

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112222\
 Data File : VN075356.D
 Acq On : 22 Nov 2022 10:19
 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 11/23/2022
 Supervised By : Mahesh Dadoda 11/25/2022

Quant Time: Nov 23 07:03:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	158078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	261731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	42065	49.573	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.140%		
35) Dibromofluoromethane	8.171	113	51989	50.565	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.120%		
50) Toluene-d8	10.571	98	119225	51.485	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.980%		
62) 4-Bromofluorobenzene	12.847	95	92302	54.001	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	56929	47.097	ug/l	96
3) Chloromethane	2.371	50	66874	44.462	ug/l	99
4) Vinyl Chloride	2.530	62	91520	48.281	ug/l	97
5) Bromomethane	2.924	94	83332	49.992	ug/l	97
6) Chloroethane	3.106	64	68073	47.394	ug/l	92
7) Trichlorofluoromethane	3.500	101	128589	47.485	ug/l	99
8) Diethyl Ether	3.971	74	46886	49.400	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	74105	49.571	ug/l	95
10) Methyl Iodide	4.594	142	118560	48.943	ug/l	96
11) Tert butyl alcohol	5.530	59	75418	211.724	ug/l	99
12) 1,1-Dichloroethene	4.347	96	71924	49.132	ug/l	88
13) Acrolein	4.183	56	71533	230.517	ug/l	99
14) Allyl chloride	5.030	41	86767	45.822	ug/l	95
15) Acrylonitrile	5.730	53	192092	235.050	ug/l	98
16) Acetone	4.436	43	188934	238.710	ug/l	92
17) Carbon Disulfide	4.718	76	181945	47.825	ug/l	99
18) Methyl Acetate	5.036	43	96929	48.540	ug/l	96
19) Methyl tert-butyl Ether	5.800	73	251231	48.446	ug/l	97
20) Methylene Chloride	5.283	84	82054	51.154	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	79991	47.947	ug/l	97
22) Diisopropyl ether	6.677	45	217039	50.228	ug/l	97
23) Vinyl Acetate	6.612	43	768658	223.596	ug/l	100
24) 1,1-Dichloroethane	6.577	63	137310	49.506	ug/l	100
25) 2-Butanone	7.488	43	261513	236.662	ug/l	97
26) 2,2-Dichloropropane	7.494	77	125082	48.524	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	95486	50.617	ug/l	93
28) Bromochloromethane	7.818	49	57483	51.058	ug/l	84
29) Tetrahydrofuran	7.847	42	161383	240.104	ug/l	99
30) Chloroform	7.971	83	151536	47.576	ug/l	96
31) Cyclohexane	8.259	56	122783	45.544	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	140540	48.596	ug/l	96
36) 1,1-Dichloropropene	8.377	75	113322	50.541	ug/l	99
37) Ethyl Acetate	7.565	43	99567	49.317	ug/l	100
38) Carbon Tetrachloride	8.365	117	125614	50.999	ug/l	97
39) Methylcyclohexane	9.600	83	147619	52.605	ug/l	99
40) Benzene	8.612	78	337363	49.143	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	49141	47.609	ug/l	93
42) 1,2-Dichloroethane	8.677	62	112218	48.809	ug/l	96
43) Isopropyl Acetate	8.694	43	162202	50.052	ug/l	97
44) Trichloroethene	9.353	130	93045	49.534	ug/l	94
45) 1,2-Dichloropropane	9.624	63	80636	49.290	ug/l	97
46) Dibromomethane	9.712	93	60926	49.237	ug/l	94
47) Bromodichloromethane	9.888	83	120310	50.207	ug/l #	99
48) Methyl methacrylate	9.682	41	73973	49.366	ug/l	95
49) 1,4-Dioxane	9.694	88	40242	945.772	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	509941	247.061	ug/l	97
52) Toluene	10.629	92	227821	51.499	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	129893	53.995	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	138340	52.947	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	88147	48.922	ug/l	96
56) Ethyl methacrylate	10.876	69	129793	53.341	ug/l	95
57) 1,3-Dichloropropane	11.165	76	145283	49.452	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	235374	268.210	ug/l	97
59) 2-Hexanone	11.194	43	387868	250.256	ug/l	96
60) Dibromochloromethane	11.359	129	101648	54.961	ug/l	100
61) 1,2-Dibromoethane	11.470	107	93792	50.153	ug/l	99
64) Tetrachloroethene	11.106	164	87179	46.683	ug/l	92
65) Chlorobenzene	11.894	112	245550	48.622	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	92380	49.012	ug/l	99
67) Ethyl Benzene	11.965	91	446115	51.778	ug/l	100
68) m/p-Xylenes	12.070	106	360662	103.080	ug/l	100
69) o-Xylene	12.400	106	173959	50.041	ug/l	96
70) Styrene	12.412	104	287477	52.421	ug/l	99
71) Bromoform	12.582	173	77340	53.913	ug/l #	98
73) Isopropylbenzene	12.700	105	458644	49.494	ug/l	98
74) N-amyl acetate	12.494	43	142409	49.988	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	133142	47.127	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	112410m	46.874	ug/l	
77) Bromobenzene	12.982	156	108840	47.576	ug/l	85
78) n-propylbenzene	13.035	91	535083	51.741	ug/l	100
79) 2-Chlorotoluene	13.123	91	310301	49.799	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	392731	51.012	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	41220	50.856	ug/l	93
82) 4-Chlorotoluene	13.123	91	310301	49.799	ug/l	97
83) tert-Butylbenzene	13.441	119	349765	49.828	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	398684	51.627	ug/l	98
85) sec-Butylbenzene	13.617	105	498943	52.386	ug/l	99
86) p-Isopropyltoluene	13.729	119	430844	53.765	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	215061	49.616	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	214683	48.757	ug/l	98
89) n-Butylbenzene	14.059	91	360121	53.209	ug/l	99
90) Hexachloroethane	14.335	117	70742	51.173	ug/l	82
91) 1,2-Dichlorobenzene	14.106	146	208070	49.246	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26325	49.190	ug/l	83
93) 1,2,4-Trichlorobenzene	15.394	180	116424	53.770	ug/l	96
94) Hexachlorobutadiene	15.500	225	59143	52.440	ug/l	99
95) Naphthalene	15.641	128	346752	50.905	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	109118	51.276	ug/l	98

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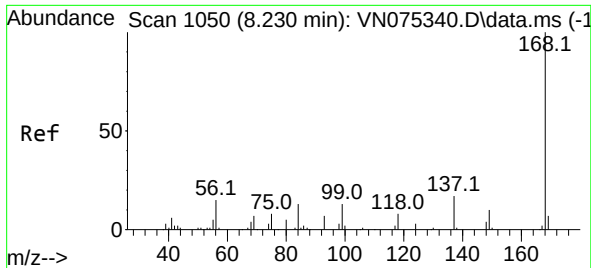
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration

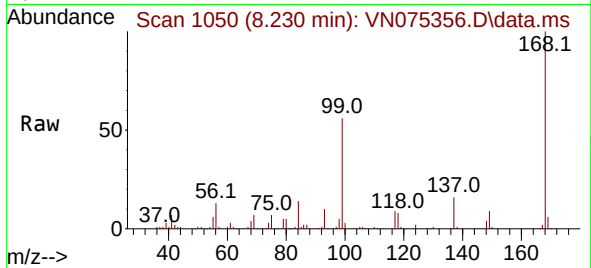
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



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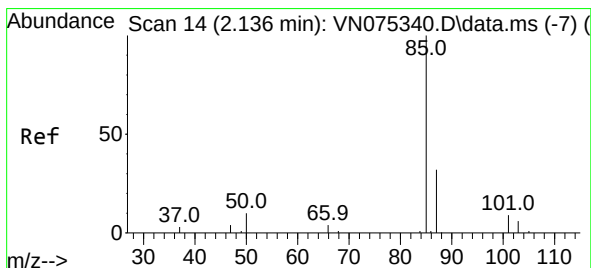
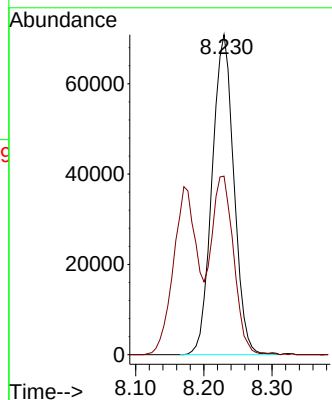
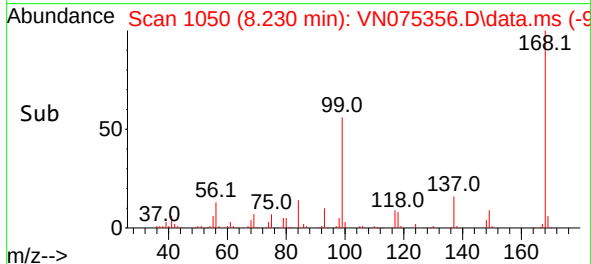
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 158078
Ion Ratio Lower Upper
168 100
99 55.8 51.6 77.4

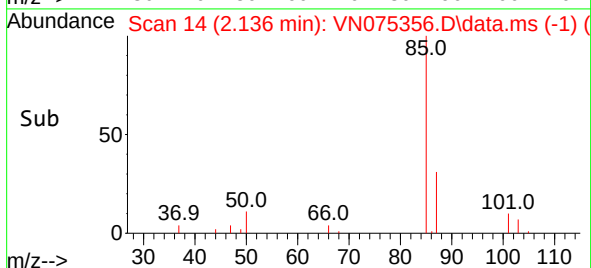
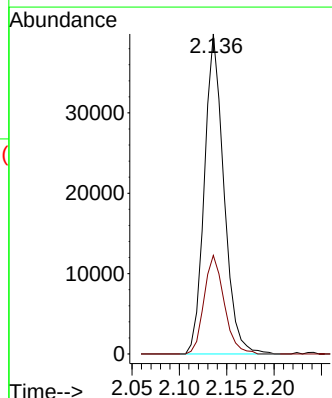
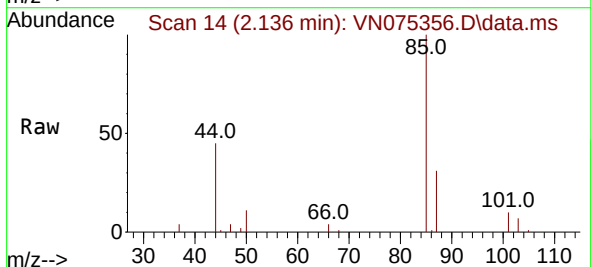
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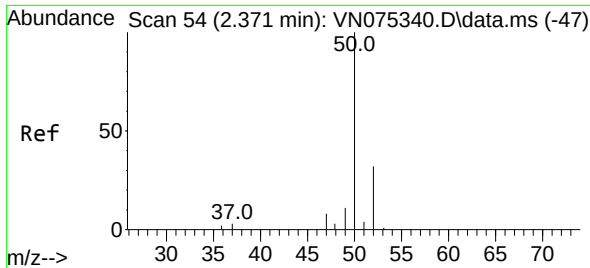
Reviewed By :John Carlone 11/23/2022
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#2
Dichlorodifluoromethane
Concen: 47.097 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

Tgt Ion: 85 Resp: 56929
Ion Ratio Lower Upper
85 100
87 30.8 16.7 50.0





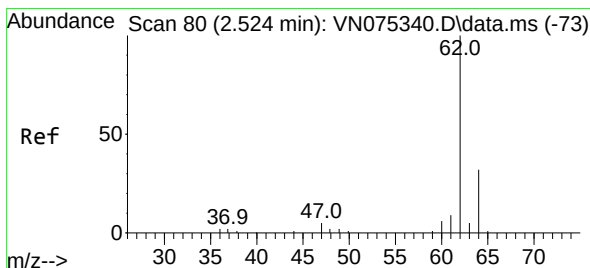
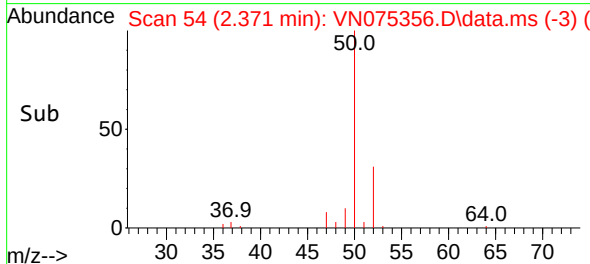
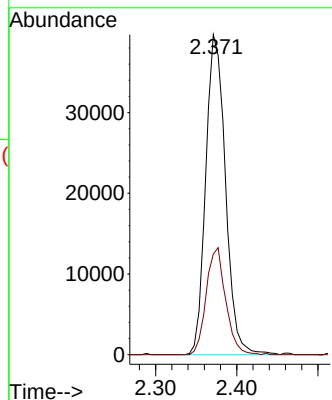
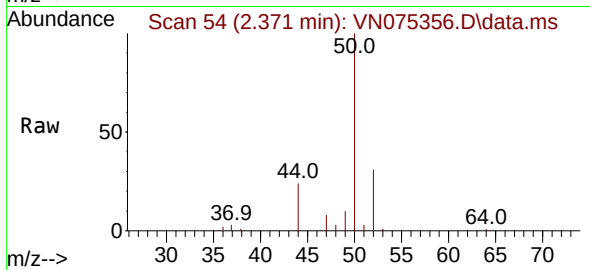
#3
Chloromethane
Concen: 44.462 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075356.D
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Tgt Ion: 50 Resp: 66874
Ion Ratio Lower Upper
50 100
52 31.4 25.8 38.6

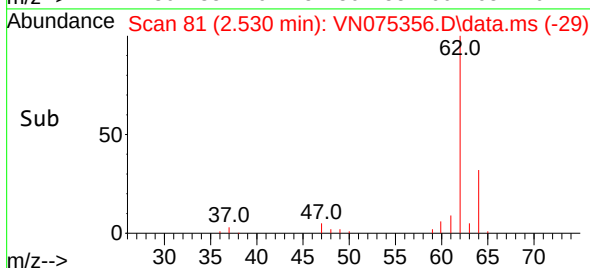
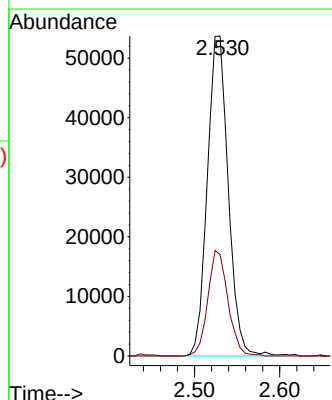
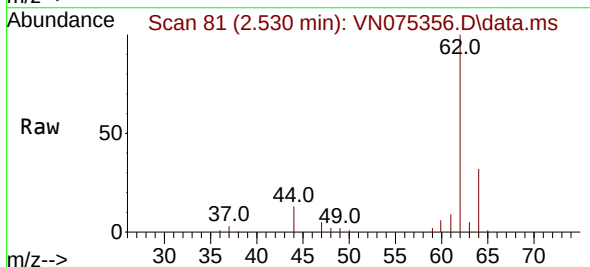
Manual Integrations
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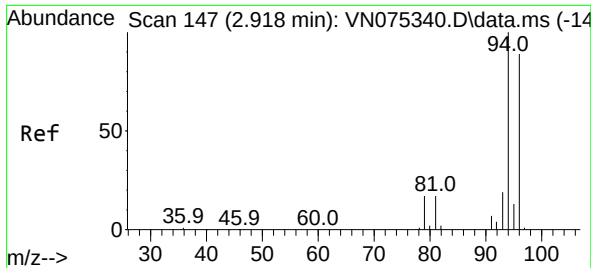
Reviewed By :John Carlone 11/23/2022
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#4
Vinyl Chloride
Concen: 48.281 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

Tgt Ion: 62 Resp: 91520
Ion Ratio Lower Upper
62 100
64 31.7 24.0 36.0





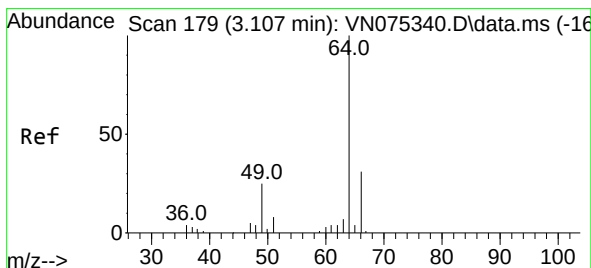
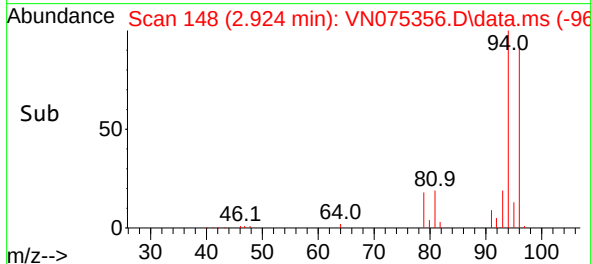
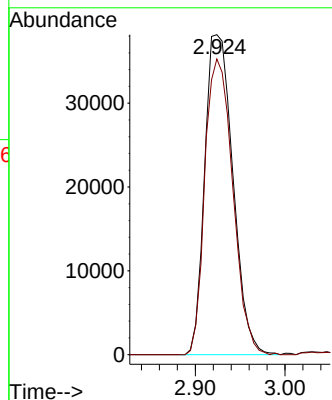
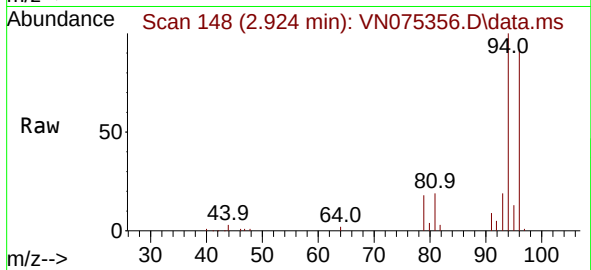
#5
Bromomethane
Concen: 49.992 ug/l
RT: 2.924 min Scan# 147
Delta R.T. 0.006 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

Instrument :
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Tgt Ion: 94 Resp: 8333
Ion Ratio Lower Upper
94 100
96 92.4 71.8 107.6

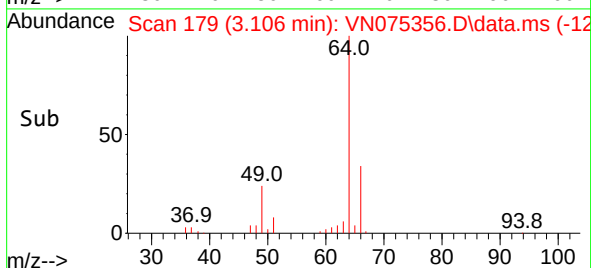
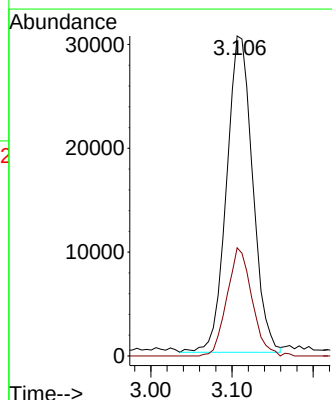
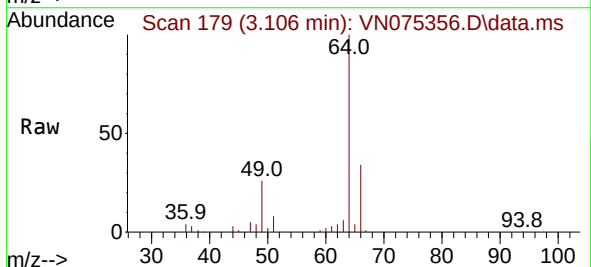
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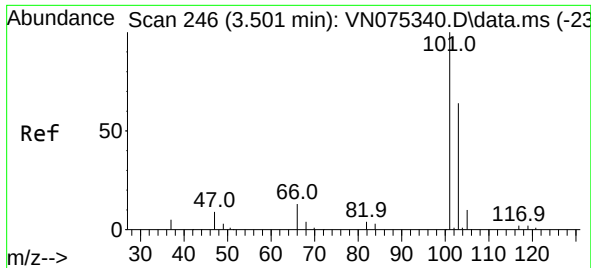
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#6
Chloroethane
Concen: 47.394 ug/l
RT: 3.106 min Scan# 179
Delta R.T. -0.001 min
Lab File: VN075356.D
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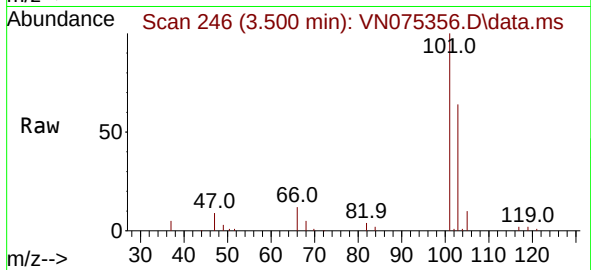
Tgt Ion: 64 Resp: 68073
Ion Ratio Lower Upper
64 100
66 34.2 23.8 35.8





#7
 Trichlorofluoromethane
 Concen: 47.485 ug/l
 RT: 3.500 min Scan# 246
 Delta R.T. -0.001 min
 Lab File: VN075356.D
 Acq: 22 Nov 2022 10:19

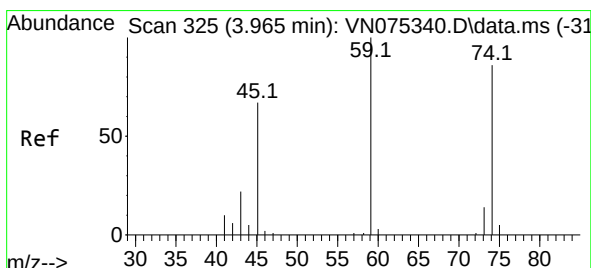
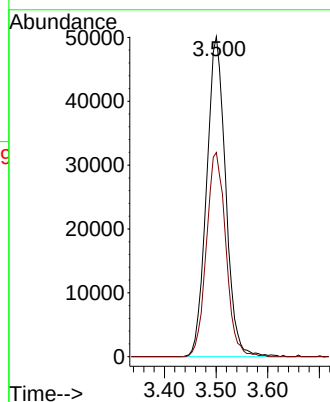
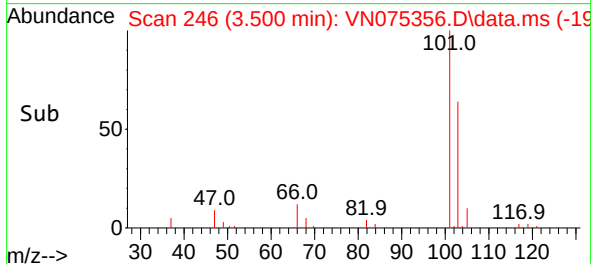
Instrument :
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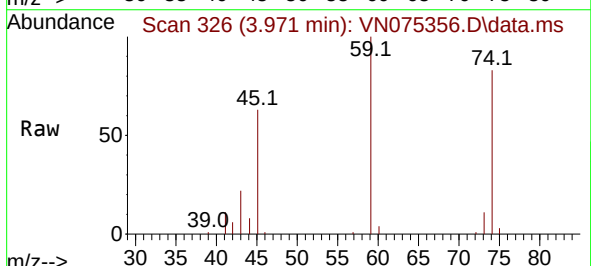
Tgt Ion:101 Resp: 128589
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.5 75.7

