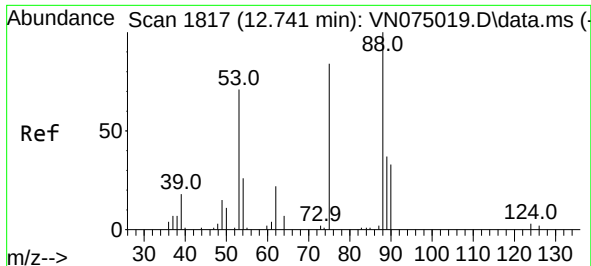
Tgt Ion:105 Resp: 303995

Ion Ratio Lower Upper

105 100

120 49.8 24.7 74.1





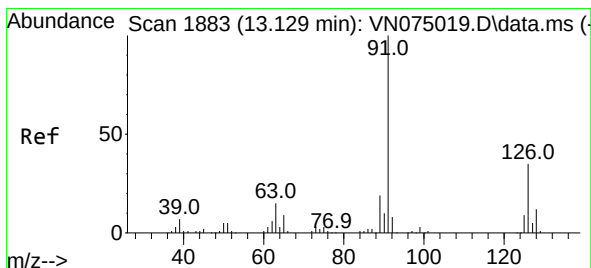
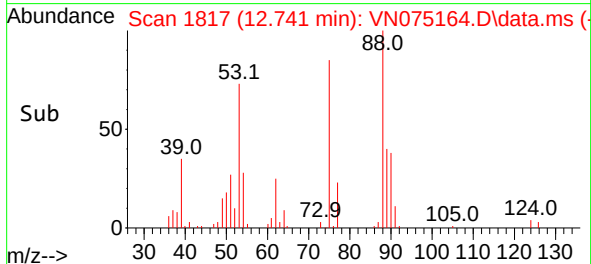
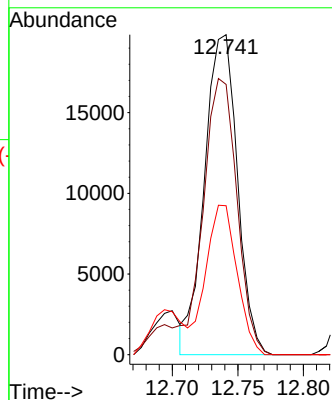
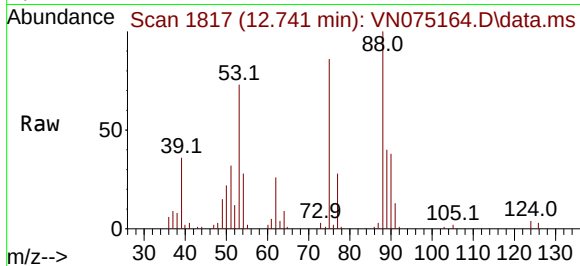
#81
trans-1,4-Dichloro-2-butene
Concen: 45.485 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 3471
Ion Ratio Lower Upper
75 100
53 89.2 78.5 117.7
89 44.3 37.7 56.5

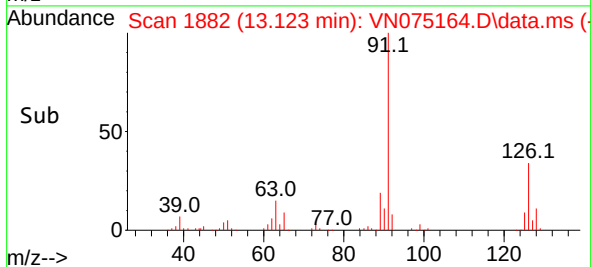
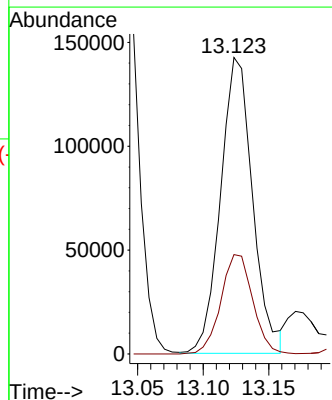
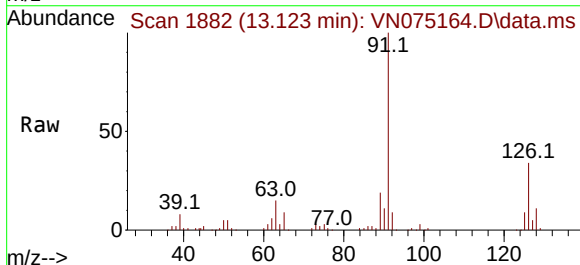
Manual Integrations
APPROVED

