

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111122\
 Data File : VN075238.D
 Acq On : 11 Nov 2022 10:45
 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 11/14/2022
 Supervised By : Mahesh Dadoda 11/14/2022

Quant Time: Nov 14 03:42:28 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	124441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	215958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	199470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	112564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	74003	44.136	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.280%		
35) Dibromofluoromethane	8.171	113	67018	52.862	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.720%		
50) Toluene-d8	10.571	98	242602	49.323	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.640%		
62) 4-Bromofluorobenzene	12.847	95	91566	52.995	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	73288	45.272	ug/l	100
3) Chloromethane	2.371	50	70717	41.127	ug/l	95
4) Vinyl Chloride	2.518	62	99274	40.470	ug/l	94
5) Bromomethane	2.918	94	99575	57.430	ug/l	98
6) Chloroethane	3.101	64	72038	40.954	ug/l	95
7) Trichlorofluoromethane	3.489	101	121231	48.379	ug/l	96
8) Diethyl Ether	3.971	74	43987	48.126	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	69809	50.445	ug/l	97
10) Methyl Iodide	4.589	142	106367	51.629	ug/l	98
11) Tert butyl alcohol	5.548	59	83489	213.520	ug/l	99
12) 1,1-Dichloroethene	4.348	96	65423	49.597	ug/l	94
13) Acrolein	4.189	56	76314	238.611	ug/l	100
14) Allyl chloride	5.030	41	92770	48.153	ug/l	96
15) Acrylonitrile	5.730	53	200775	243.074	ug/l	99
16) Acetone	4.436	43	196018	276.099	ug/l	97
17) Carbon Disulfide	4.712	76	162074	48.859	ug/l	99
18) Methyl Acetate	5.036	43	110891	47.818	ug/l	95
19) Methyl tert-butyl Ether	5.806	73	239553	48.861	ug/l	98
20) Methylene Chloride	5.283	84	78298	49.463	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	74347	51.476	ug/l	93
22) Diisopropyl ether	6.683	45	199555	46.936	ug/l	99
23) Vinyl Acetate	6.612	43	839891m	236.568	ug/l	
24) 1,1-Dichloroethane	6.577	63	128434	47.764	ug/l	100
25) 2-Butanone	7.489	43	274865	246.143	ug/l	96
26) 2,2-Dichloropropane	7.494	77	122358	49.464	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	90266	52.335	ug/l	94
28) Bromochloromethane	7.818	49	49629	43.783	ug/l	90
29) Tetrahydrofuran	7.847	42	172324	238.811	ug/l	99
30) Chloroform	7.971	83	145457	49.823	ug/l	100
31) Cyclohexane	8.259	56	112687	45.188	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	133841	50.483	ug/l	97
36) 1,1-Dichloropropene	8.377	75	106378	54.199	ug/l	97
37) Ethyl Acetate	7.565	43	102450	47.596	ug/l	98
38) Carbon Tetrachloride	8.365	117	122027	56.519	ug/l	97
39) Methylcyclohexane	9.600	83	141800	54.725	ug/l	97
40) Benzene	8.612	78	321308	53.465	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	52727	51.128	ug/l	97
42) 1,2-Dichloroethane	8.677	62	109828	50.232	ug/l	97
43) Isopropyl Acetate	8.694	43	166170	49.769	ug/l	97
44) Trichloroethene	9.353	130	84695	56.173	ug/l	96
45) 1,2-Dichloropropane	9.624	63	77221	53.994	ug/l	99
46) Dibromomethane	9.712	93	59078	53.021	ug/l	96
47) Bromodichloromethane	9.888	83	112642	52.203	ug/l	98
48) Methyl methacrylate	9.683	41	74124	48.397	ug/l	97
49) 1,4-Dioxane	9.700	88	42563	1061.265	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	542166	251.637	ug/l	98
52) Toluene	10.630	92	220105	54.790	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	122804	53.920	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	131278	54.345	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	85706	53.805	ug/l	97
56) Ethyl methacrylate	10.877	69	129420	53.265	ug/l	96
57) 1,3-Dichloropropane	11.165	76	141346	53.284	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	238932	254.364	ug/l	97
59) 2-Hexanone	11.200	43	412508	252.262	ug/l	97
60) Dibromochloromethane	11.359	129	95415	56.776	ug/l	98
61) 1,2-Dibromoethane	11.471	107	91913	56.305	ug/l	100
64) Tetrachloroethene	11.106	164	80161	65.549	ug/l	98
65) Chlorobenzene	11.894	112	235588	55.332	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	88950	56.317	ug/l	99
67) Ethyl Benzene	11.965	91	422362	55.137	ug/l	99
68) m/p-Xylenes	12.077	106	349466	113.697	ug/l	99
69) o-Xylene	12.400	106	168589	55.463	ug/l	97
70) Styrene	12.412	104	278579	57.477	ug/l	98
71) Bromoform	12.582	173	71346	60.333	ug/l #	99
73) Isopropylbenzene	12.694	105	442076	48.919	ug/l	98
74) N-amyl acetate	12.494	43	147404	44.103	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	133068	51.027	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	131725m	55.114	ug/l	
77) Bromobenzene	12.982	156	103450	51.990	ug/l	90
78) n-propylbenzene	13.035	91	510930	50.358	ug/l	98
79) 2-Chlorotoluene	13.129	91	299860	48.365	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	391879	51.630	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	42187	45.310	ug/l	91
82) 4-Chlorotoluene	13.129	91	299860	48.365	ug/l	96
83) tert-Butylbenzene	13.441	119	342468	50.778	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	394015	51.307	ug/l	100
85) sec-Butylbenzene	13.618	105	484168	51.317	ug/l	99
86) p-Isopropyltoluene	13.729	119	423159	54.307	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	213111	54.701	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	209053	54.219	ug/l	99
89) n-Butylbenzene	14.059	91	347129	55.322	ug/l	99
90) Hexachloroethane	14.335	117	71672	50.168	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	209732	54.150	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	28172	46.217	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	104167	62.500	ug/l	99
94) Hexachlorobutadiene	15.500	225	49053	60.372	ug/l	98
95) Naphthalene	15.641	128	365819	57.076	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	101489	61.285	ug/l	99

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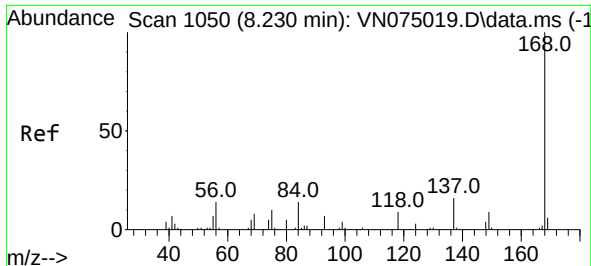
Manual Integrations
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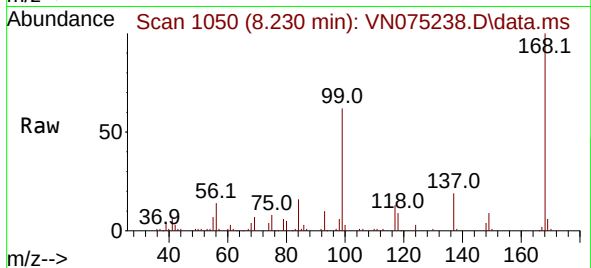
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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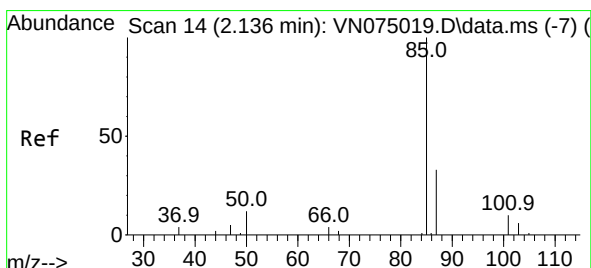
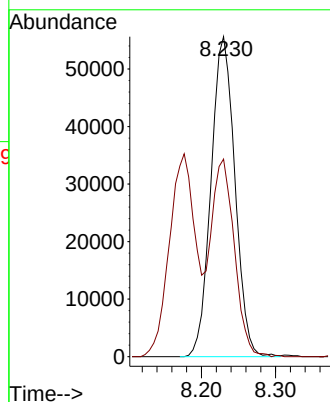
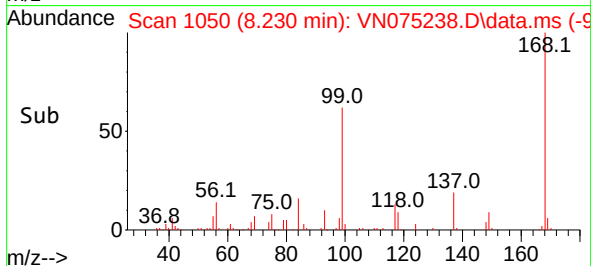
Instrument :
MSVOA_N
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Tgt Ion:168 Resp: 12444
Ion Ratio Lower Upper
168 100
99 61.5 51.6 77.4

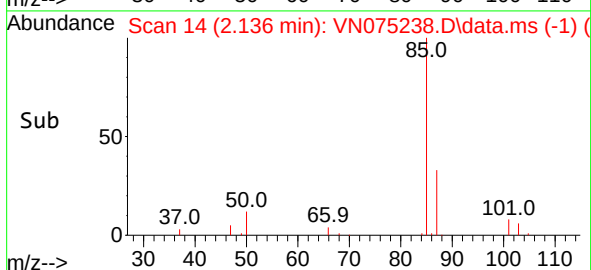
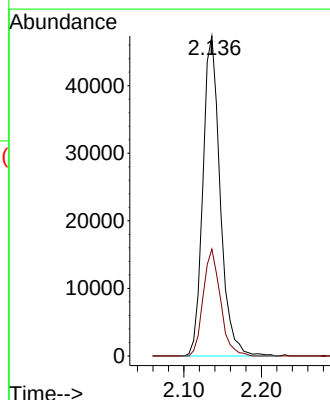
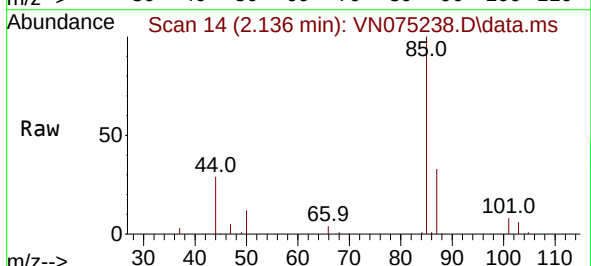
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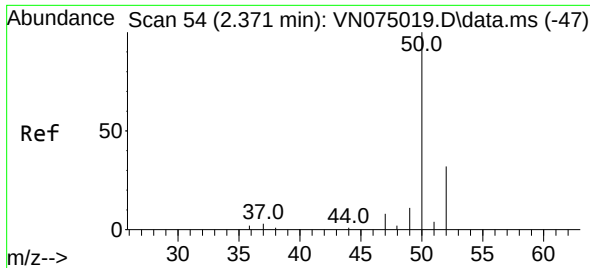
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#2
Dichlorodifluoromethane
Concen: 45.272 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

Tgt Ion: 85 Resp: 73288
Ion Ratio Lower Upper
85 100
87 33.4 16.7 50.0





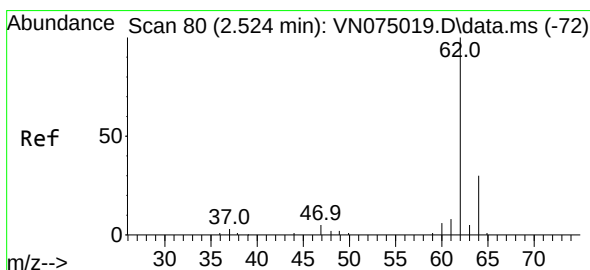
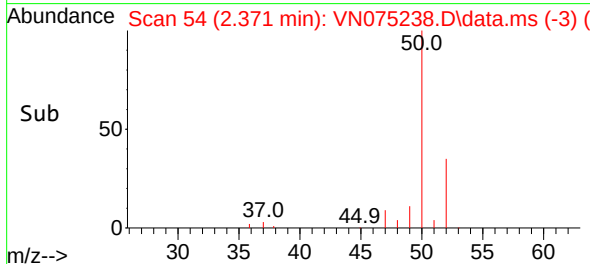
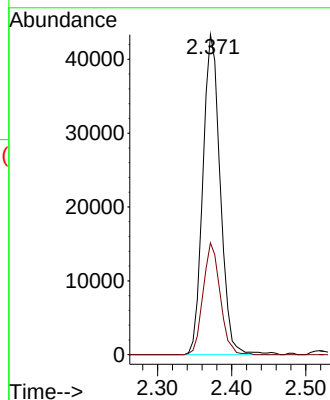
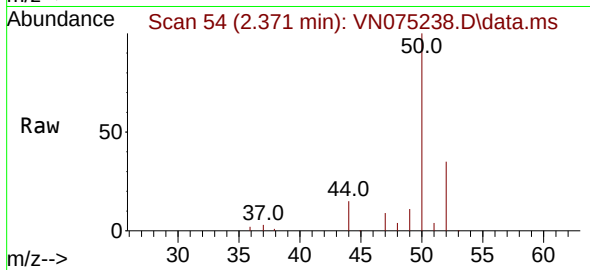
#3
Chloromethane
Concen: 41.127 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

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Tgt Ion: 50 Resp: 7071
Ion Ratio Lower Upper
50 100
52 35.0 25.8 38.6

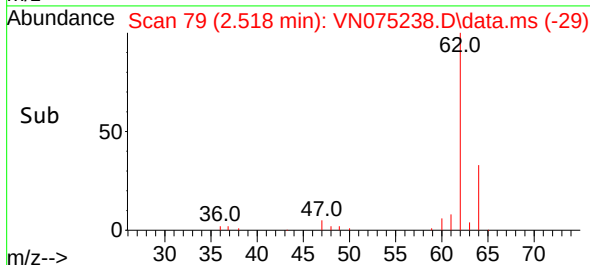
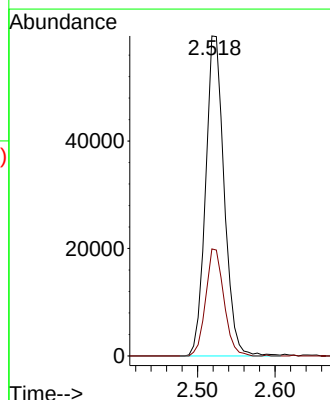
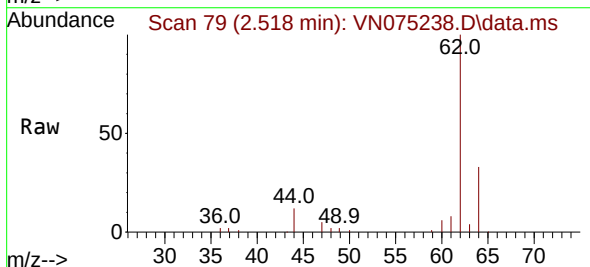
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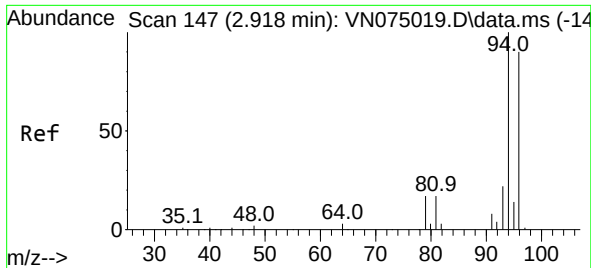
Reviewed By :John Carlone 11/14/2022
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#4
Vinyl Chloride
Concen: 40.470 ug/l
RT: 2.518 min Scan# 79
Delta R.T. -0.006 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

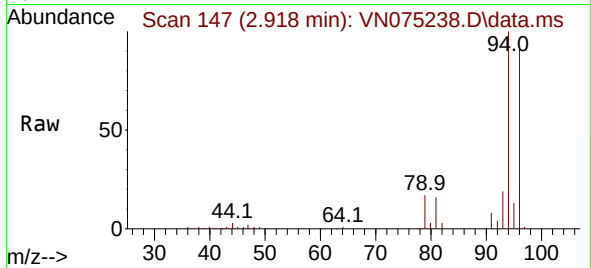
Tgt Ion: 62 Resp: 99274
Ion Ratio Lower Upper
62 100
64 33.4 24.0 36.0





#5
Bromomethane
Concen: 57.430 ug/l
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

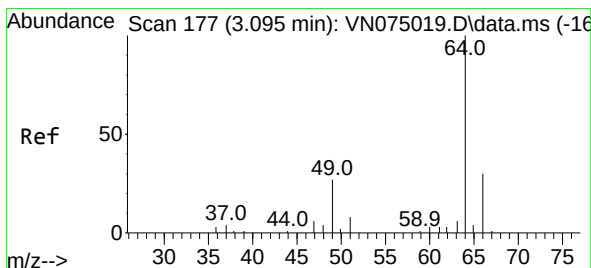
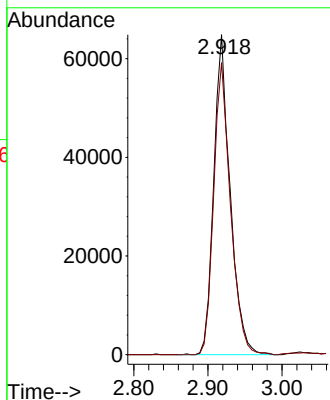
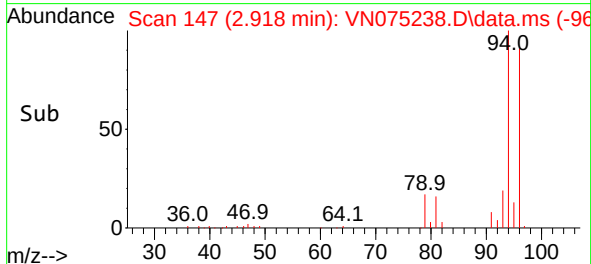
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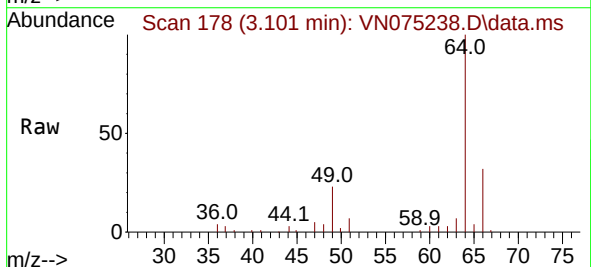
Tgt Ion: 94 Resp: 99579
Ion Ratio Lower Upper
94 100
96 91.3 71.8 107.6

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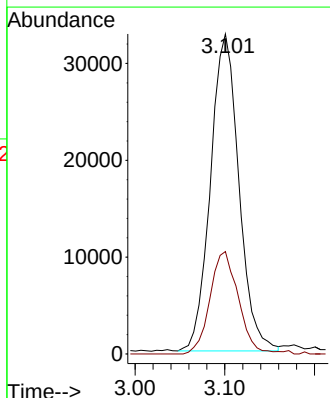
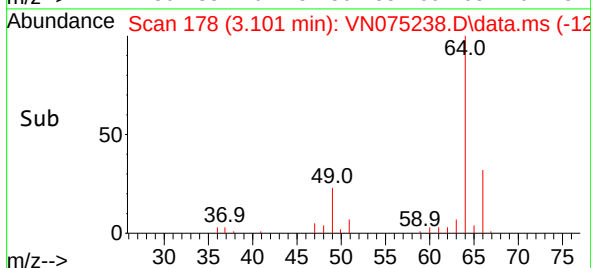
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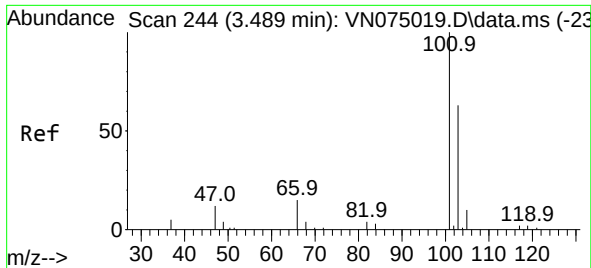


#6
Chloroethane
Concen: 40.954 ug/l
RT: 3.101 min Scan# 178
Delta R.T. 0.006 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45



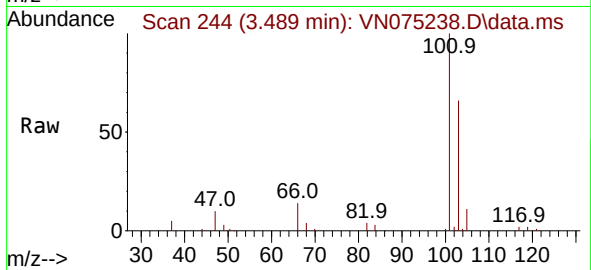
Tgt Ion: 64 Resp: 72038
Ion Ratio Lower Upper
64 100
66 32.3 23.8 35.8





#7
 Trichlorofluoromethane
 Concen: 48.379 ug/l
 RT: 3.489 min Scan# 244
 Delta R.T. -0.000 min
 Lab File: VN075238.D
 Acq: 11 Nov 2022 10:45

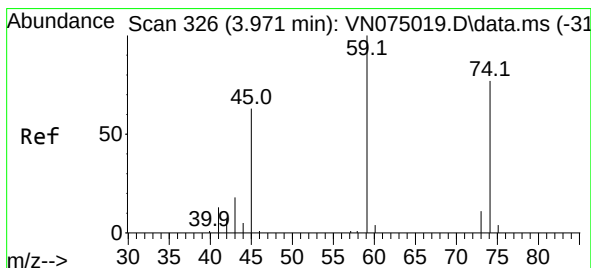
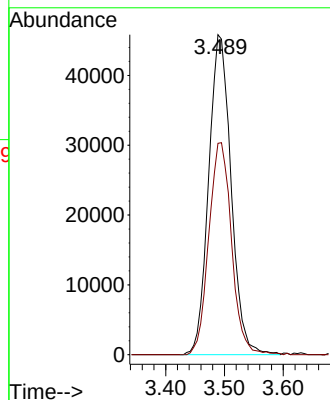
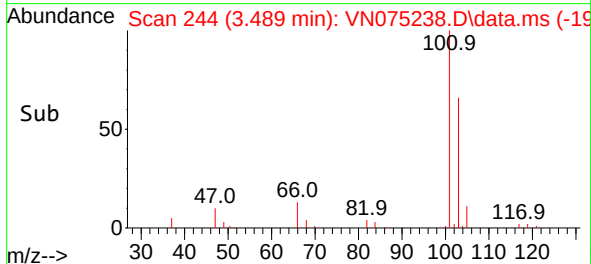
Instrument :
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Tgt Ion:101 Resp: 12123
 Ion Ratio Lower Upper
 101 100
 103 66.1 50.5 75.7

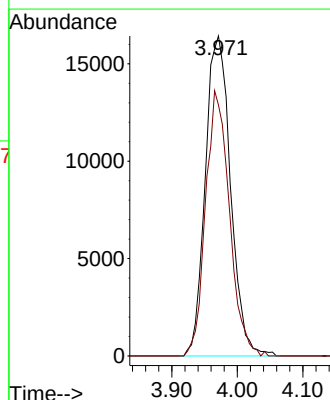
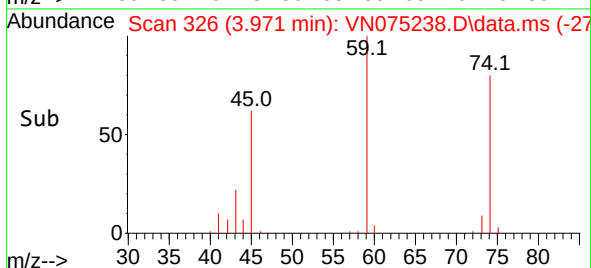
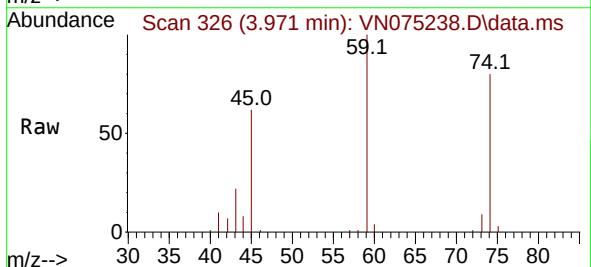
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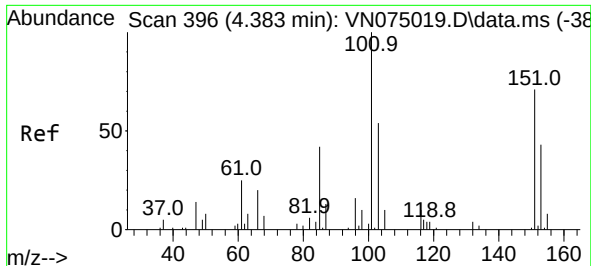
Reviewed By :John Carlone 11/14/2022
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#8
 Diethyl Ether
 Concen: 48.126 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.000 min
 Lab File: VN075238.D
 Acq: 11 Nov 2022 10:45

Tgt Ion: 74 Resp: 43987
 Ion Ratio Lower Upper
 74 100
 45 78.4 39.3 117.9





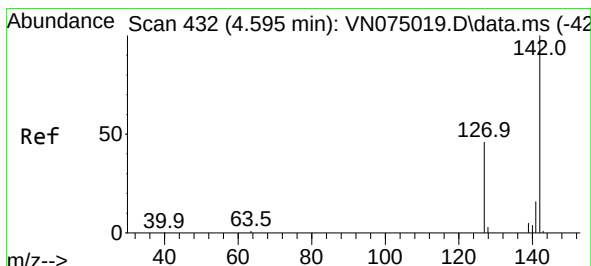
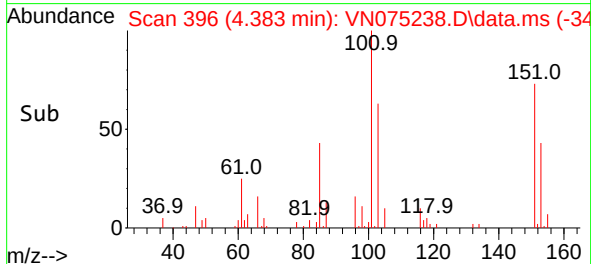
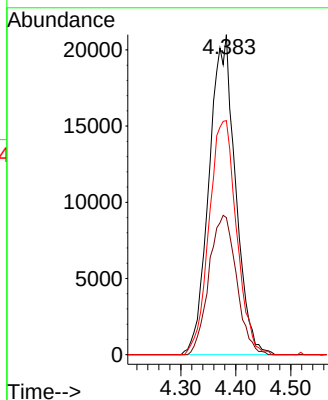
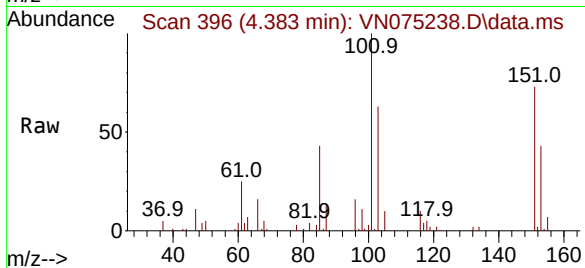
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.445 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN075238.D
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Tgt Ion:101 Resp: 69809
Ion Ratio Lower Upper
101 100
85 45.5 37.6 56.4
151 76.3 58.3 87.5