Manual Integrations
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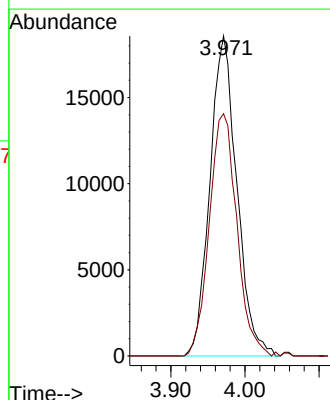
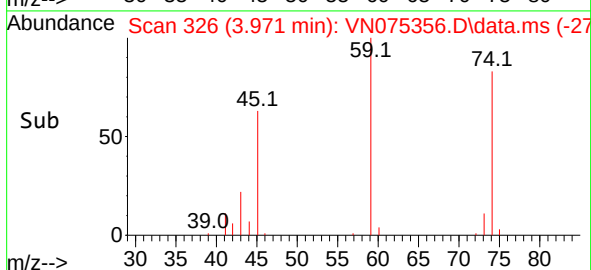
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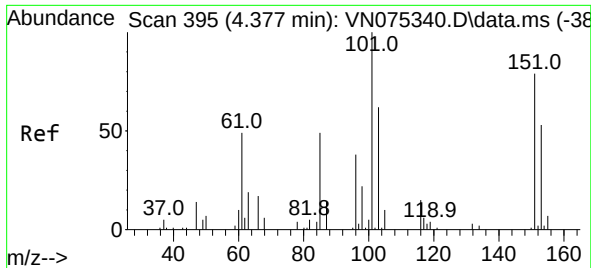


#8
 Diethyl Ether
 Concen: 49.400 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.006 min
 Lab File: VN075356.D
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Tgt Ion: 74 Resp: 46886
 Ion Ratio Lower Upper
 74 100
 45 77.4 39.3 117.9





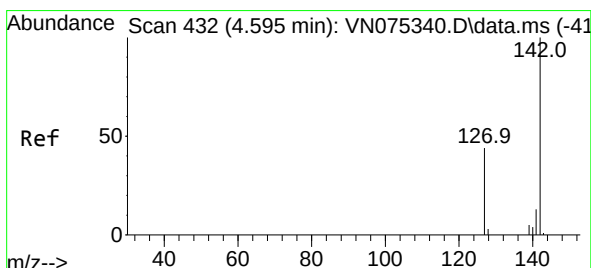
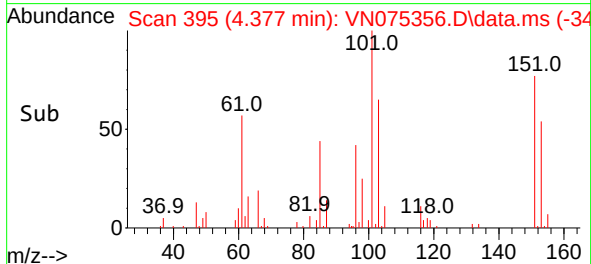
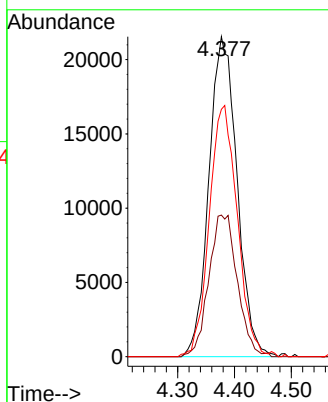
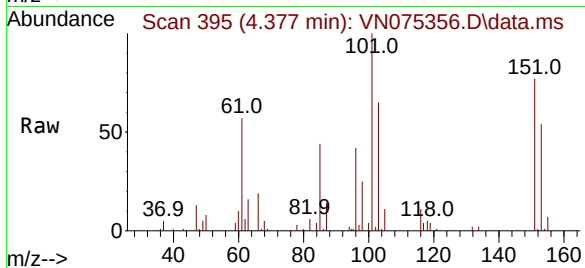
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.571 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.000 min
Lab File: VN075356.D
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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 7410
Ion Ratio Lower Upper
101 100
85 44.8 37.6 56.4
151 78.1 58.3 87.5

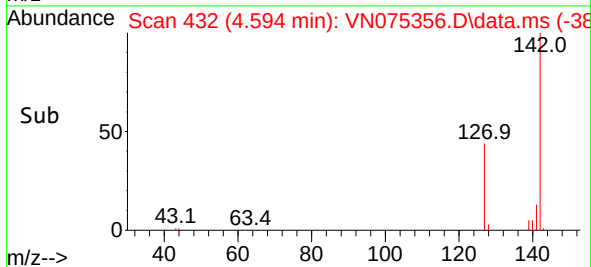
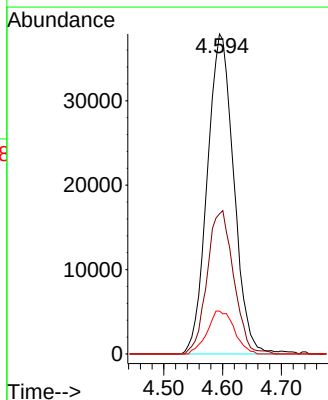
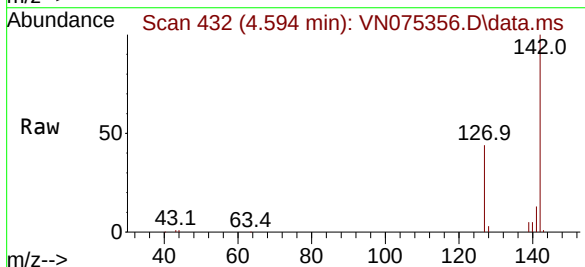
Manual Integrations
APPROVED

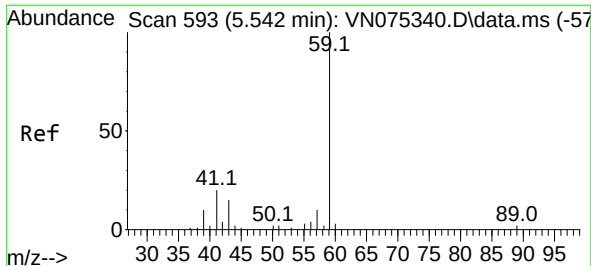
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#10
Methyl Iodide
Concen: 48.943 ug/l
RT: 4.594 min Scan# 432
Delta R.T. -0.001 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

Tgt Ion:142 Resp: 118560
Ion Ratio Lower Upper
142 100
127 44.9 38.0 57.0
141 13.7 12.2 18.4





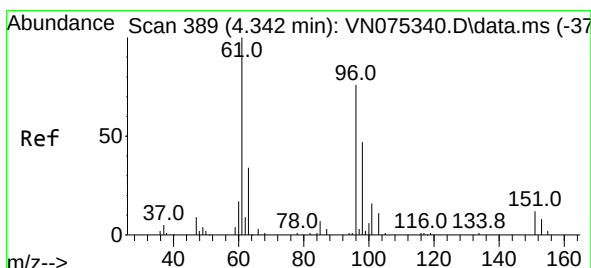
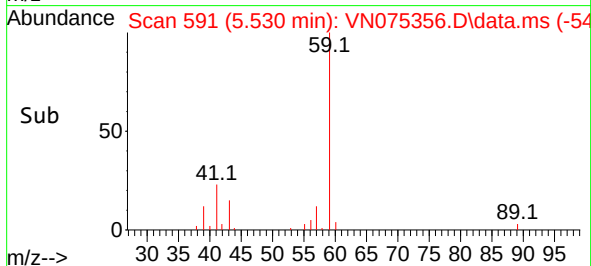
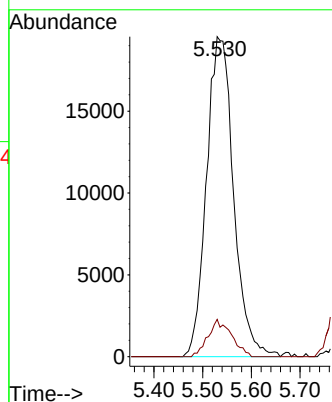
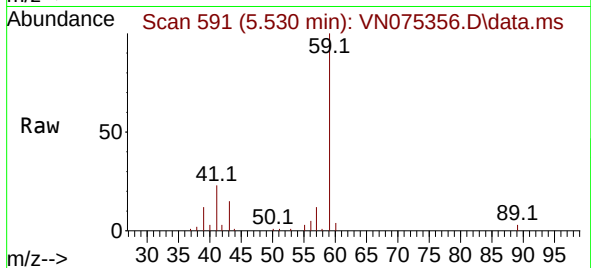
#11
Tert butyl alcohol
Concen: 211.724 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.012 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 75418
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7

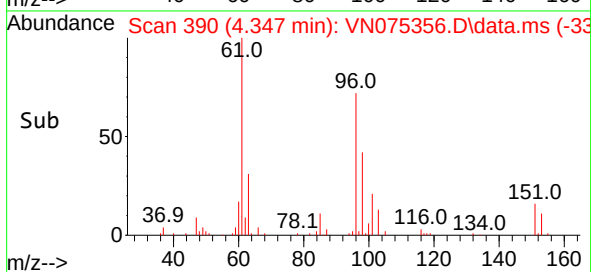
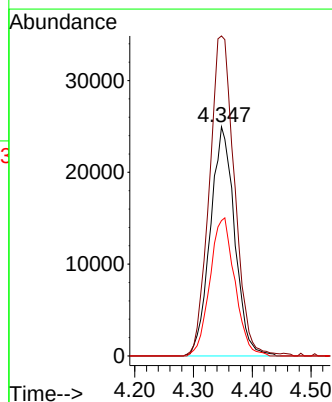
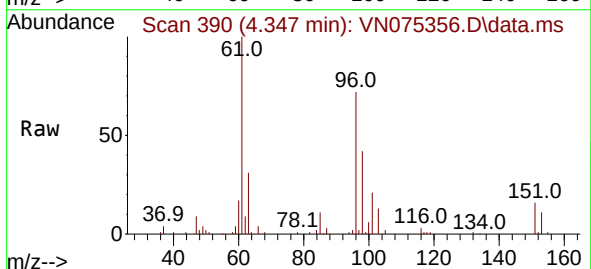
Manual Integrations
APPROVED

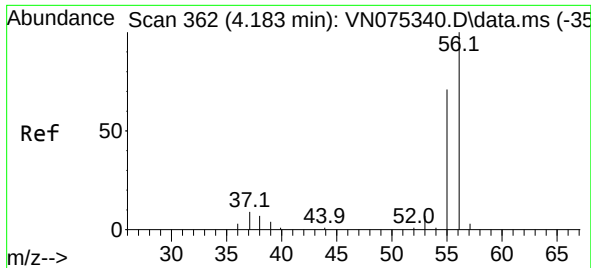
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#12
1,1-Dichloroethene
Concen: 49.132 ug/l
RT: 4.347 min Scan# 390
Delta R.T. 0.005 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

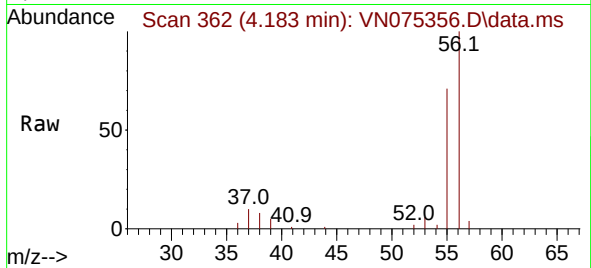
Tgt Ion: 96 Resp: 71924
Ion Ratio Lower Upper
96 100
61 139.6 126.2 189.4
98 59.1 51.5 77.3





#13
Acrolein
Concen: 230.517 ug/l
RT: 4.183 min Scan# 362
Delta R.T. -0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

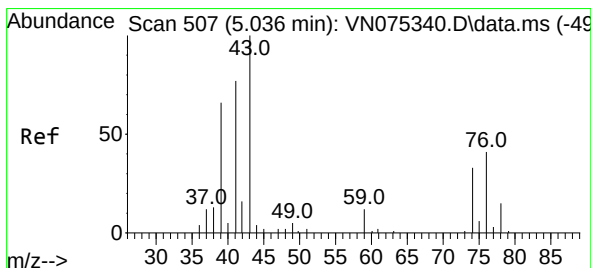
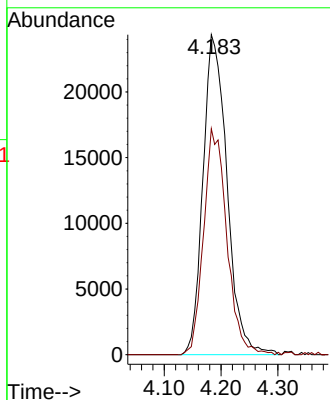
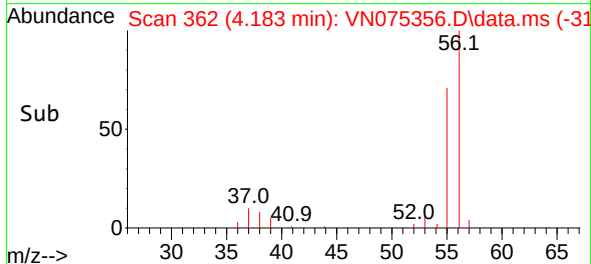
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



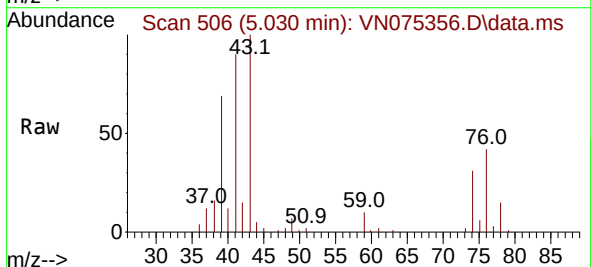
Tgt Ion: 56 Resp: 7153
Ion Ratio Lower Upper
56 100
55 68.1 55.2 82.8

Manual Integrations
APPROVED

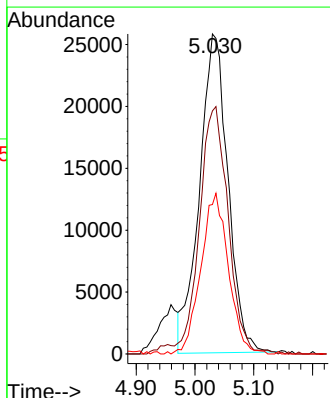
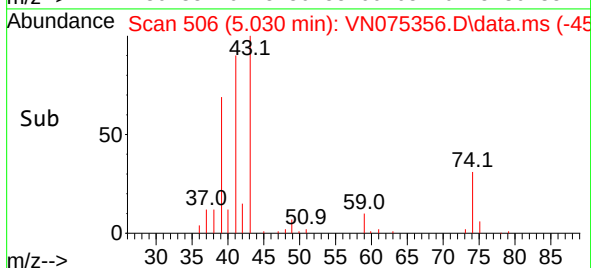
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022

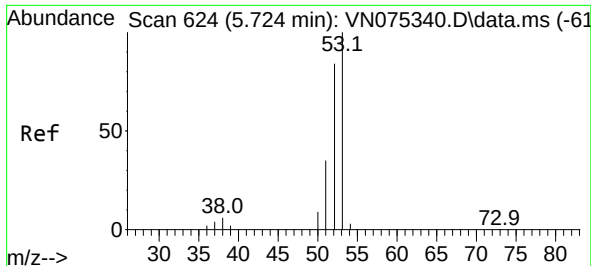


#14
Allyl chloride
Concen: 45.822 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19



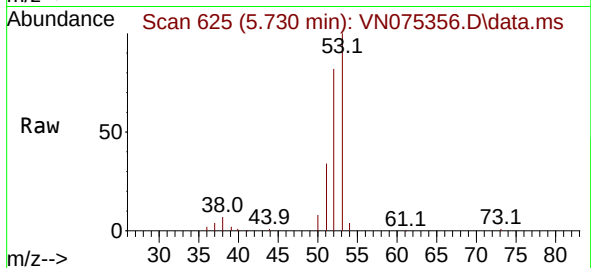
Tgt Ion: 41 Resp: 86767
Ion Ratio Lower Upper
41 100
39 77.7 61.0 91.4
76 48.8 33.4 50.0





#15
Acrylonitrile
Concen: 235.050 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

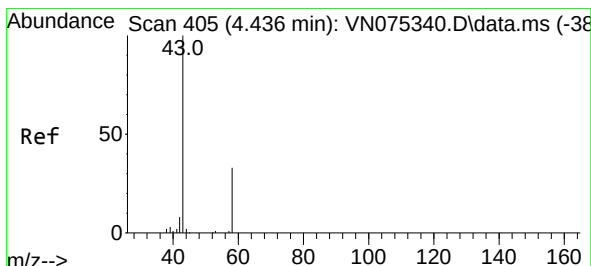
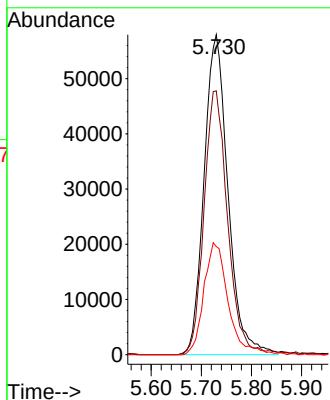
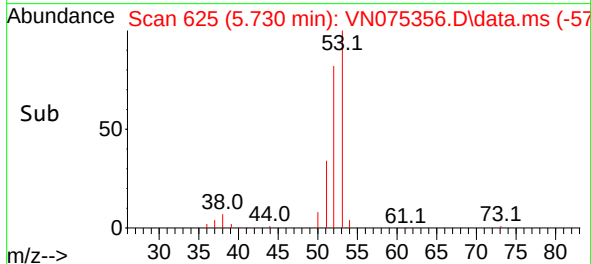
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



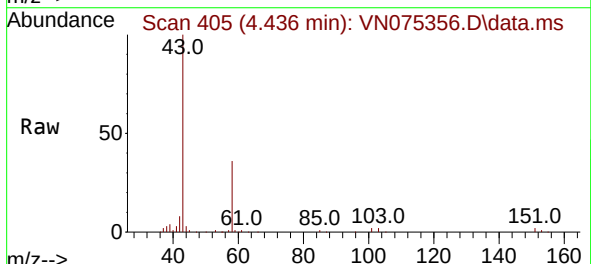
Tgt Ion: 53 Resp: 192092
Ion Ratio Lower Upper
53 100
52 81.0 66.4 99.6
51 35.4 29.6 44.4

Manual Integrations
APPROVED

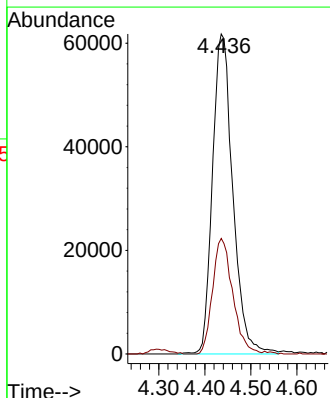
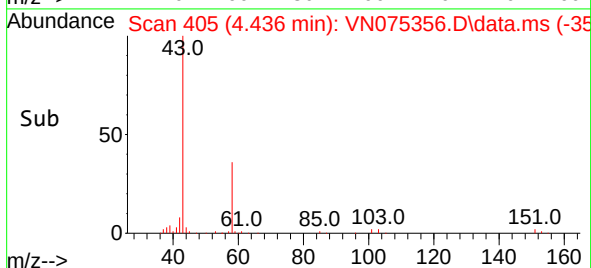
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022

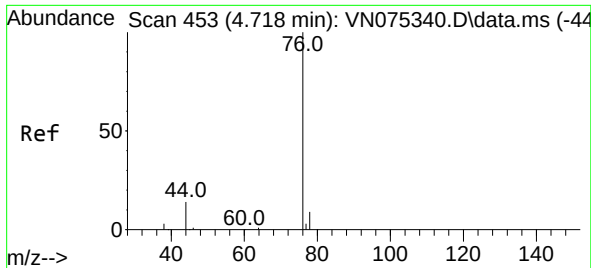


#16
Acetone
Concen: 238.710 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19



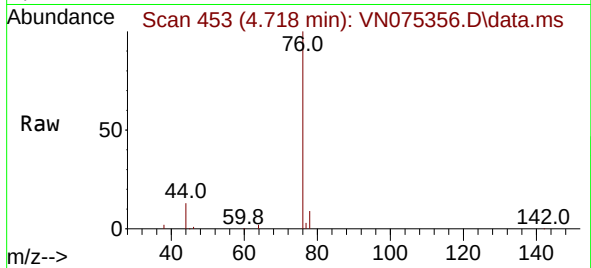
Tgt Ion: 43 Resp: 188934
Ion Ratio Lower Upper
43 100
58 36.1 25.5 38.3





#17
Carbon Disulfide
Concen: 47.825 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

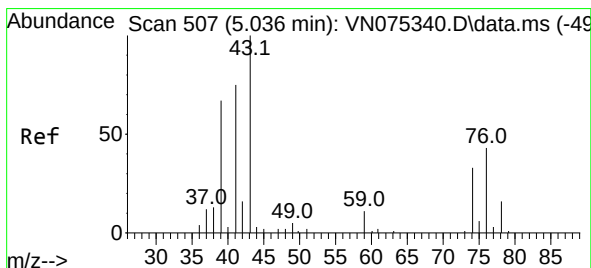
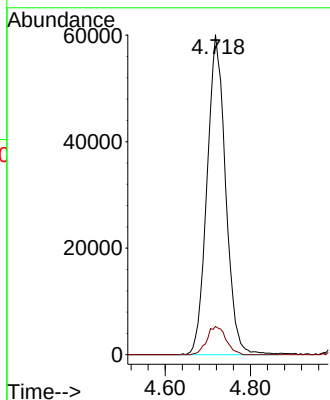
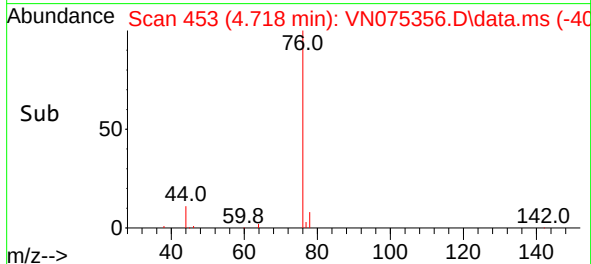
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