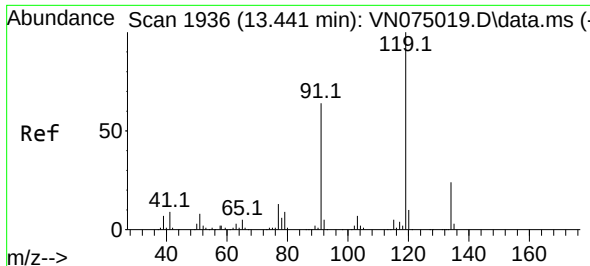
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#82
4-Chlorotoluene
Concen: 47.688 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

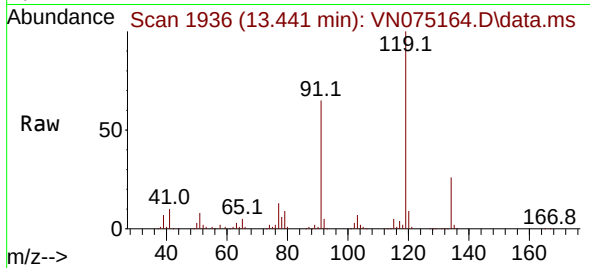
Tgt Ion: 91 Resp: 242334
Ion Ratio Lower Upper
91 100
126 33.3 16.9 50.7





#83
tert-Butylbenzene
Concen: 47.541 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

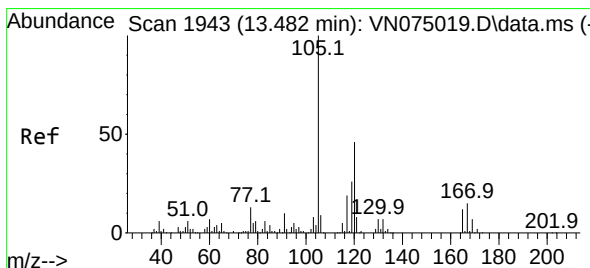
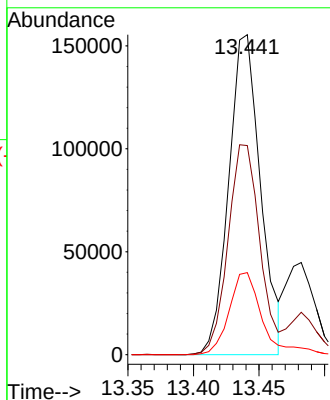
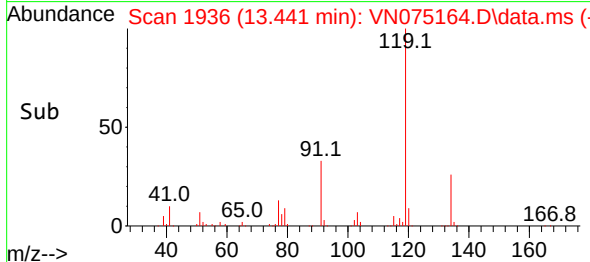
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



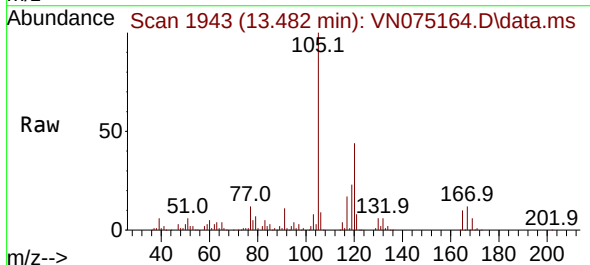
Tgt Ion:119 Resp: 262800
Ion Ratio Lower Upper
119 100
91 65.4 32.8 98.4
134 26.7 12.3 36.9

Manual Integrations
APPROVED

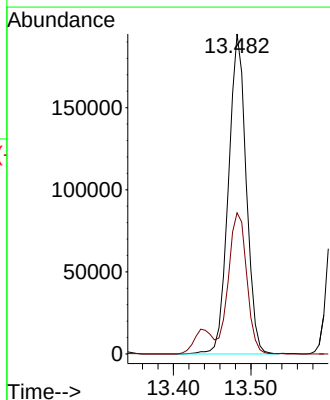
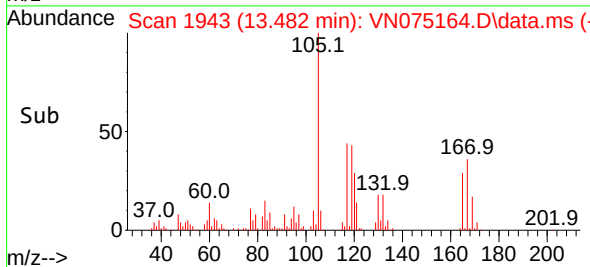
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