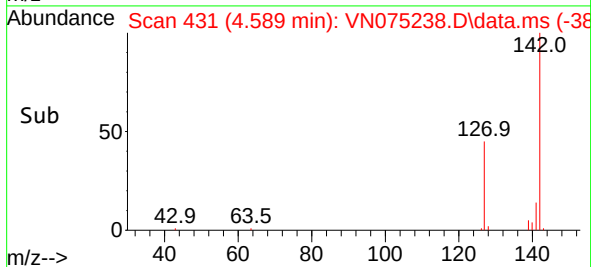
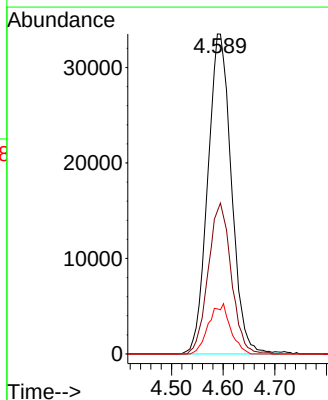
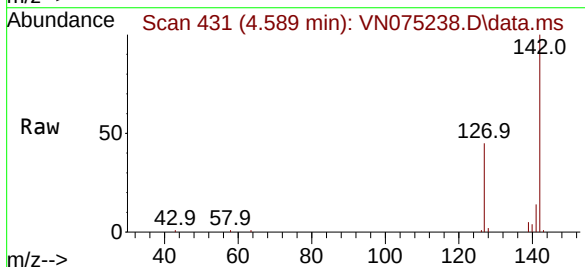
Manual Integrations
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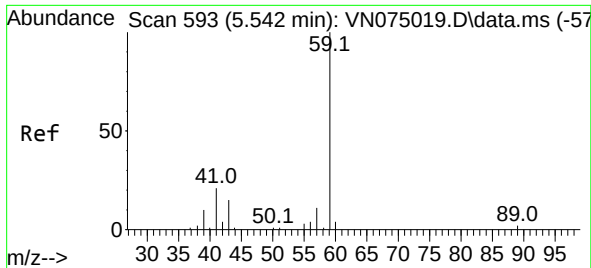
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#10
Methyl Iodide
Concen: 51.629 ug/l
RT: 4.589 min Scan# 431
Delta R.T. -0.006 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

Tgt Ion:142 Resp: 106367
Ion Ratio Lower Upper
142 100
127 46.0 38.0 57.0
141 14.5 12.2 18.4





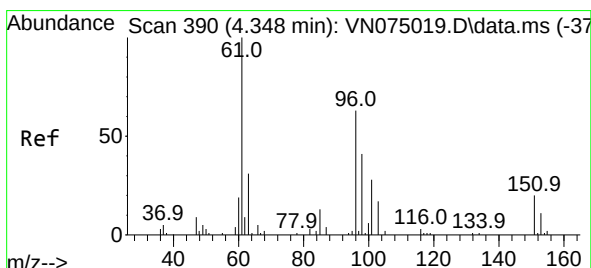
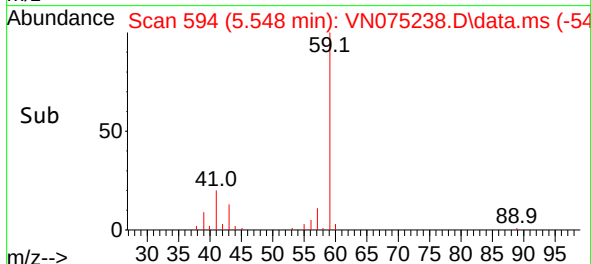
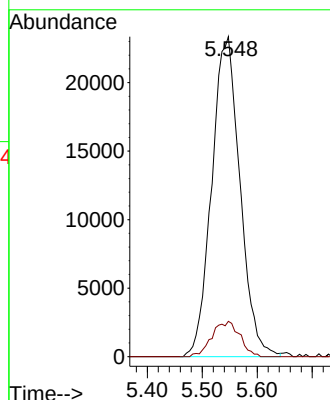
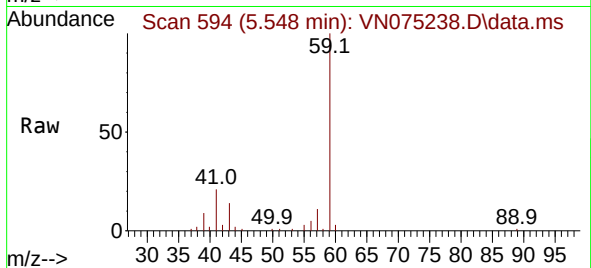
#11
Tert butyl alcohol
Concen: 213.520 ug/l
RT: 5.548 min Scan# 59
Delta R.T. 0.006 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 83489
Ion Ratio Lower Upper
59 100
57 10.9 8.5 12.7

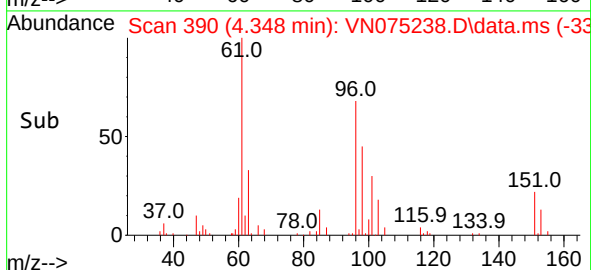
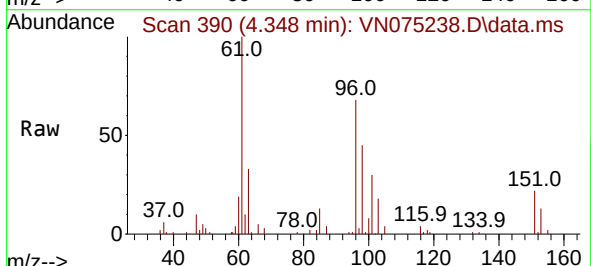
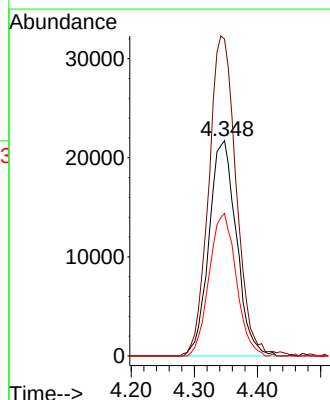
Manual Integrations
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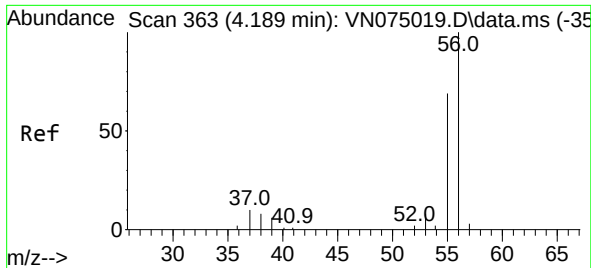
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#12
1,1-Dichloroethene
Concen: 49.597 ug/l
RT: 4.348 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

Tgt Ion: 96 Resp: 65423
Ion Ratio Lower Upper
96 100
61 147.1 126.2 189.4
98 66.2 51.5 77.3





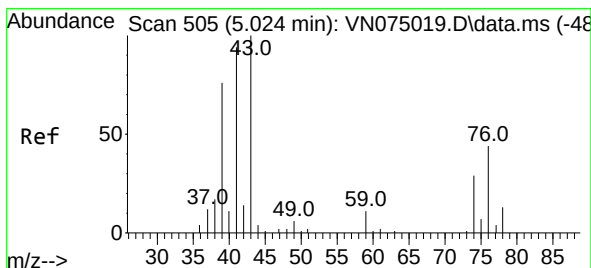
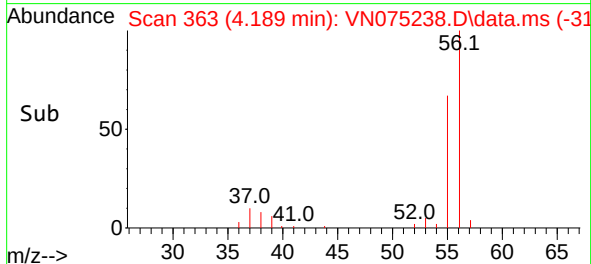
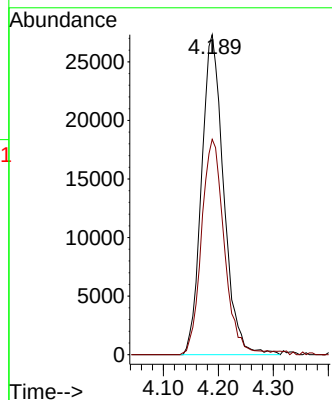
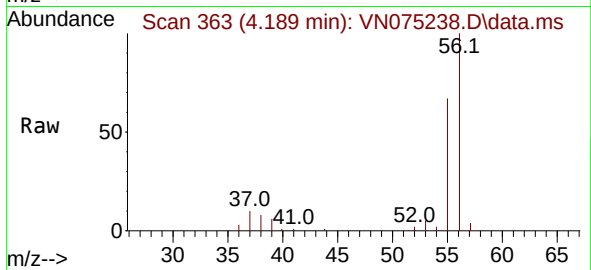
#13
Acrolein
Concen: 238.611 ug/l
RT: 4.189 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 76314
Ion Ratio Lower Upper
56 100
55 69.4 55.2 82.8

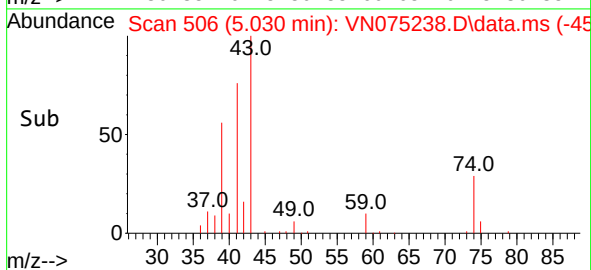
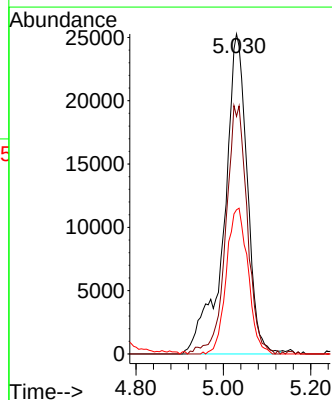
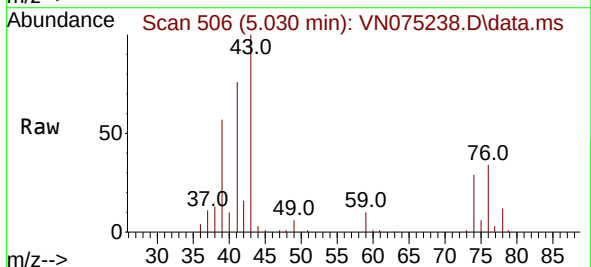
Manual Integrations
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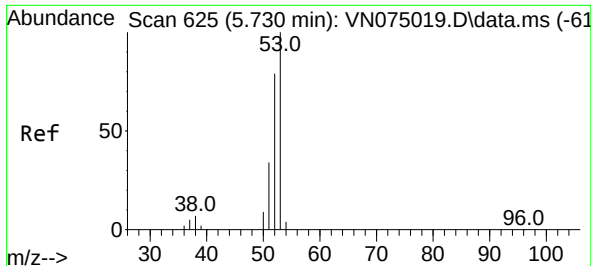
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#14
Allyl chloride
Concen: 48.153 ug/l
RT: 5.030 min Scan# 506
Delta R.T. 0.006 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

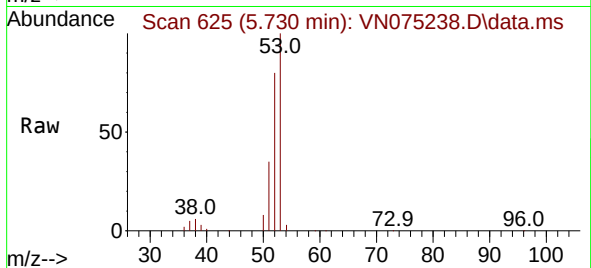
Tgt Ion: 41 Resp: 92770
Ion Ratio Lower Upper
41 100
39 72.0 61.0 91.4
76 42.6 33.4 50.0





#15
Acrylonitrile
Concen: 243.074 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

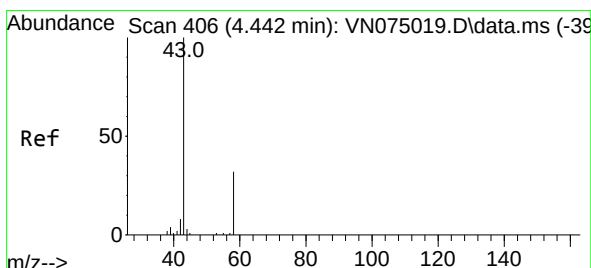
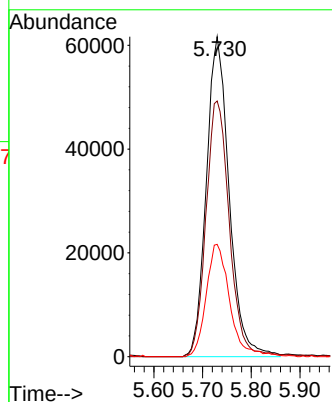
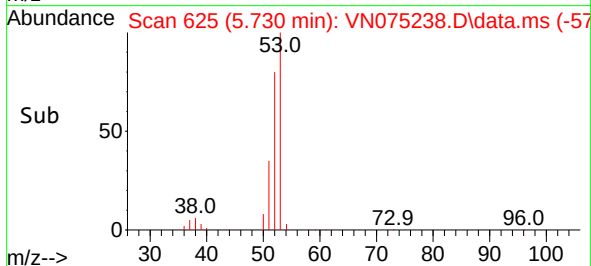
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 200775
Ion Ratio Lower Upper
53 100
52 81.9 66.4 99.6
51 36.3 29.6 44.4

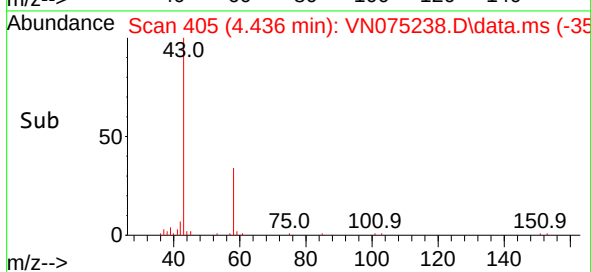
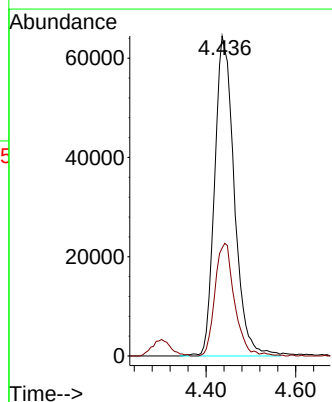
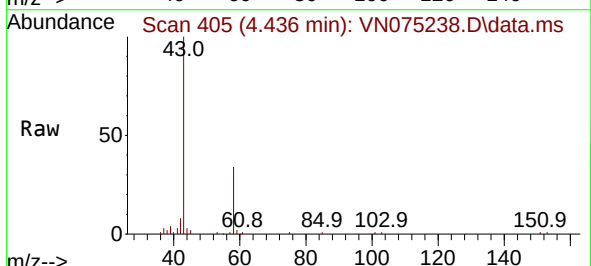
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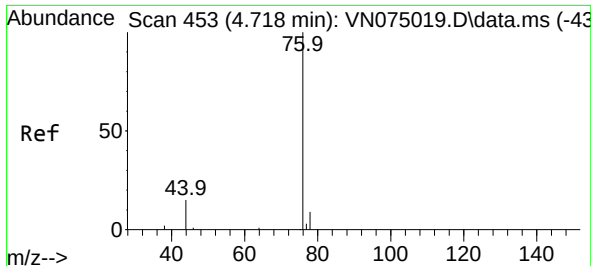
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#16
Acetone
Concen: 276.099 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

Tgt Ion: 43 Resp: 196018
Ion Ratio Lower Upper
43 100
58 33.5 25.5 38.3





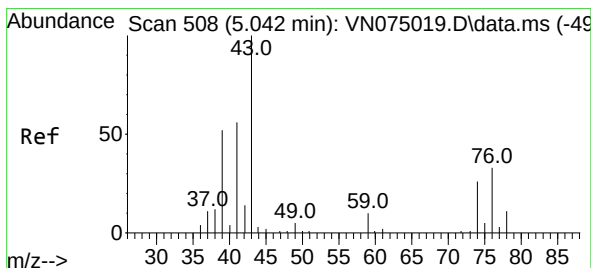
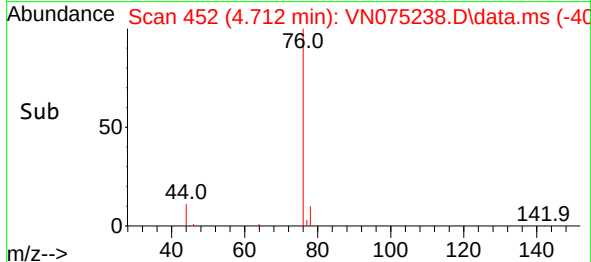
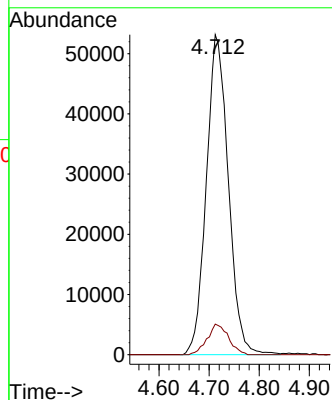
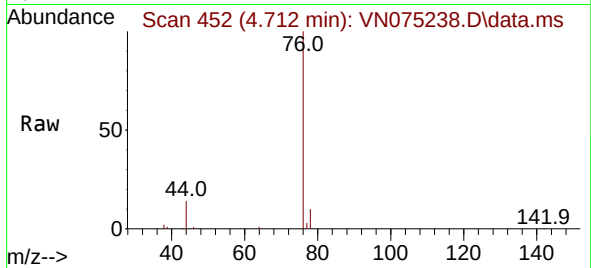
#17
Carbon Disulfide
Concen: 48.859 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 162074
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2

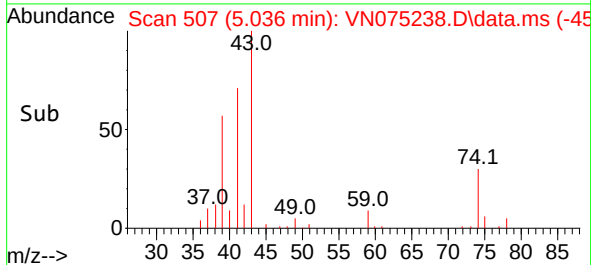
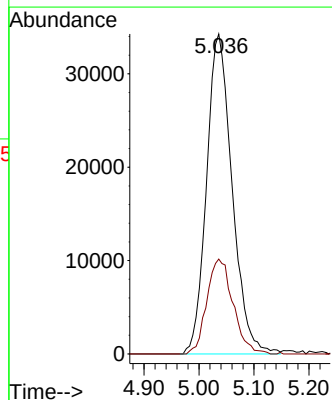
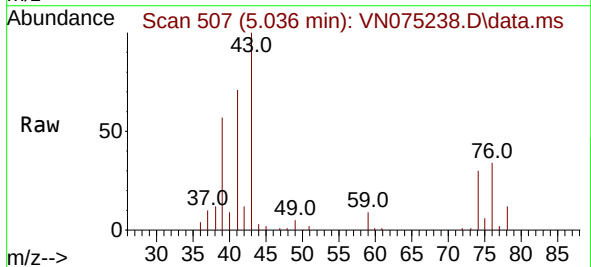
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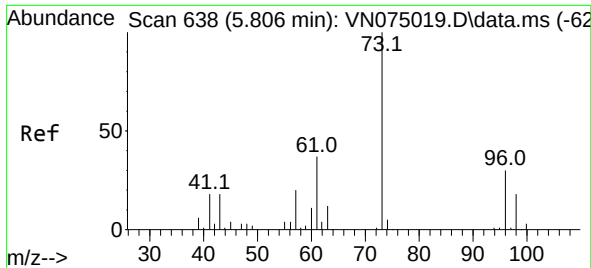
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#18
Methyl Acetate
Concen: 47.818 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

Tgt Ion: 43 Resp: 110891
Ion Ratio Lower Upper
43 100
74 30.3 22.0 33.0





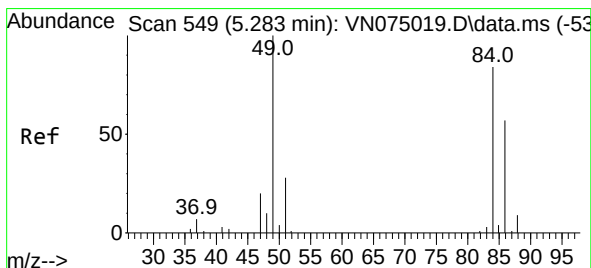
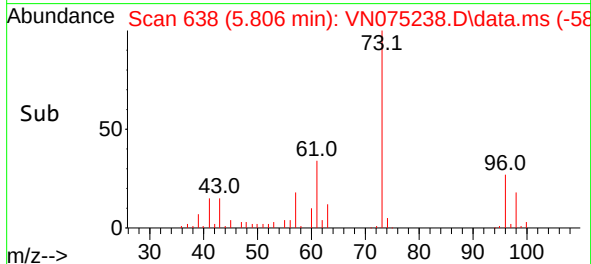
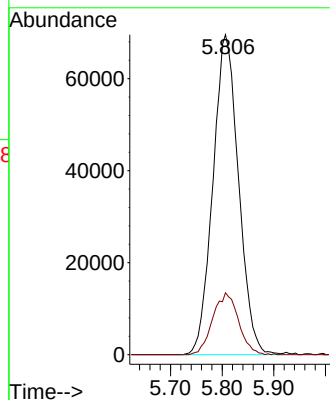
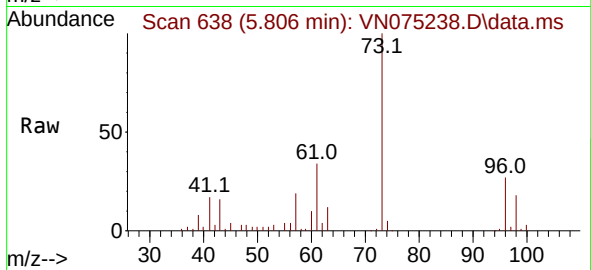
#19
Methyl tert-butyl Ether
Concen: 48.861 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 23955
Ion Ratio Lower Upper
73 100
57 19.3 16.3 24.5

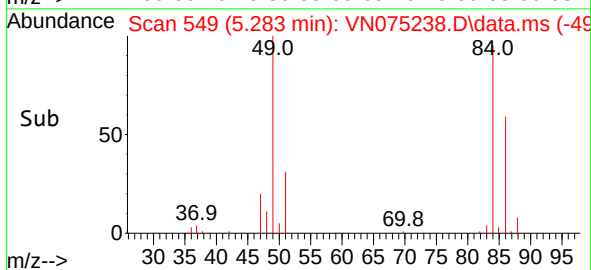
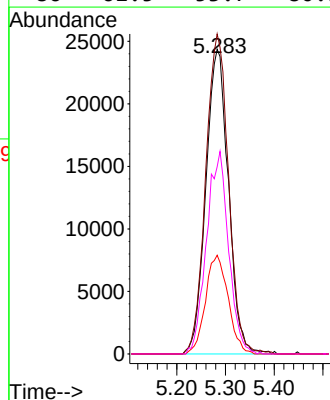
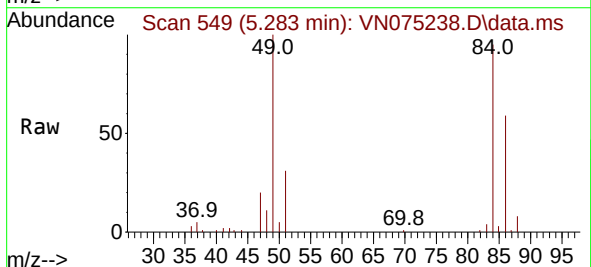
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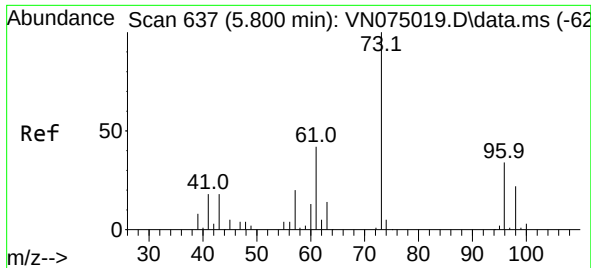
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#20
Methylene Chloride
Concen: 49.463 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

Tgt Ion: 84 Resp: 78298
Ion Ratio Lower Upper
84 100
49 105.1 94.9 142.3
51 32.4 26.8 40.2
86 61.5 53.7 80.5





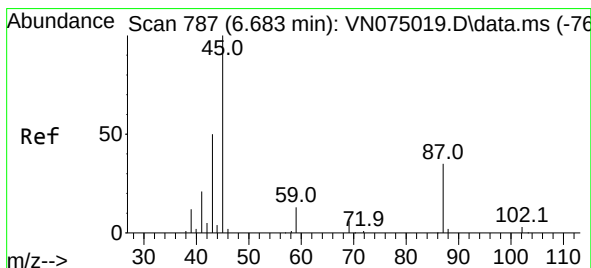
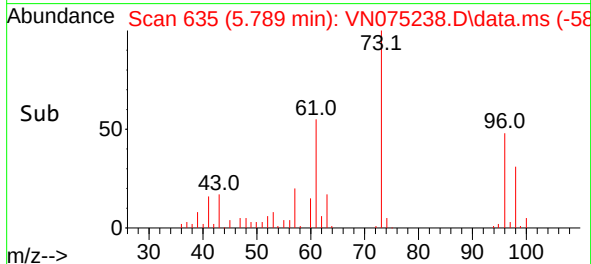
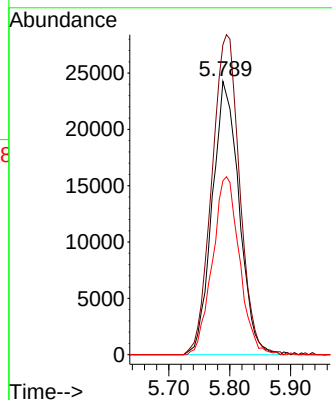
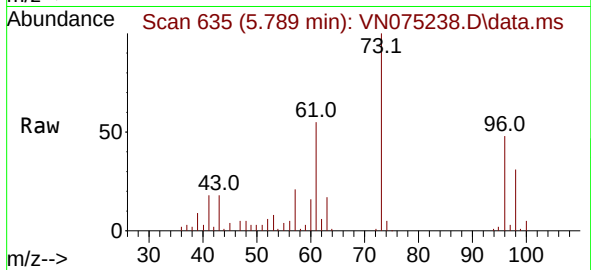
#21
trans-1,2-Dichloroethene
Concen: 51.476 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.011 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 7434
Ion Ratio Lower Upper
96 100
61 113.5 99.9 149.9
98 63.6 51.5 77.3

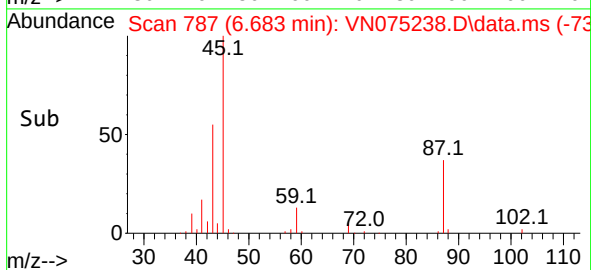
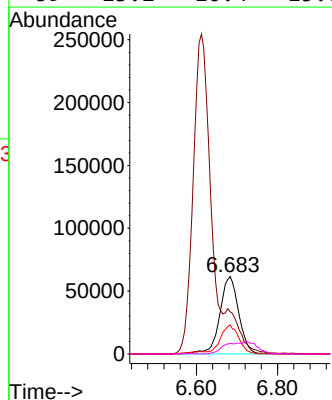
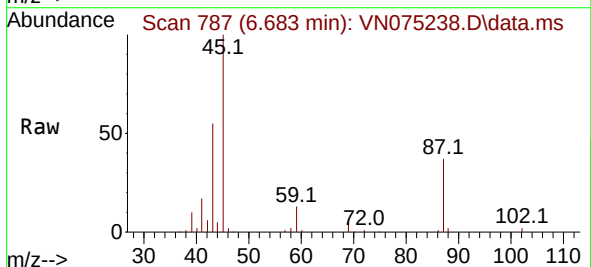
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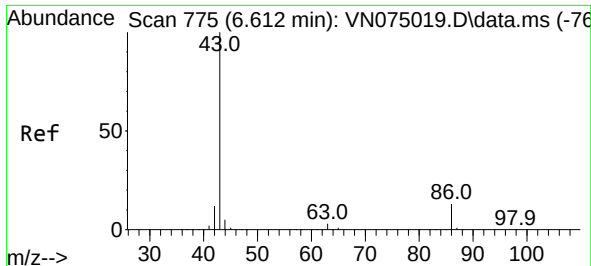
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#22
Diisopropyl ether
Concen: 46.936 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