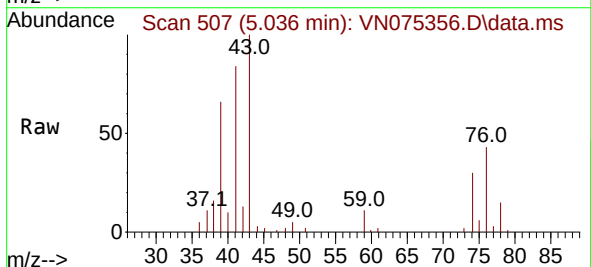
Tgt Ion: 76 Resp: 18194
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2

Manual Integrations
APPROVED

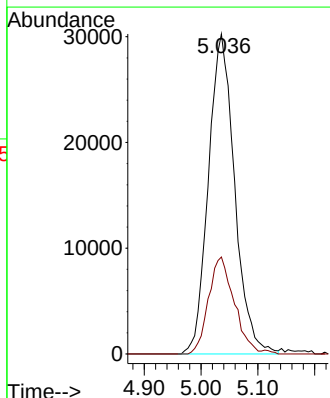
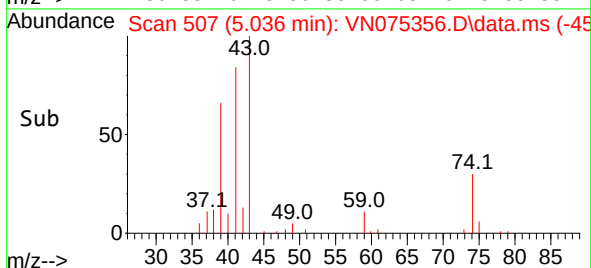
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022

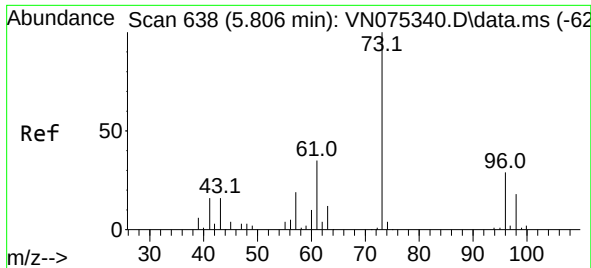


#18
Methyl Acetate
Concen: 48.540 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19



Tgt Ion: 43 Resp: 96929
Ion Ratio Lower Upper
43 100
74 29.6 22.0 33.0





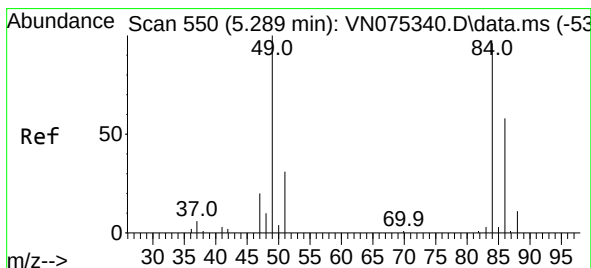
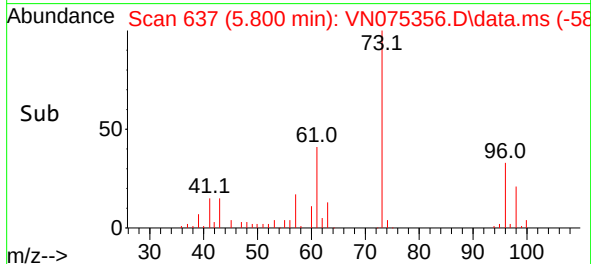
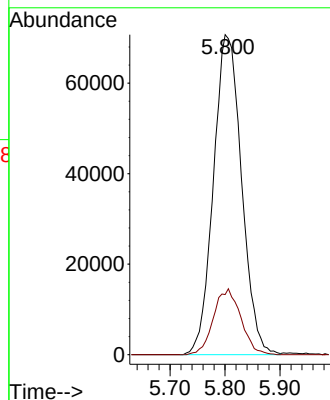
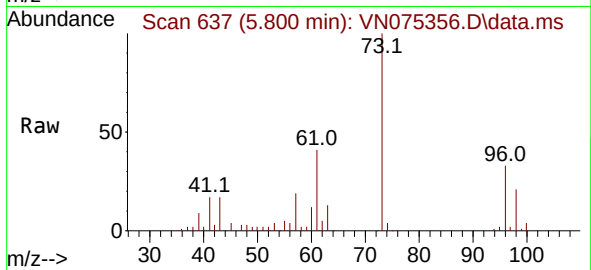
#19
Methyl tert-butyl Ether
Concen: 48.446 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 25123
Ion Ratio Lower Upper
73 100
57 18.8 16.3 24.5

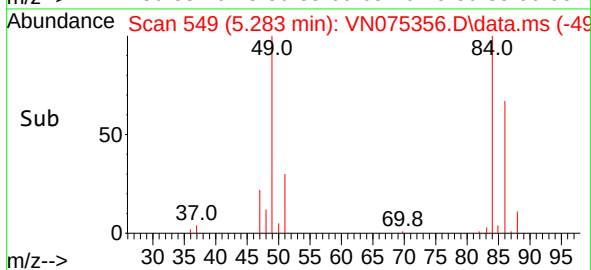
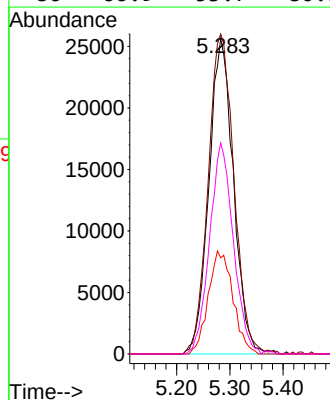
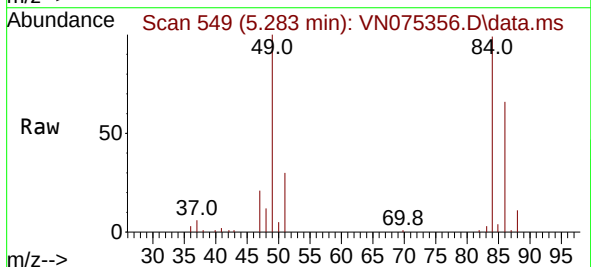
Manual Integrations
APPROVED

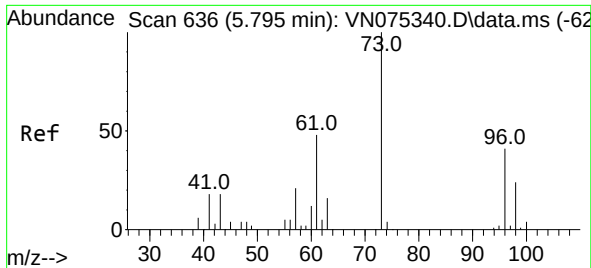
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#20
Methylene Chloride
Concen: 51.154 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

Tgt Ion: 84 Resp: 82054
Ion Ratio Lower Upper
84 100
49 101.4 94.9 142.3
51 30.5 26.8 40.2
86 66.9 53.7 80.5





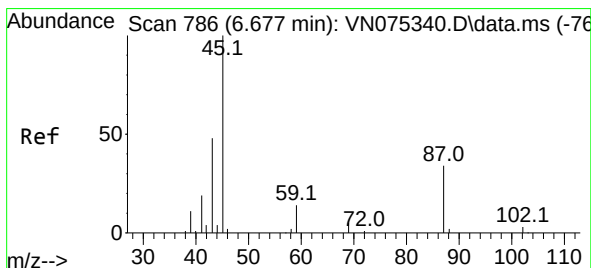
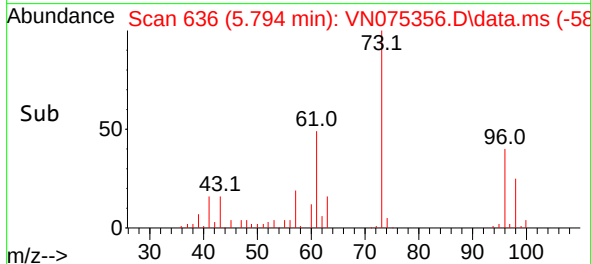
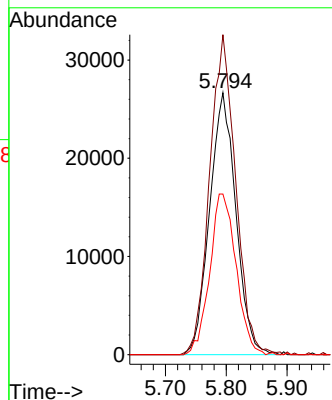
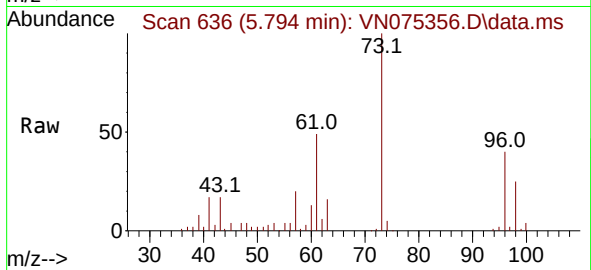
#21
trans-1,2-Dichloroethene
Concen: 47.947 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 7999
Ion Ratio Lower Upper
96 100
61 122.2 99.9 149.9
98 61.4 51.5 77.3

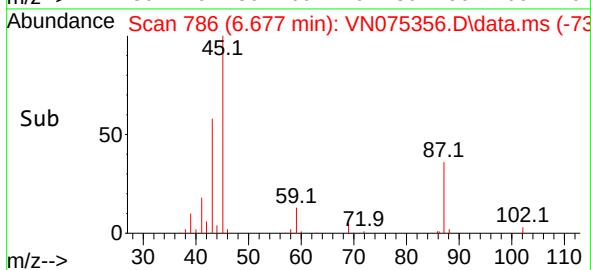
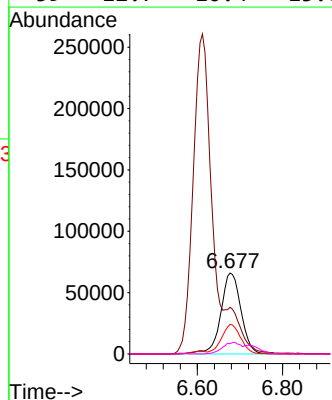
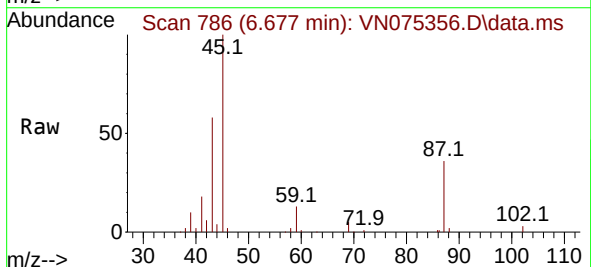
Manual Integrations
APPROVED

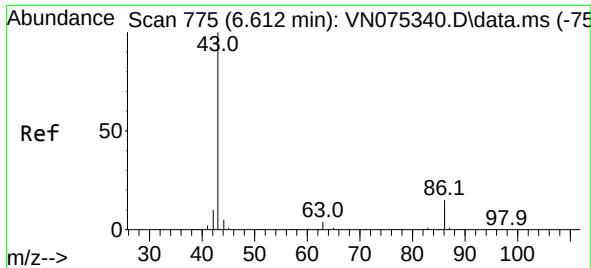
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#22
Diisopropyl ether
Concen: 50.228 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

Tgt Ion: 45 Resp: 217039
Ion Ratio Lower Upper
45 100
43 56.6 42.8 64.2
87 36.5 28.4 42.6
59 12.7 10.4 15.6





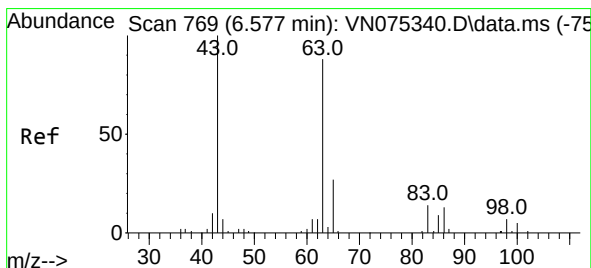
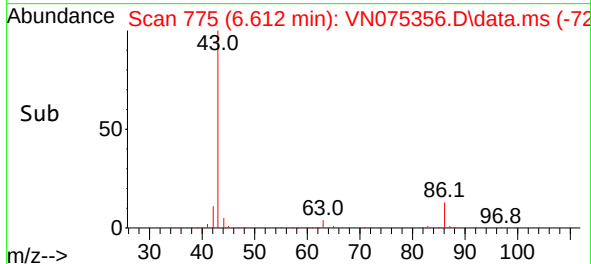
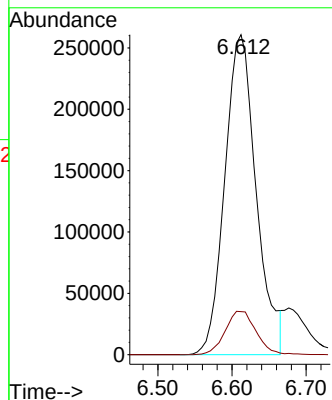
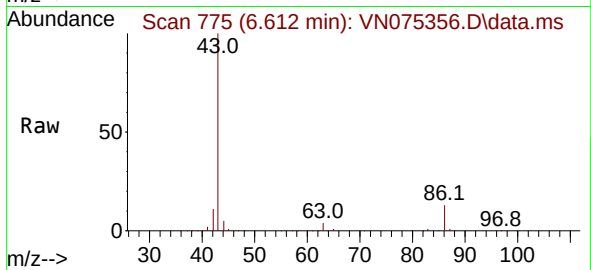
#23
 Vinyl Acetate
 Concen: 223.596 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075356.D
 Acq: 22 Nov 2022 10:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 768658
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.7 16.1

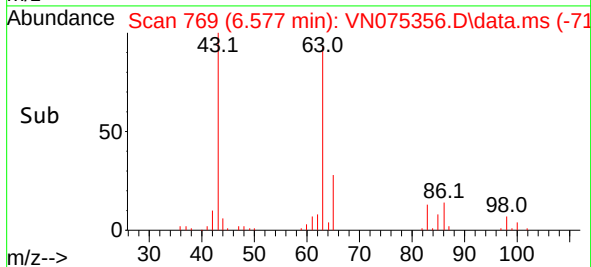
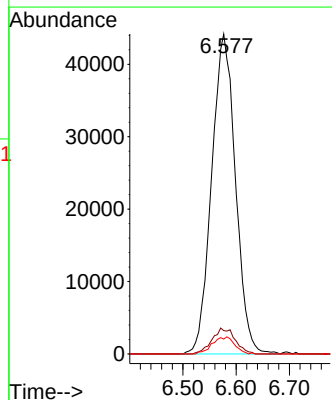
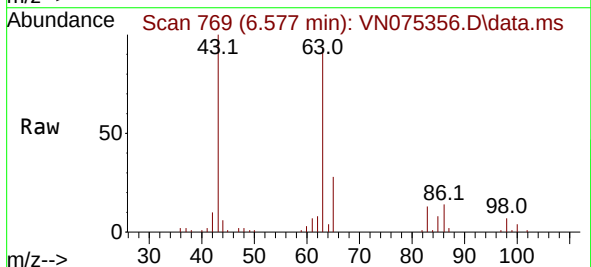
Manual Integrations
 APPROVED

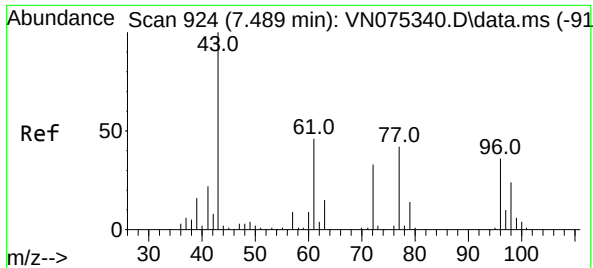
Reviewed By :John Carlone 11/23/2022
 Supervised By :Mahesh Dadoda 11/25/2022



#24
 1,1-Dichloroethane
 Concen: 49.506 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075356.D
 Acq: 22 Nov 2022 10:19

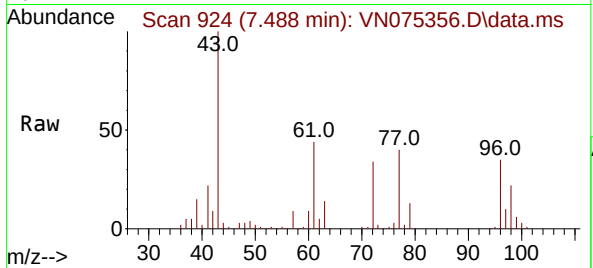
Tgt Ion: 63 Resp: 137310
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.6 2.4 7.2





#25
2-Butanone
Concen: 236.662 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.001 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

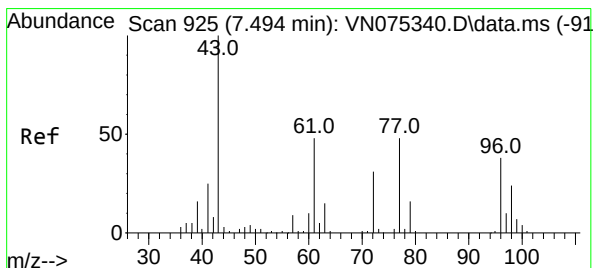
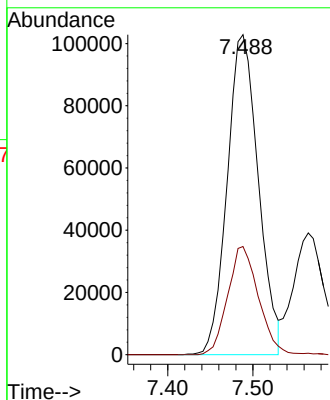
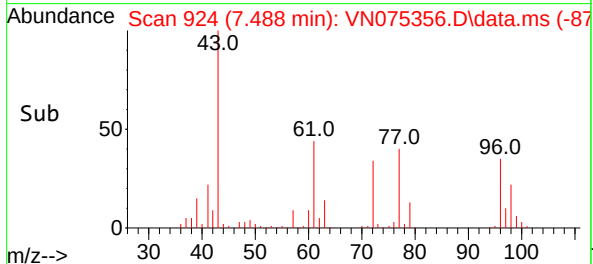
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 26151
Ion Ratio Lower Upper
43 100
72 33.8 25.5 38.3

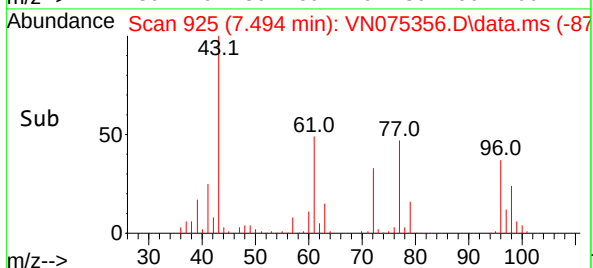
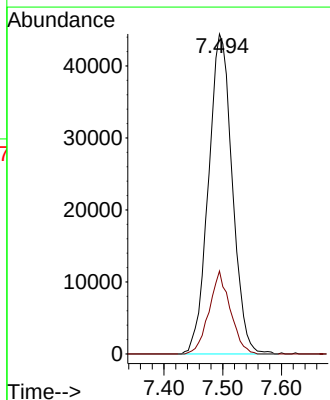
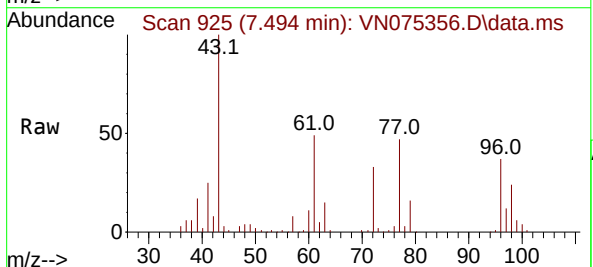
Manual Integrations
APPROVED

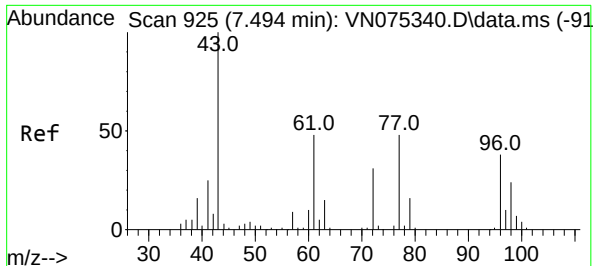
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#26
2,2-Dichloropropane
Concen: 48.524 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

Tgt Ion: 77 Resp: 125082
Ion Ratio Lower Upper
77 100
97 23.1 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 50.617 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075356.D

Acq: 22 Nov 2022 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 9548

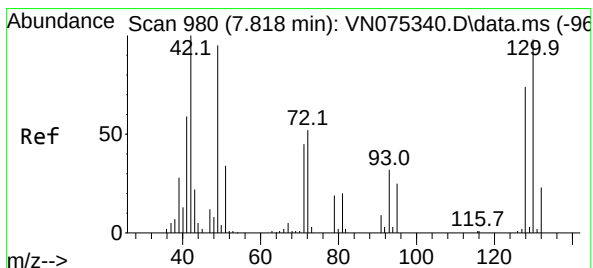
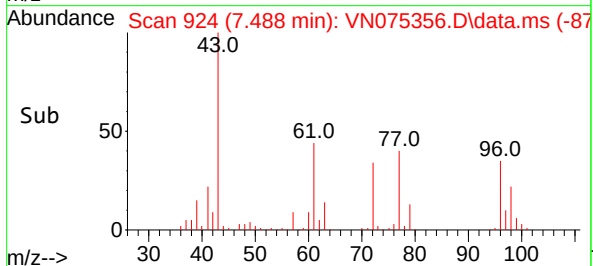
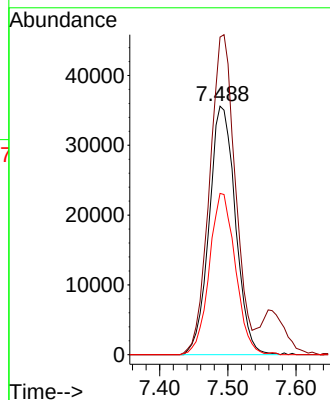
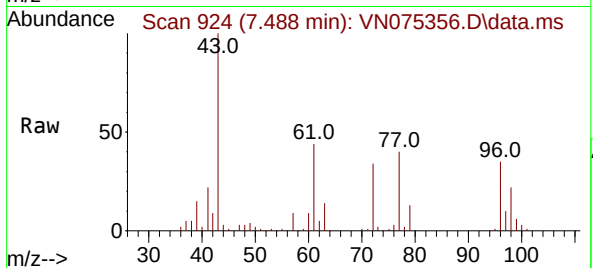
Ion	Ratio	Lower	Upper
96	100		
61	127.3	0.0	278.8
98	64.6	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/25/2022