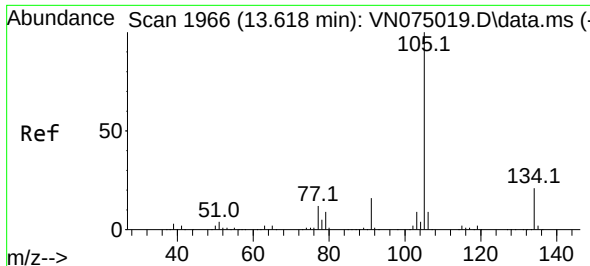


#84
1,2,4-Trimethylbenzene
Concen: 49.355 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53



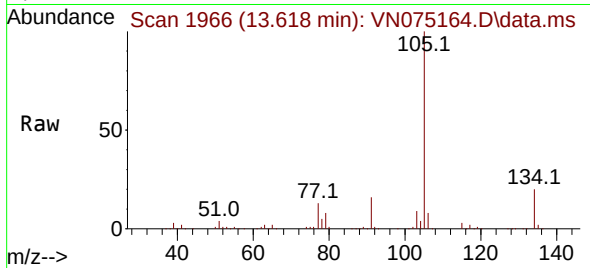
Tgt Ion:105 Resp: 310667
Ion Ratio Lower Upper
105 100
120 45.7 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 49.842 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075164.D
 Acq: 04 Nov 2022 09:53

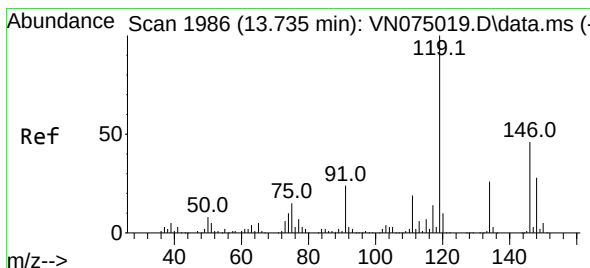
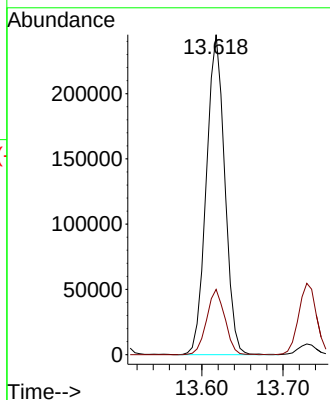
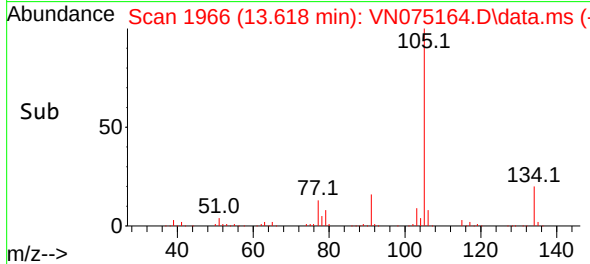
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



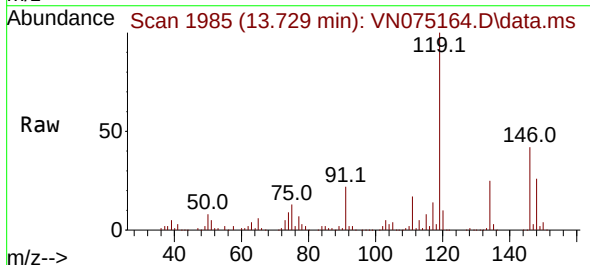
Tgt Ion:105 Resp: 385434
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.6

Manual Integrations
 APPROVED

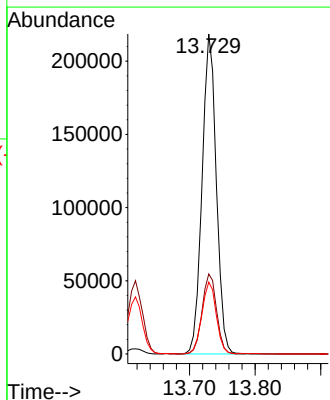
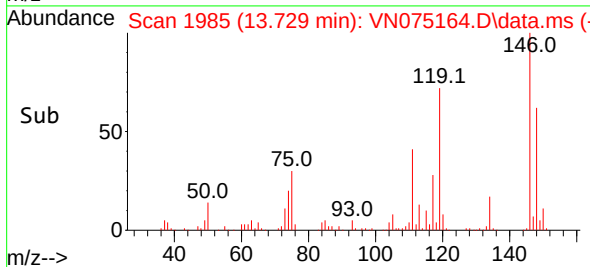
Reviewed By :John Carlone 11/07/2022
 Supervised By :Mahesh Dadoda 11/07/2022