Tgt Ion: 45 Resp: 199555
Ion Ratio Lower Upper
45 100
43 53.8 42.8 64.2
87 37.4 28.4 42.6
59 13.2 10.4 15.6





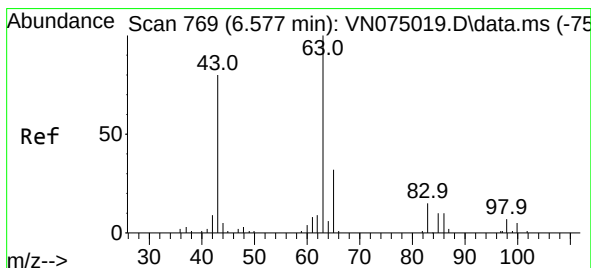
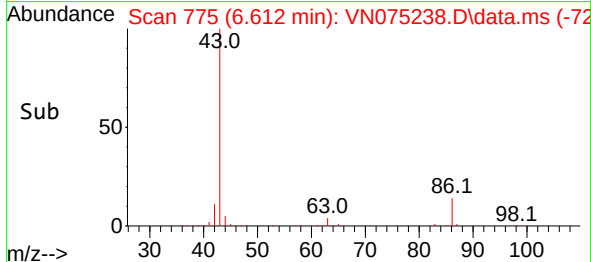
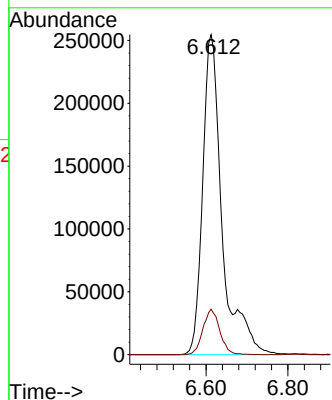
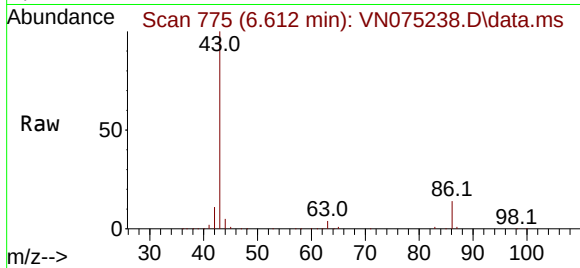
#23
 Vinyl Acetate
 Concen: 236.568 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075238.D
 Acq: 11 Nov 2022 10:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 83989
 Ion Ratio Lower Upper
 43 100
 86 14.2 10.7 16.1

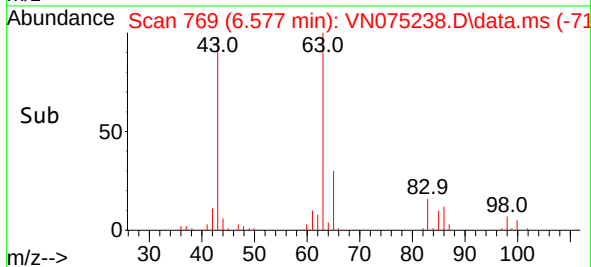
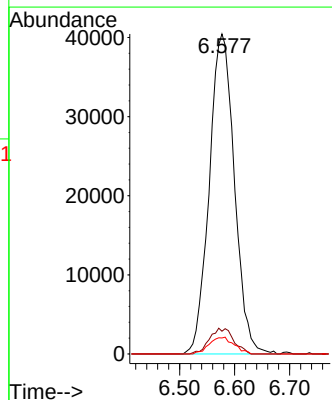
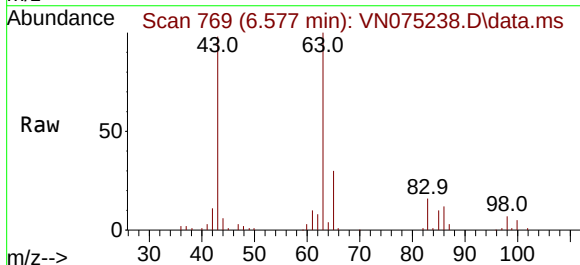
Manual Integrations
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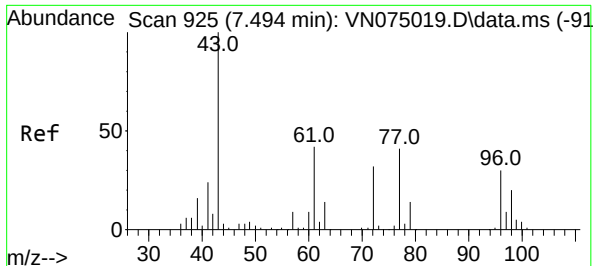
Reviewed By :John Carlone 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022



#24
 1,1-Dichloroethane
 Concen: 47.764 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075238.D
 Acq: 11 Nov 2022 10:45

Tgt Ion: 63 Resp: 128434
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 5.0 2.4 7.2





#25

2-Butanone

Concen: 246.143 ug/l

RT: 7.489 min Scan# 91

Delta R.T. -0.005 min

Lab File: VN075238.D

Acq: 11 Nov 2022 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 27486

Ion Ratio Lower Upper

43 100

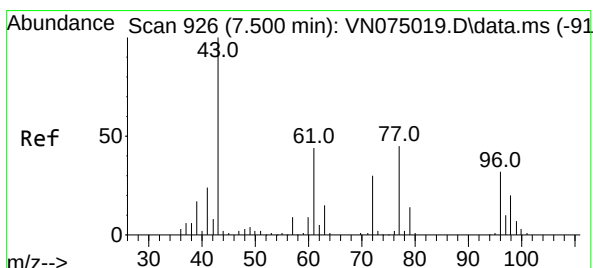
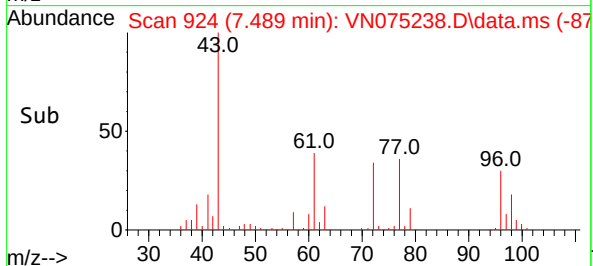
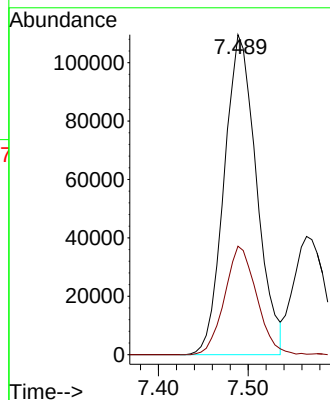
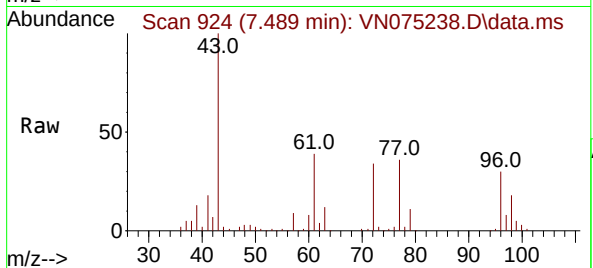
72 33.9 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#26

2,2-Dichloropropane

Concen: 49.464 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.006 min

Lab File: VN075238.D

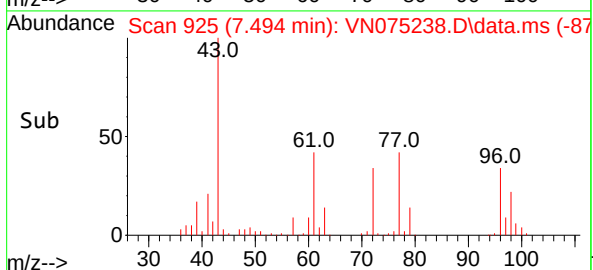
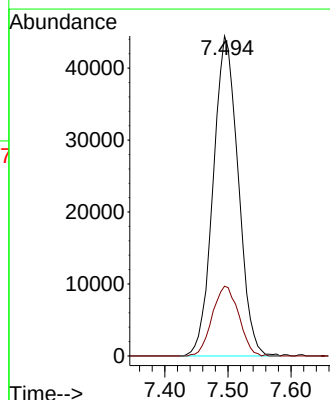
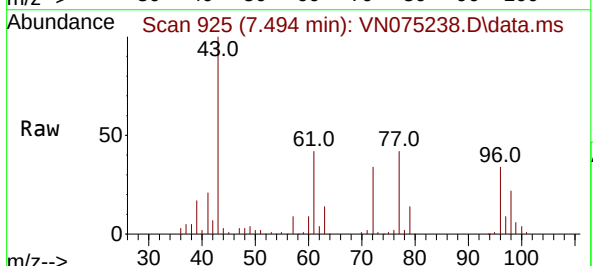
Acq: 11 Nov 2022 10:45

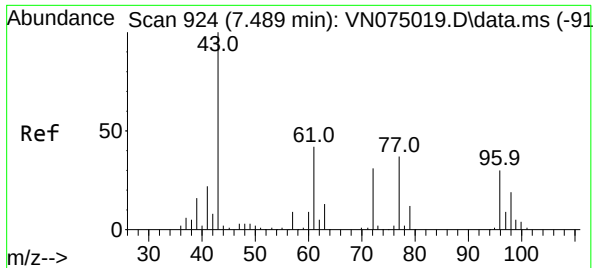
Tgt Ion: 77 Resp: 122358

Ion Ratio Lower Upper

77 100

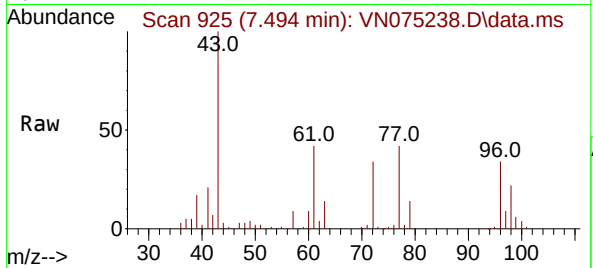
97 23.1 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 52.335 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.005 min
 Lab File: VN075238.D
 Acq: 11 Nov 2022 10:45

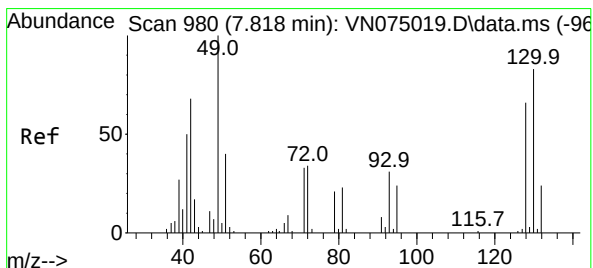
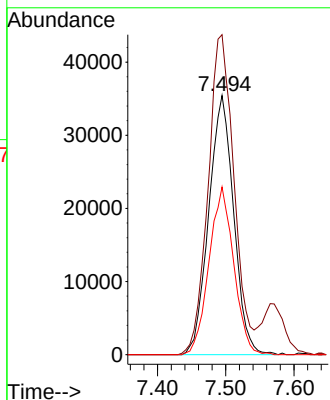
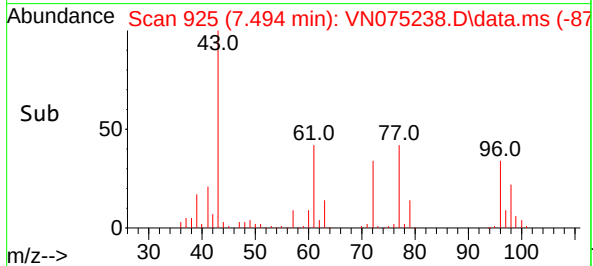
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 90260
 Ion Ratio Lower Upper
 96 100
 61 128.1 0.0 278.8
 98 64.1 0.0 128.4

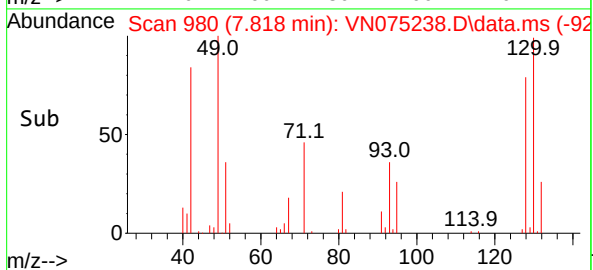
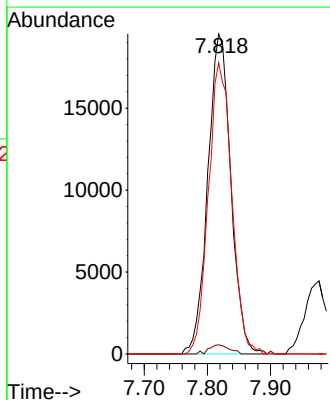
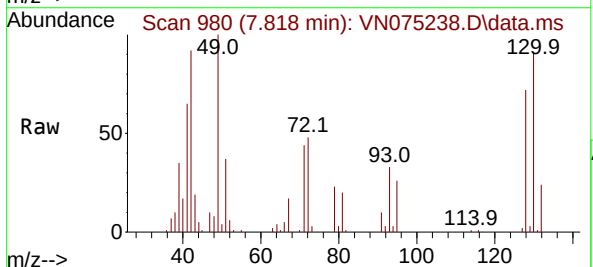
Manual Integrations
 APPROVED

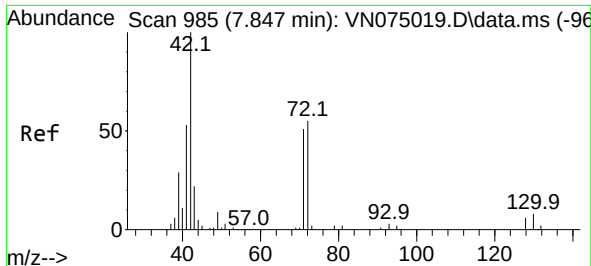
Reviewed By :John Carlone 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022



#28
 Bromochloromethane
 Concen: 43.783 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075238.D
 Acq: 11 Nov 2022 10:45

Tgt Ion: 49 Resp: 49629
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.6
 130 91.7 66.2 99.4





#29

Tetrahydrofuran

Concen: 238.811 ug/l

RT: 7.847 min Scan# 985

Delta R.T. 0.000 min

Lab File: VN075238.D

Acq: 11 Nov 2022 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 172324

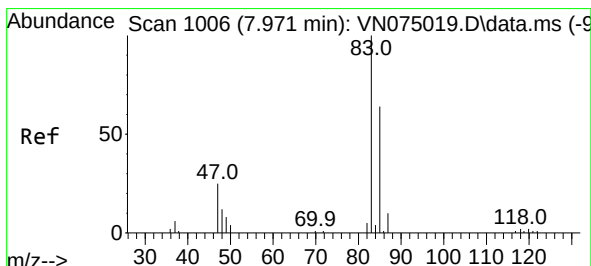
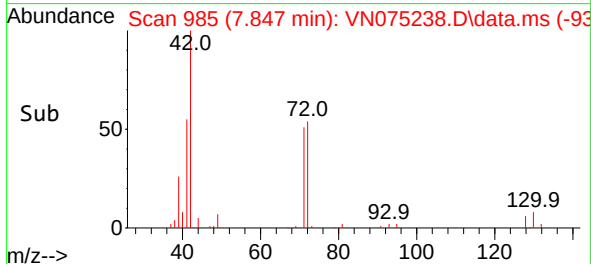
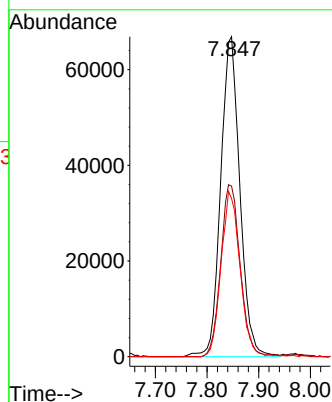
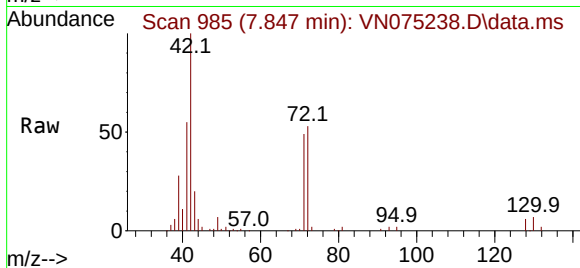
Ion	Ratio	Lower	Upper
42	100		
72	54.4	43.0	64.6
71	50.9	39.9	59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#30

Chloroform

Concen: 49.823 ug/l

RT: 7.971 min Scan# 1006

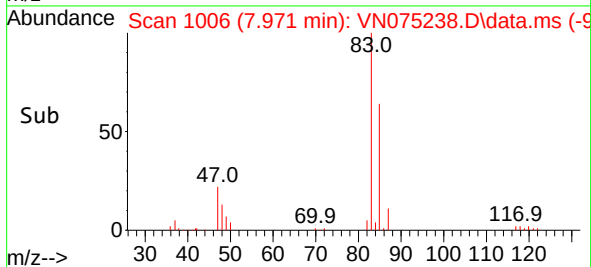
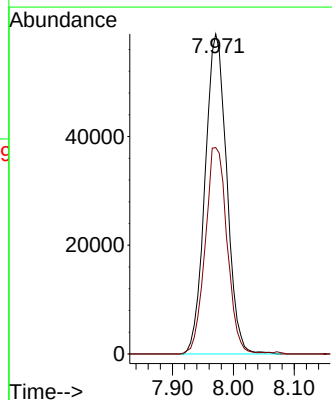
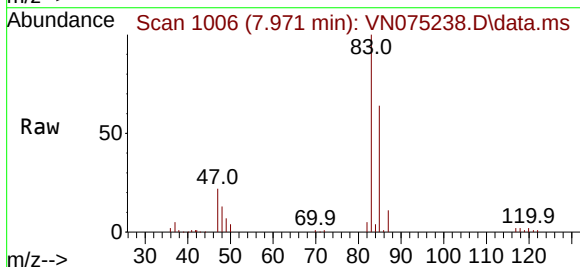
Delta R.T. -0.000 min

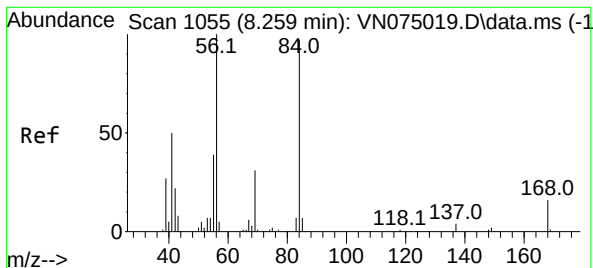
Lab File: VN075238.D

Acq: 11 Nov 2022 10:45

Tgt Ion: 83 Resp: 145457

Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.4	77.0





#31

Cyclohexane

Concen: 45.188 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN075238.D

Acq: 11 Nov 2022 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 11268

Ion Ratio Lower Upper

56 100

69 34.0 25.2 37.8

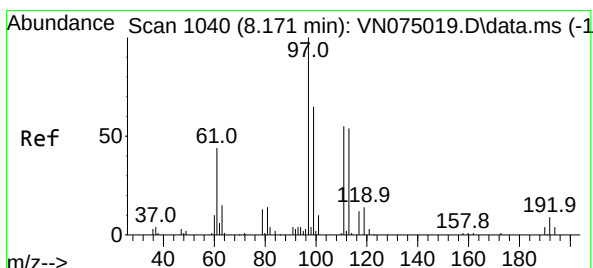
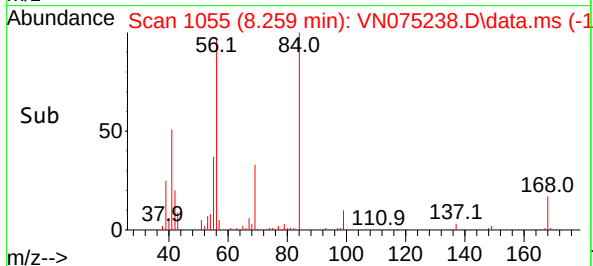
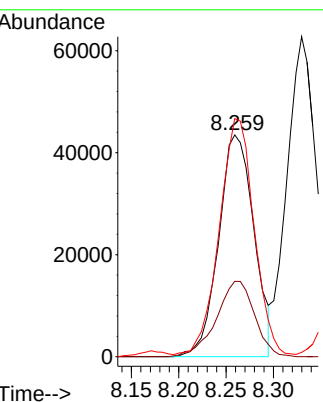
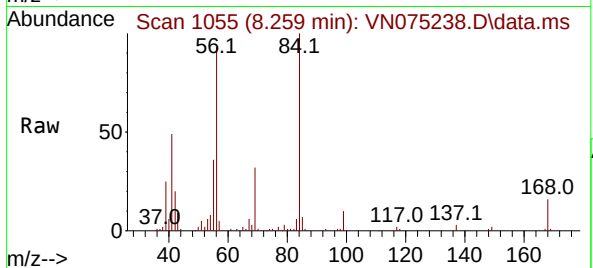
84 106.1 77.8 116.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#32

1,1,1-Trichloroethane

Concen: 50.483 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075238.D

Acq: 11 Nov 2022 10:45

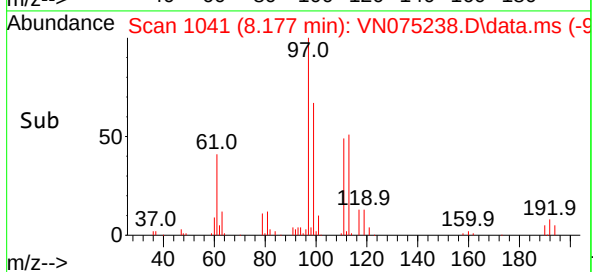
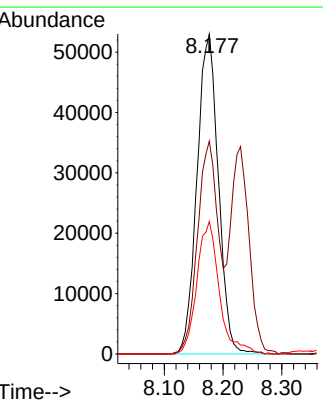
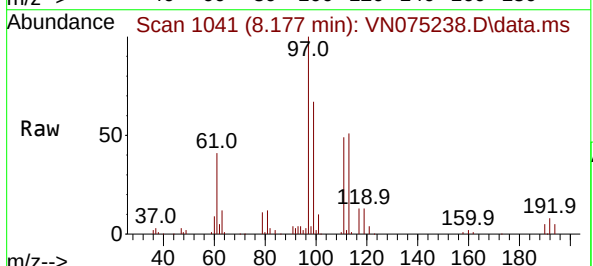
Tgt Ion: 97 Resp: 133841

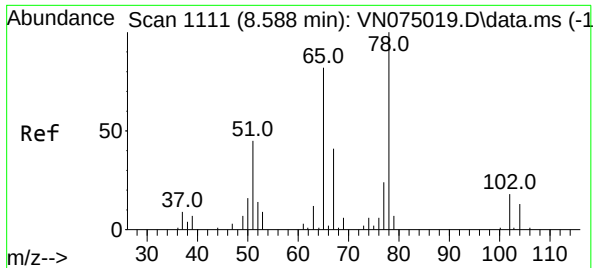
Ion Ratio Lower Upper

97 100

99 63.9 50.2 75.2

61 43.4 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 44.136 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN075238.D

Acq: 11 Nov 2022 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050

Tgt Ion: 65 Resp: 7400

Ion Ratio Lower Upper

65 100

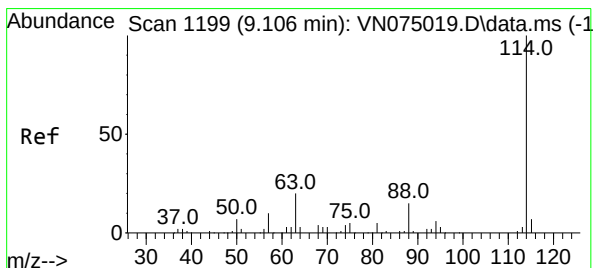
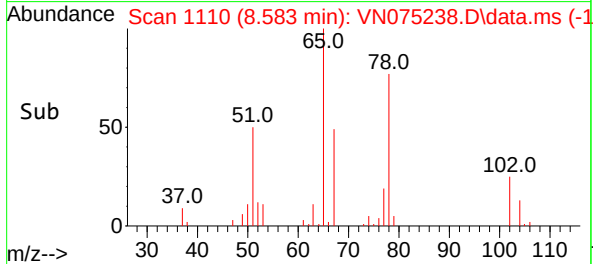
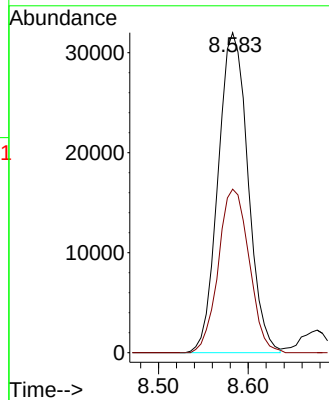
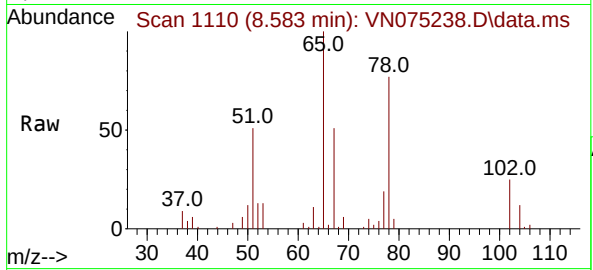
67 52.6 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075238.D

Acq: 11 Nov 2022 10:45

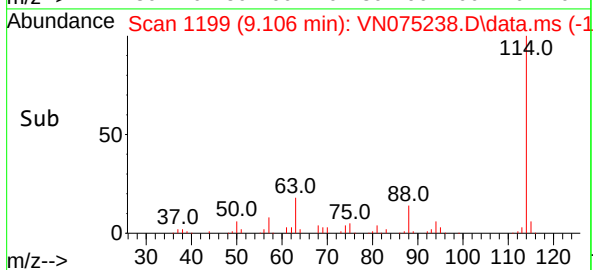
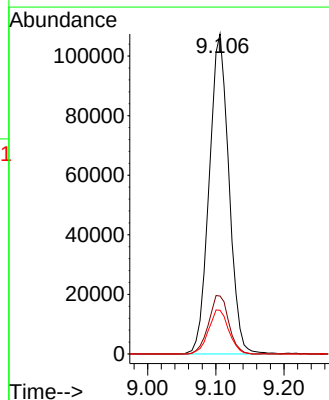
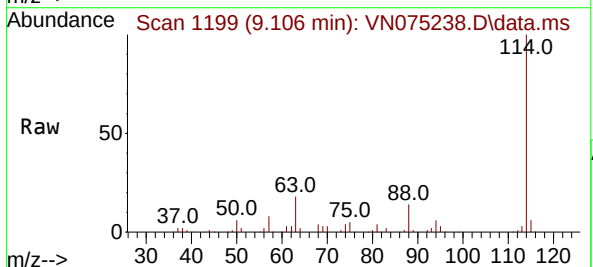
Tgt Ion:114 Resp: 215958