#28

Bromochloromethane

Concen: 51.058 ug/l

RT: 7.818 min Scan# 980

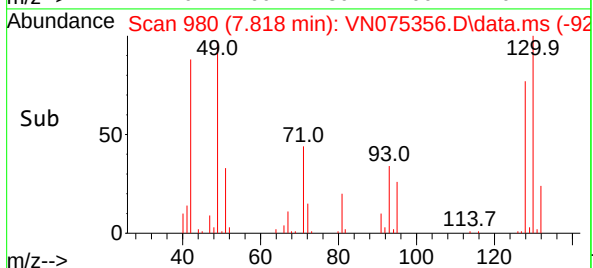
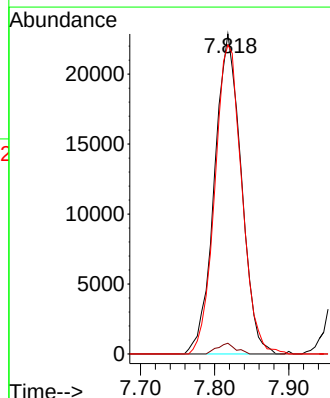
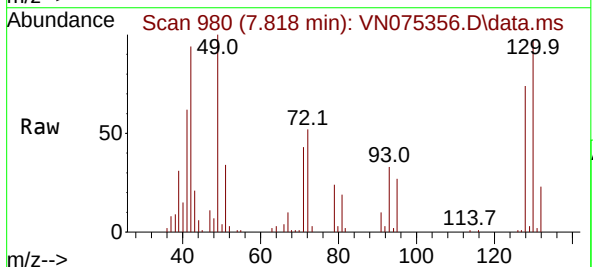
Delta R.T. -0.000 min

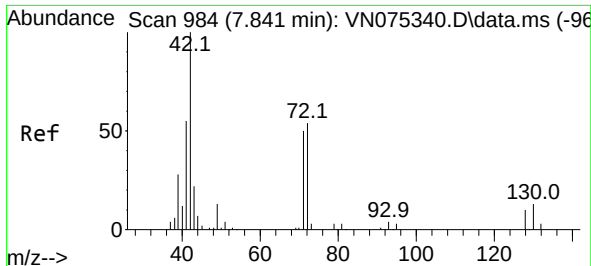
Lab File: VN075356.D

Acq: 22 Nov 2022 10:19

Tgt Ion: 49 Resp: 57483

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	97.3	66.2	99.4





#29

Tetrahydrofuran

Concen: 240.104 ug/l

RT: 7.847 min Scan# 984

Delta R.T. 0.006 min

Lab File: VN075356.D

Acq: 22 Nov 2022 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 16138

Ion Ratio Lower Upper

42 100

72 54.2 43.0 64.6

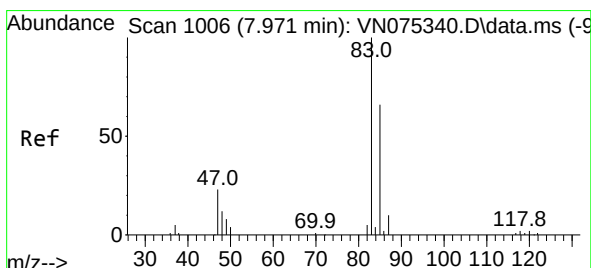
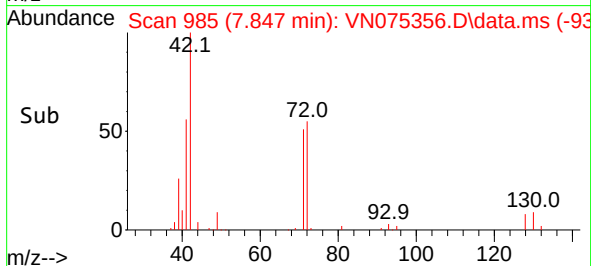
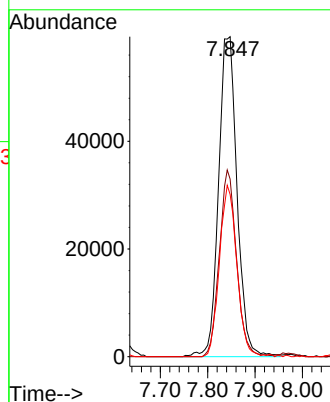
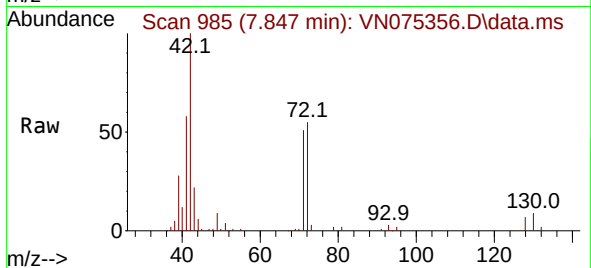
71 50.3 39.9 59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/25/2022



#30

Chloroform

Concen: 47.576 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN075356.D

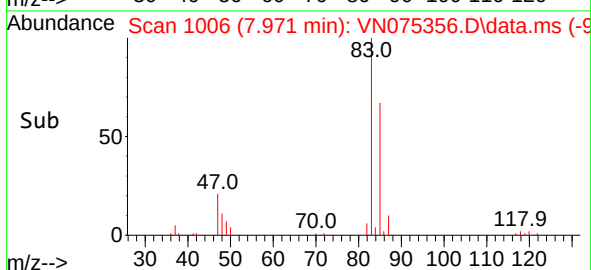
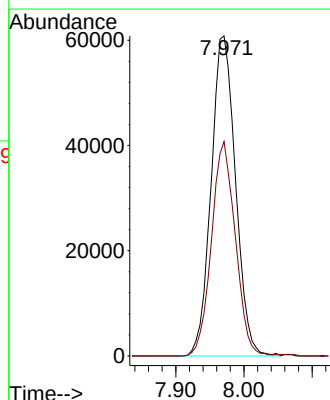
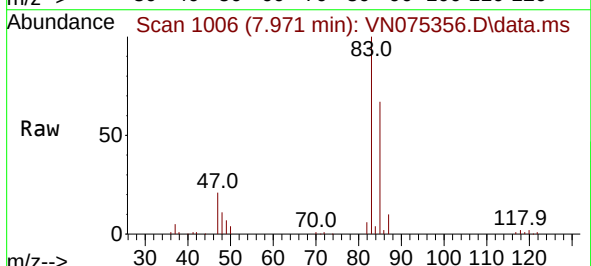
Acq: 22 Nov 2022 10:19

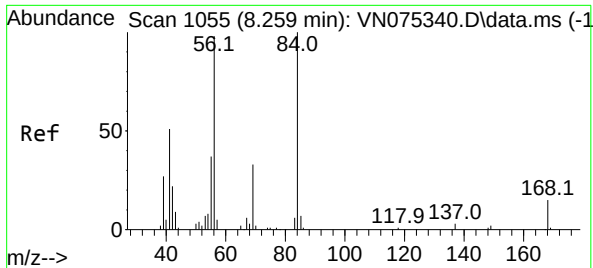
Tgt Ion: 83 Resp: 151536

Ion Ratio Lower Upper

83 100

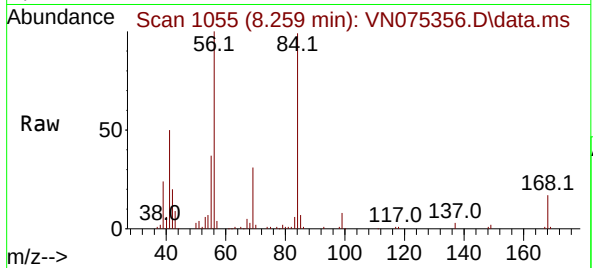
85 67.0 51.4 77.0





#31
Cyclohexane
Concen: 45.544 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

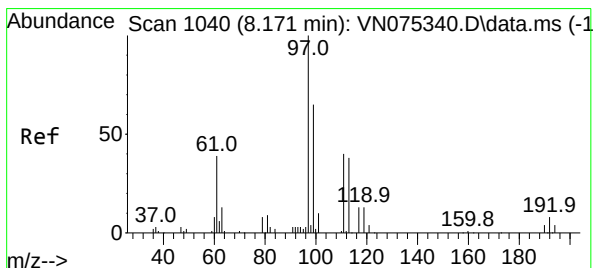
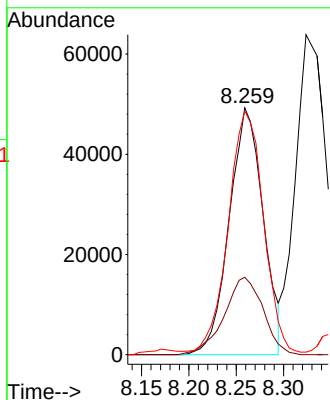
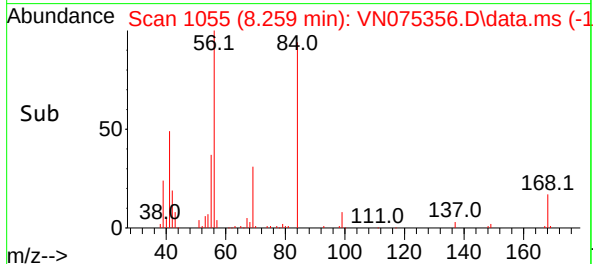
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



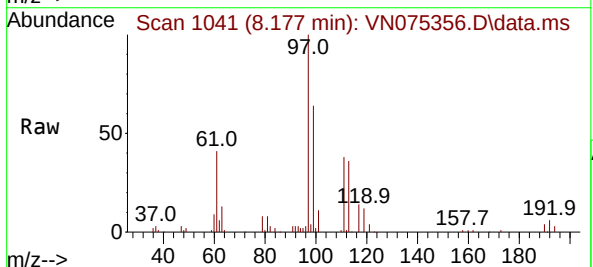
Tgt Ion: 56 Resp: 122783
Ion Ratio Lower Upper
56 100
69 31.4 25.2 37.8
84 97.4 77.8 116.8

Manual Integrations
APPROVED

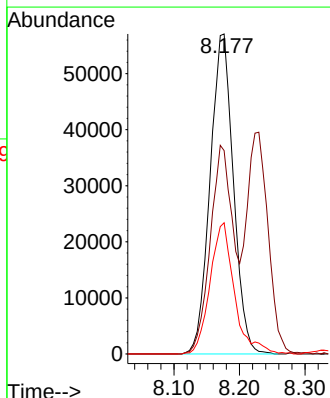
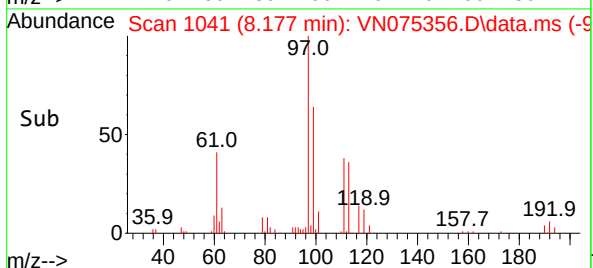
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022

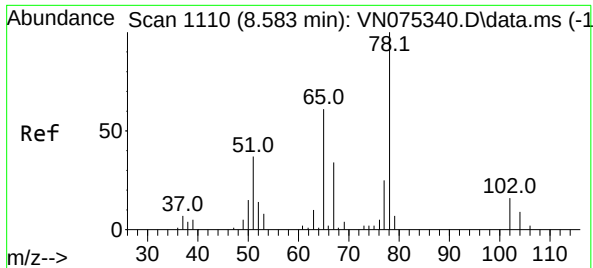


#32
1,1,1-Trichloroethane
Concen: 48.596 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19



Tgt Ion: 97 Resp: 140540
Ion Ratio Lower Upper
97 100
99 64.7 50.2 75.2
61 42.9 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 49.573 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075356.D

Acq: 22 Nov 2022 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 4206

Ion Ratio Lower Upper

65 100

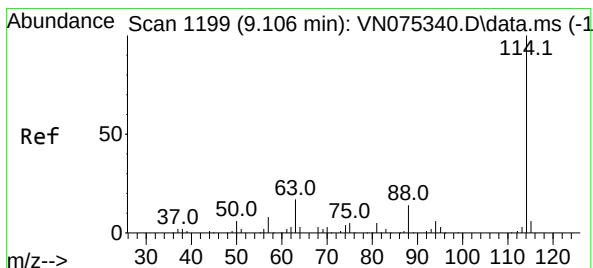
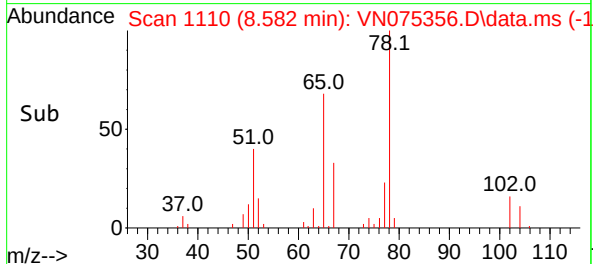
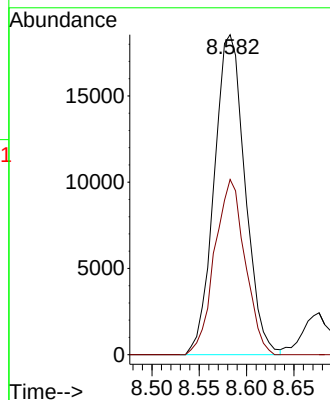
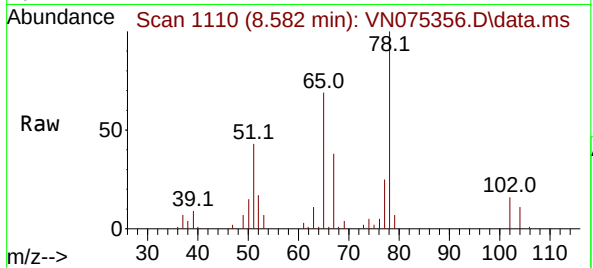
67 54.0 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/25/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075356.D

Acq: 22 Nov 2022 10:19

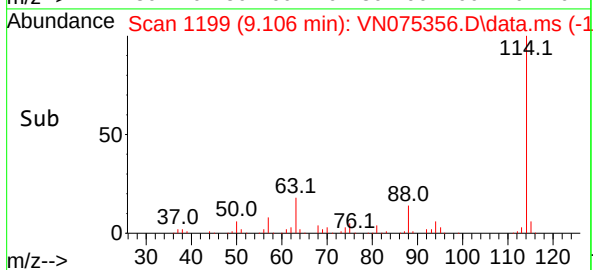
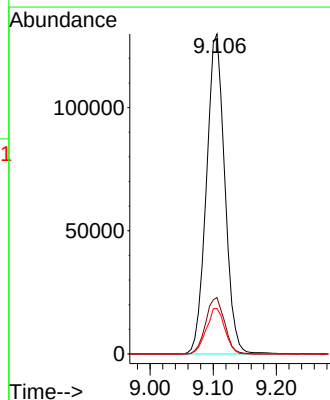
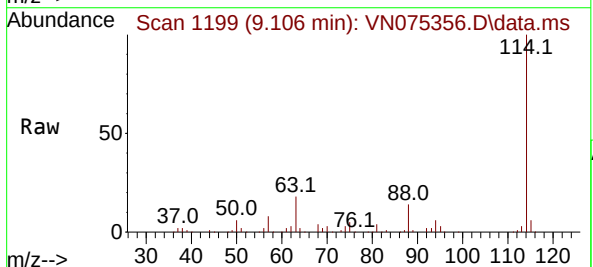
Tgt Ion:114 Resp: 261731

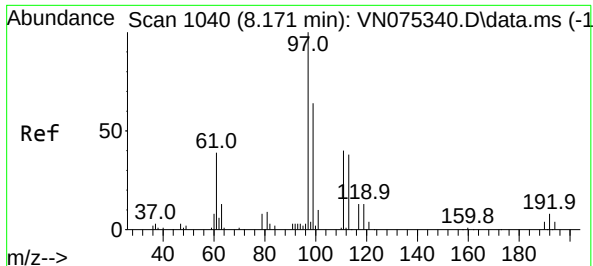
Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 14.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 50.565 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075356.D

Acq: 22 Nov 2022 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 51989

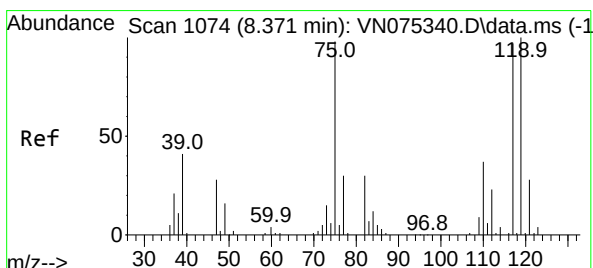
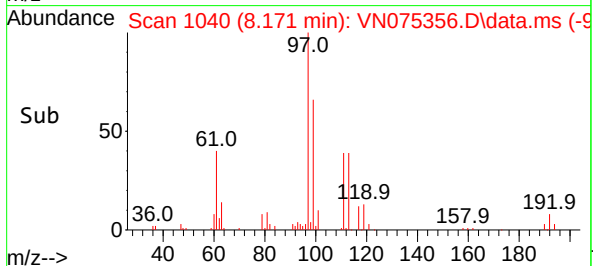
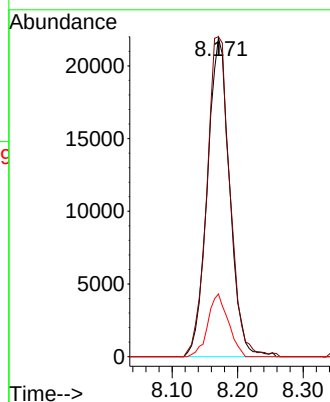
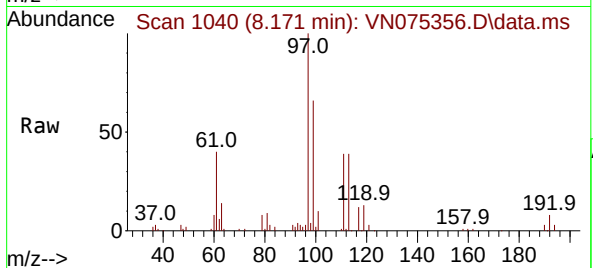
Ion	Ratio	Lower	Upper
113	100		
111	103.5	80.5	120.7
192	17.9	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/25/2022



#36

1,1-Dichloropropene

Concen: 50.541 ug/l

RT: 8.377 min Scan# 1075

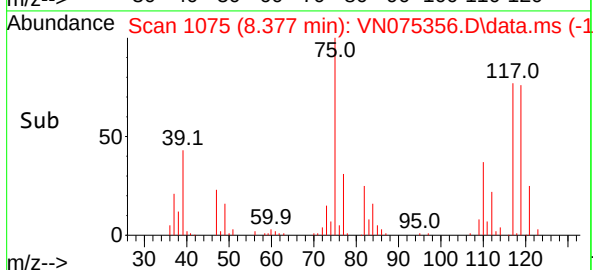
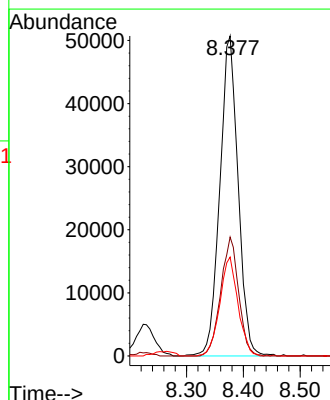
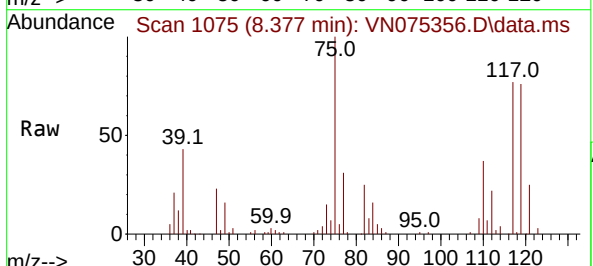
Delta R.T. 0.006 min

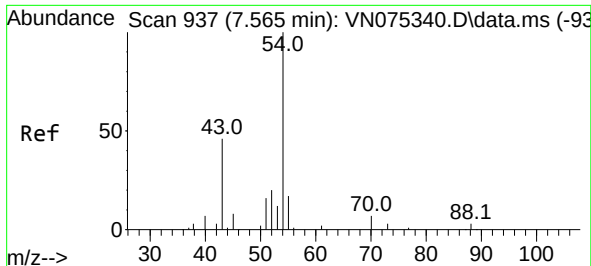
Lab File: VN075356.D

Acq: 22 Nov 2022 10:19

Tgt Ion: 75 Resp: 113322

Ion	Ratio	Lower	Upper
75	100		
110	36.3	17.8	53.3
77	30.8	24.6	37.0





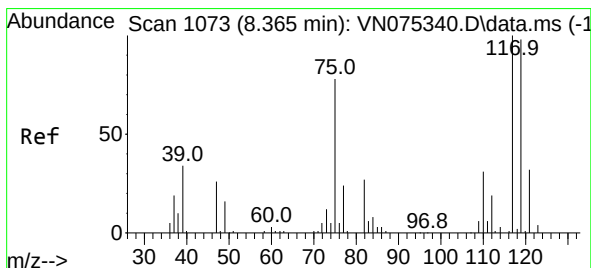
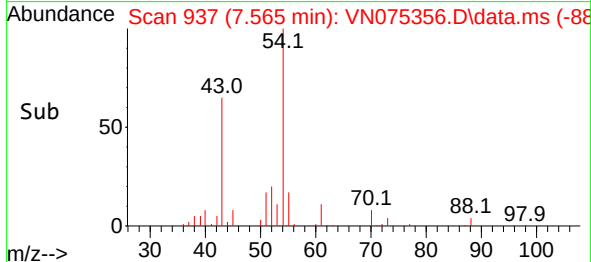
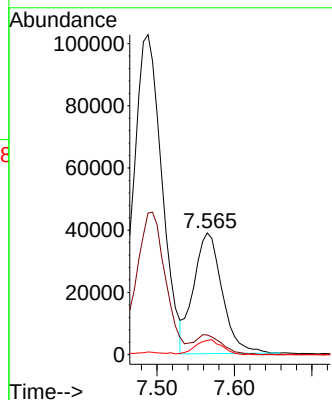
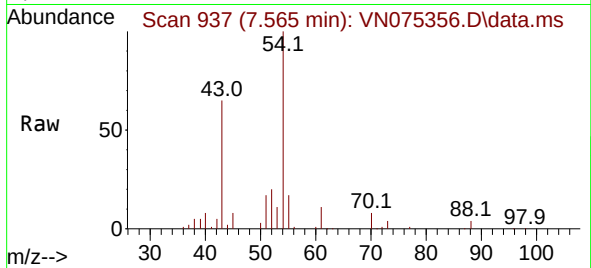
#37
Ethyl Acetate
Concen: 49.317 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 9956
Ion Ratio Lower Upper
43 100
61 15.4 12.2 18.4
70 11.5 9.4 14.2