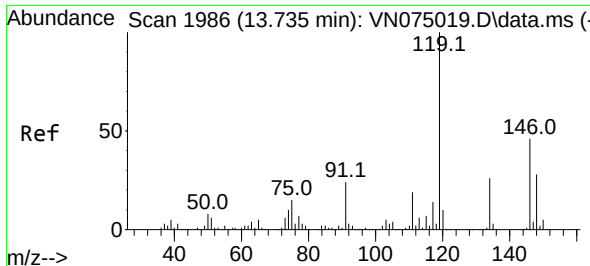


#86
 p-Isopropyltoluene
 Concen: 51.739 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075164.D
 Acq: 04 Nov 2022 09:53



Tgt Ion:119 Resp: 330438
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.1 39.3
 91 22.8 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 48.801 ug/l

RT: 13.729 min Scan# 1985

Delta R.T. -0.006 min

Lab File: VN075164.D

Acq: 04 Nov 2022 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 15583

Ion Ratio Lower Upper

146 100

111 41.9 20.8 62.5

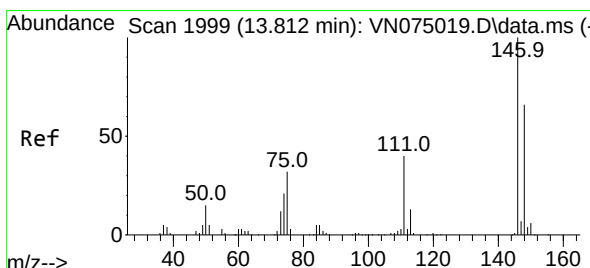
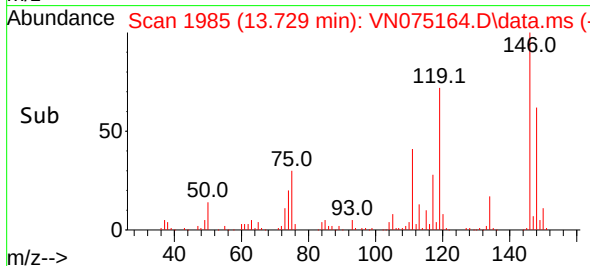
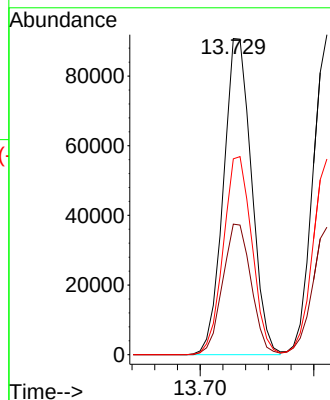
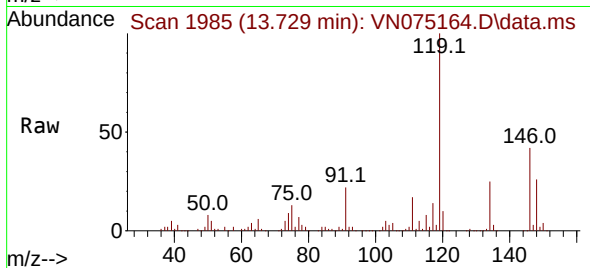
148 63.7 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#88

1,4-Dichlorobenzene

Concen: 49.455 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN075164.D

Acq: 04 Nov 2022 09:53

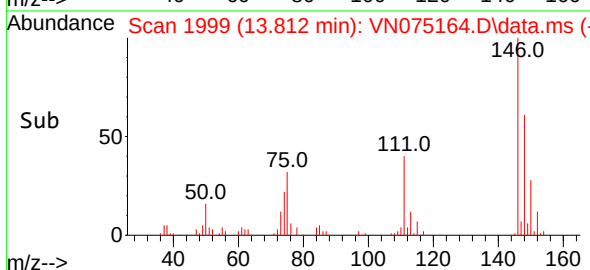
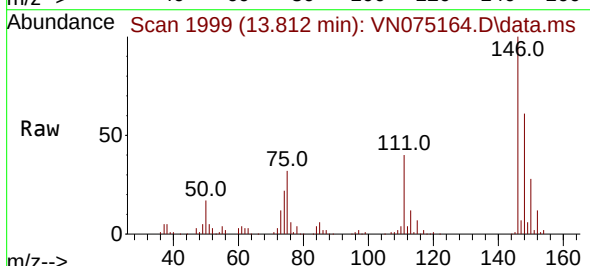
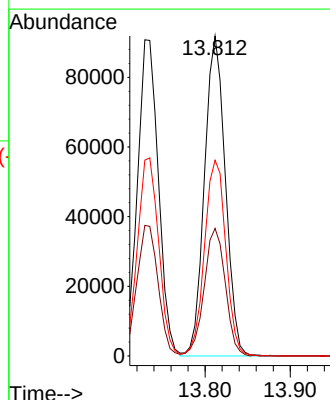
Tgt Ion:146 Resp: 156291