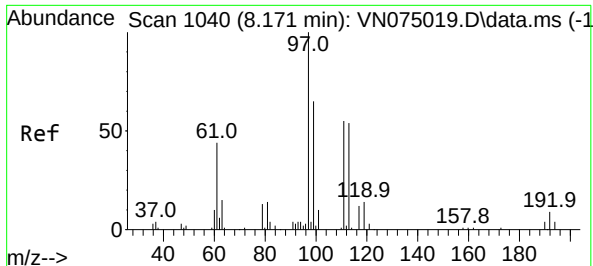
Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.6

88 13.7 0.0 29.0





#35

Dibromofluoromethane

Concen: 52.862 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075238.D

Acq: 11 Nov 2022 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 67018

Ion Ratio Lower Upper

113 100

111 102.1 80.5 120.7

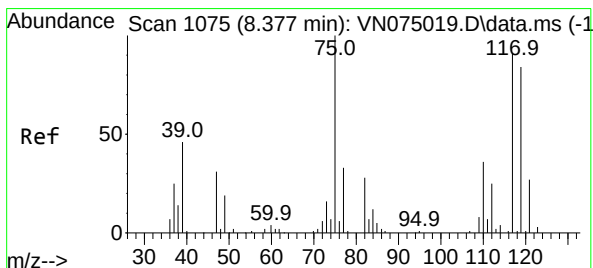
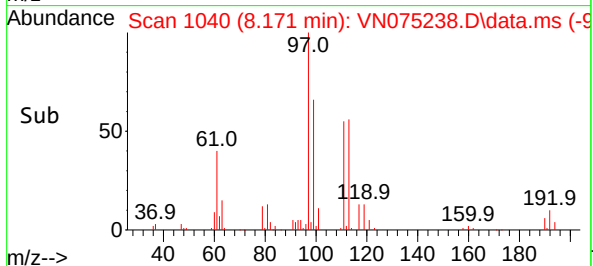
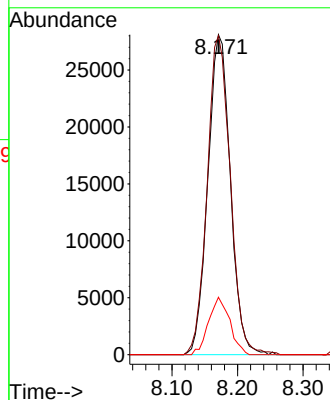
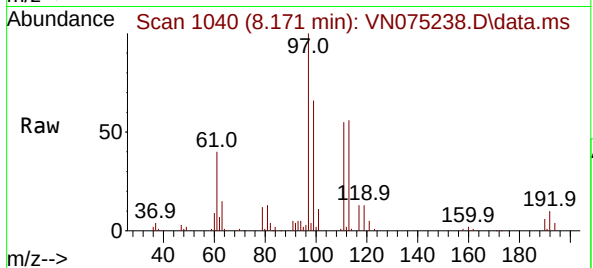
192 16.9 13.2 19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#36

1,1-Dichloropropene

Concen: 54.199 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN075238.D

Acq: 11 Nov 2022 10:45

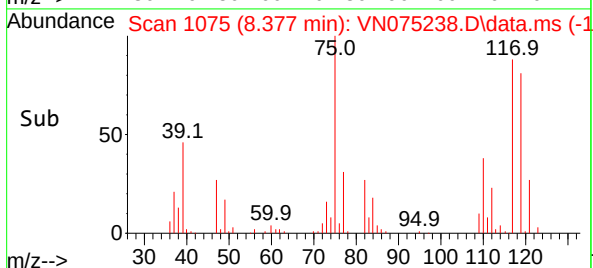
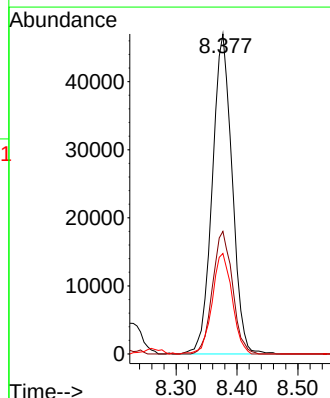
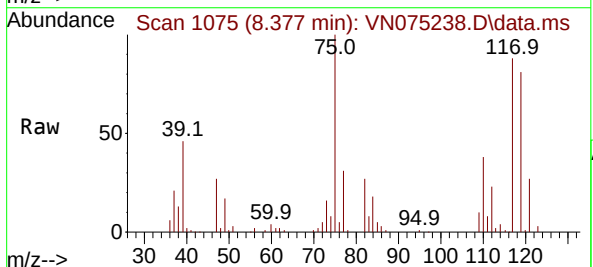
Tgt Ion: 75 Resp: 106378

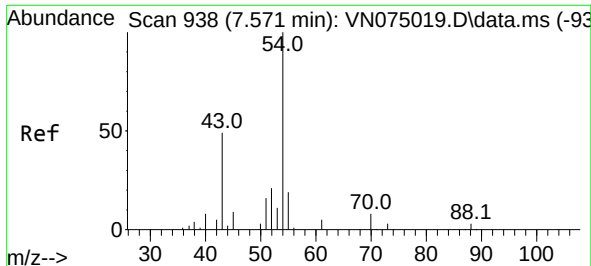
Ion Ratio Lower Upper

75 100

110 38.4 17.8 53.3

77 31.5 24.6 37.0





#37

Ethyl Acetate

Concen: 47.596 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075238.D

Acq: 11 Nov 2022 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 102450

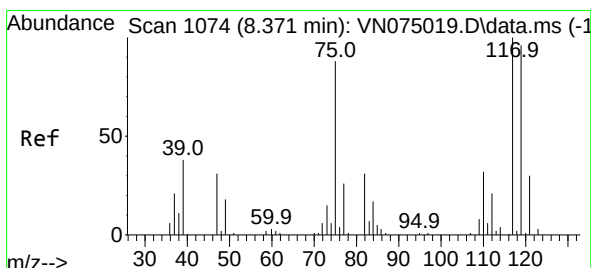
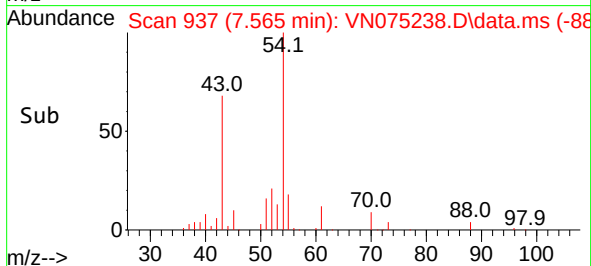
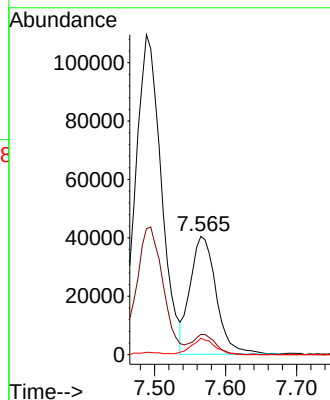
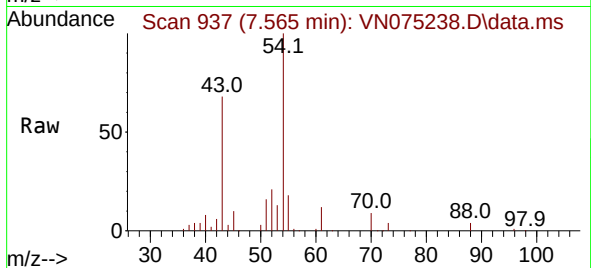
Ion	Ratio	Lower	Upper
43	100		
61	15.8	12.2	18.4
70	12.5	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#38

Carbon Tetrachloride

Concen: 56.519 ug/l

RT: 8.365 min Scan# 1073

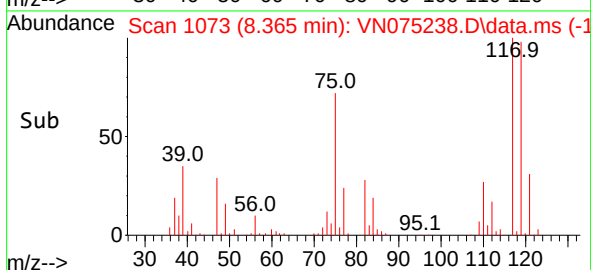
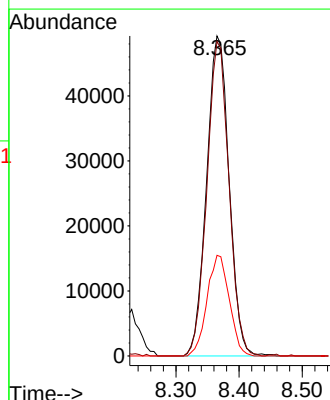
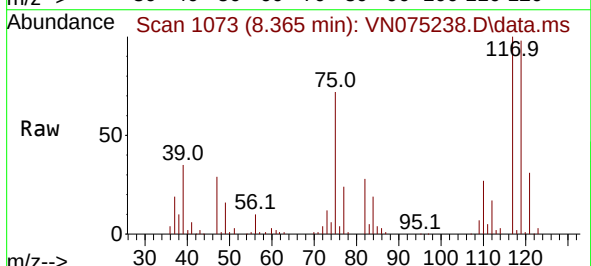
Delta R.T. -0.006 min

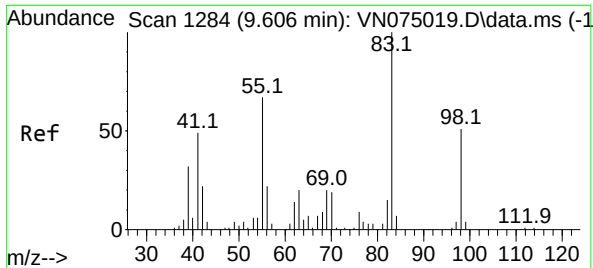
Lab File: VN075238.D

Acq: 11 Nov 2022 10:45

Tgt Ion:117 Resp: 122027

Ion	Ratio	Lower	Upper
117	100		
119	98.2	76.7	115.1
121	31.4	23.9	35.9





#39

Methylcyclohexane

Concen: 54.725 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN075238.D

Acq: 11 Nov 2022 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 141800

Ion Ratio Lower Upper

83 100

55 64.6 53.6 80.4

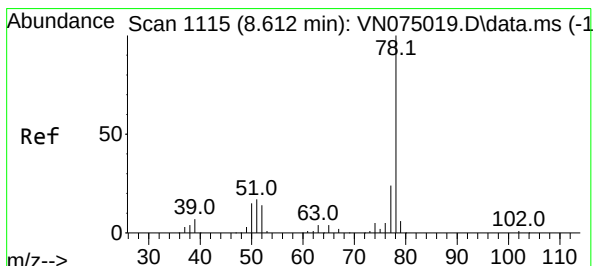
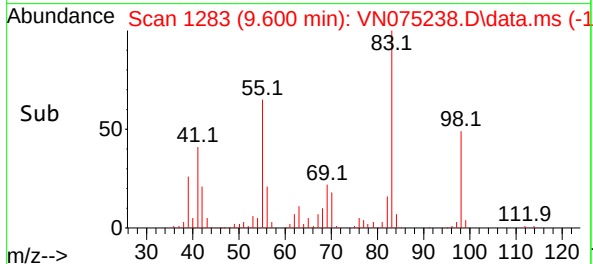
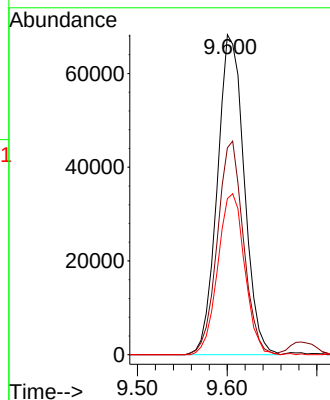
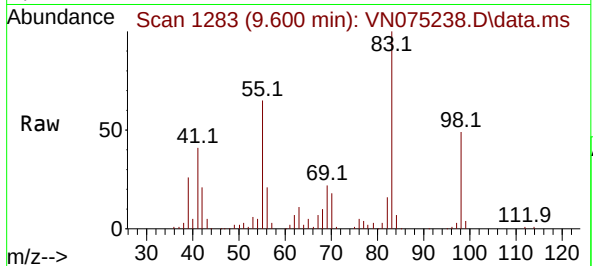
98 48.7 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#40

Benzene

Concen: 53.465 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075238.D

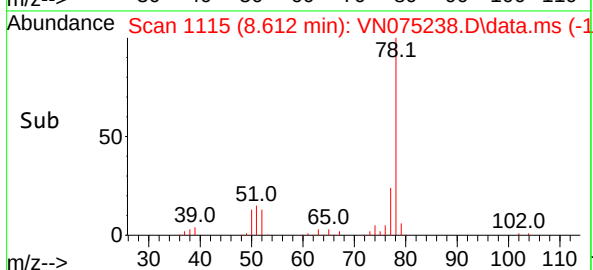
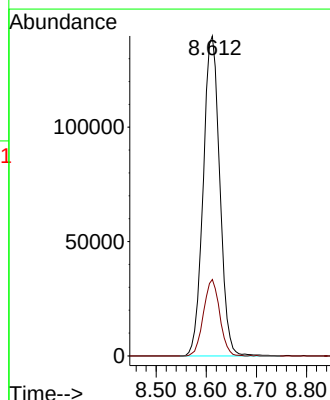
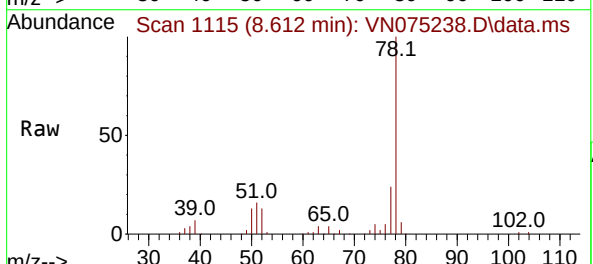
Acq: 11 Nov 2022 10:45

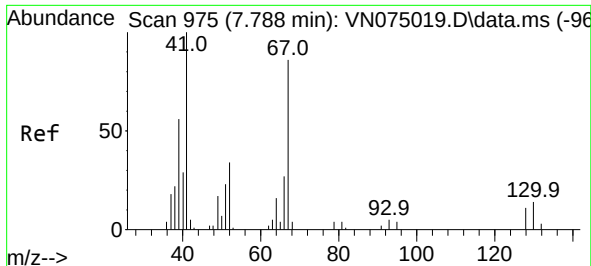
Tgt Ion: 78 Resp: 321308

Ion Ratio Lower Upper

78 100

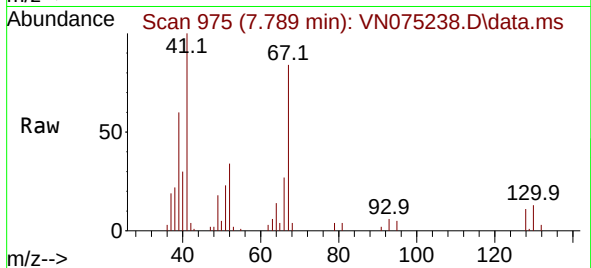
77 23.9 19.4 29.0





#41
Methacrylonitrile
Concen: 51.128 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.001 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

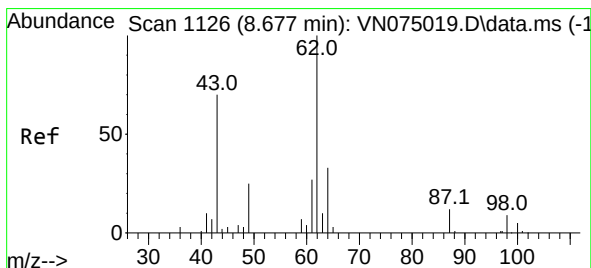
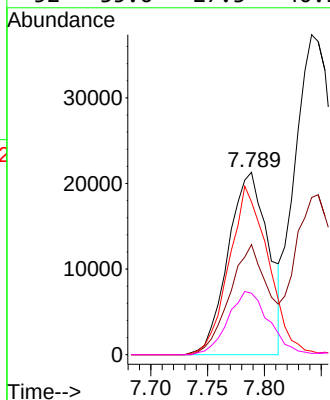
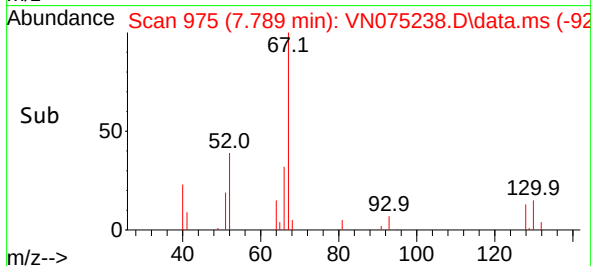
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



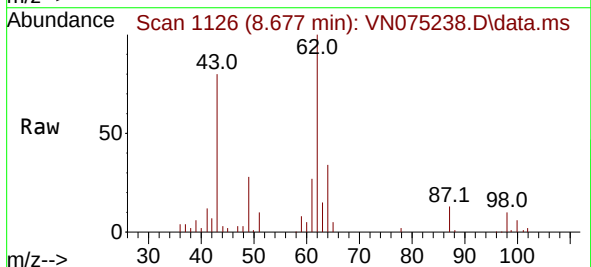
Tgt Ion: 41	Resp: 5272
Ion Ratio	Lower Upper
41	100
39	57.5 44.4 66.6
67	90.7 69.8 104.6
52	35.6 27.3 40.9

Manual Integrations
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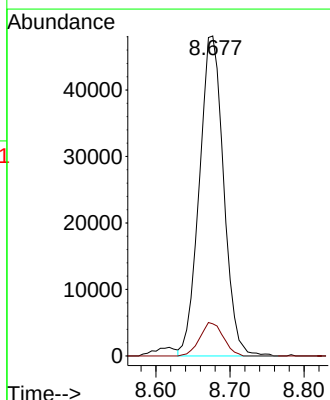
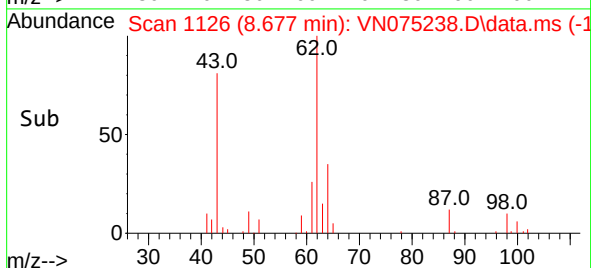
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

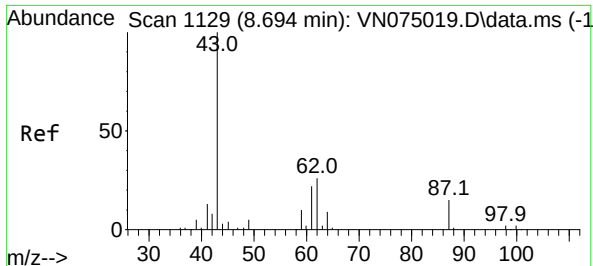


#42
1,2-Dichloroethane
Concen: 50.232 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45



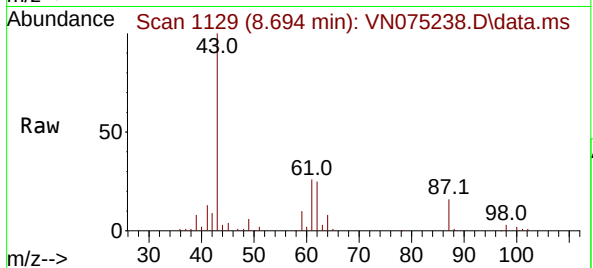
Tgt Ion: 62	Resp: 109828
Ion Ratio	Lower Upper
62	100
98	10.1 0.0 18.2





#43
Isopropyl Acetate
Concen: 49.769 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

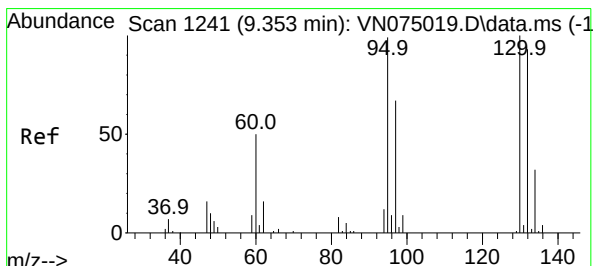
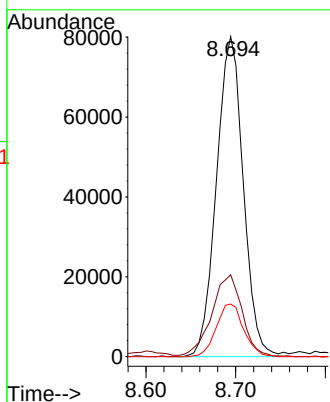
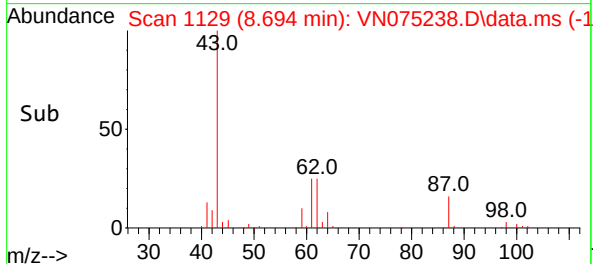
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



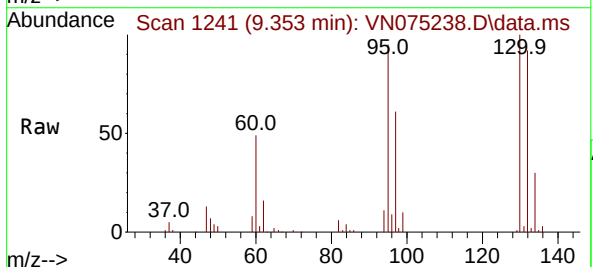
Tgt Ion: 43 Resp: 166170
Ion Ratio Lower Upper
43 100
61 29.2 22.4 33.6
87 16.8 12.5 18.7

Manual Integrations
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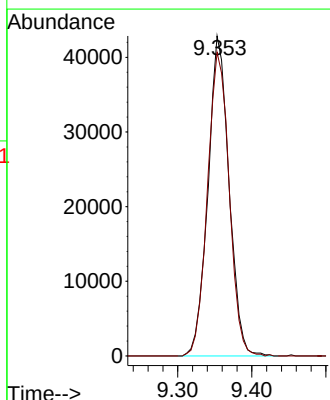
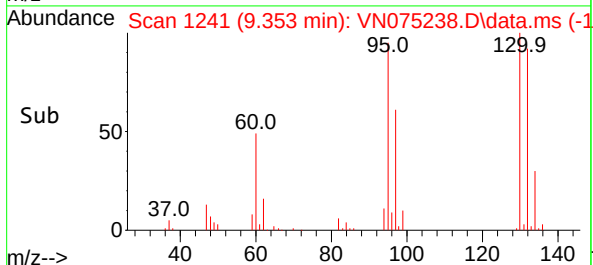
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

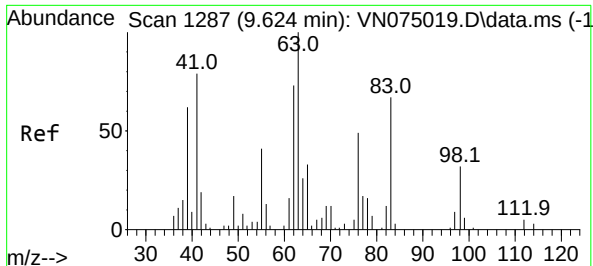


#44
Trichloroethene
Concen: 56.173 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45



Tgt Ion:130 Resp: 84695
Ion Ratio Lower Upper
130 100
95 94.9 0.0 198.4





#45

1,2-Dichloropropane

Concen: 53.994 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075238.D

Acq: 11 Nov 2022 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 7722

Ion Ratio Lower Upper

63 100

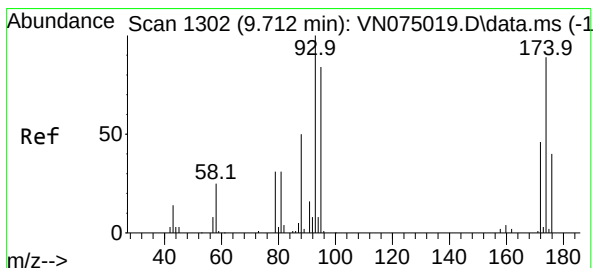
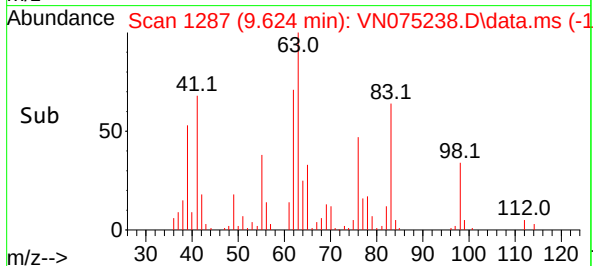
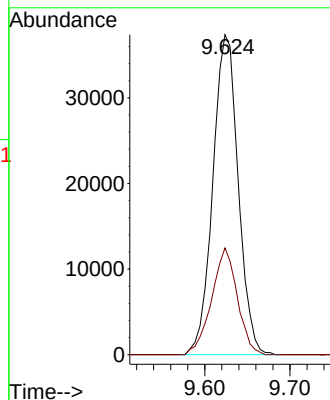
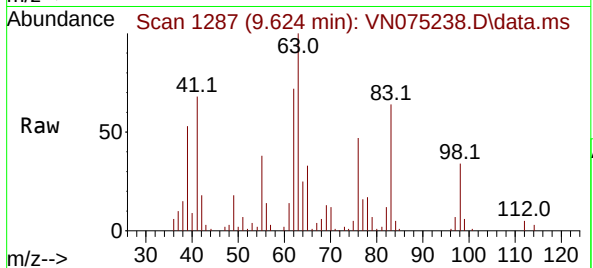
65 33.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#46

Dibromomethane

Concen: 53.021 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075238.D

Acq: 11 Nov 2022 10:45

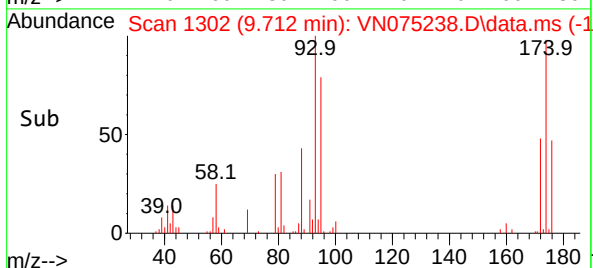
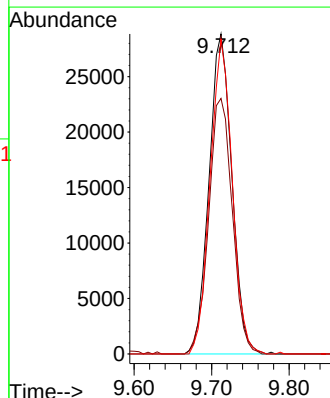
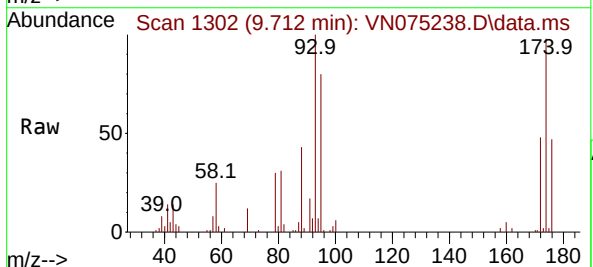
Tgt Ion: 93 Resp: 59078