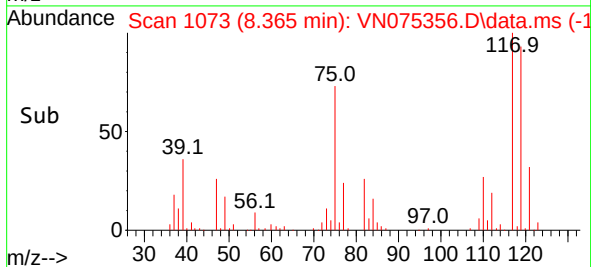
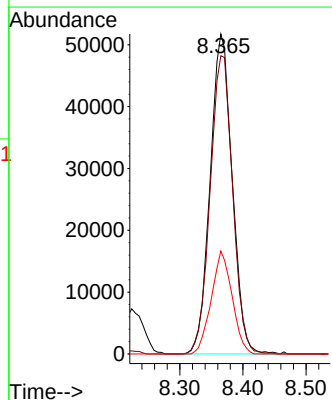
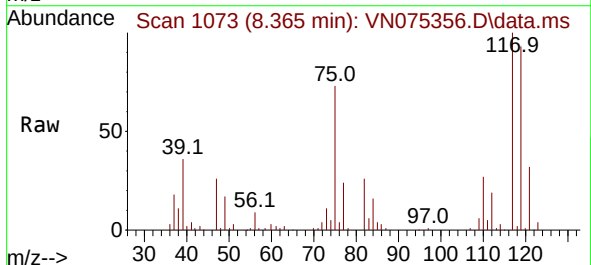
Manual Integrations
APPROVED

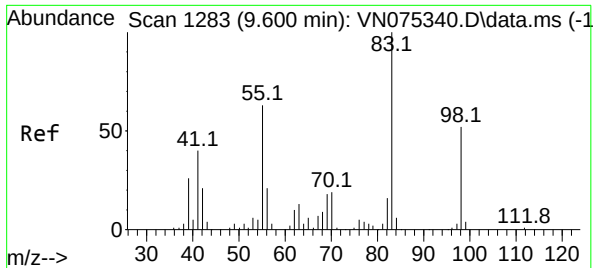
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#38
Carbon Tetrachloride
Concen: 50.999 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

Tgt Ion:117 Resp: 125614
Ion Ratio Lower Upper
117 100
119 93.2 76.7 115.1
121 32.1 23.9 35.9





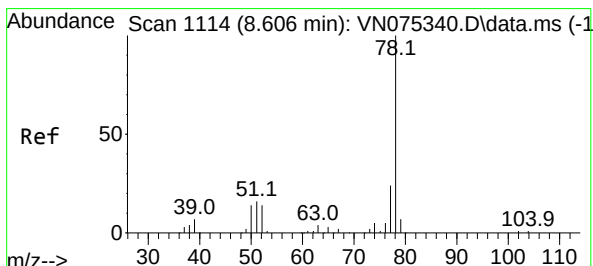
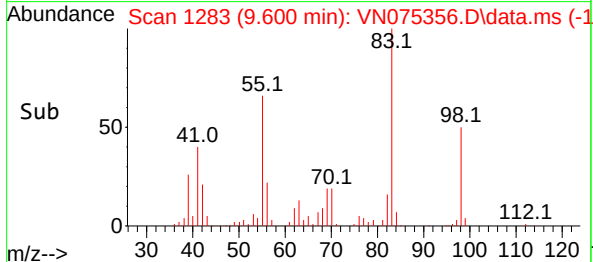
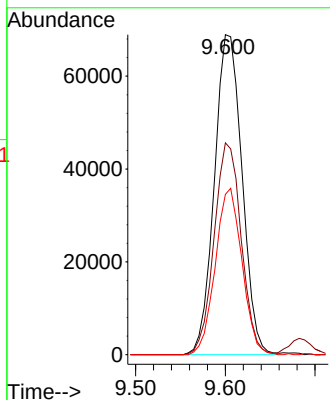
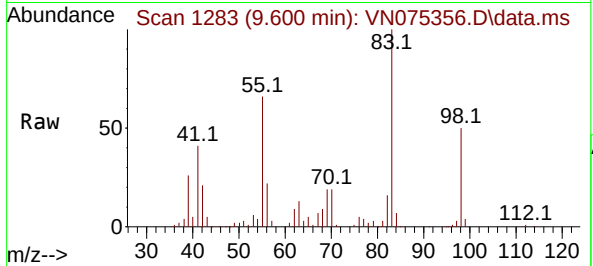
#39
Methylcyclohexane
Concen: 52.605 ug/l
RT: 9.600 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 147619
Ion Ratio Lower Upper
83 100
55 66.2 53.6 80.4
98 50.1 41.1 61.7

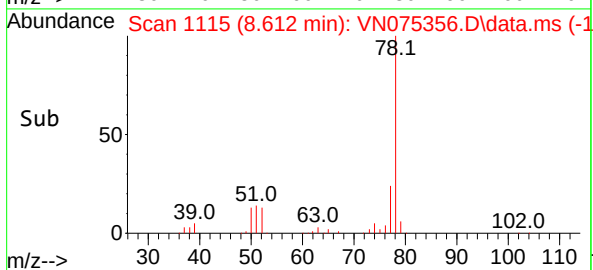
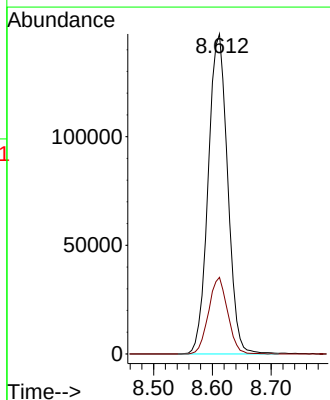
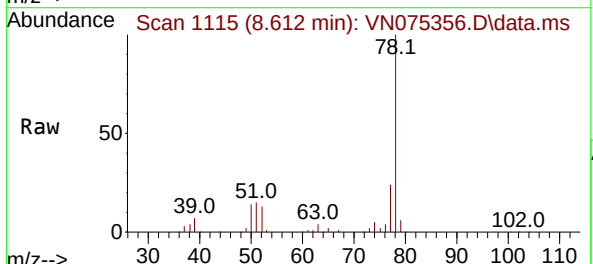
Manual Integrations
APPROVED

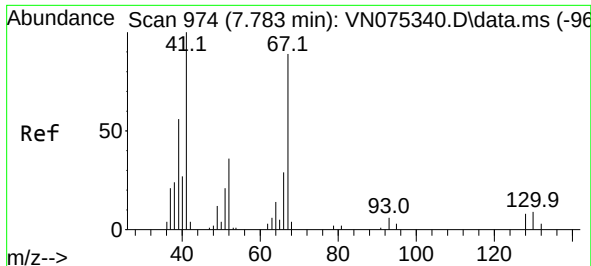
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#40
Benzene
Concen: 49.143 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

Tgt Ion: 78 Resp: 337363
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.0





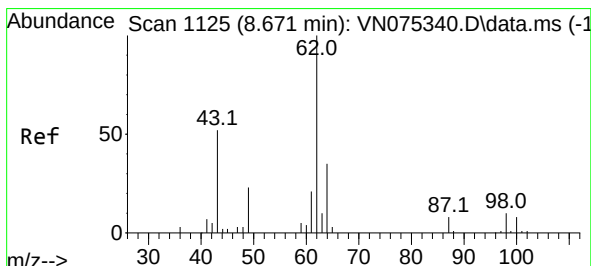
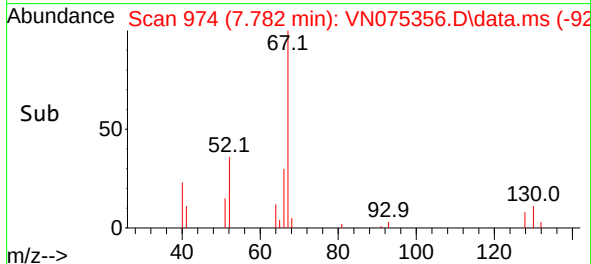
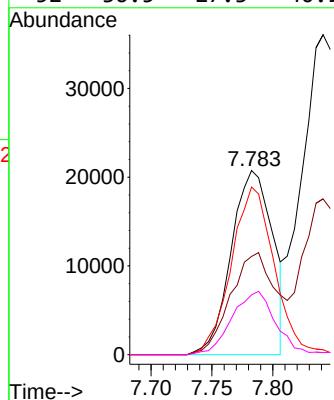
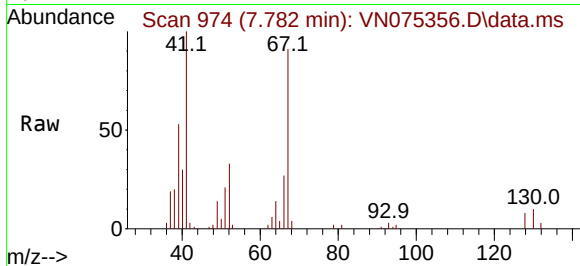
#41
Methacrylonitrile
Concen: 47.609 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 4914
Ion Ratio Lower Upper
41 100
39 61.8 44.4 66.6
67 94.5 69.8 104.6
52 36.5 27.3 40.9

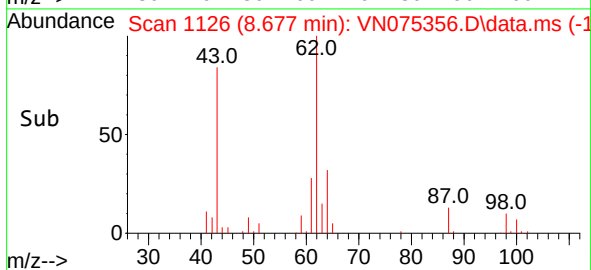
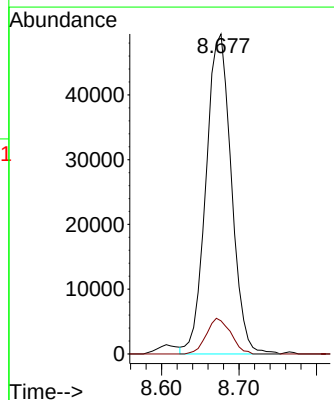
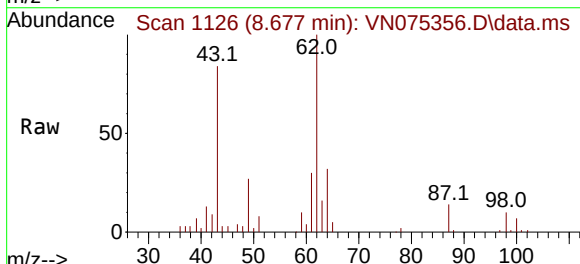
Manual Integrations
APPROVED

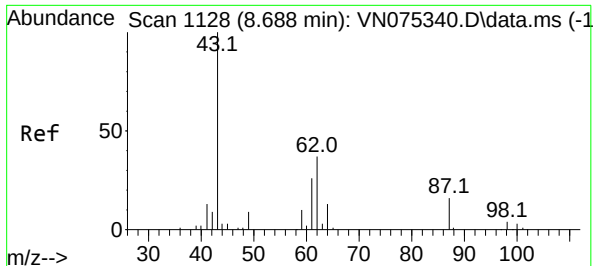
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#42
1,2-Dichloroethane
Concen: 48.809 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

Tgt Ion: 62 Resp: 112218
Ion Ratio Lower Upper
62 100
98 10.7 0.0 18.2





#43

Isopropyl Acetate

Concen: 50.052 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN075356.D

Acq: 22 Nov 2022 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

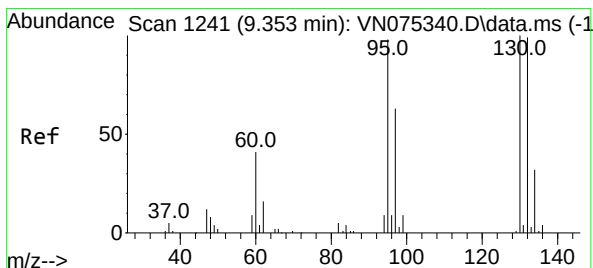
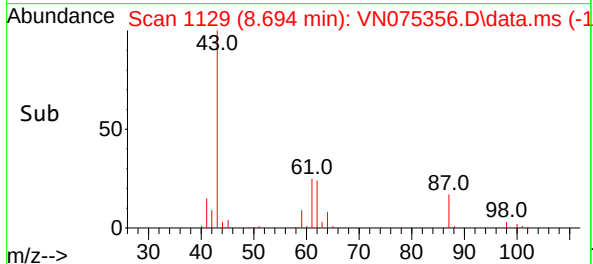
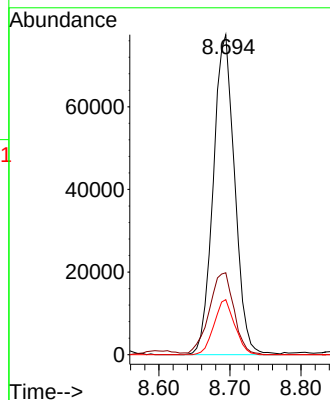
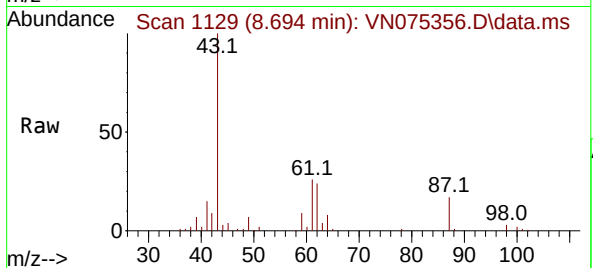
Tgt Ion: 43	Resp: 16220
Ion Ratio	Lower Upper
43 100	
61 29.8	22.4 33.6
87 16.6	12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/25/2022



#44

Trichloroethene

Concen: 49.534 ug/l

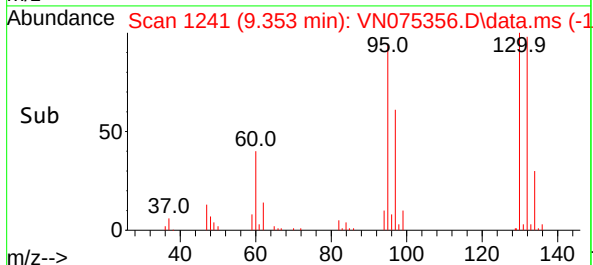
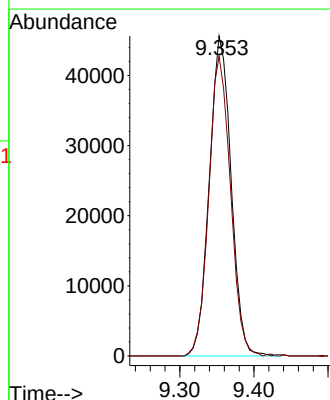
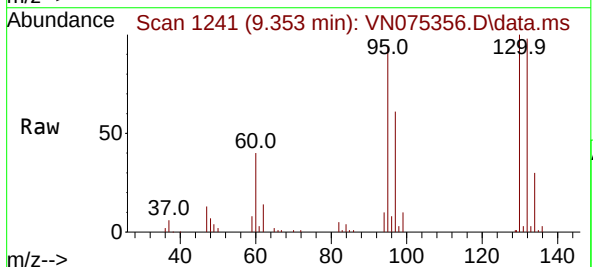
RT: 9.353 min Scan# 1241

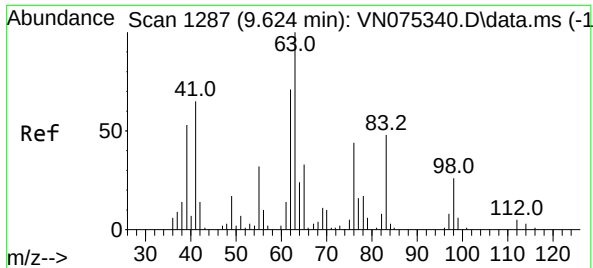
Delta R.T. -0.000 min

Lab File: VN075356.D

Acq: 22 Nov 2022 10:19

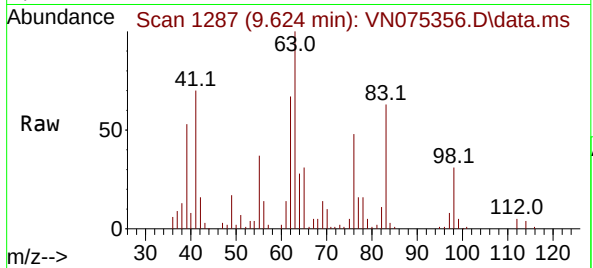
Tgt Ion:130	Resp: 93045
Ion Ratio	Lower Upper
130 100	
95 93.6	0.0 198.4





#45
1,2-Dichloropropane
Concen: 49.290 ug/l
RT: 9.624 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

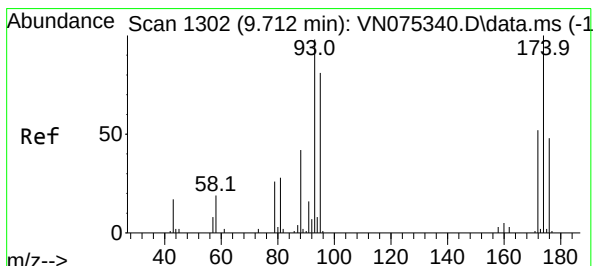
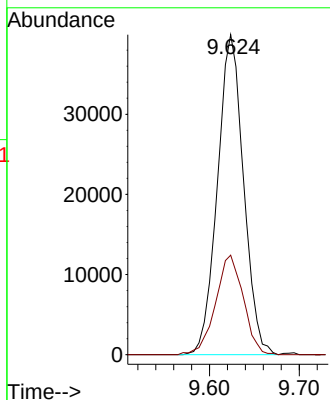
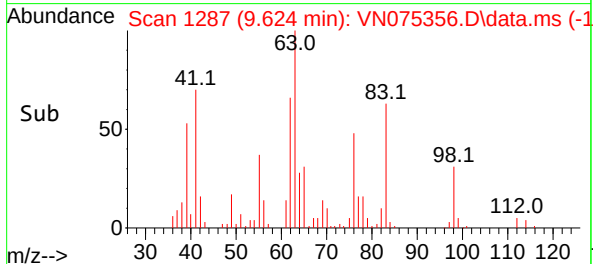
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 80630
Ion Ratio Lower Upper
63 100
65 31.1 26.1 39.1

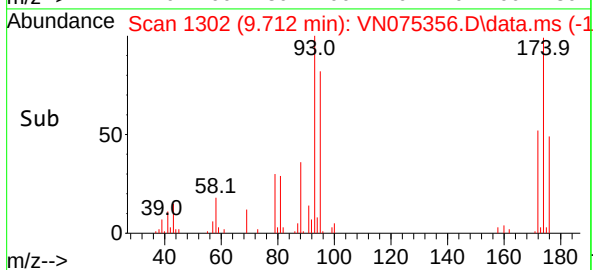
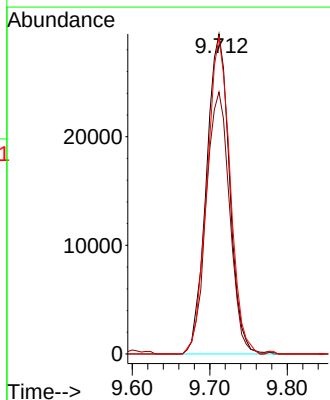
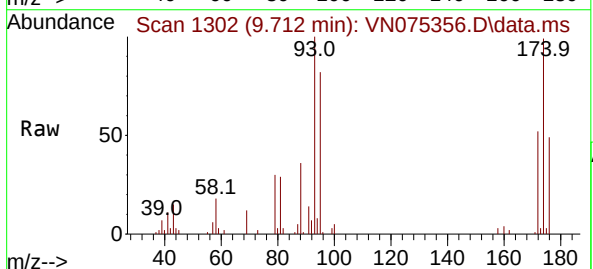
Manual Integrations
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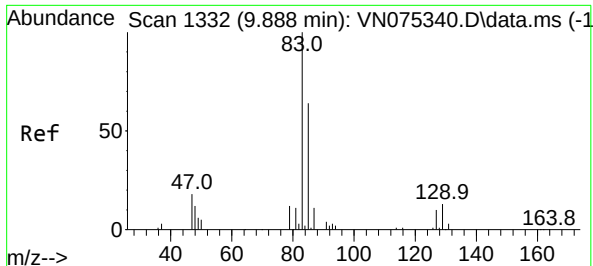
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#46
Dibromomethane
Concen: 49.237 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

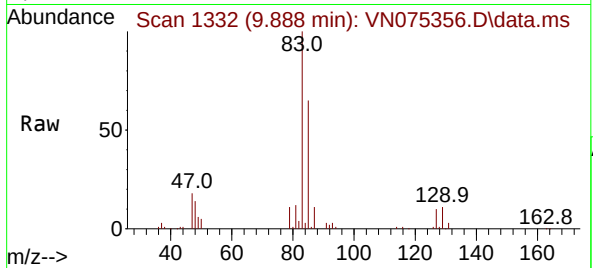
Tgt Ion: 93 Resp: 60926
Ion Ratio Lower Upper
93 100
95 83.4 66.6 99.8
174 98.8 70.3 105.5





#47
Bromodichloromethane
Concen: 50.207 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