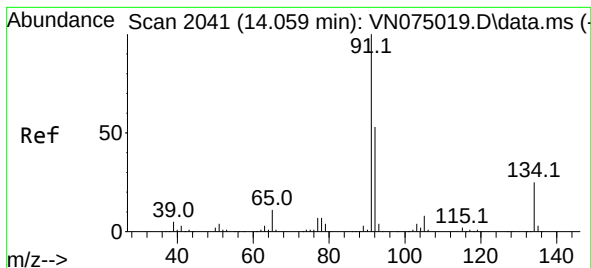
Ion Ratio Lower Upper

146 100

111 40.5 20.1 60.3

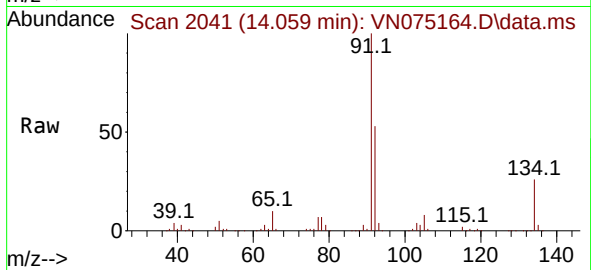
148 62.6 31.9 95.7





#89
n-Butylbenzene
Concen: 53.218 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

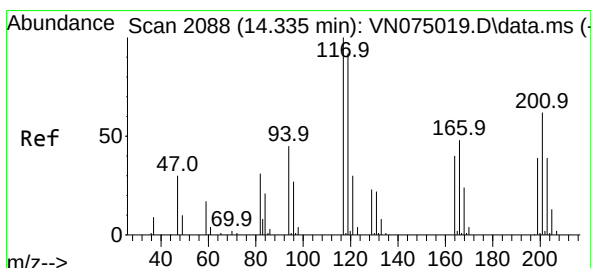
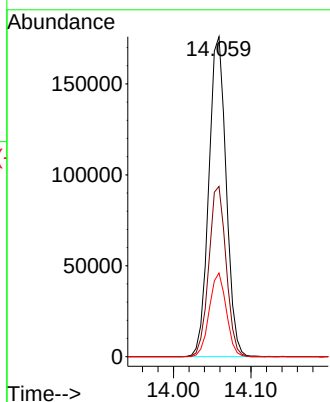
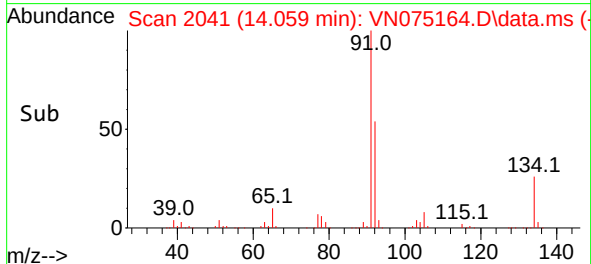
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 27369
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.4
134 25.6 13.0 39.0

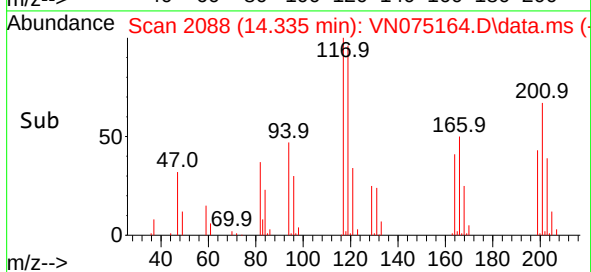
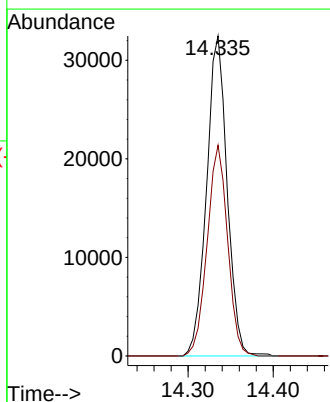
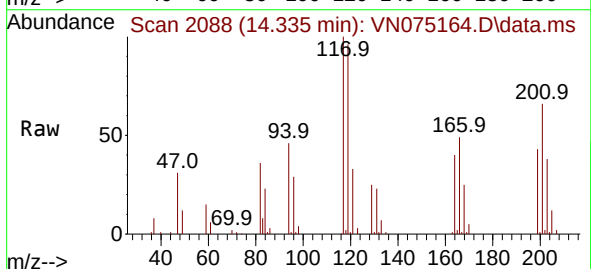
Manual Integrations
APPROVED