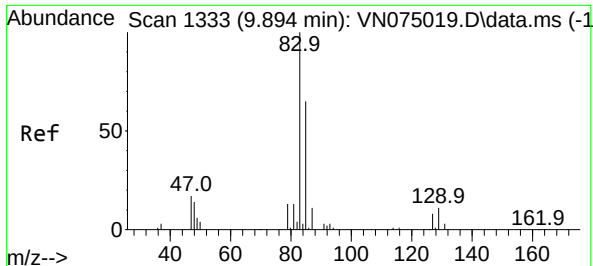
Ion Ratio Lower Upper

93 100

95 82.6 66.6 99.8

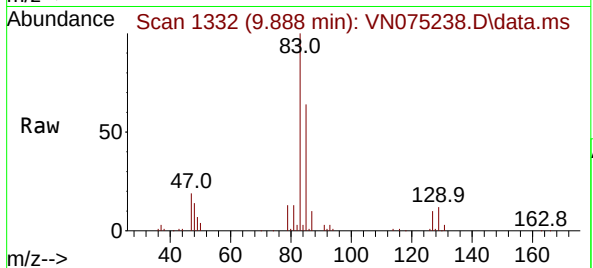
174 95.0 70.3 105.5





#47
Bromodichloromethane
Concen: 52.203 ug/l
RT: 9.888 min Scan# 11264
Delta R.T. -0.006 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

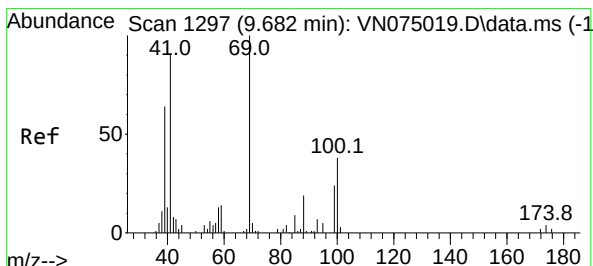
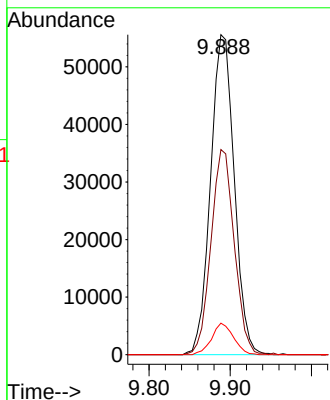
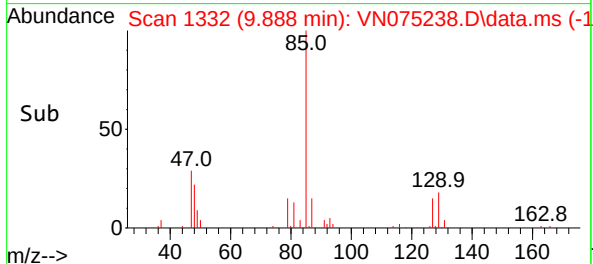
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 11264
Ion Ratio Lower Upper
83 100
85 64.1 52.1 78.1
127 9.9 6.6 10.0

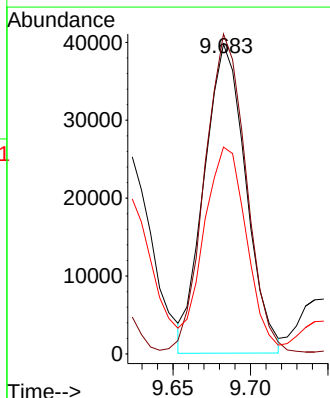
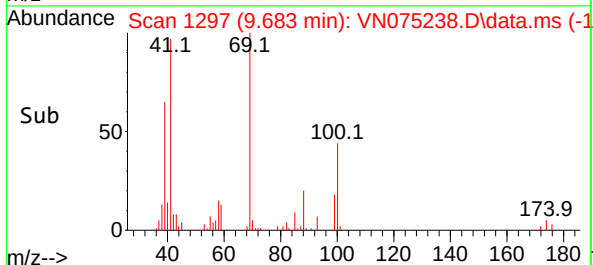
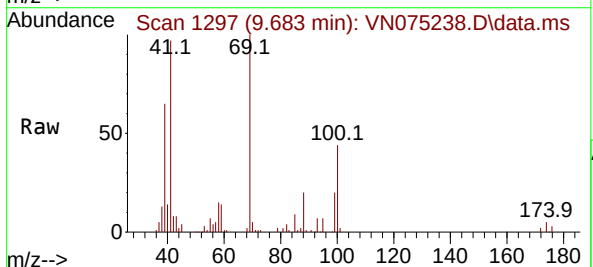
Manual Integrations
APPROVED

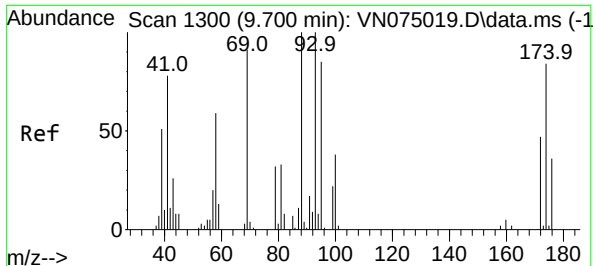
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#48
Methyl methacrylate
Concen: 48.397 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. 0.001 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

Tgt Ion: 41 Resp: 74124
Ion Ratio Lower Upper
41 100
69 104.0 80.2 120.2
39 69.2 56.2 84.2





#49

1,4-Dioxane

Concen: 1061.265 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075238.D

Acq: 11 Nov 2022 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 4256

Ion Ratio Lower Upper

88 100

43 21.1 17.5 26.3

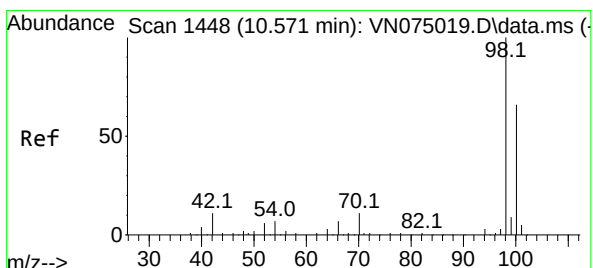
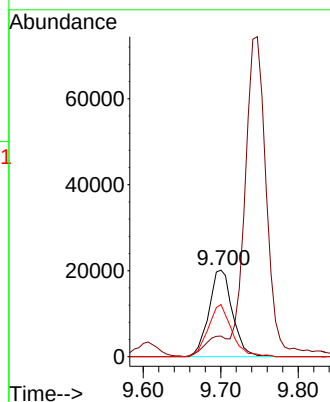
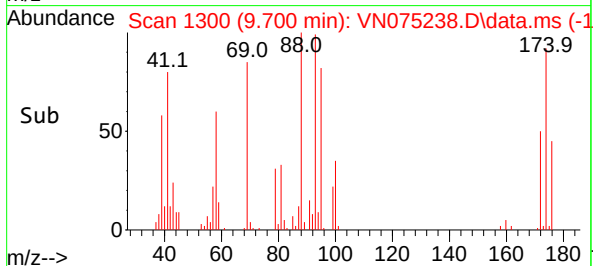
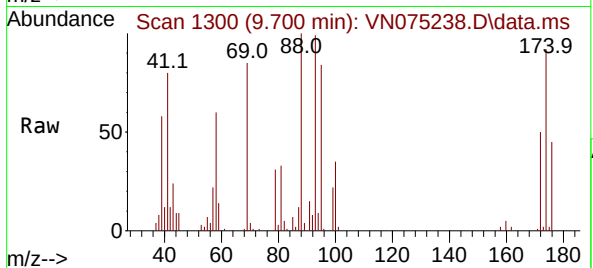
58 60.3 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#50

Toluene-d8

Concen: 49.323 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075238.D

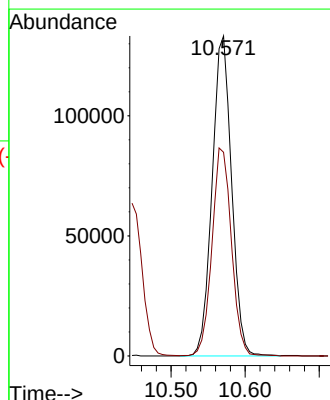
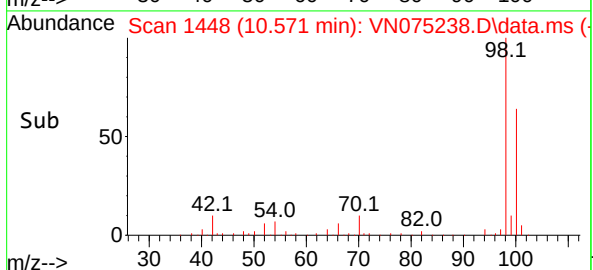
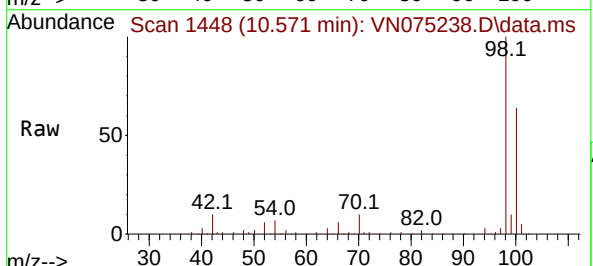
Acq: 11 Nov 2022 10:45

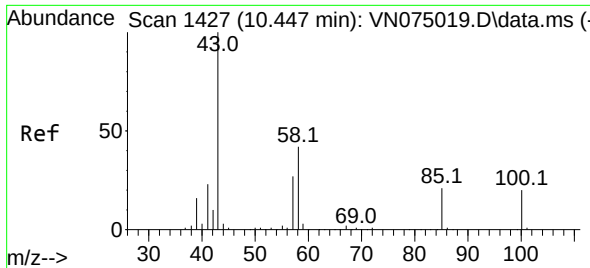
Tgt Ion: 98 Resp: 242602

Ion Ratio Lower Upper

98 100

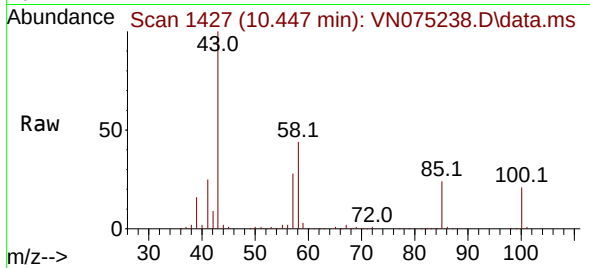
100 65.2 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 251.637 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

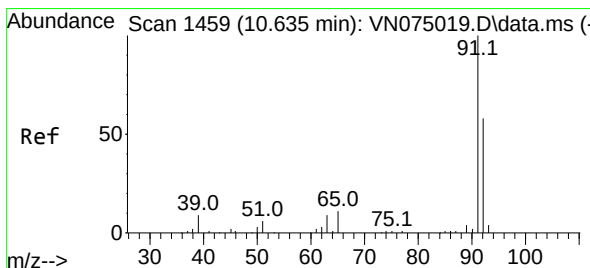
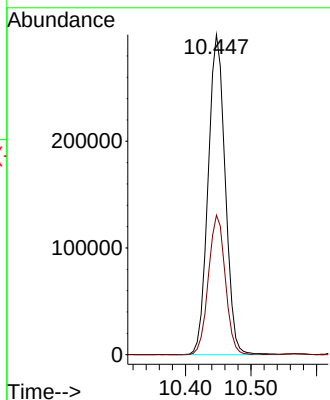
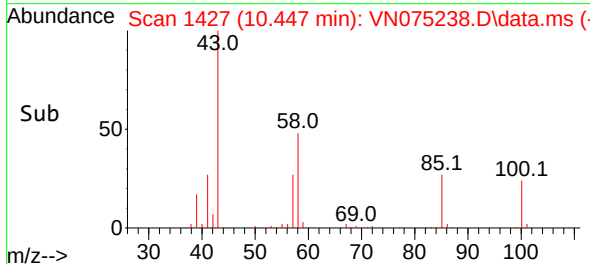
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



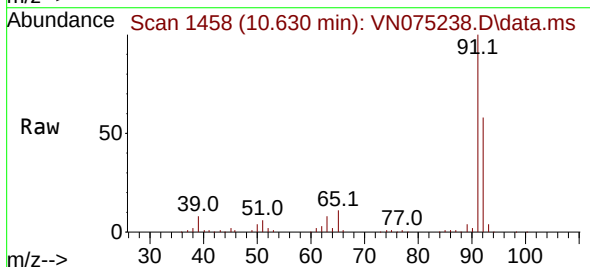
Tgt Ion: 43 Resp: 542160
Ion Ratio Lower Upper
43 100
58 43.2 33.6 50.4

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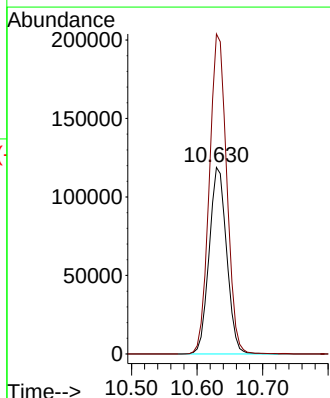
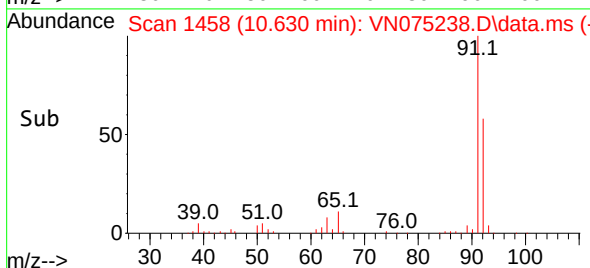
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

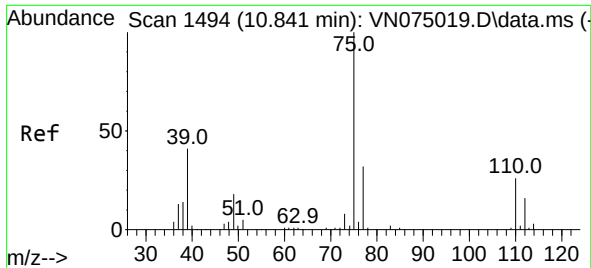


#52
Toluene
Concen: 54.790 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.005 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45



Tgt Ion: 92 Resp: 220105
Ion Ratio Lower Upper
92 100
91 170.6 135.4 203.2





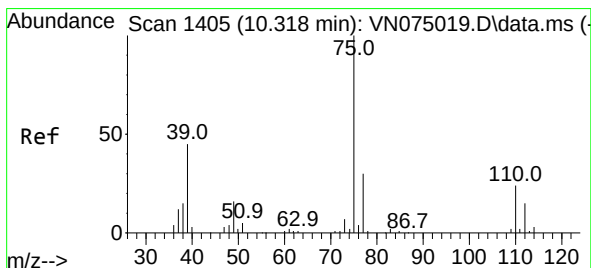
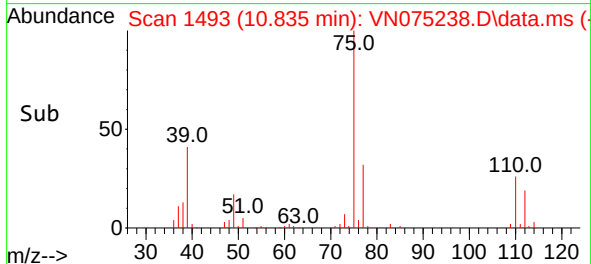
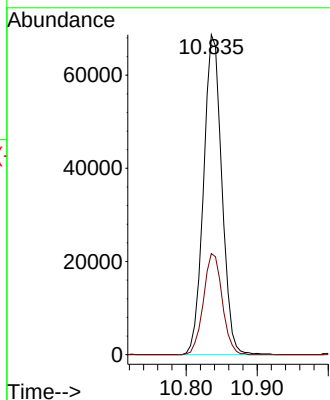
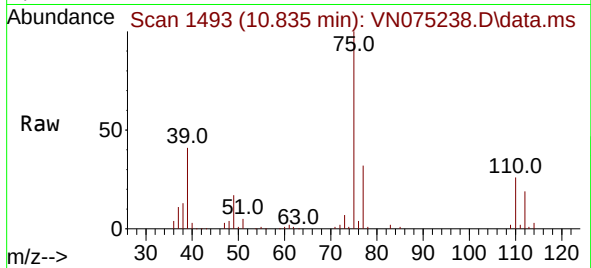
#53
 t-1,3-Dichloropropene
 Concen: 53.920 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.006 min
 Lab File: VN075238.D
 Acq: 11 Nov 2022 10:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 122804
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.2

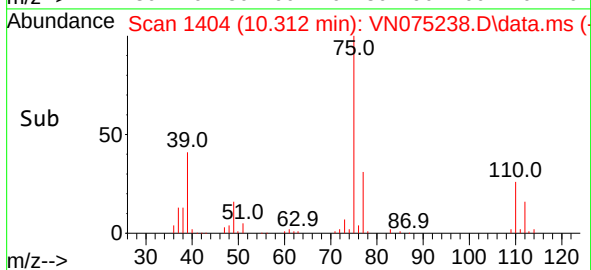
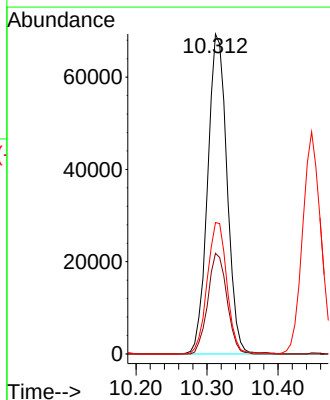
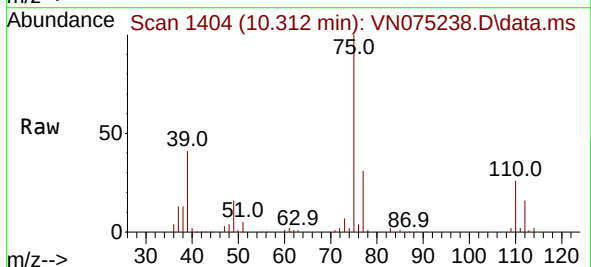
Manual Integrations
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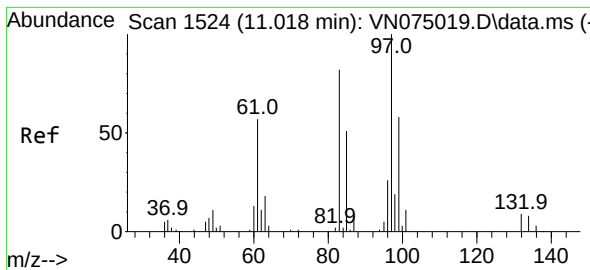
Reviewed By :John Carlone 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022



#54
 cis-1,3-Dichloropropene
 Concen: 54.345 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.006 min
 Lab File: VN075238.D
 Acq: 11 Nov 2022 10:45

Tgt Ion: 75 Resp: 131278
 Ion Ratio Lower Upper
 75 100
 77 31.4 23.7 35.5
 39 41.0 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 53.805 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

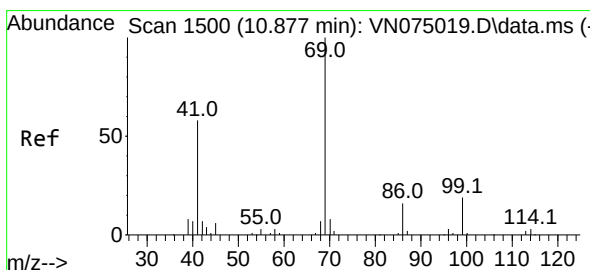
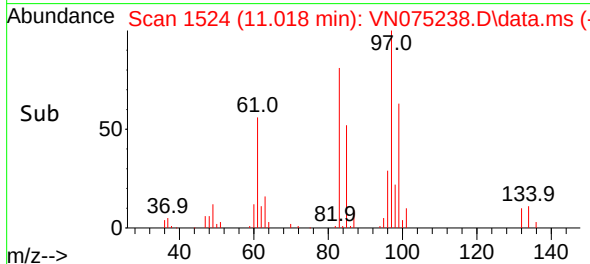
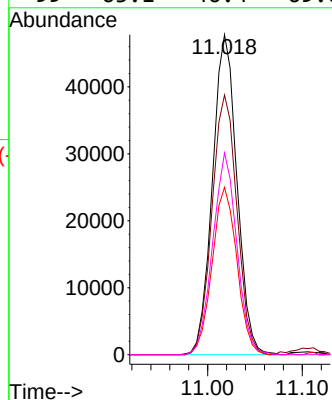
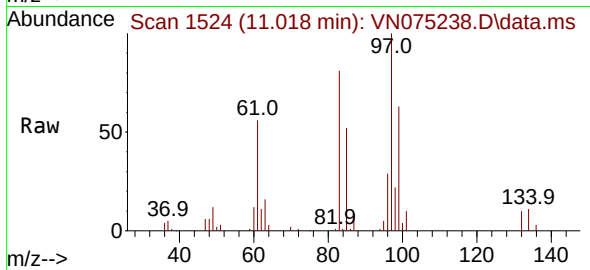
Tgt Ion: 97 Resp: 85700
Ion Ratio Lower Upper
97 100
83 81.1 65.9 98.9
85 52.3 40.4 60.6
99 63.1 46.4 69.6

Manual Integrations

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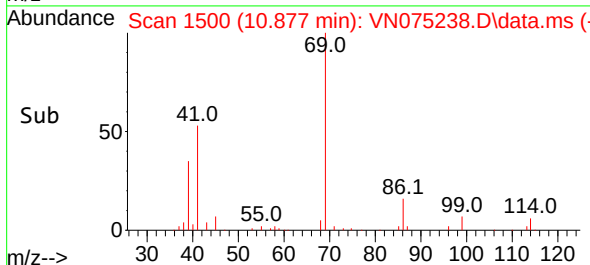
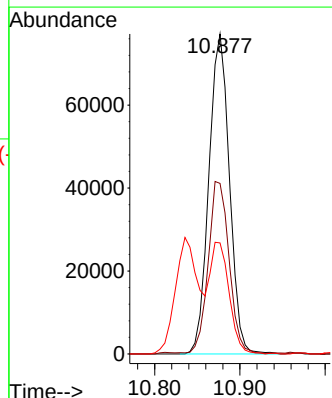
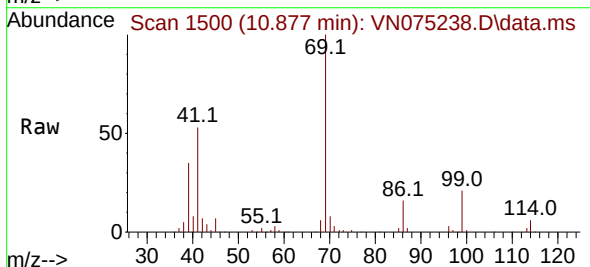
Reviewed By :John Carlone 11/14/2022

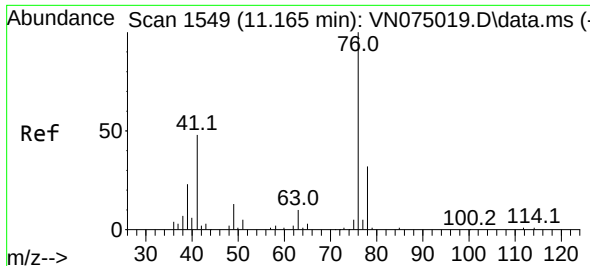
Supervised By :Mahesh Dadoda 11/14/2022



#56
Ethyl methacrylate
Concen: 53.265 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

Tgt Ion: 69 Resp: 129420
Ion Ratio Lower Upper
69 100
41 54.2 45.6 68.4
39 32.4 28.5 42.7





#57

1,3-Dichloropropane

Concen: 53.284 ug/l

RT: 11.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075238.D

Acq: 11 Nov 2022 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 141340

Ion Ratio Lower Upper

76 100

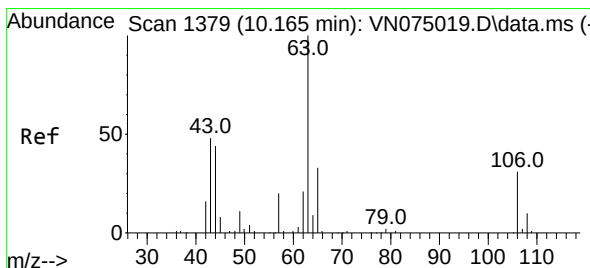
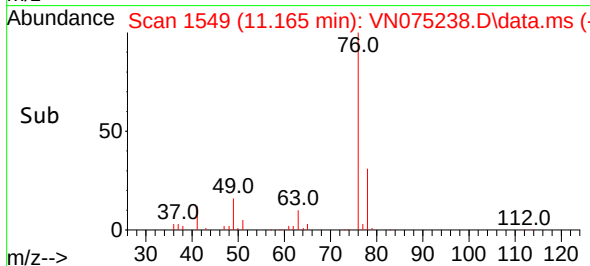
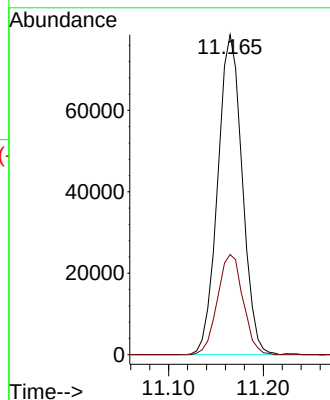
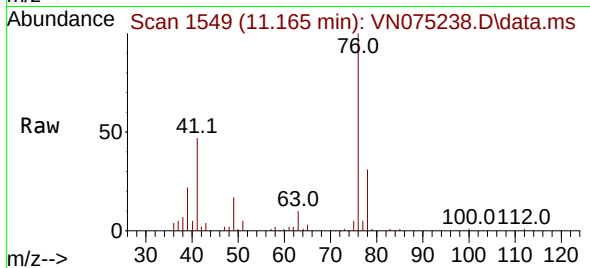
78 32.6 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 254.364 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075238.D

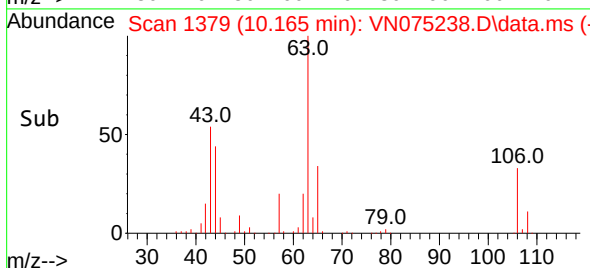
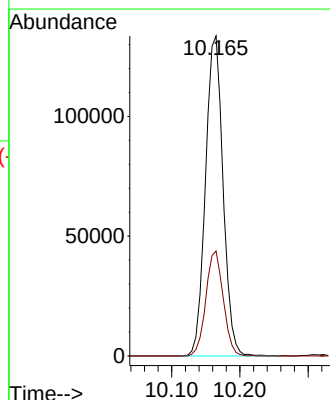
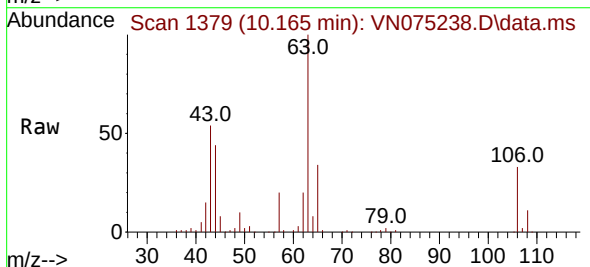
Acq: 11 Nov 2022 10:45