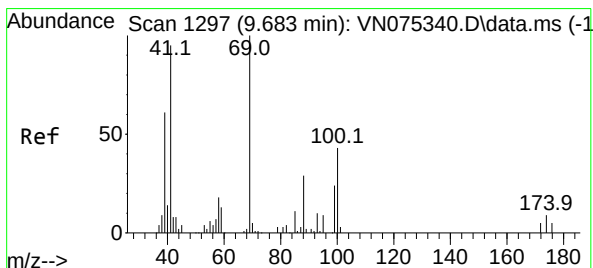
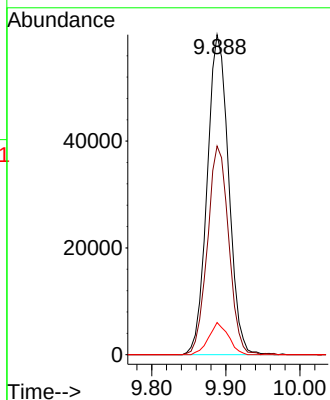
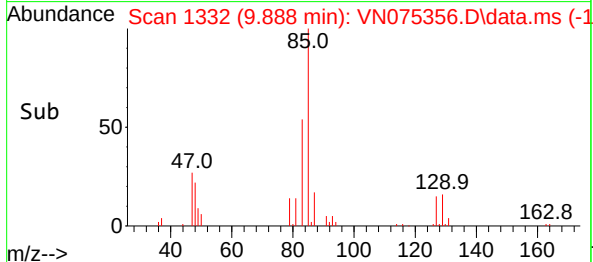
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



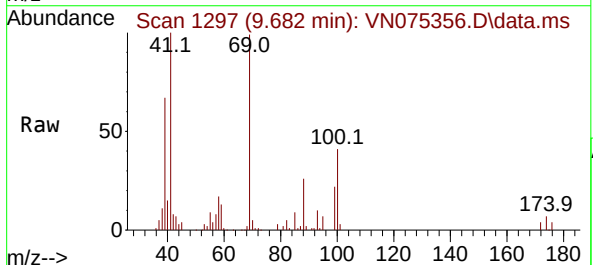
Tgt Ion: 83 Resp: 120310
Ion Ratio Lower Upper
83 100
85 65.2 52.1 78.1
127 10.0 6.6 10.0

Manual Integrations
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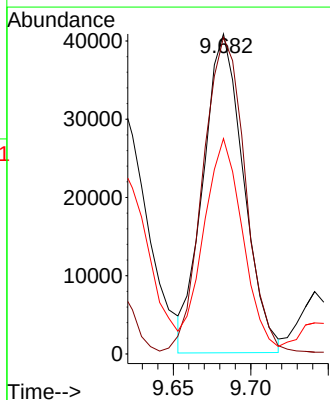
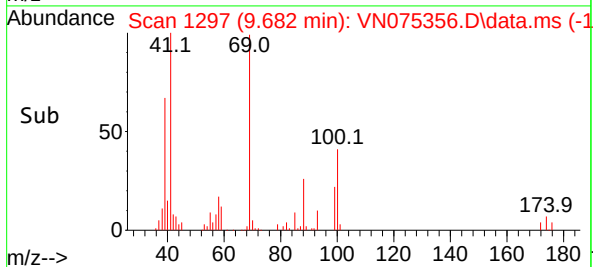
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022

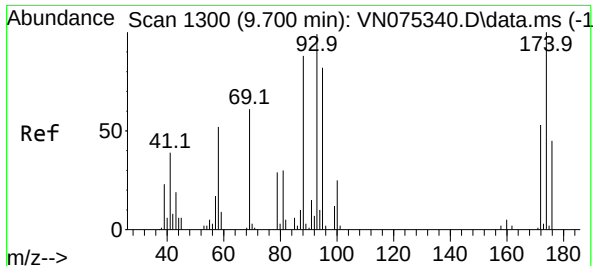


#48
Methyl methacrylate
Concen: 49.366 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.001 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19



Tgt Ion: 41 Resp: 73973
Ion Ratio Lower Upper
41 100
69 104.7 80.2 120.2
39 66.1 56.2 84.2





#49

1,4-Dioxane

Concen: 945.772 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075356.D

Acq: 22 Nov 2022 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 4024

Ion Ratio Lower Upper

88 100

43 22.9 17.5 26.3

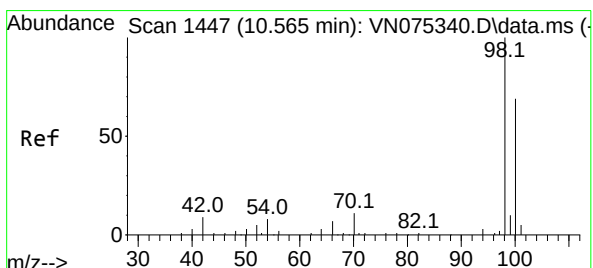
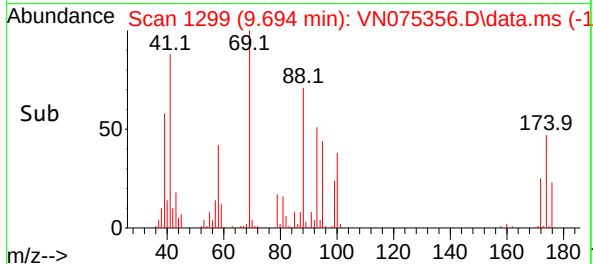
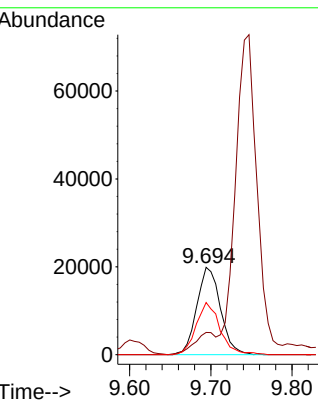
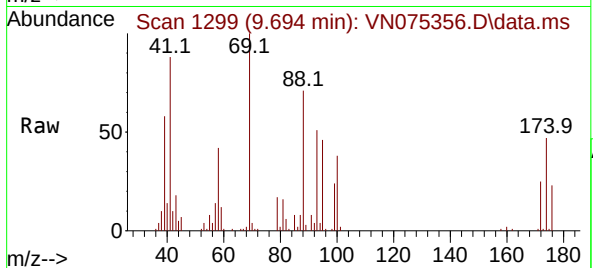
58 60.6 49.8 74.8

Manual Integrations

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Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/25/2022



#50

Toluene-d8

Concen: 51.485 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075356.D

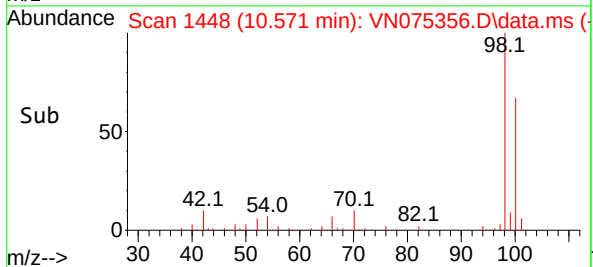
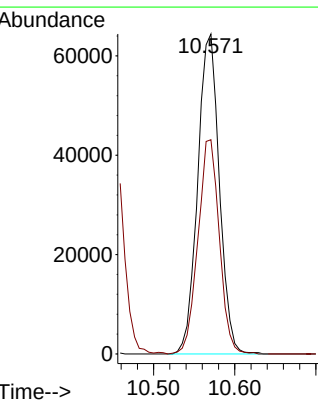
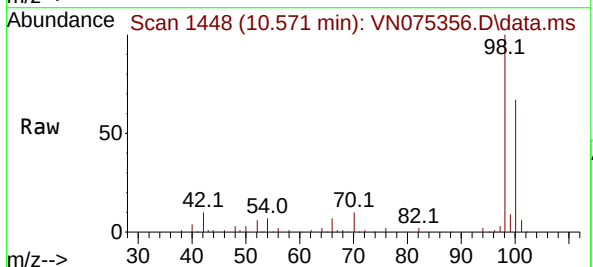
Acq: 22 Nov 2022 10:19

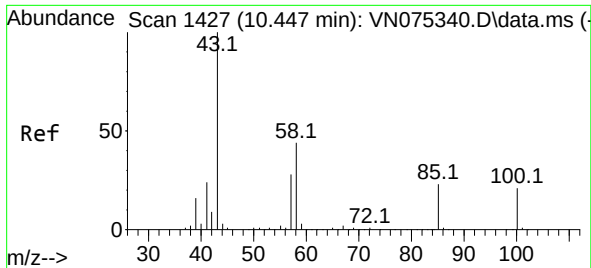
Tgt Ion: 98 Resp: 119225

Ion Ratio Lower Upper

98 100

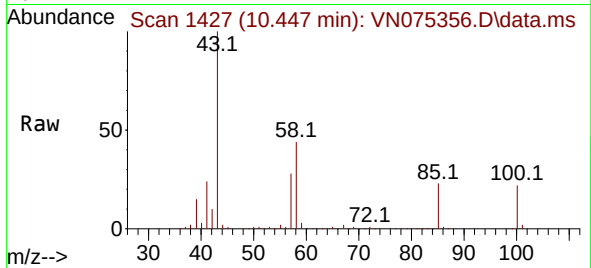
100 66.1 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 247.061 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

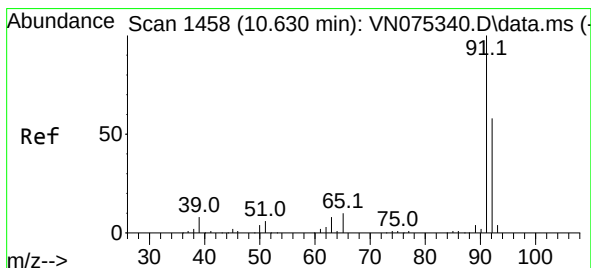
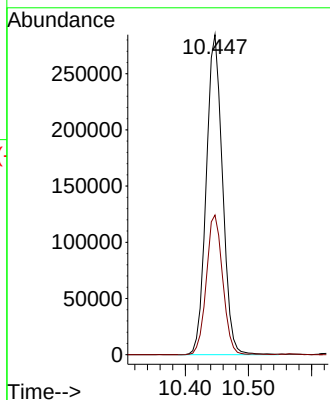
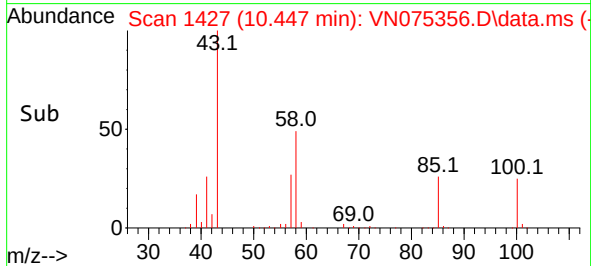
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 50994
Ion Ratio Lower Upper
43 100
58 43.7 33.6 50.4

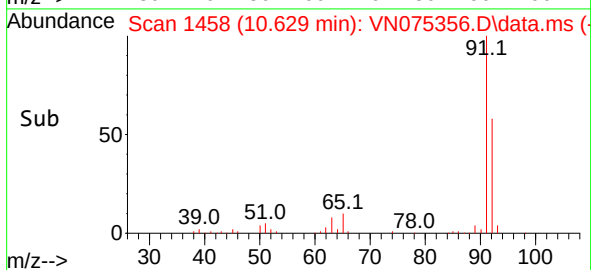
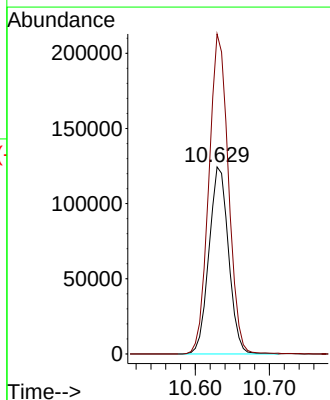
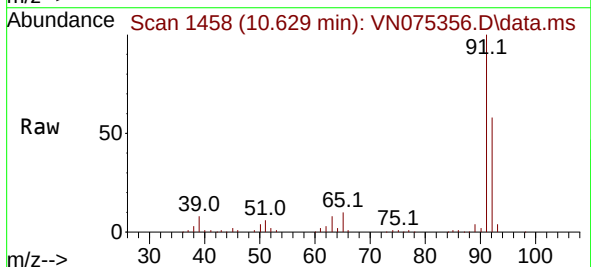
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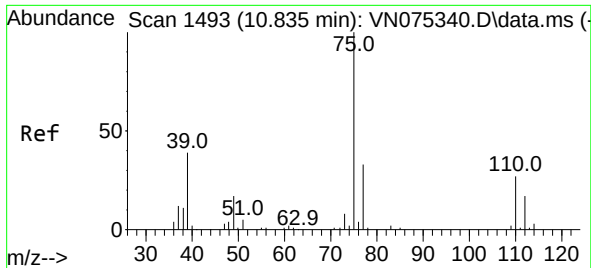
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#52
Toluene
Concen: 51.499 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.001 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

Tgt Ion: 92 Resp: 227821
Ion Ratio Lower Upper
92 100
91 171.8 135.4 203.2





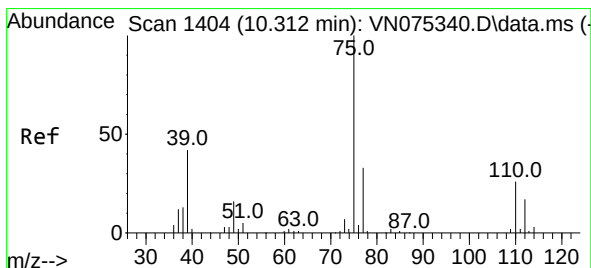
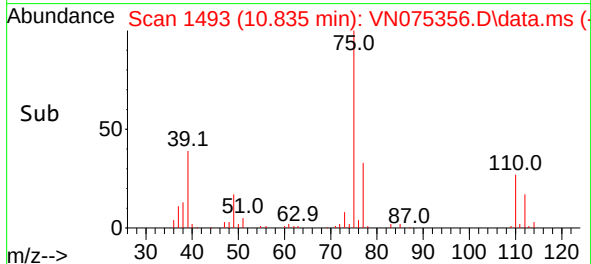
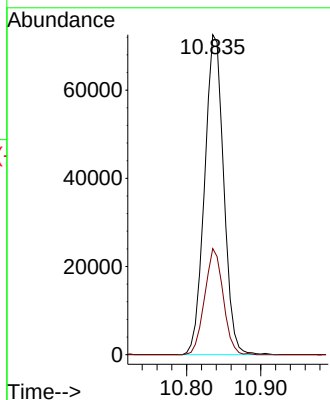
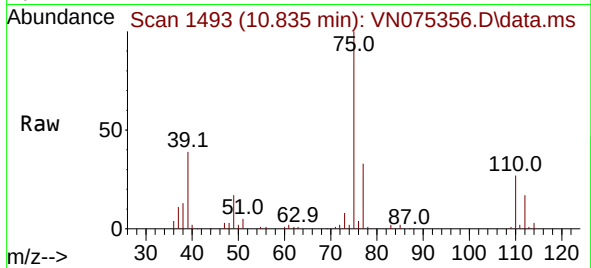
#53
t-1,3-Dichloropropene
Concen: 53.995 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 12989
Ion Ratio Lower Upper
75 100
77 33.2 25.4 38.2

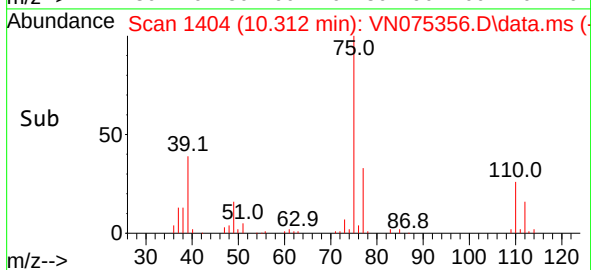
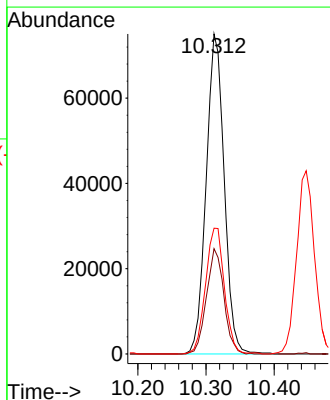
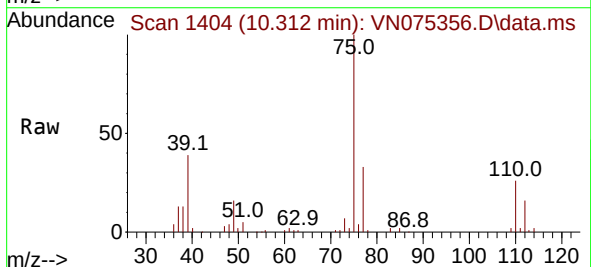
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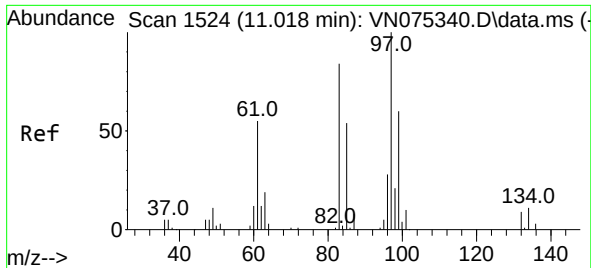
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#54
cis-1,3-Dichloropropene
Concen: 52.947 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

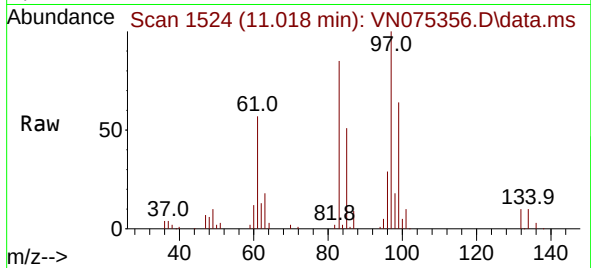
Tgt Ion: 75 Resp: 138340
Ion Ratio Lower Upper
75 100
77 32.9 23.7 35.5
39 39.3 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 48.922 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

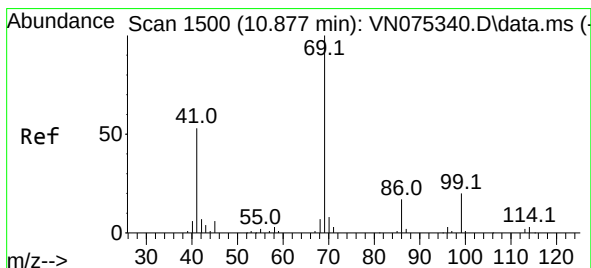
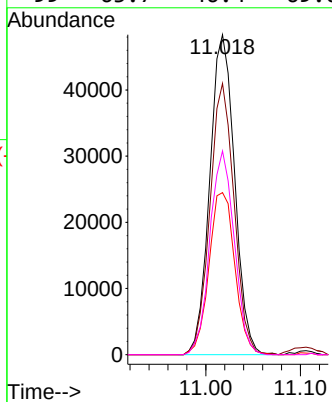
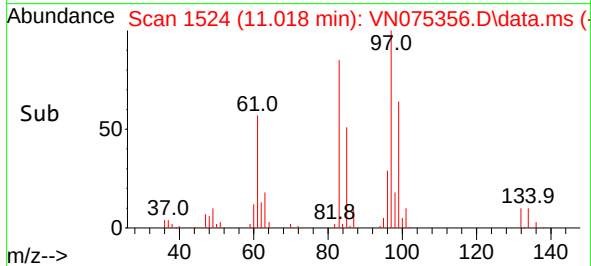
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	8814
Ion Ratio	100	Lower	Upper
97	100		
83	84.8	65.9	98.9
85	50.6	40.4	60.6
99	63.7	46.4	69.6

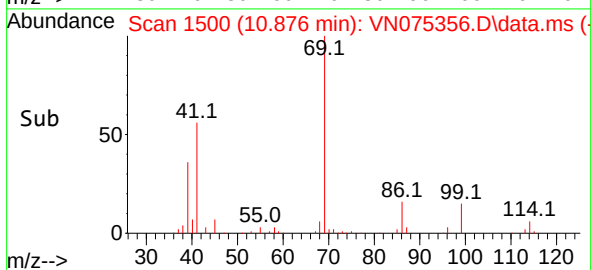
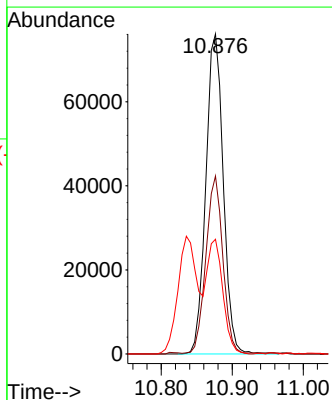
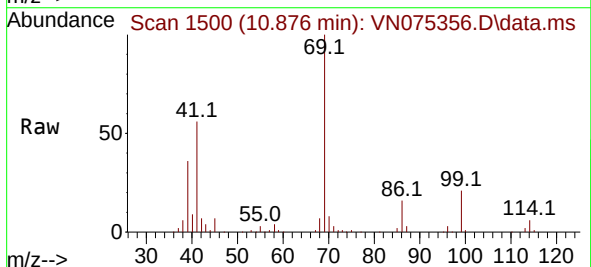
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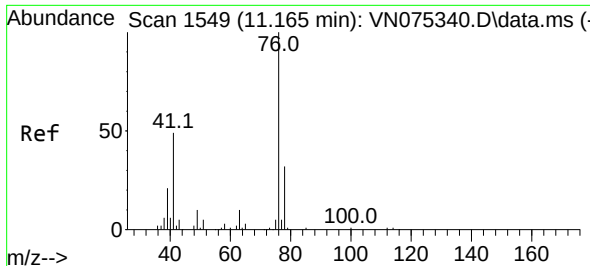
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#56
Ethyl methacrylate
Concen: 53.341 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

Tgt Ion:	69	Resp:	129793
Ion Ratio	100	Lower	Upper
69	100		
41	53.7	45.6	68.4
39	32.2	28.5	42.7