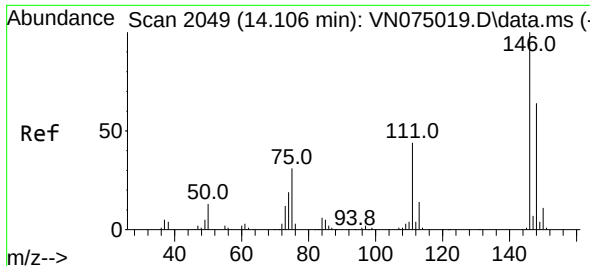
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#90
Hexachloroethane
Concen: 46.675 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

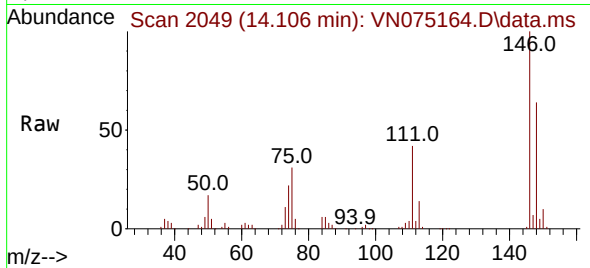
Tgt Ion:117 Resp: 54655
Ion Ratio Lower Upper
117 100
201 65.3 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 48.371 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

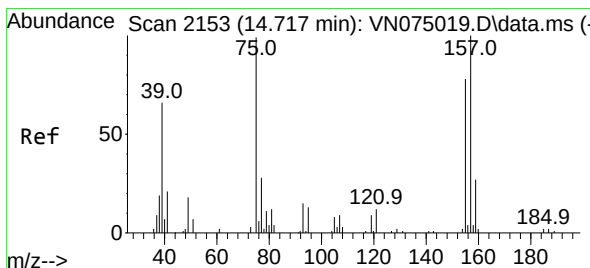
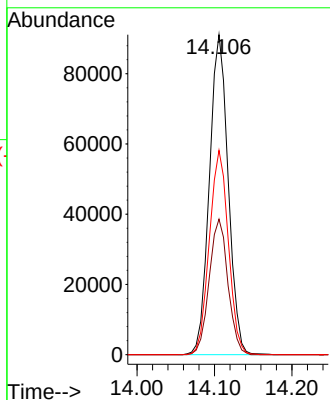
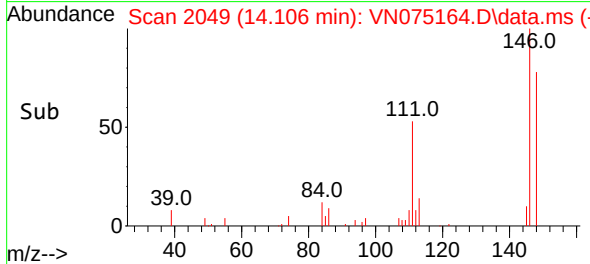
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



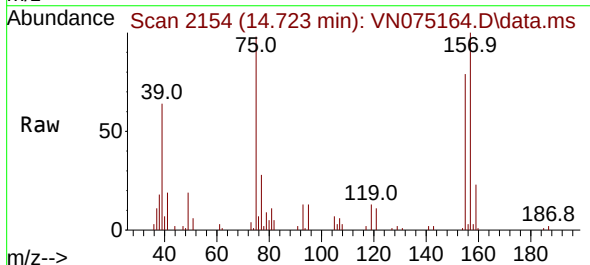
Tgt Ion:146 Resp: 153559
Ion Ratio Lower Upper
146 100
111 42.3 21.3 63.9
148 64.5 31.4 94.2

Manual Integrations
APPROVED

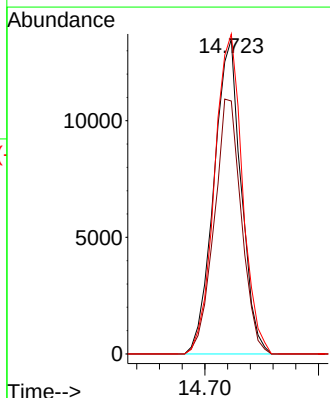
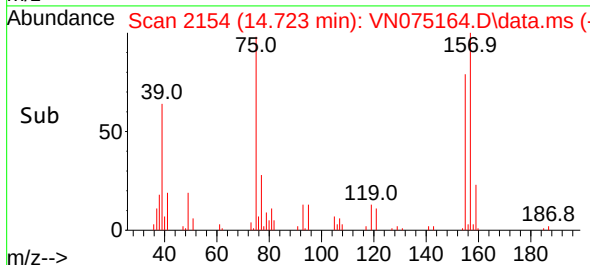
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