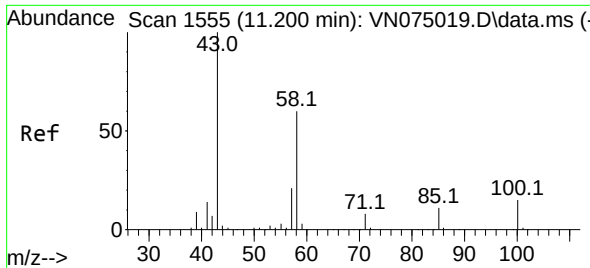
Tgt Ion: 63 Resp: 238932

Ion Ratio Lower Upper

63 100

106 32.5 24.8 37.2





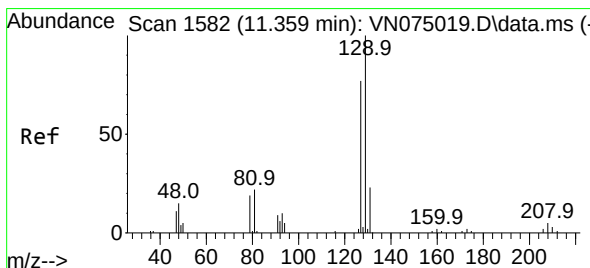
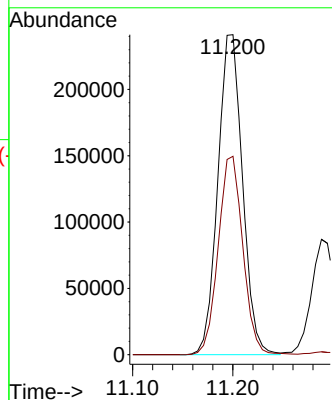
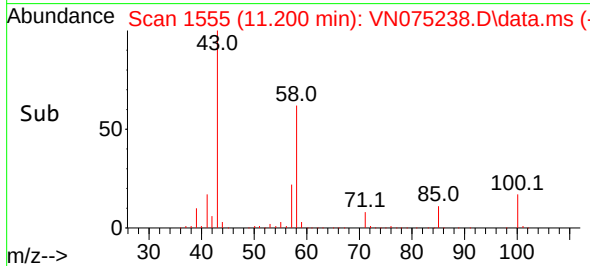
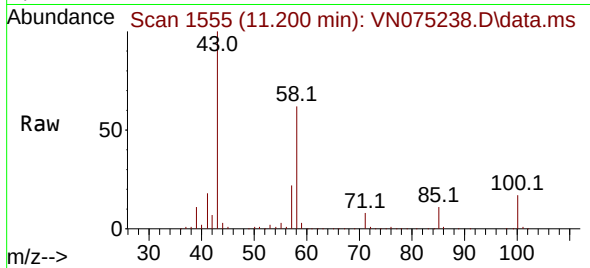
#59
2-Hexanone
Concen: 252.262 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 412508
Ion Ratio Lower Upper
43 100
58 61.8 29.6 88.8

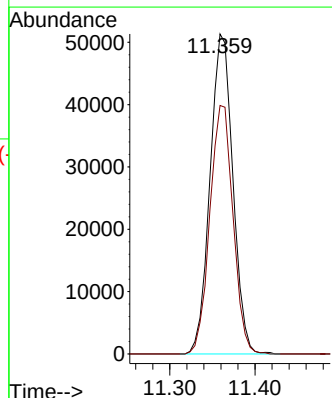
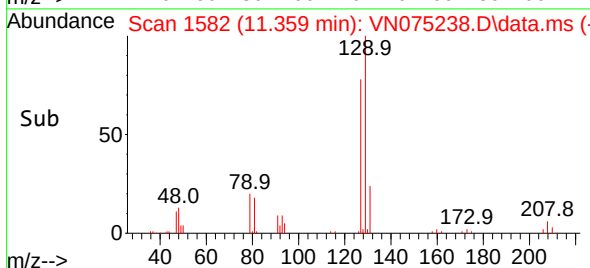
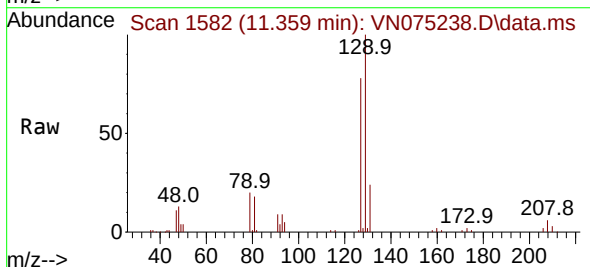
Manual Integrations
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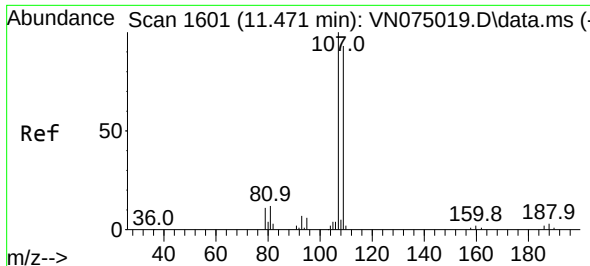
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#60
Dibromochloromethane
Concen: 56.776 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

Tgt Ion:129 Resp: 95415
Ion Ratio Lower Upper
129 100
127 78.9 38.6 115.8





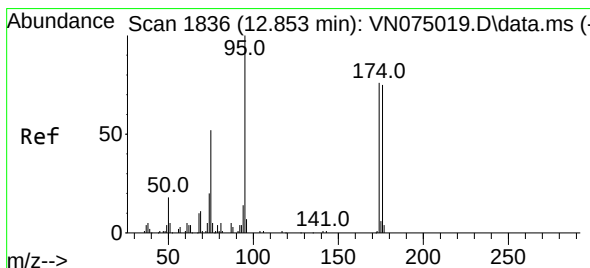
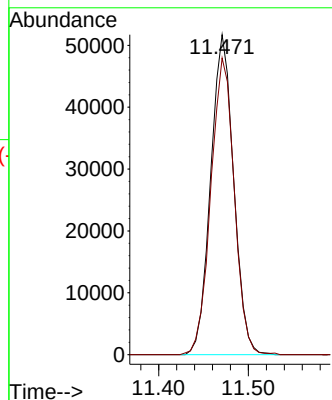
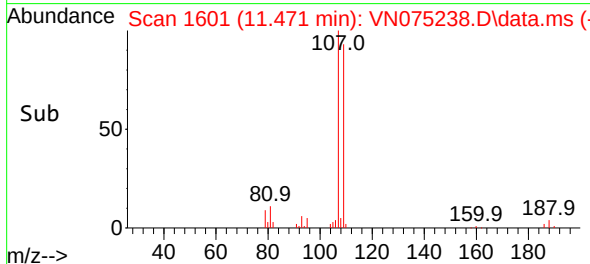
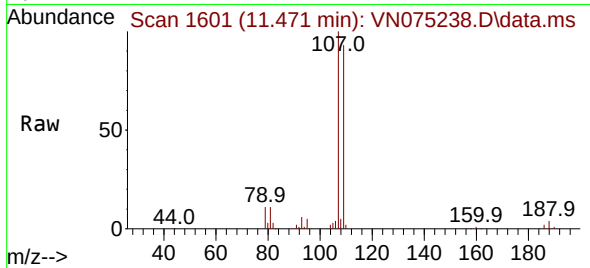
#61
1,2-Dibromoethane
Concen: 56.305 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 9191
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4

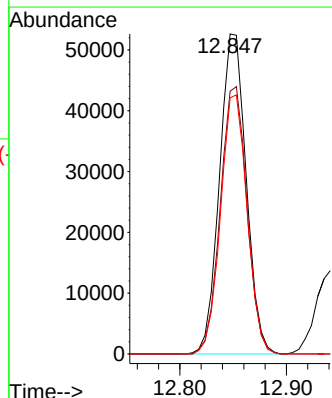
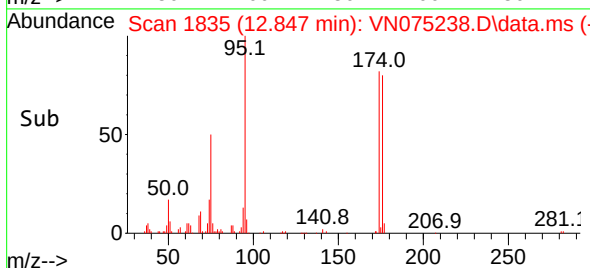
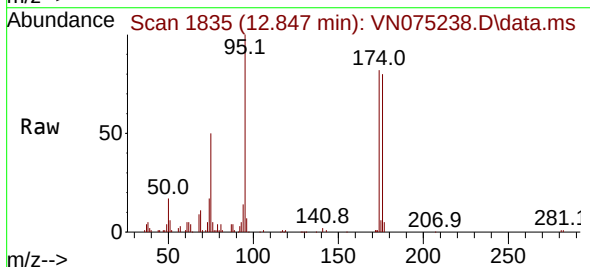
Manual Integrations
APPROVED

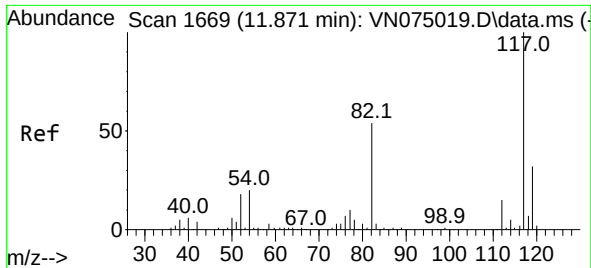
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#62
4-Bromofluorobenzene
Concen: 52.995 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

Tgt Ion: 95 Resp: 91566
Ion Ratio Lower Upper
95 100
174 83.5 0.0 147.4
176 80.3 0.0 142.2





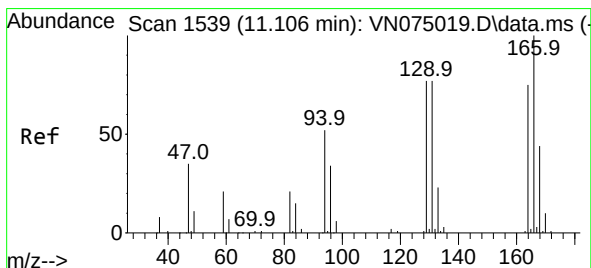
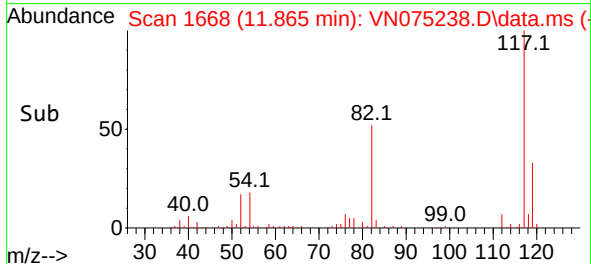
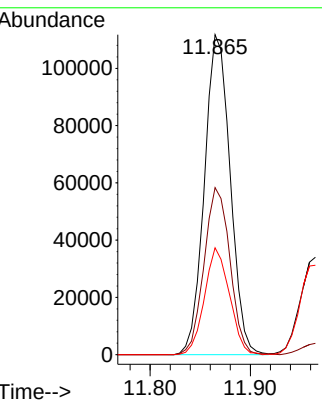
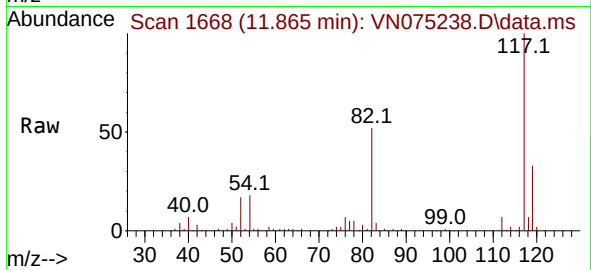
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 199470
Ion Ratio Lower Upper
117 100
82 52.2 43.1 64.7
119 33.4 25.5 38.3

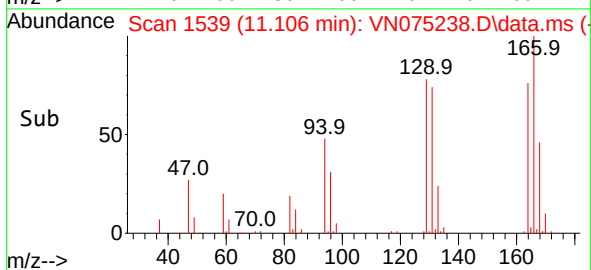
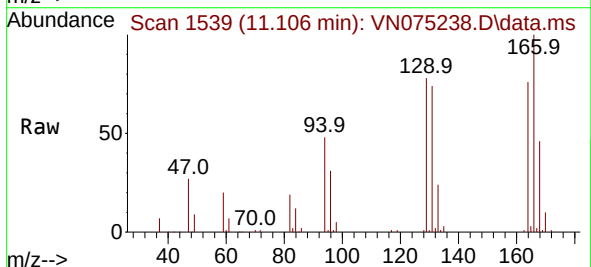
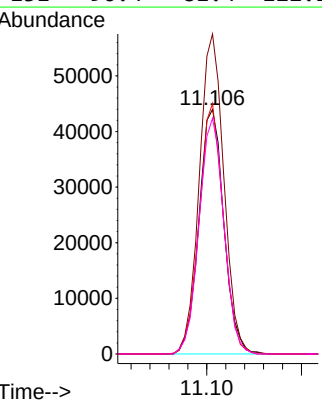
Manual Integrations
APPROVED

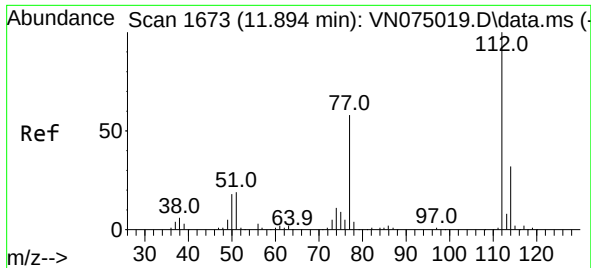
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#64
Tetrachloroethene
Concen: 65.549 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

Tgt Ion:164 Resp: 80161
Ion Ratio Lower Upper
164 100
166 130.9 106.5 159.7
129 102.5 81.9 122.9
131 96.4 81.4 122.2





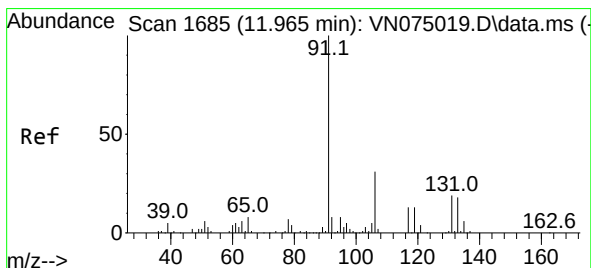
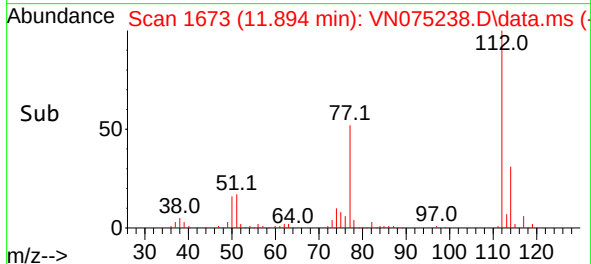
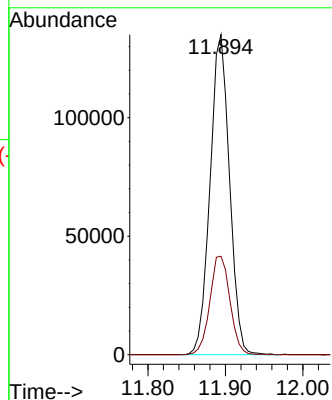
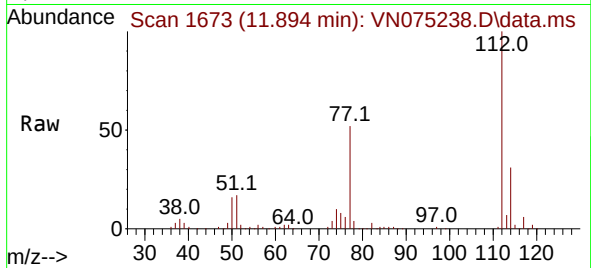
#65
Chlorobenzene
Concen: 55.332 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 23558
Ion Ratio Lower Upper
112 100
114 30.8 25.4 38.2

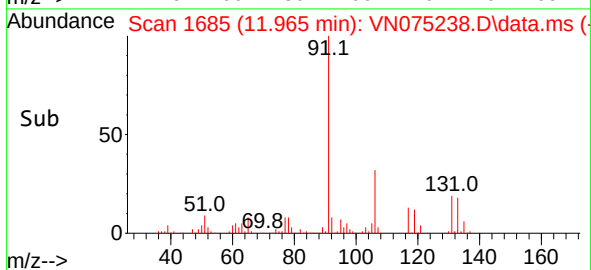
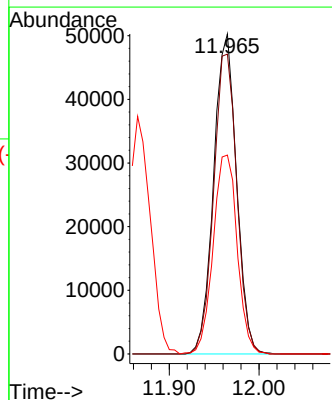
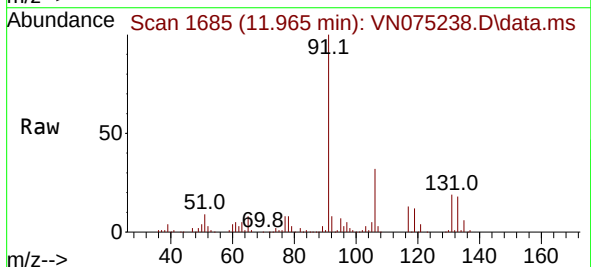
Manual Integrations
APPROVED

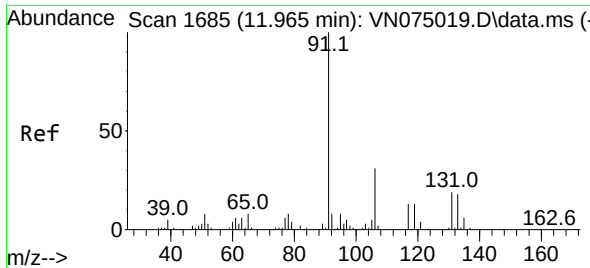
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 56.317 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

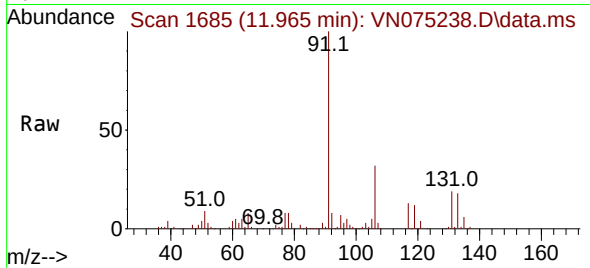
Tgt Ion:131 Resp: 88950
Ion Ratio Lower Upper
131 100
133 95.2 47.8 143.4
119 65.2 33.0 99.0





#67
Ethyl Benzene
Concen: 55.137 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

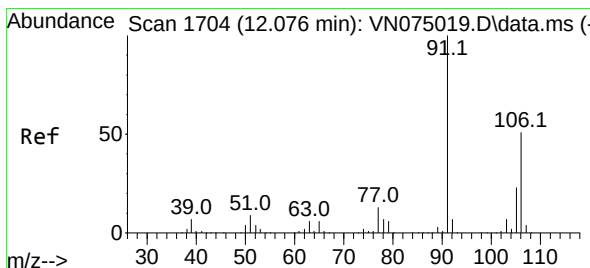
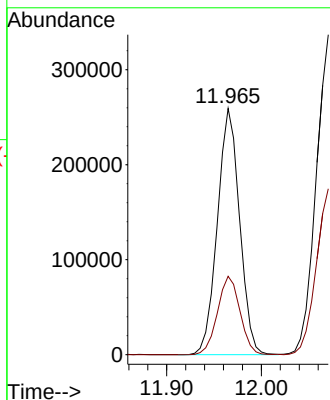
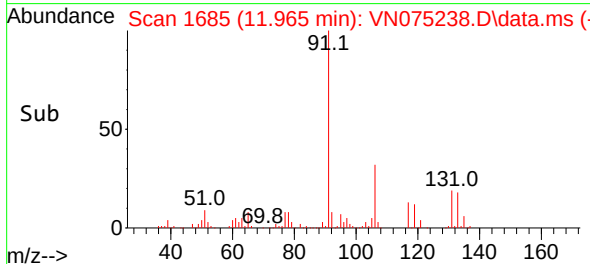
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



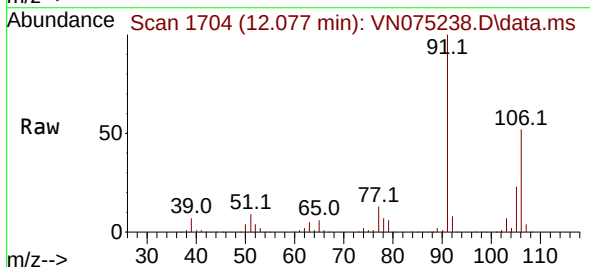
Tgt Ion: 91 Resp: 422362
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3

Manual Integrations
APPROVED

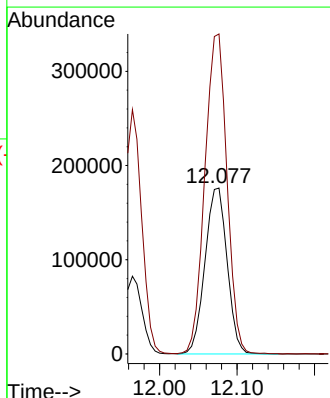
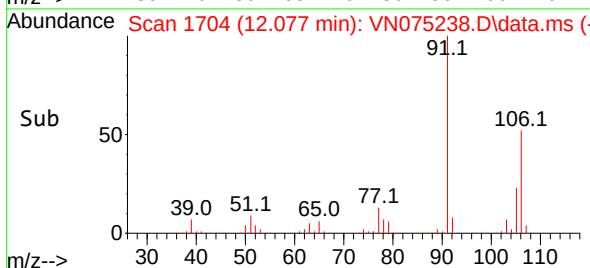
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

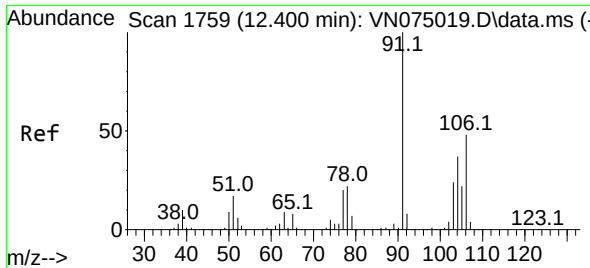


#68
m/p-Xylenes
Concen: 113.697 ug/l
RT: 12.077 min Scan# 1704
Delta R.T. 0.001 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45



Tgt Ion:106 Resp: 349466
Ion Ratio Lower Upper
106 100
91 192.8 156.0 234.0





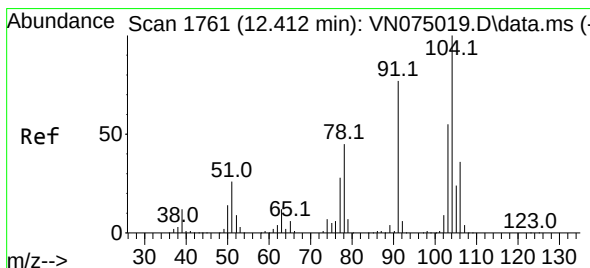
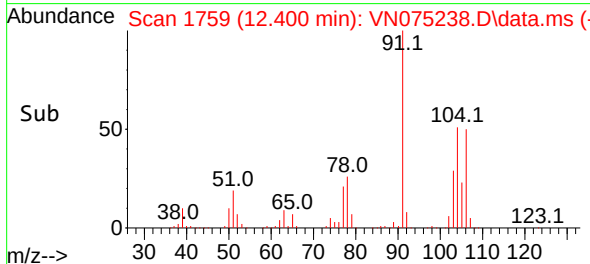
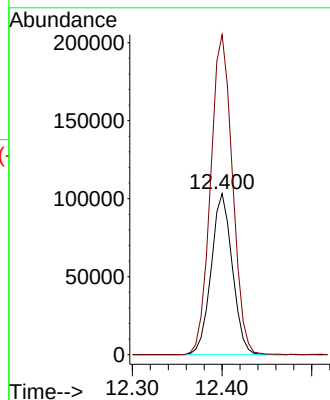
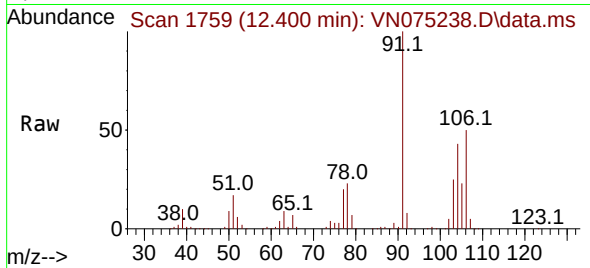
#69
o-Xylene
Concen: 55.463 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 168589
Ion Ratio Lower Upper
106 100
91 206.1 105.2 315.5

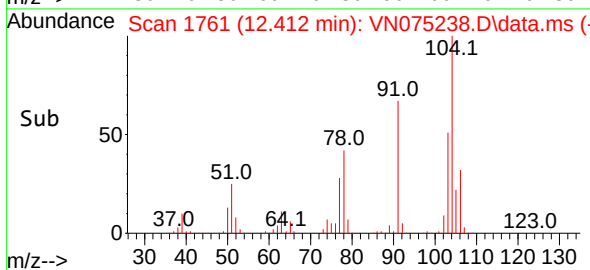
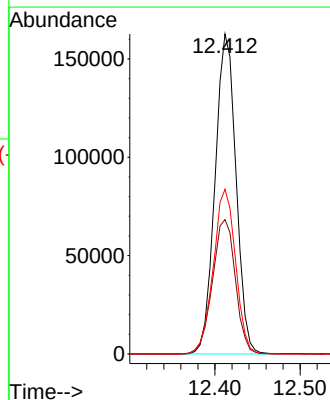
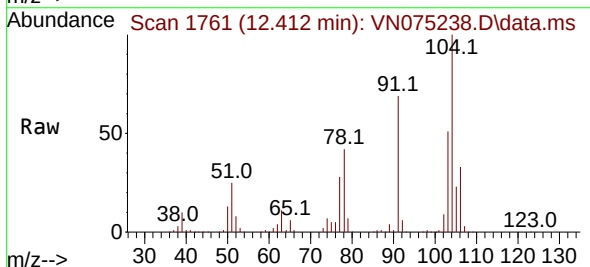
Manual Integrations
APPROVED

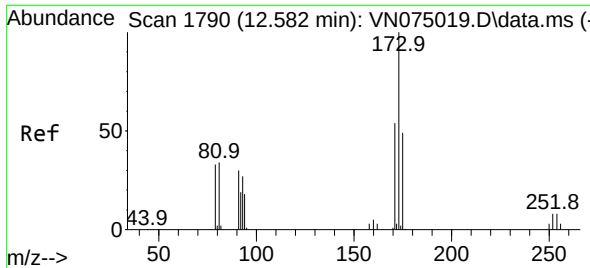
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#70
Styrene
Concen: 57.477 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

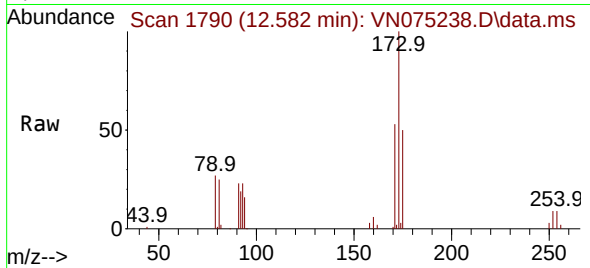
Tgt Ion:104 Resp: 278579
Ion Ratio Lower Upper
104 100
78 45.9 38.1 57.1
103 54.5 44.6 66.8





#71
Bromoform
Concen: 60.333 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

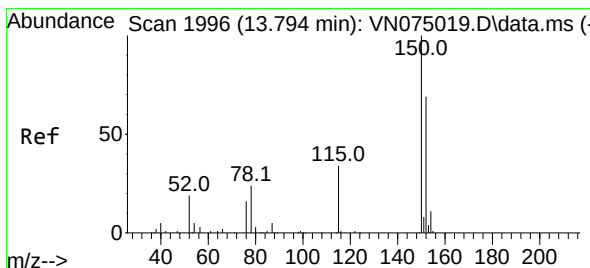
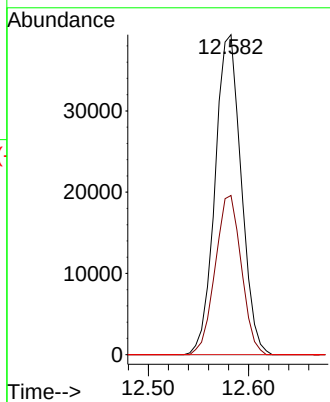
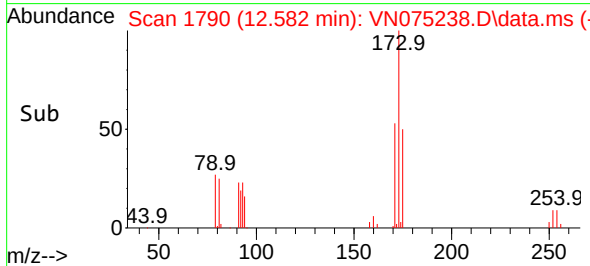
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