#57

1,3-Dichloropropane

Concen: 49.452 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN075356.D

Acq: 22 Nov 2022 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 14528

Ion Ratio Lower Upper

76 100

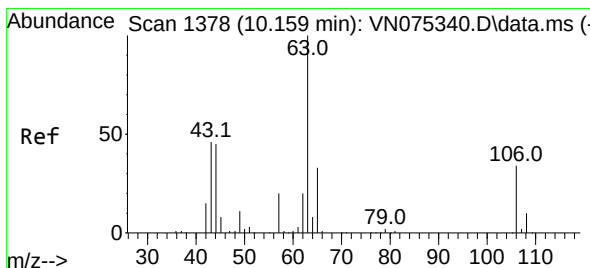
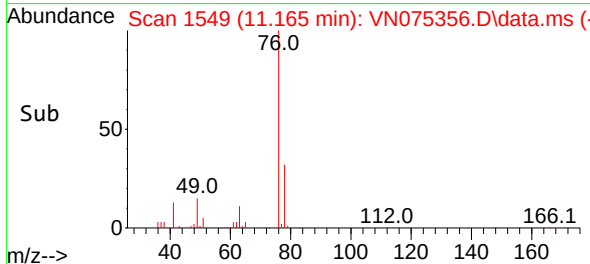
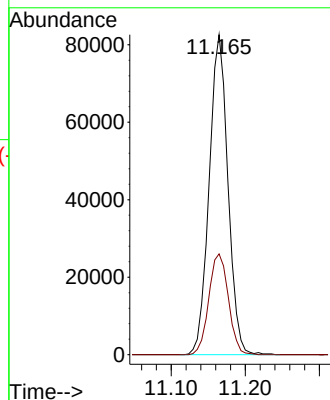
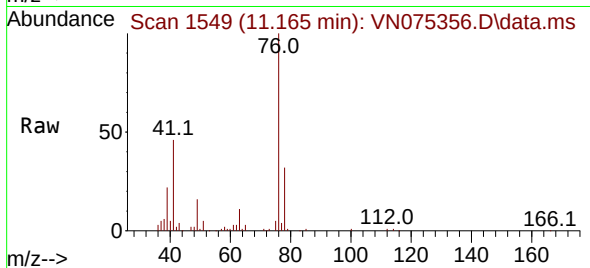
78 32.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/25/2022



#58

2-Chloroethyl Vinyl ether

Concen: 268.210 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.000 min

Lab File: VN075356.D

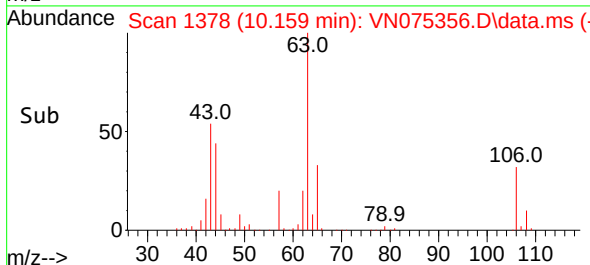
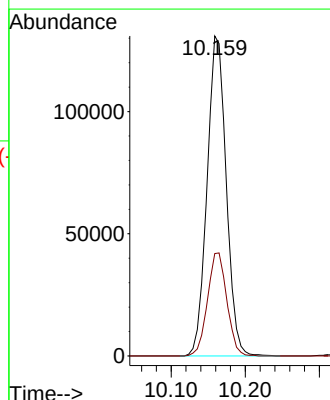
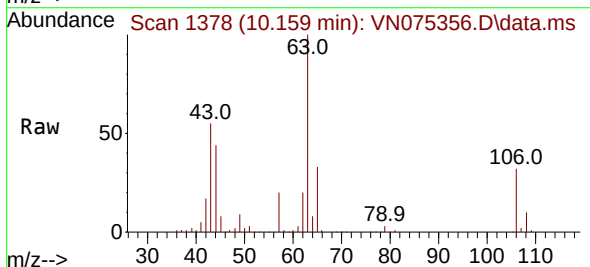
Acq: 22 Nov 2022 10:19

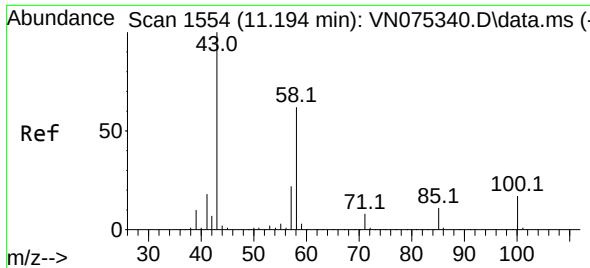
Tgt Ion: 63 Resp: 235374

Ion Ratio Lower Upper

63 100

106 32.5 24.8 37.2





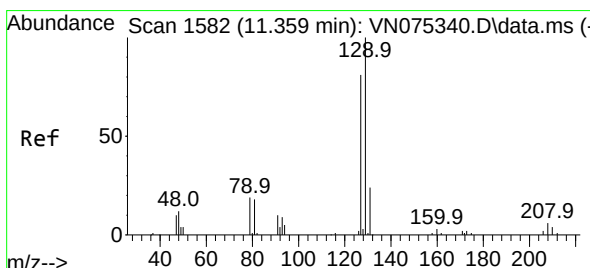
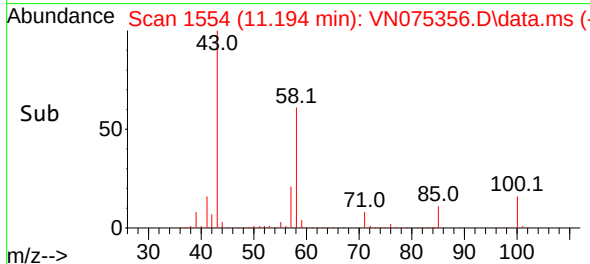
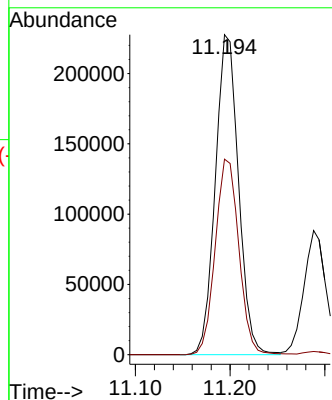
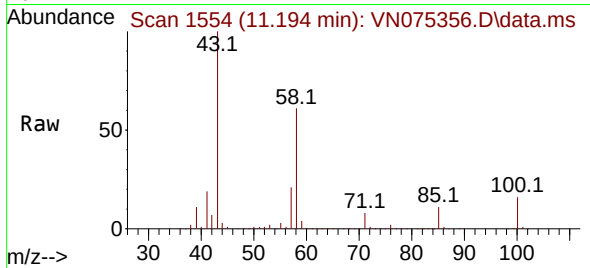
#59
2-Hexanone
Concen: 250.256 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 387868
Ion Ratio Lower Upper
43 100
58 62.1 29.6 88.8

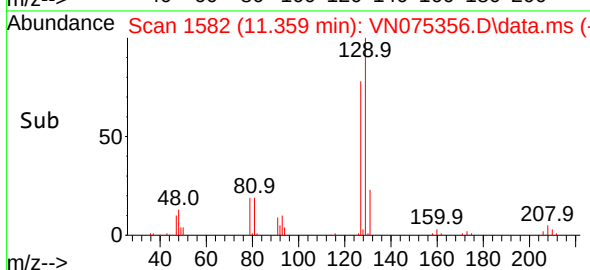
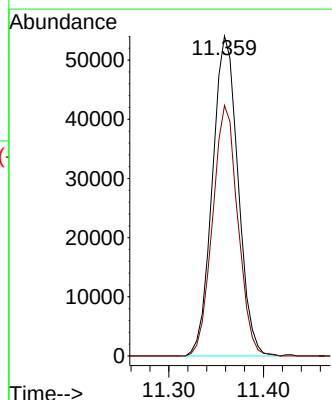
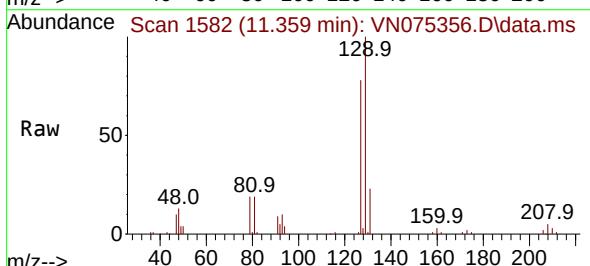
Manual Integrations
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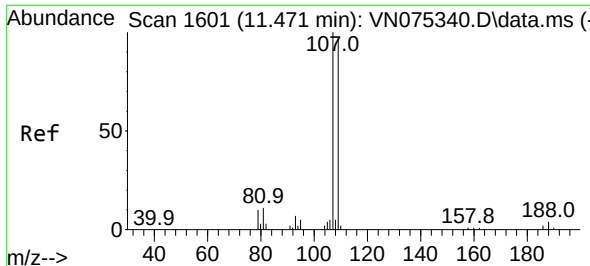
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#60
Dibromochloromethane
Concen: 54.961 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

Tgt Ion:129 Resp: 101648
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8





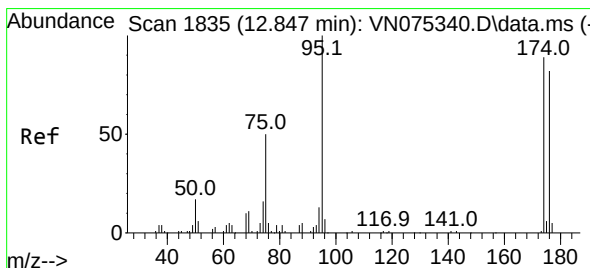
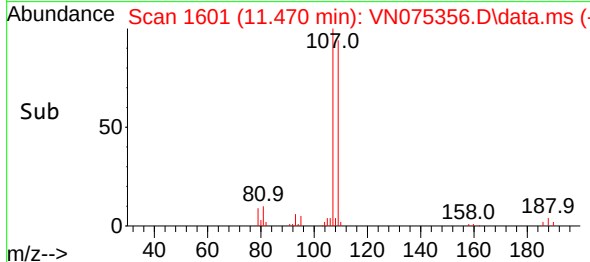
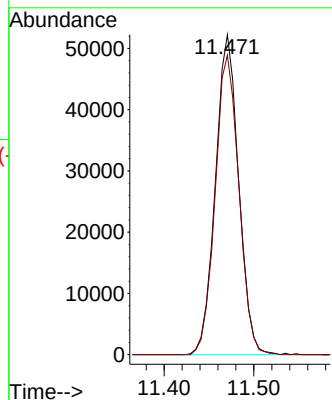
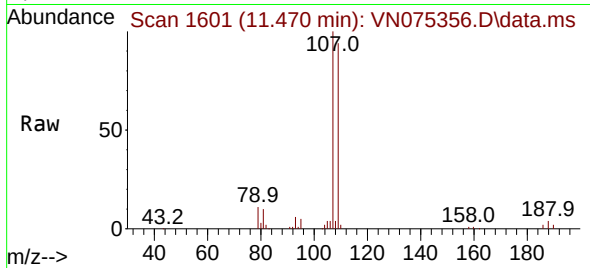
#61
1,2-Dibromoethane
Concen: 50.153 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.001 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 93792
Ion Ratio Lower Upper
107 100
109 95.5 75.6 113.4

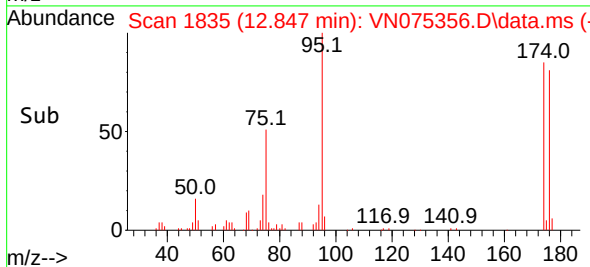
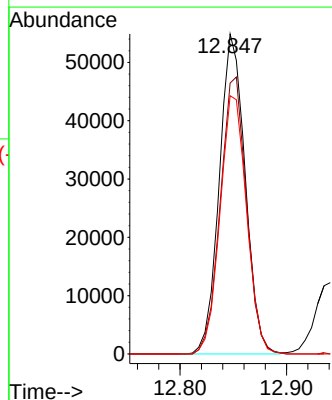
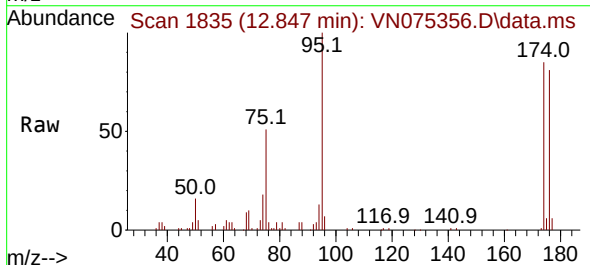
Manual Integrations
APPROVED

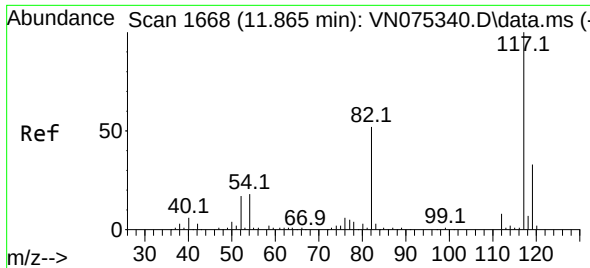
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#62
4-Bromofluorobenzene
Concen: 54.001 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

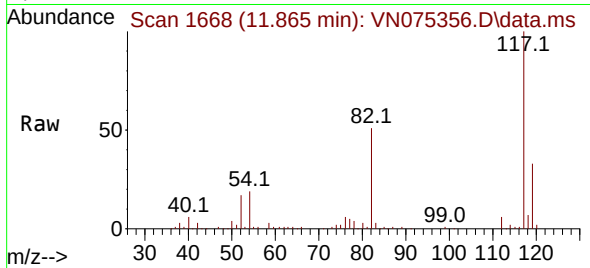
Tgt Ion: 95 Resp: 92302
Ion Ratio Lower Upper
95 100
174 87.7 0.0 147.4
176 83.0 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

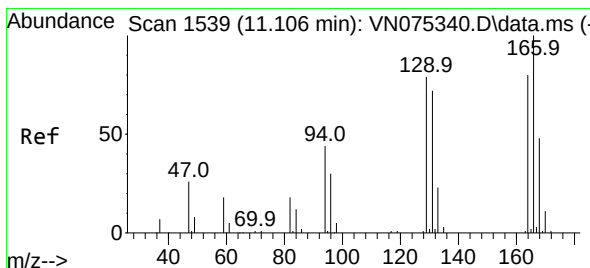
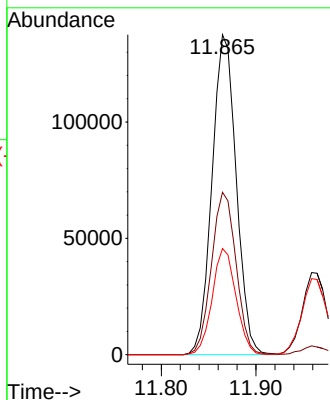
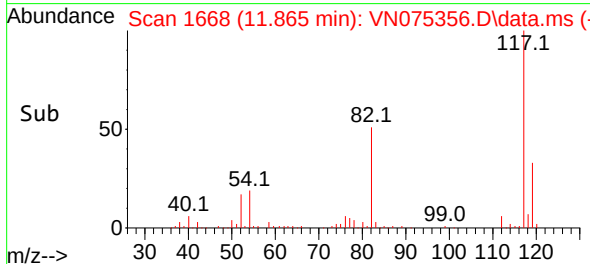
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



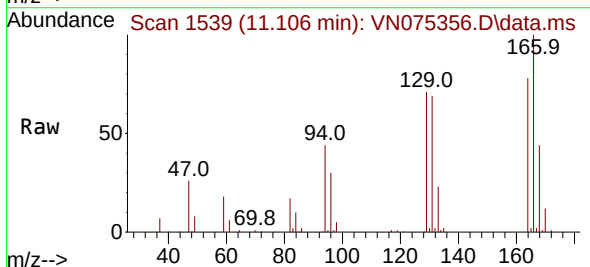
Tgt Ion:117 Resp: 24454
Ion Ratio Lower Upper
117 100
82 50.7 43.1 64.7
119 33.1 25.5 38.3

Manual Integrations
APPROVED

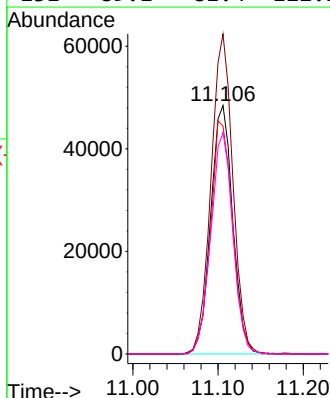
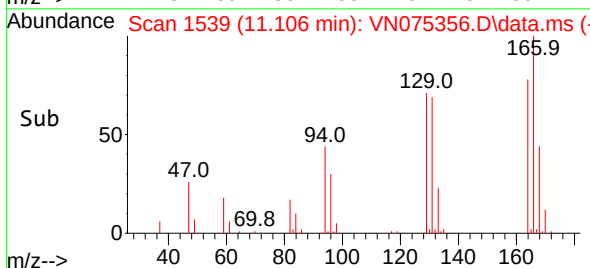
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022

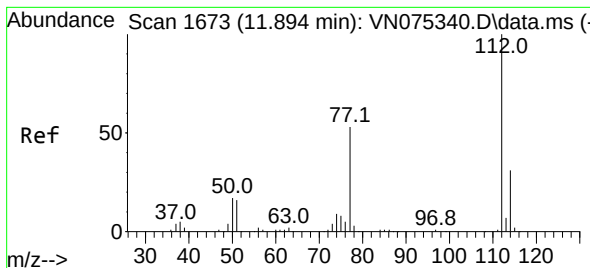


#64
Tetrachloroethene
Concen: 46.683 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19



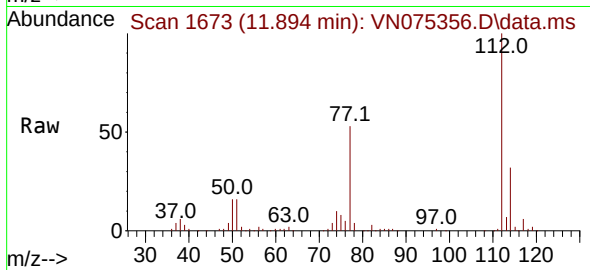
Tgt Ion:164 Resp: 87179
Ion Ratio Lower Upper
164 100
166 128.8 106.5 159.7
129 91.7 81.9 122.9
131 89.1 81.4 122.2





#65
Chlorobenzene
Concen: 48.622 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

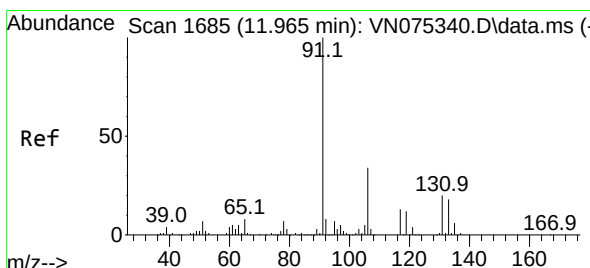
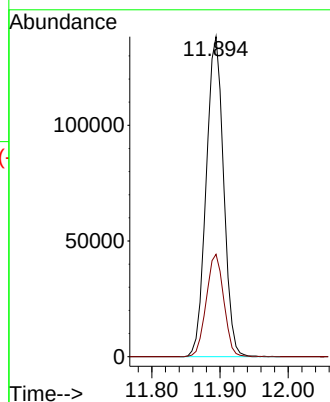
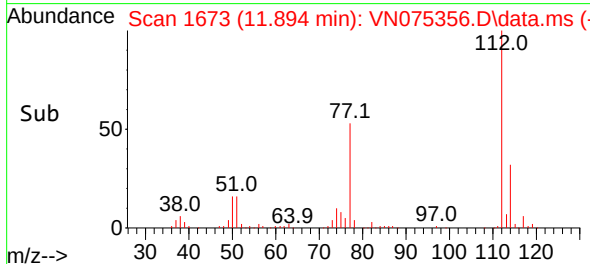
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



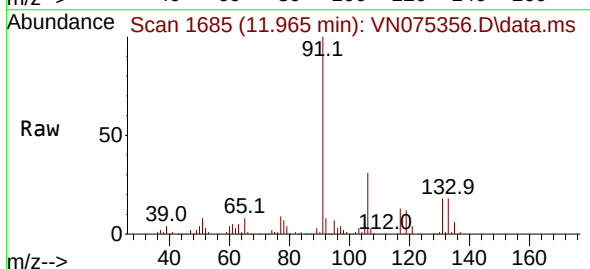
Tgt Ion:112 Resp: 245550
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2

Manual Integrations
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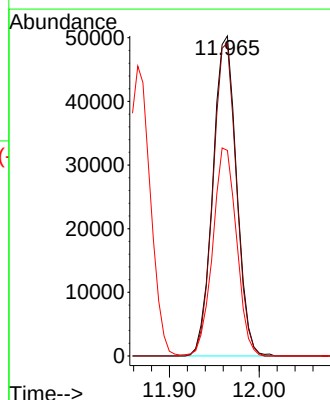
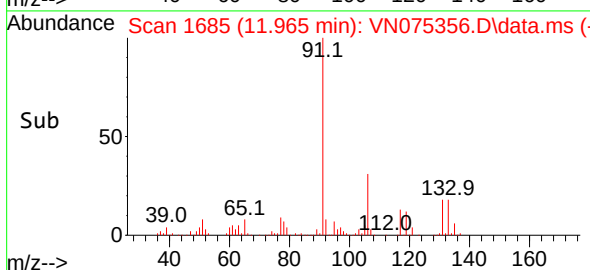
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022

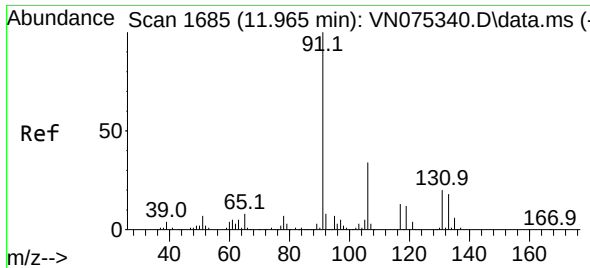


#66
1,1,1,2-Tetrachloroethane
Concen: 49.012 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19



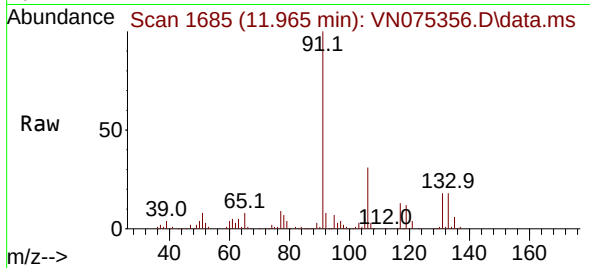
Tgt Ion:131 Resp: 92380
Ion Ratio Lower Upper
131 100
133 96.4 47.8 143.4
119 65.3 33.0 99.0





#67
Ethyl Benzene
Concen: 51.778 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