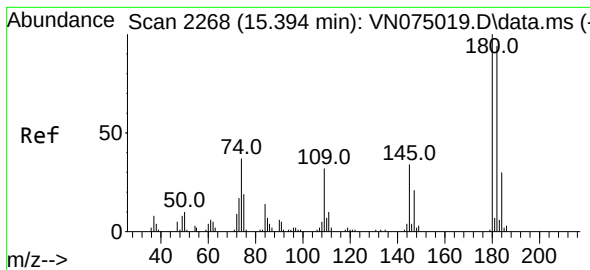


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.918 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53



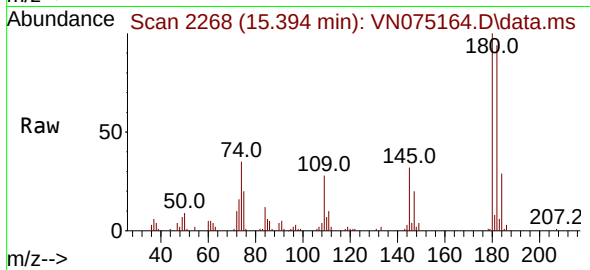
Tgt Ion: 75 Resp: 22442
Ion Ratio Lower Upper
75 100
155 80.8 42.1 126.3
157 104.0 51.7 155.1





#93
1,2,4-Trichlorobenzene
Concen: 54.136 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

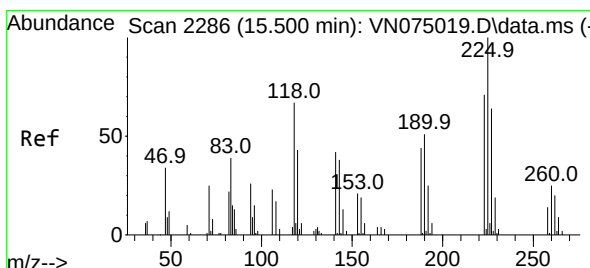
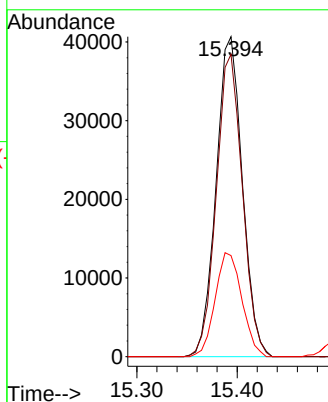
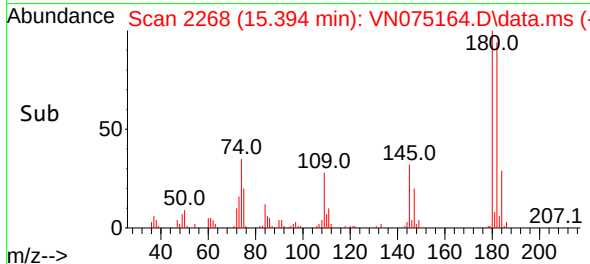
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



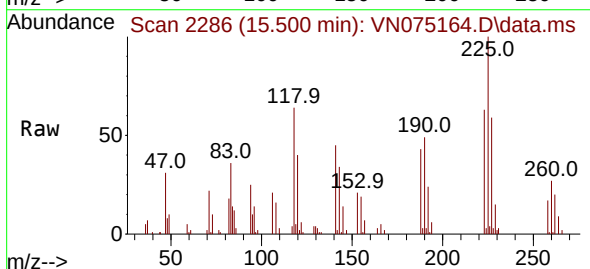
Tgt Ion:180 Resp: 7395
Ion Ratio Lower Upper
180 100
182 93.7 47.8 143.4
145 33.0 16.8 50.3