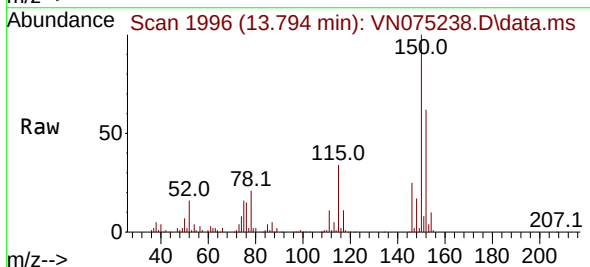
Tgt Ion:173 Resp: 71340
Ion Ratio Lower Upper
173 100
175 49.7 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

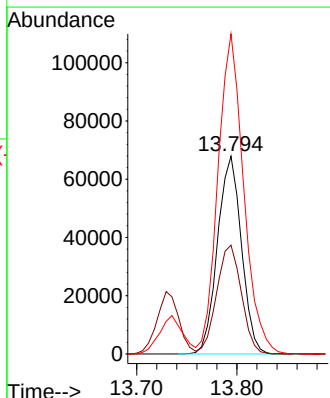
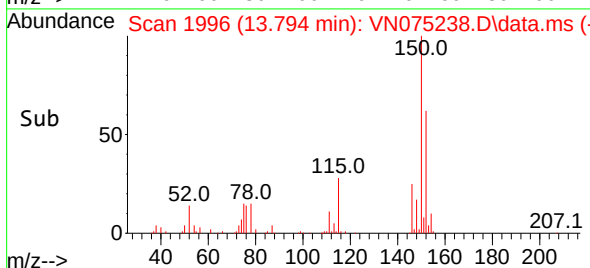
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

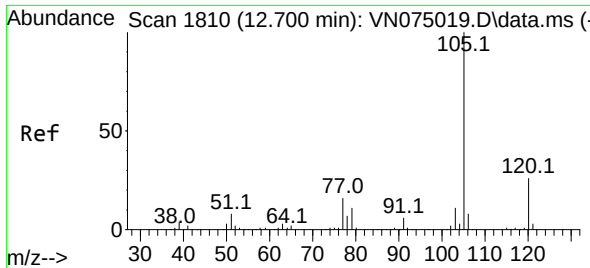


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45



Tgt Ion:152 Resp: 112564
Ion Ratio Lower Upper
152 100
115 56.9 30.2 90.6
150 173.8 0.0 348.4





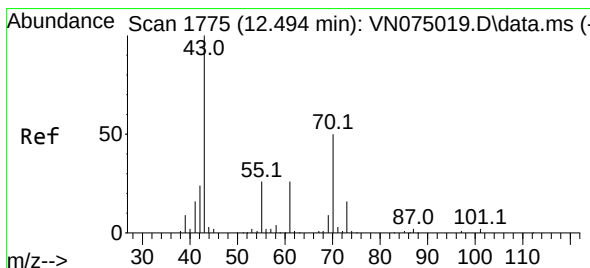
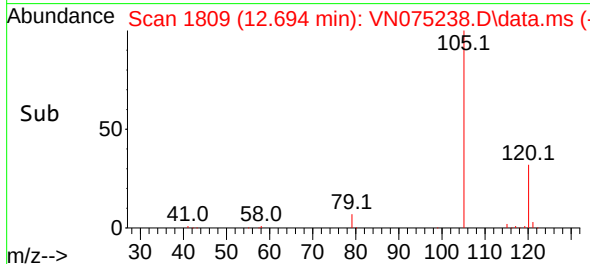
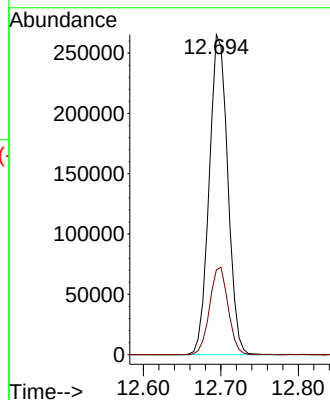
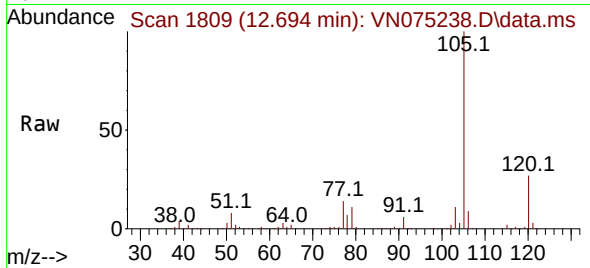
#73
Isopropylbenzene
Concen: 48.919 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 442070
Ion Ratio Lower Upper
105 100
120 27.2 13.1 39.1

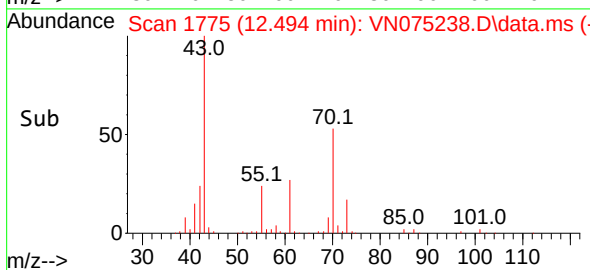
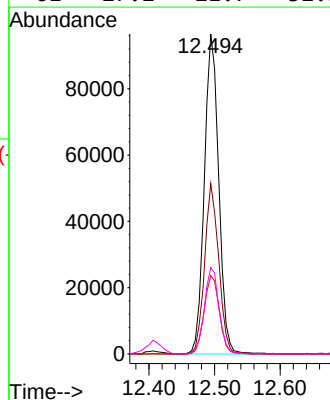
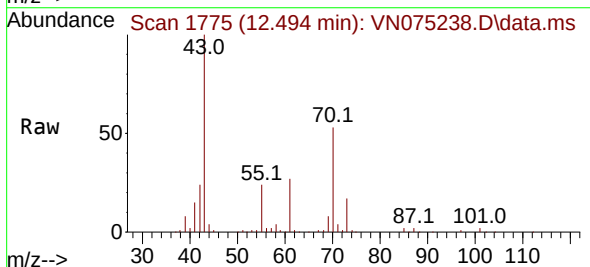
Manual Integrations
APPROVED

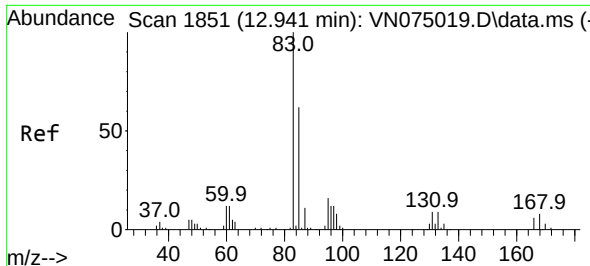
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#74
N-ethyl acetate
Concen: 44.103 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

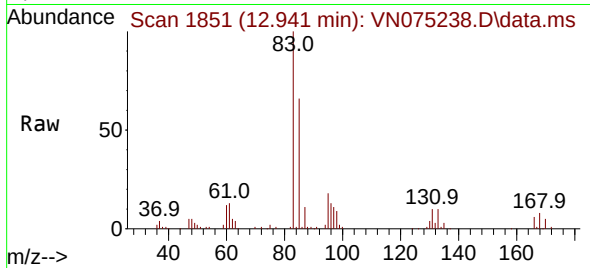
Tgt Ion: 43 Resp: 147404
Ion Ratio Lower Upper
43 100
70 52.3 39.8 59.8
55 26.0 19.9 29.9
61 27.2 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 51.027 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

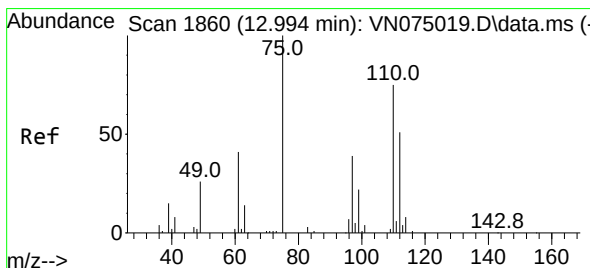
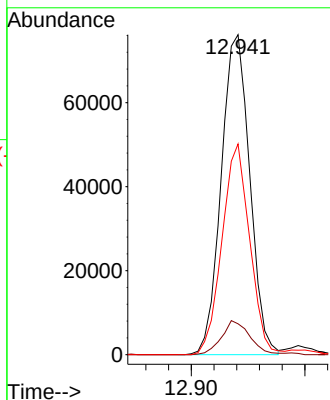
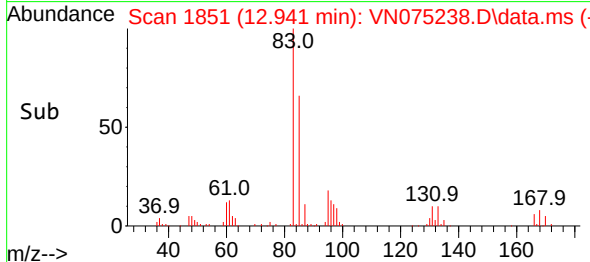
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 133068
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.3
85 63.9 31.6 94.7

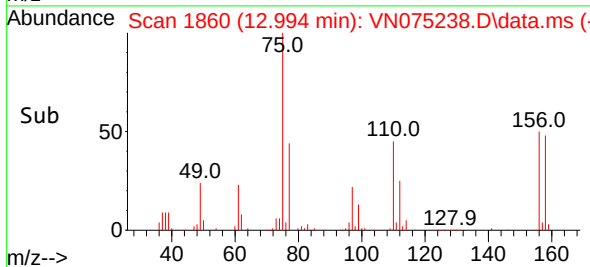
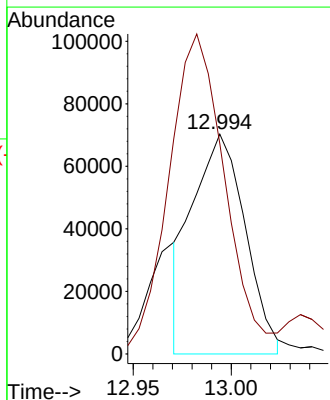
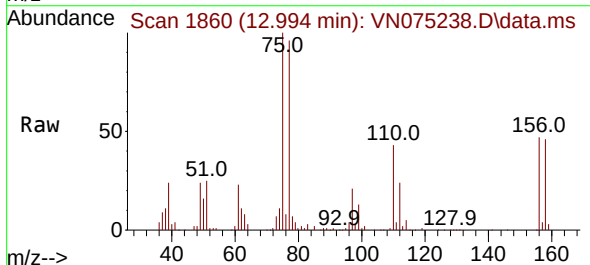
Manual Integrations
APPROVED

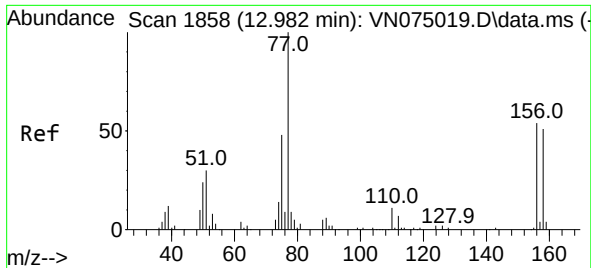
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#76
1,2,3-Trichloropropane
Concen: 55.114 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

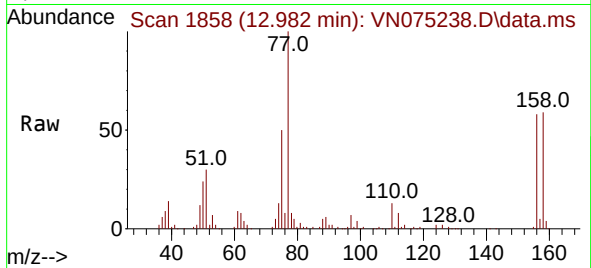
Tgt Ion: 75 Resp: 131725
Ion Ratio Lower Upper
75 100
77 153.8 75.6 226.8





#77
Bromobenzene
Concen: 51.990 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

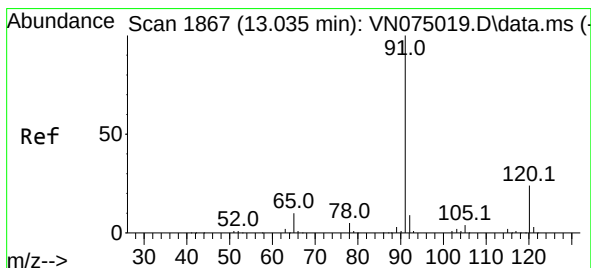
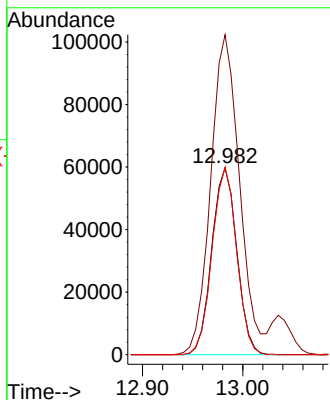
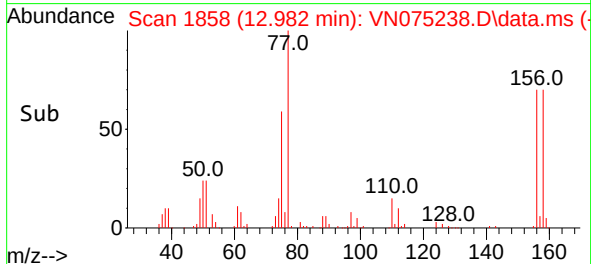
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



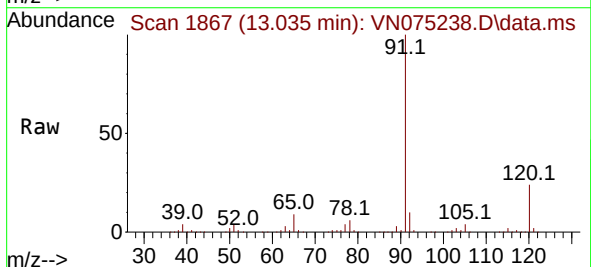
Tgt Ion:156 Resp: 103450
Ion Ratio Lower Upper
156 100
77 195.8 108.5 325.5
158 98.4 47.7 143.1

Manual Integrations
APPROVED

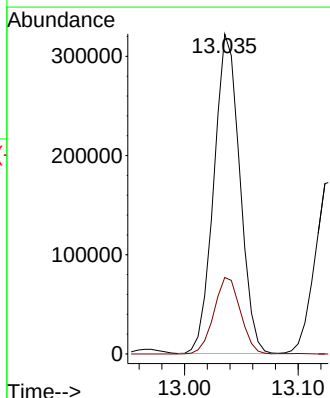
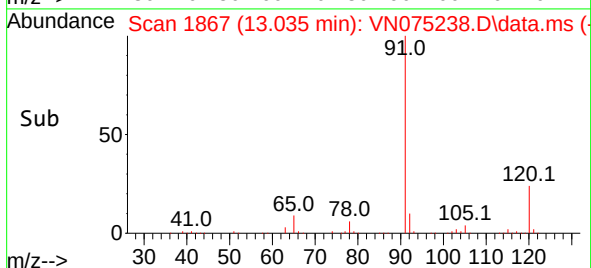
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

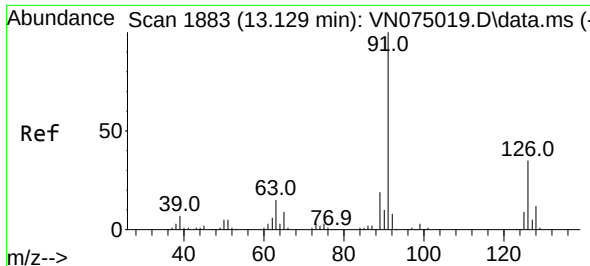


#78
n-propylbenzene
Concen: 50.358 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45



Tgt Ion: 91 Resp: 510930
Ion Ratio Lower Upper
91 100
120 24.4 11.9 35.5





#79
2-Chlorotoluene
Concen: 48.365 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

Instrument :

MSVOA_N

ClientSampleId :

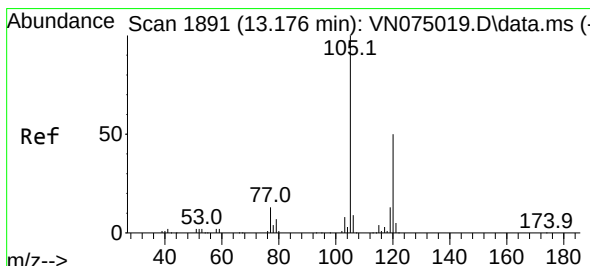
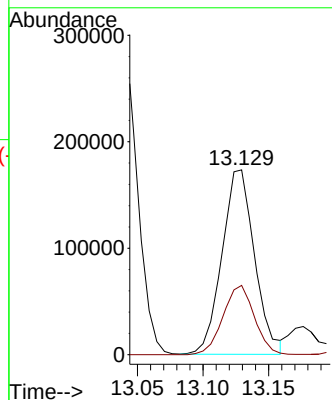
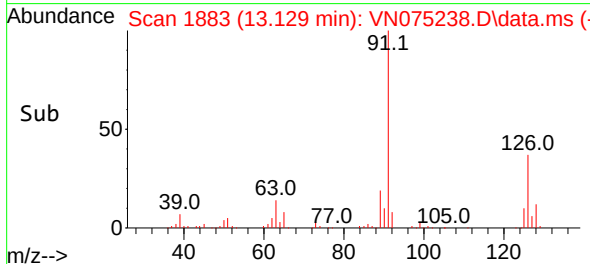
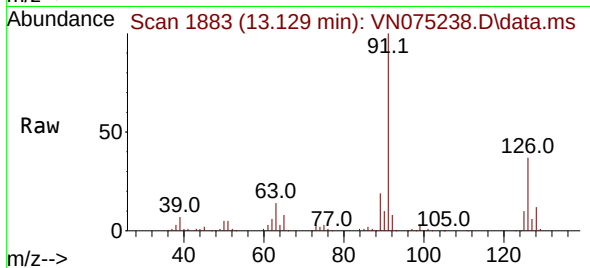
VSTDCCC050

Tgt Ion: 91 Resp: 299860
Ion Ratio Lower Upper
91 100
126 36.3 16.9 50.7

Manual Integrations

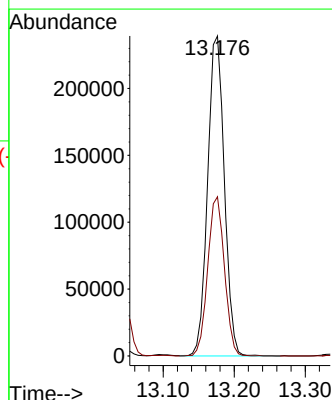
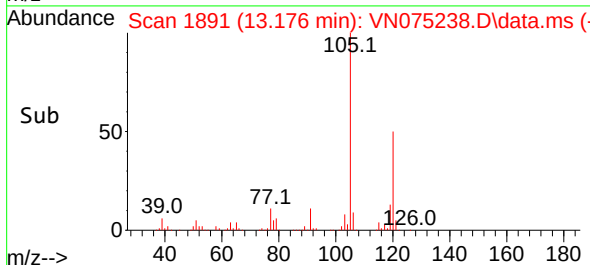
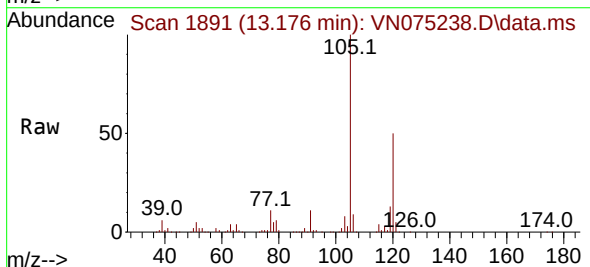
APPROVED

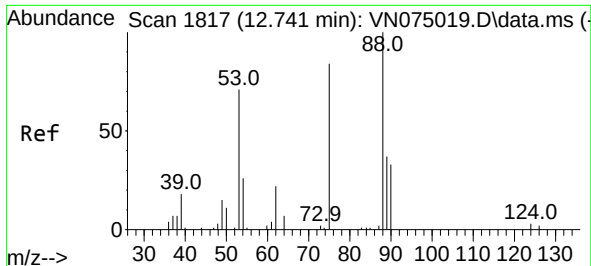
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.630 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

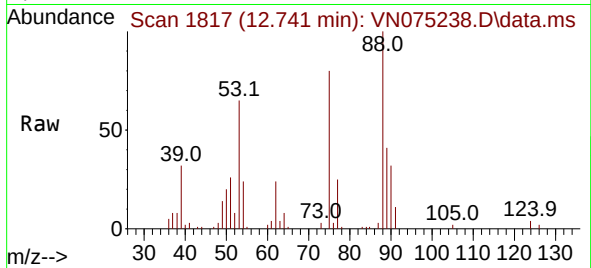
Tgt Ion:105 Resp: 391879
Ion Ratio Lower Upper
105 100
120 49.7 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 45.310 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

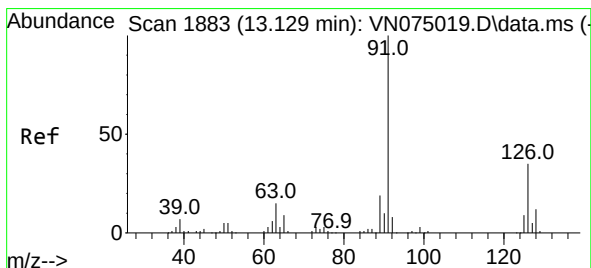
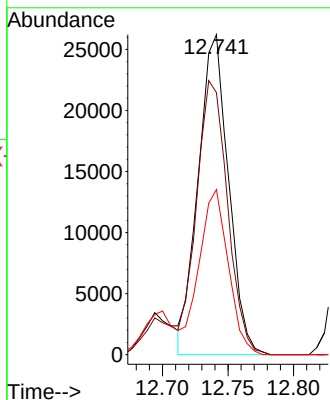
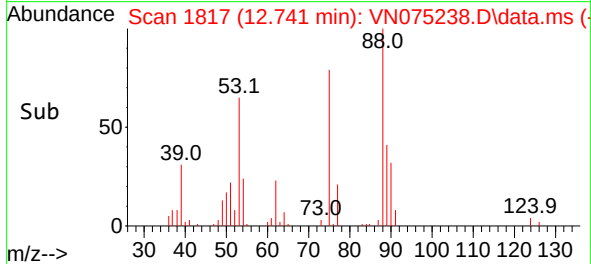
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 4218
Ion Ratio Lower Upper
75 100
53 87.8 78.5 117.7
89 50.1 37.7 56.5

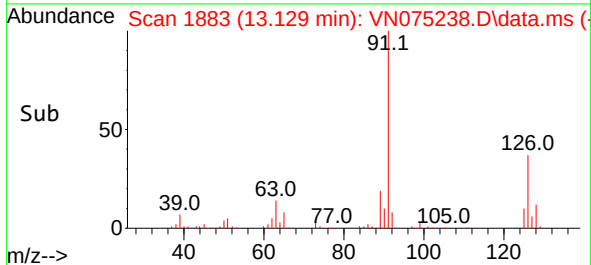
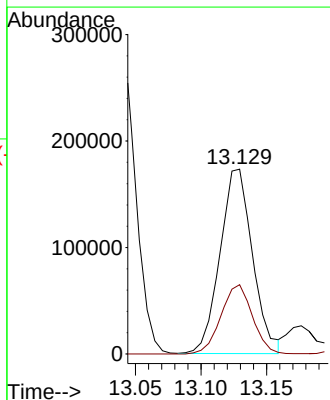
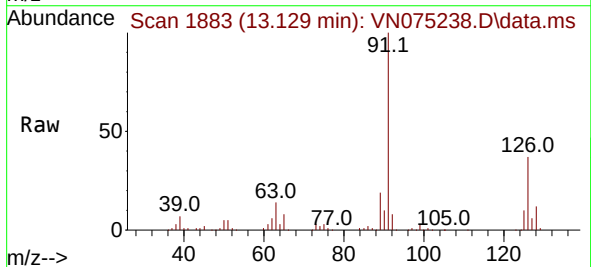
Manual Integrations
APPROVED

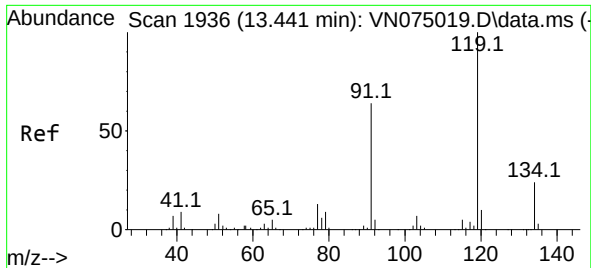
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#82
4-Chlorotoluene
Concen: 48.365 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

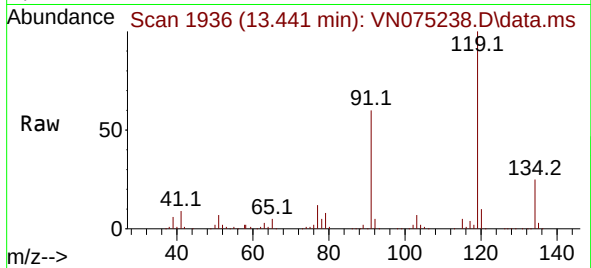
Tgt Ion: 91 Resp: 299860
Ion Ratio Lower Upper
91 100
126 36.3 16.9 50.7





#83
tert-Butylbenzene
Concen: 50.778 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

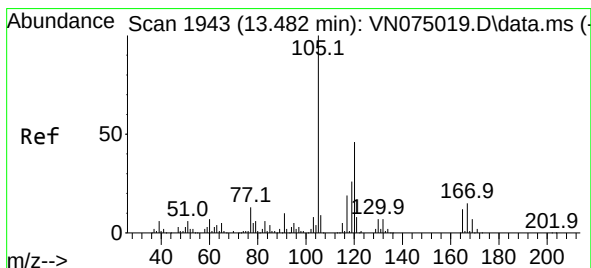
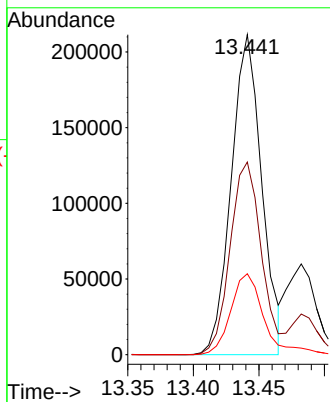
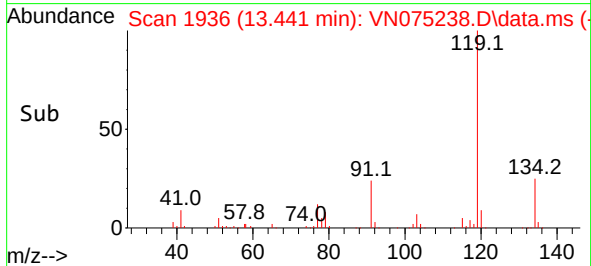
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



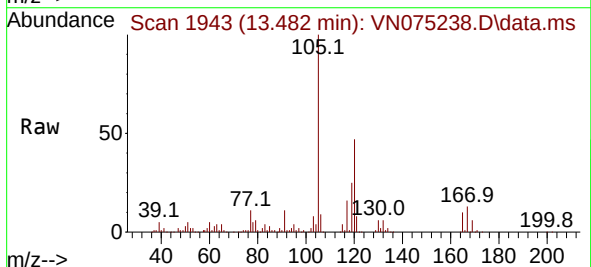
Tgt Ion:119 Resp: 342468
Ion Ratio Lower Upper
119 100
91 62.7 32.8 98.4
134 27.5 12.3 36.9

Manual Integrations
APPROVED

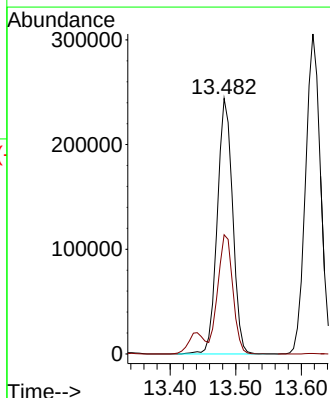
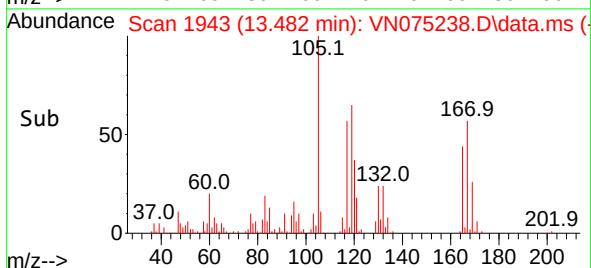
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

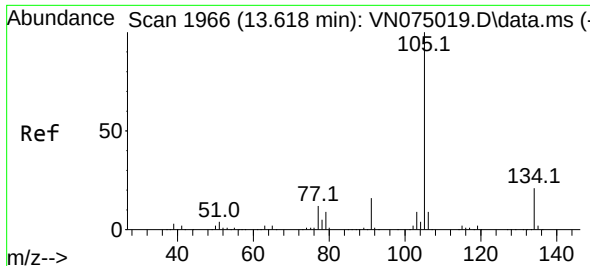


#84
1,2,4-Trimethylbenzene
Concen: 51.307 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45



Tgt Ion:105 Resp: 394015
Ion Ratio Lower Upper
105 100
120 45.6 22.7 68.1





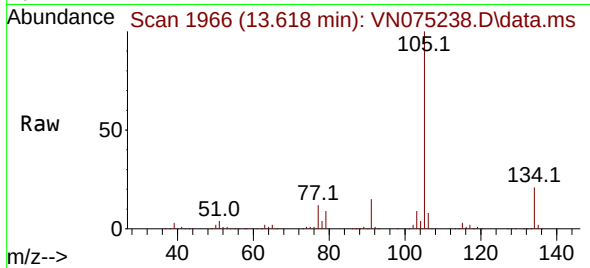
#85
 sec-Butylbenzene
 Concen: 51.317 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075238.D
 Acq: 11 Nov 2022 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

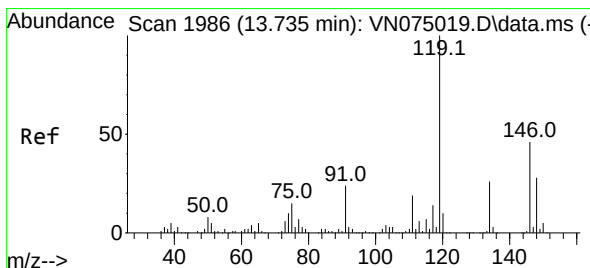
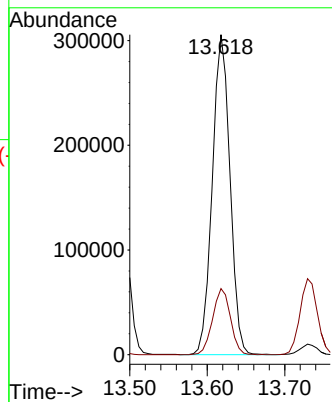
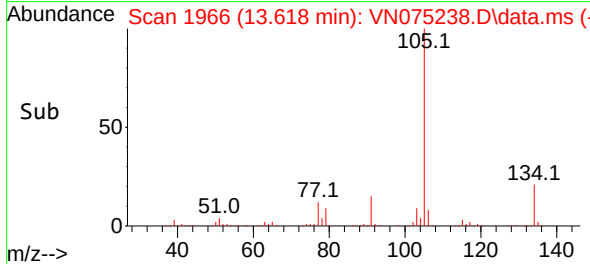


Tgt Ion:105 Resp: 484168
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.6

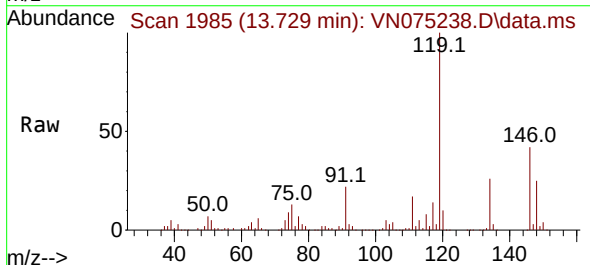
Manual Integrations

APPROVED

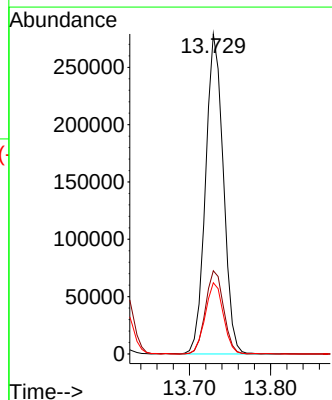
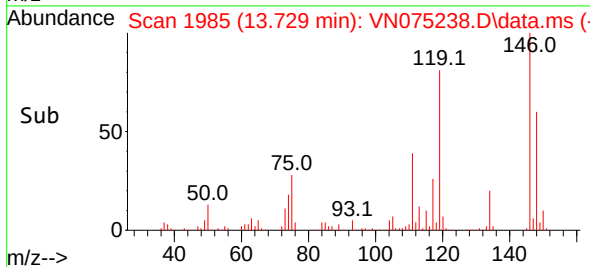
Reviewed By :John Carlone 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022

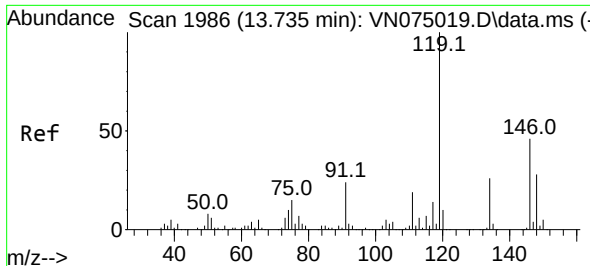


#86
 p-Isopropyltoluene
 Concen: 54.307 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075238.D
 Acq: 11 Nov 2022 10:45



Tgt Ion:119 Resp: 423159
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 22.8 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 54.701 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075238.D

Acq: 11 Nov 2022 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 21311

Ion Ratio Lower Upper

146 100

111 39.1 20.8 62.5

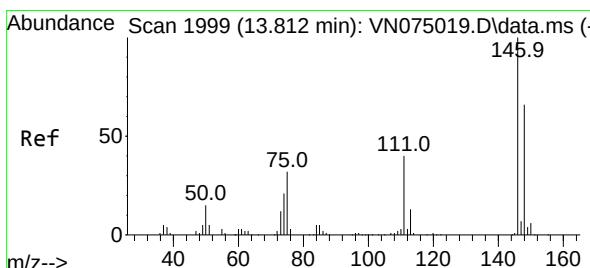
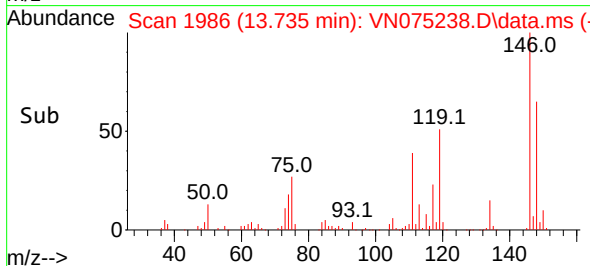
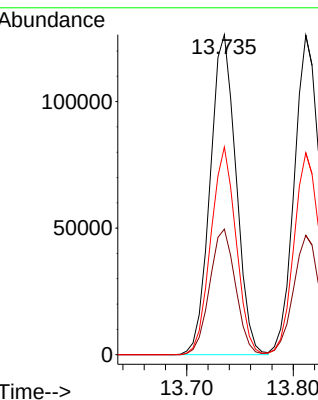
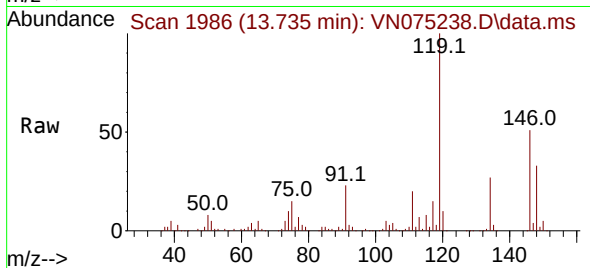
148 63.1 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carbone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#88

1,4-Dichlorobenzene

Concen: 54.219 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN075238.D

Acq: 11 Nov 2022 10:45

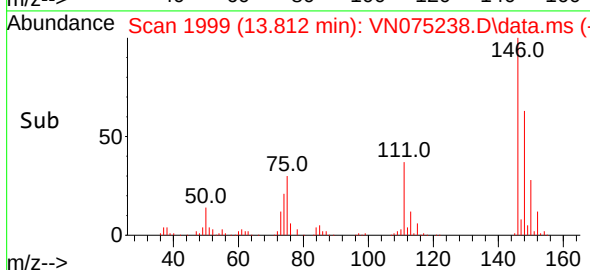
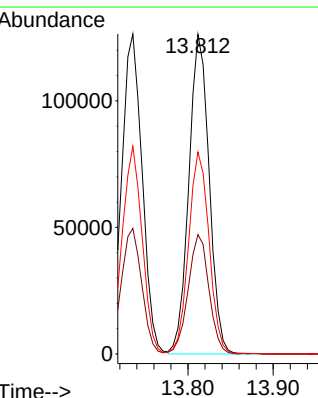
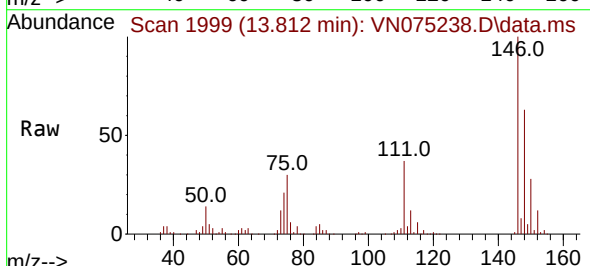
Tgt Ion:146 Resp: 209053

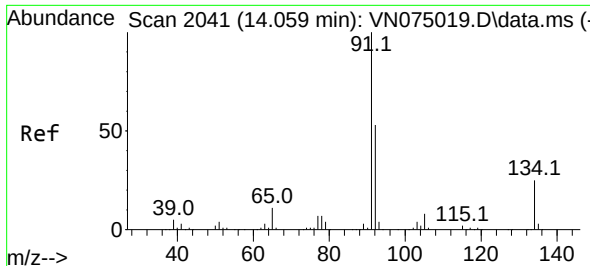
Ion Ratio Lower Upper

146 100

111 38.3 20.1 60.3

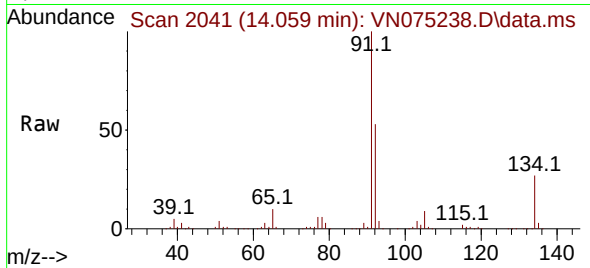
148 63.8 31.9 95.7





#89
n-Butylbenzene
Concen: 55.322 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

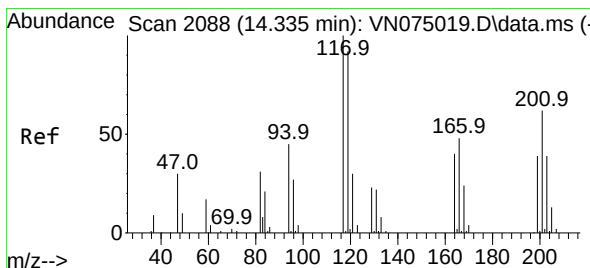
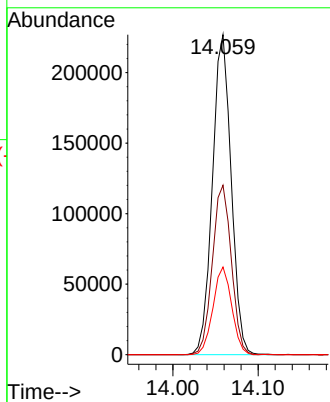
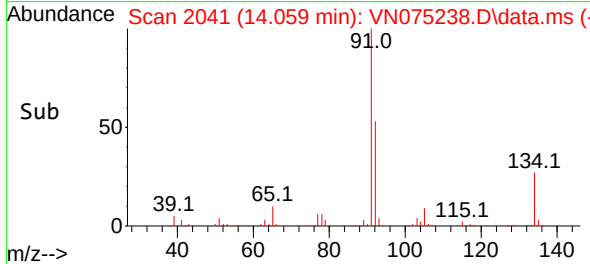
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 347129
Ion Ratio Lower Upper
91 100
92 53.6 26.5 79.4
134 27.3 13.0 39.0

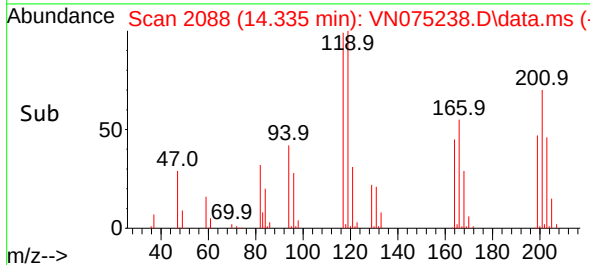
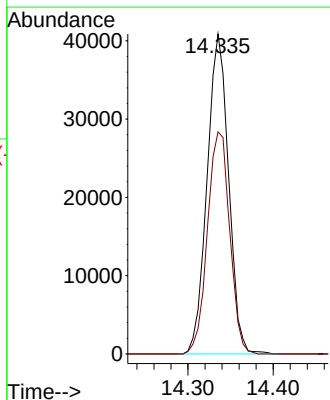
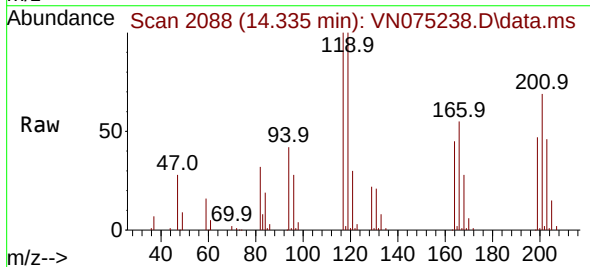
Manual Integrations
APPROVED

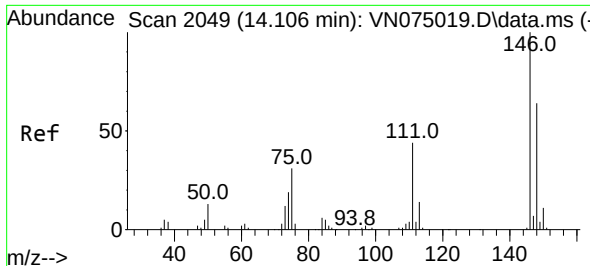
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#90
Hexachloroethane
Concen: 50.168 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

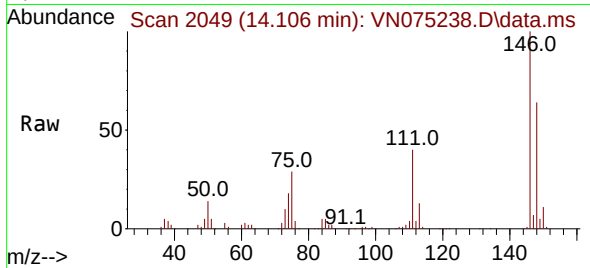
Tgt Ion:117 Resp: 71672
Ion Ratio Lower Upper
117 100
201 71.8 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 54.150 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

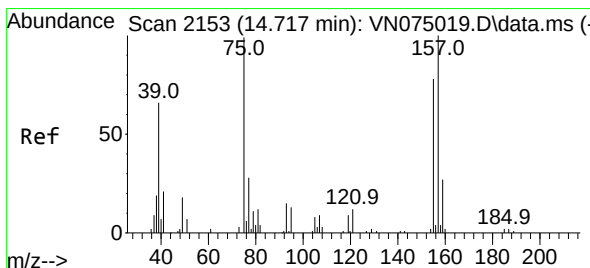
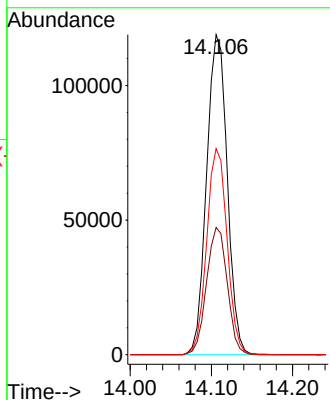
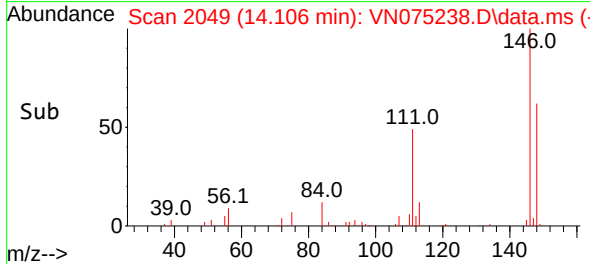
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



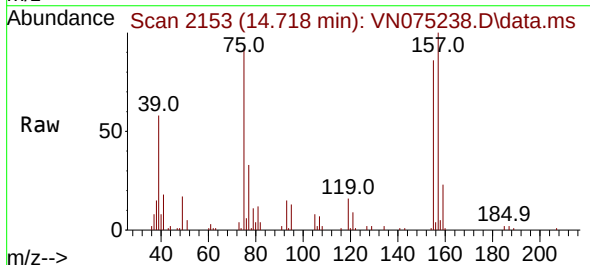
Tgt Ion:146 Resp: 209732
Ion Ratio Lower Upper
146 100
111 40.0 21.3 63.9
148 63.7 31.4 94.2

Manual Integrations
APPROVED

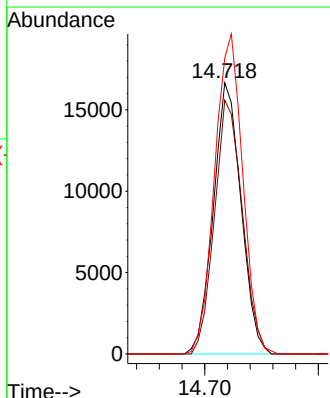
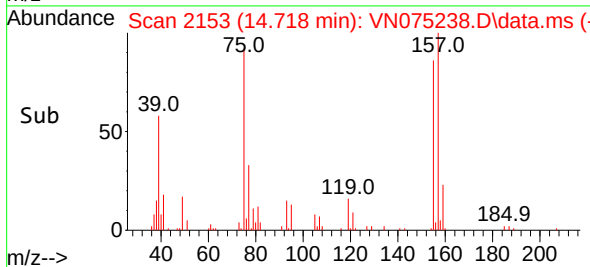
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

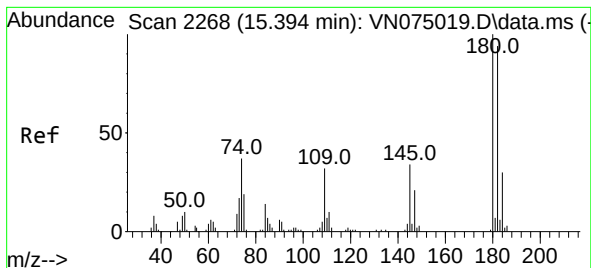


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.217 ug/l
RT: 14.718 min Scan# 2153
Delta R.T. 0.001 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45



Tgt Ion: 75 Resp: 28172
Ion Ratio Lower Upper
75 100
155 94.1 42.1 126.3
157 120.0 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 62.500 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075238.D

Acq: 11 Nov 2022 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 10416

Ion Ratio Lower Upper

180 100

182 94.5 47.8 143.4

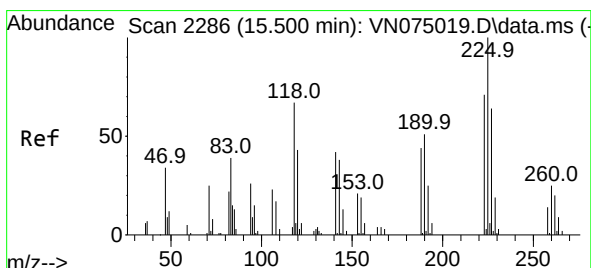
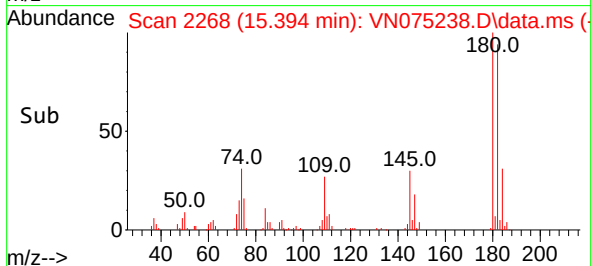
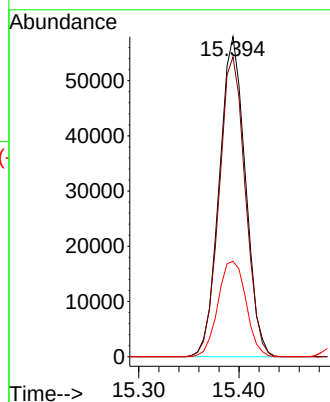
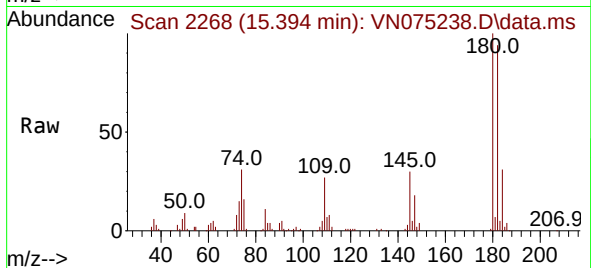
145 32.1 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#94

Hexachlorobutadiene

Concen: 60.372 ug/l

RT: 15.500 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN075238.D

Acq: 11 Nov 2022 10:45

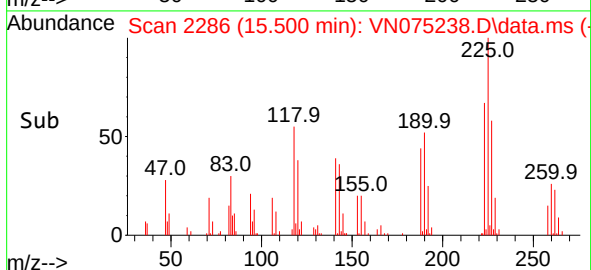
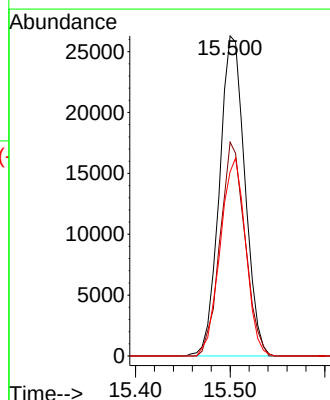
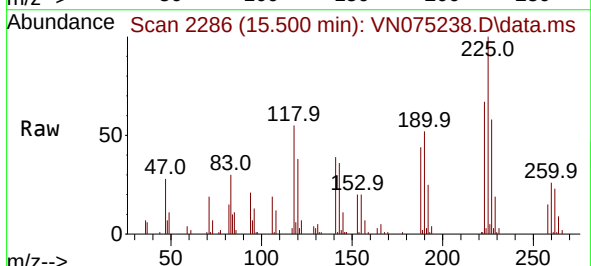
Tgt Ion:225 Resp: 49053

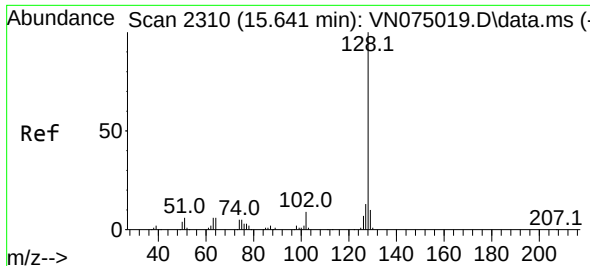
Ion Ratio Lower Upper

225 100

223 65.2 32.3 96.9

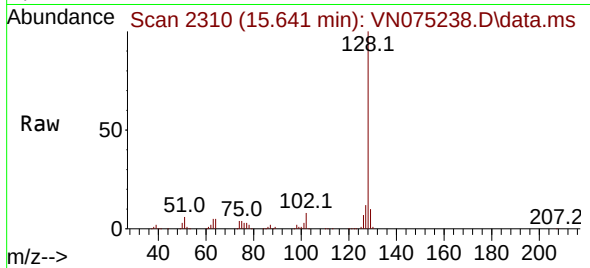
227 61.7 32.0 96.2





#95
Naphthalene
Concen: 57.076 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45

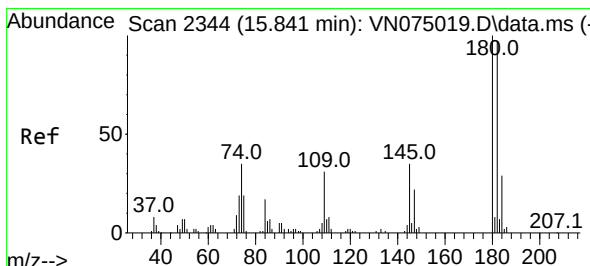
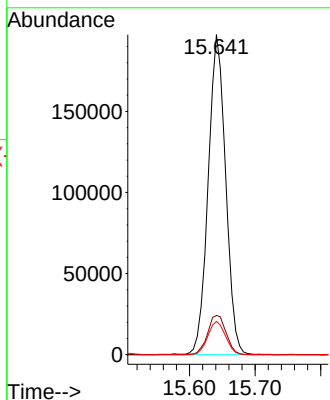
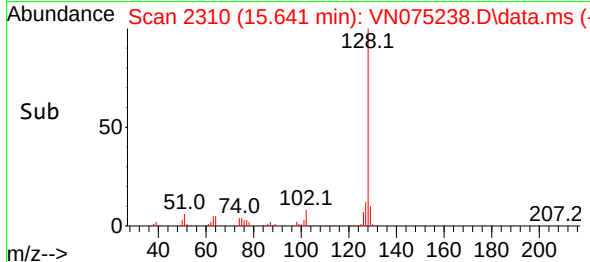
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



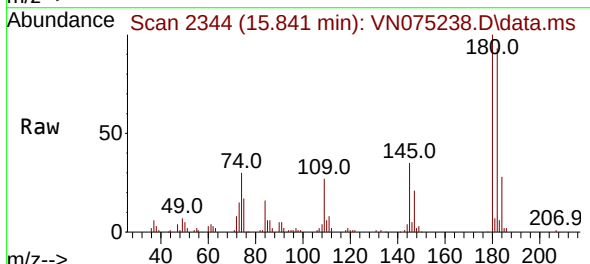
Tgt Ion:128 Resp: 365819
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.5 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 61.285 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075238.D
Acq: 11 Nov 2022 10:45



Tgt Ion:180 Resp: 101489
Ion Ratio Lower Upper
180 100
182 94.6 47.3 141.8
145 34.1 17.6 52.9