Manual Integrations
APPROVED

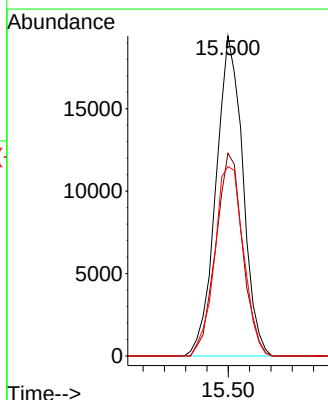
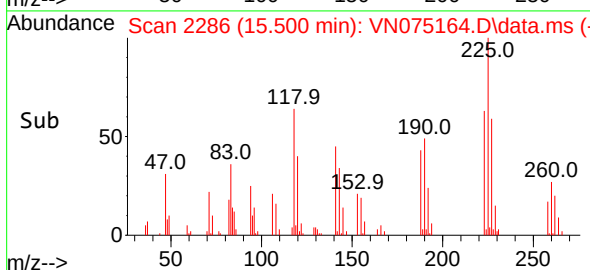
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

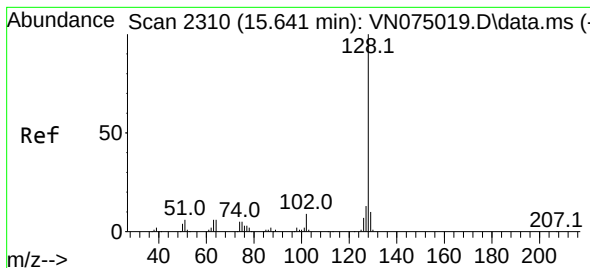


#94
Hexachlorobutadiene
Concen: 51.003 ug/l
RT: 15.500 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53



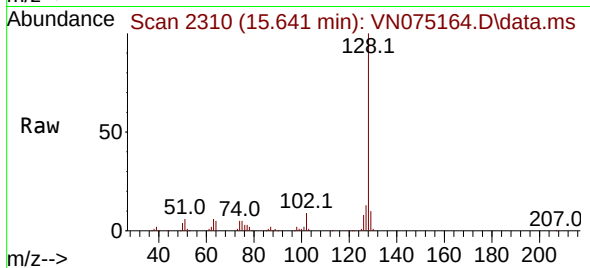
Tgt Ion:225 Resp: 33966
Ion Ratio Lower Upper
225 100
223 63.6 32.3 96.9
227 63.6 32.0 96.2





#95
Naphthalene
Concen: 48.706 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53

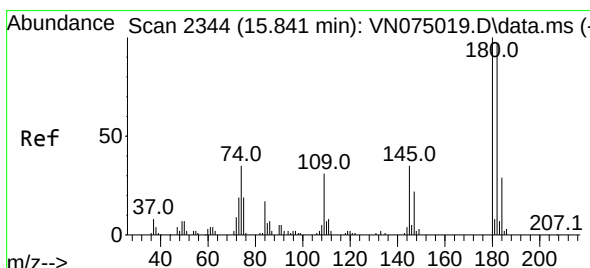
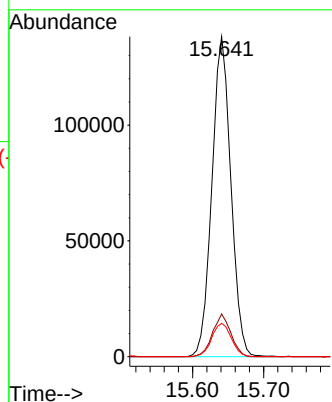
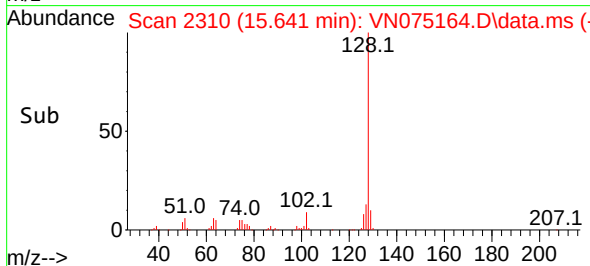
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



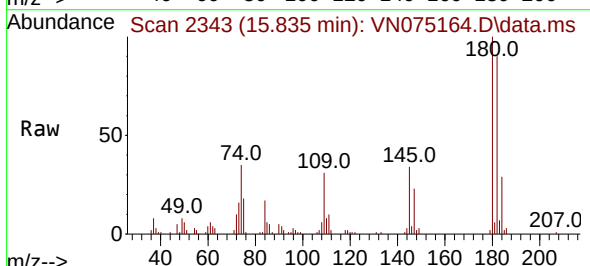
Tgt Ion:128 Resp: 255870
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#96
1,2,3-Trichlorobenzene
Concen: 52.361 ug/l
RT: 15.835 min Scan# 2343
Delta R.T. -0.006 min
Lab File: VN075164.D
Acq: 04 Nov 2022 09:53



Tgt Ion:180 Resp: 71072
Ion Ratio Lower Upper
180 100
182 94.6 47.3 141.8
145 35.2 17.6 52.9