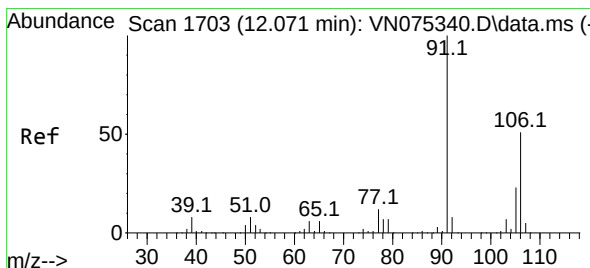
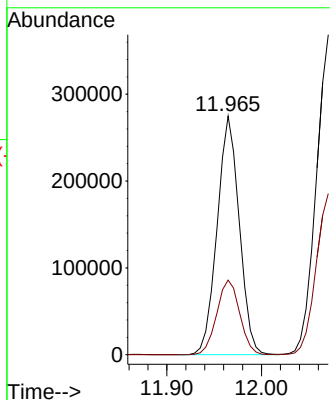
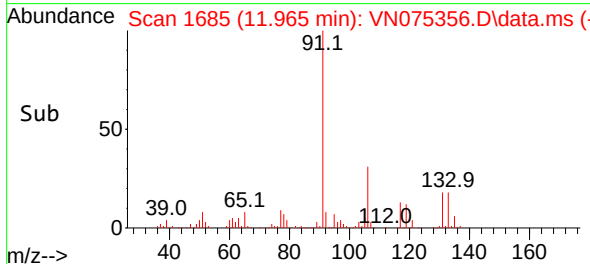
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



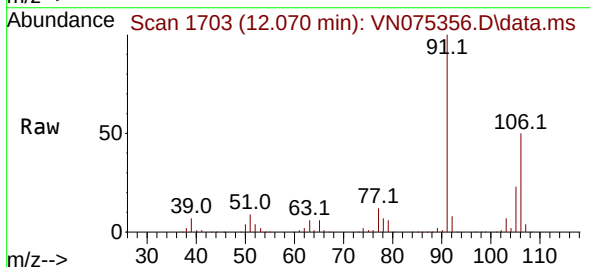
Tgt Ion: 91 Resp: 446115
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3

Manual Integrations
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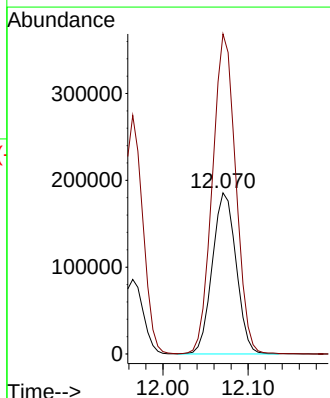
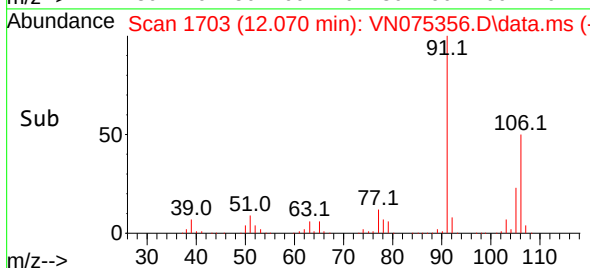
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022

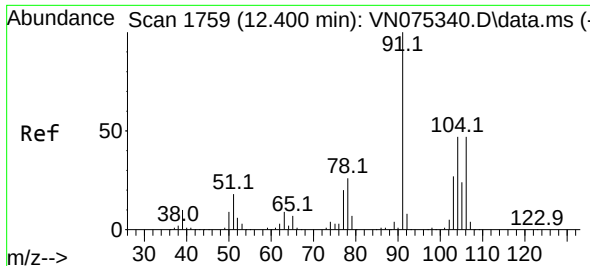


#68
m/p-Xylenes
Concen: 103.080 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19



Tgt Ion:106 Resp: 360662
Ion Ratio Lower Upper
106 100
91 195.1 156.0 234.0





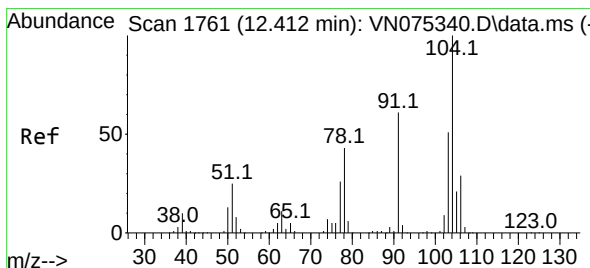
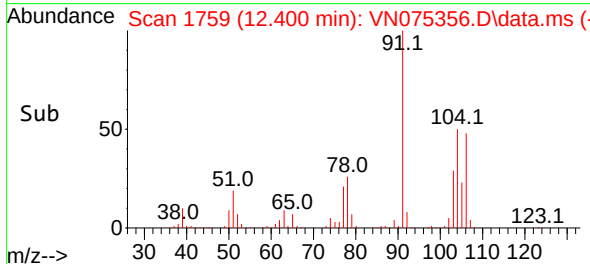
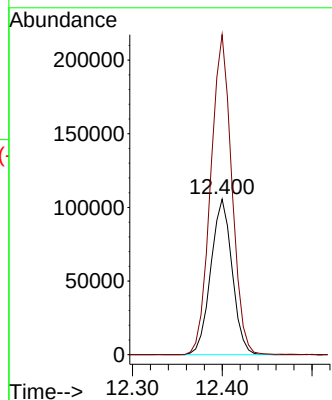
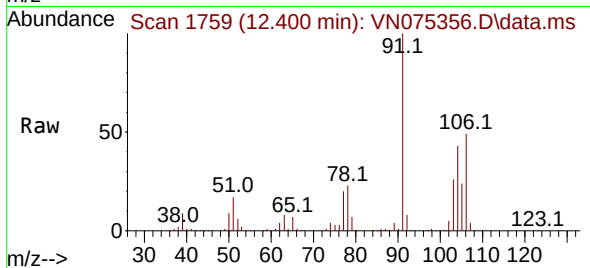
#69
o-Xylene
Concen: 50.041 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 173959
Ion Ratio Lower Upper
106 100
91 204.1 105.2 315.5

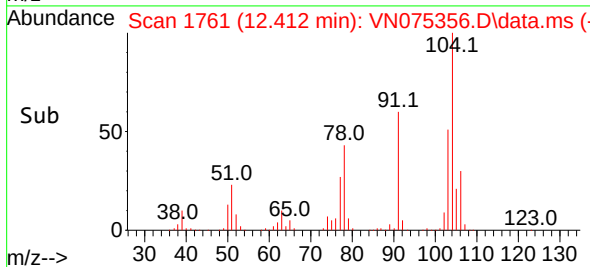
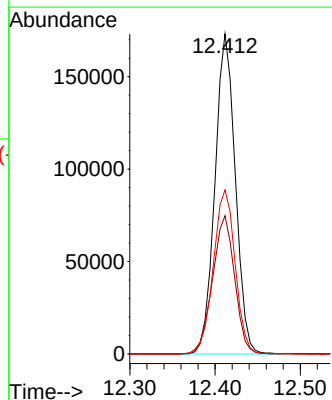
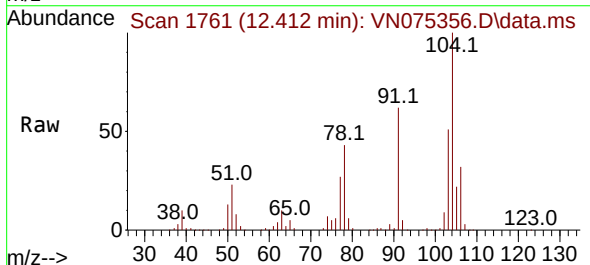
Manual Integrations
APPROVED

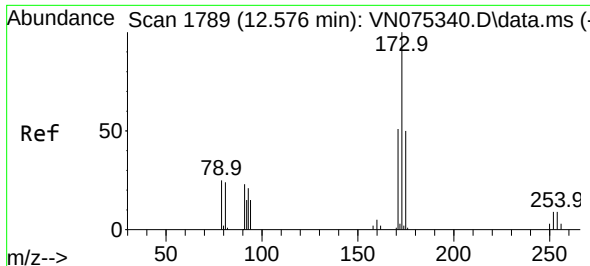
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#70
Styrene
Concen: 52.421 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

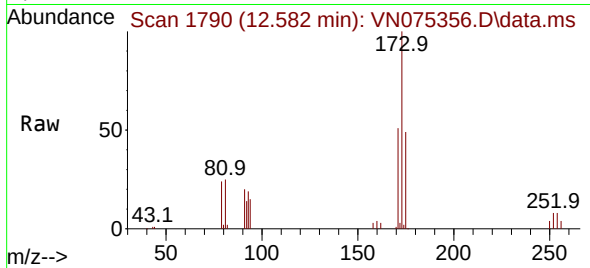
Tgt Ion:104 Resp: 287477
Ion Ratio Lower Upper
104 100
78 46.8 38.1 57.1
103 55.0 44.6 66.8





#71
Bromoform
Concen: 53.913 ug/l
RT: 12.582 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

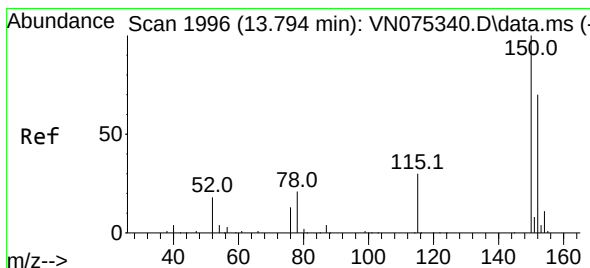
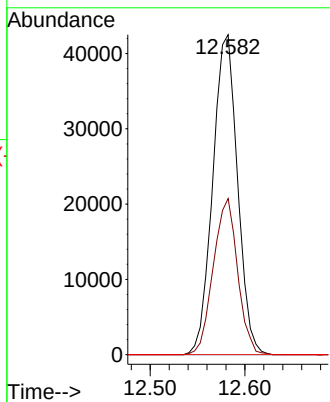
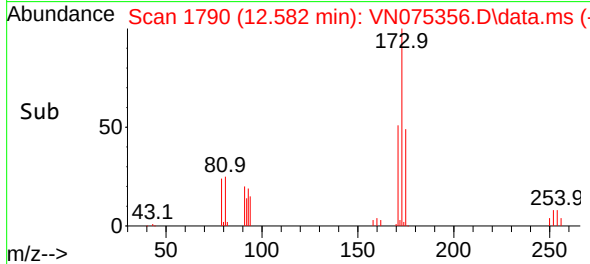
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 77340
Ion Ratio Lower Upper
173 100
175 47.9 24.6 74.0
254 0.0 0.0 0.0

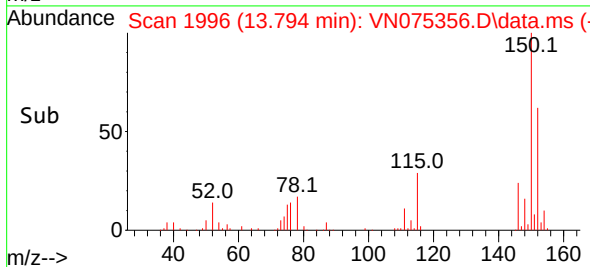
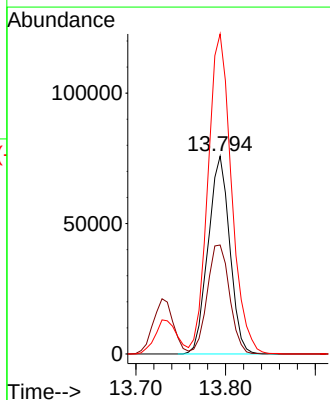
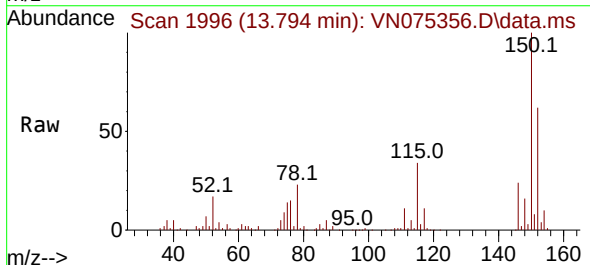
Manual Integrations
APPROVED

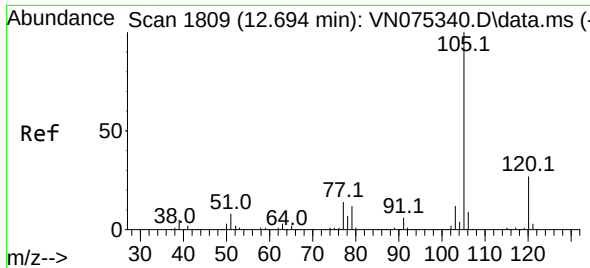
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

Tgt Ion:152 Resp: 126836
Ion Ratio Lower Upper
152 100
115 57.0 30.2 90.6
150 176.2 0.0 348.4





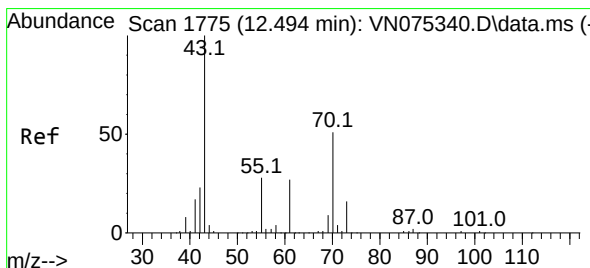
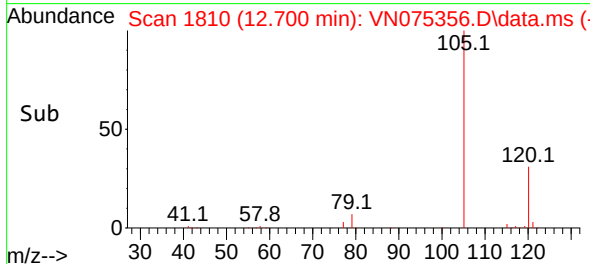
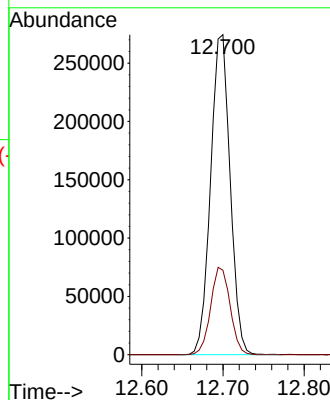
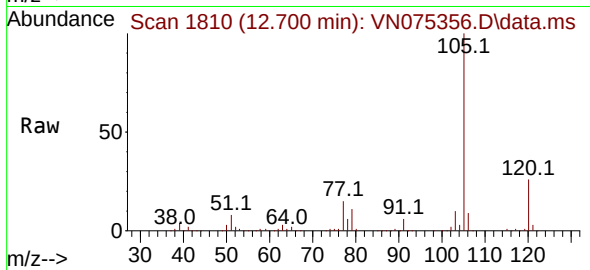
#73
Isopropylbenzene
Concen: 49.494 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 45864
Ion Ratio Lower Upper
105 100
120 27.1 13.1 39.1

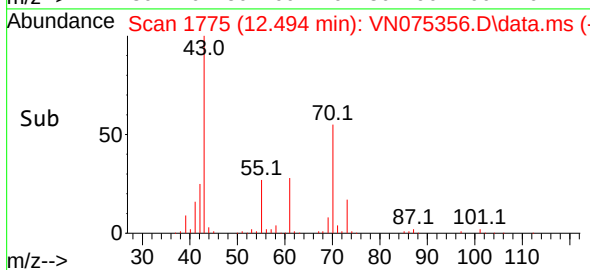
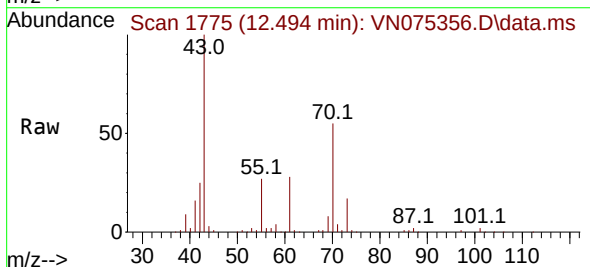
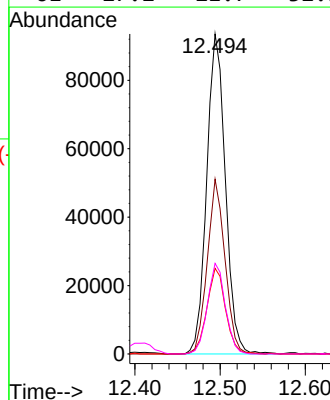
Manual Integrations
APPROVED

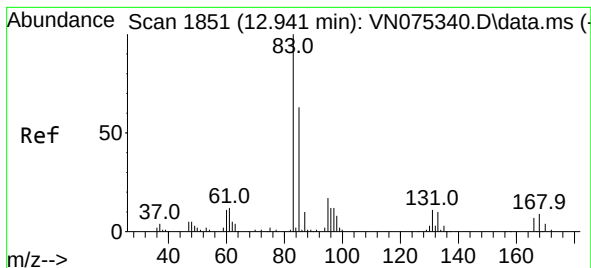
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#74
N-ethyl acetate
Concen: 49.988 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

Tgt Ion: 43 Resp: 142409
Ion Ratio Lower Upper
43 100
70 51.8 39.8 59.8
55 26.7 19.9 29.9
61 27.2 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 47.127 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN075356.D

Acq: 22 Nov 2022 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 13314

Ion Ratio Lower Upper

83 100

131 11.0 5.1 15.3

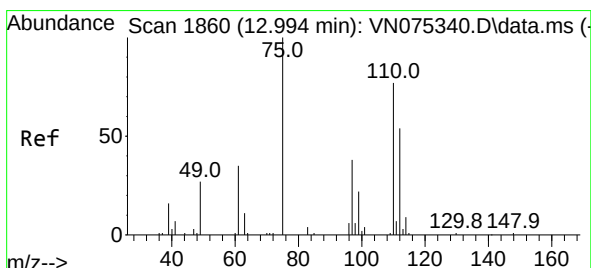
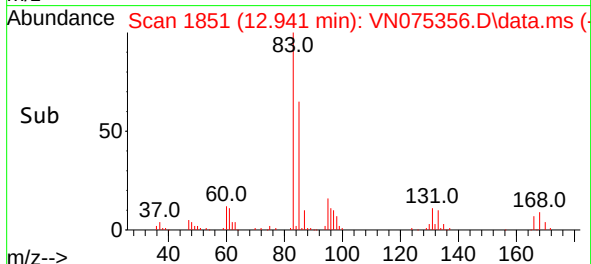
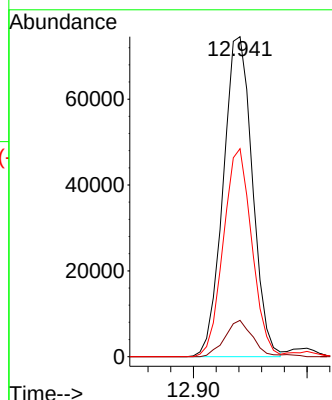
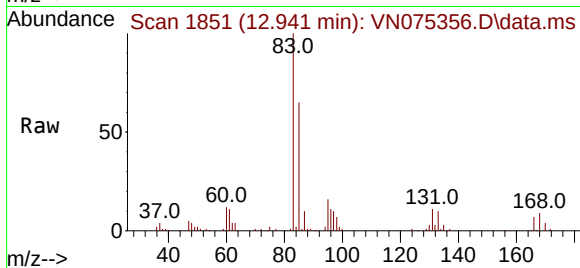
85 63.6 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/25/2022



#76

1,2,3-Trichloropropane

Concen: 46.874 ug/l m

RT: 12.994 min Scan# 1860

Delta R.T. -0.000 min

Lab File: VN075356.D

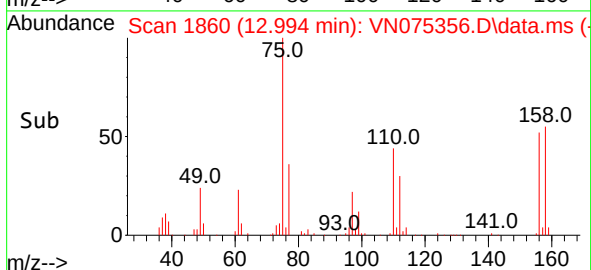
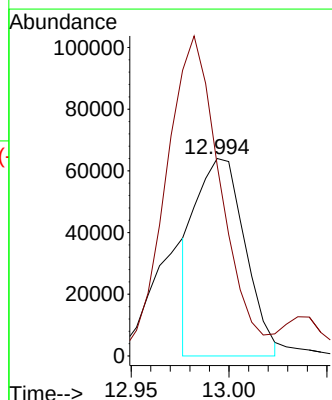
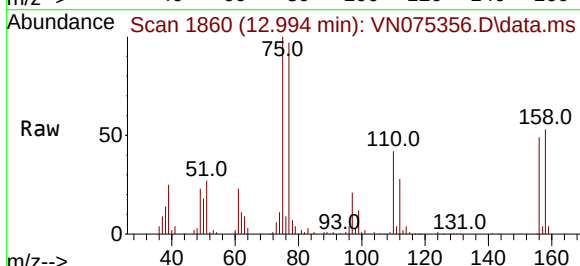
Acq: 22 Nov 2022 10:19

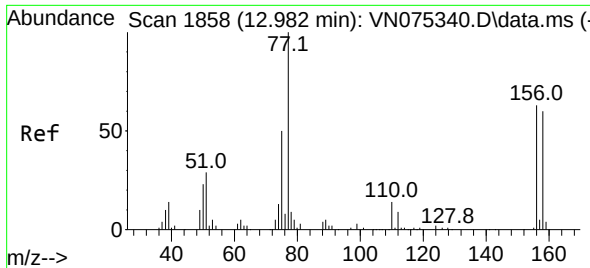
Tgt Ion: 75 Resp: 112410

Ion Ratio Lower Upper

75 100

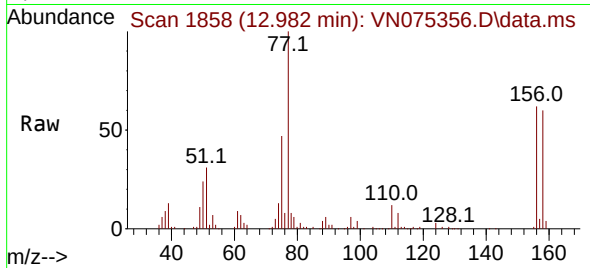
77 179.2 75.6 226.8





#77
Bromobenzene
Concen: 47.576 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

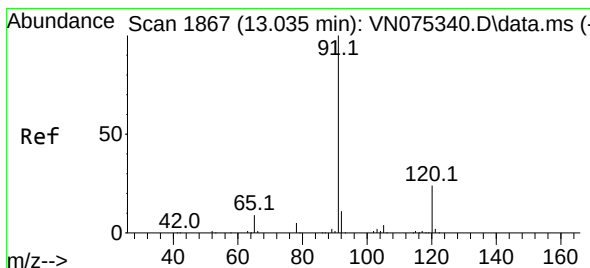
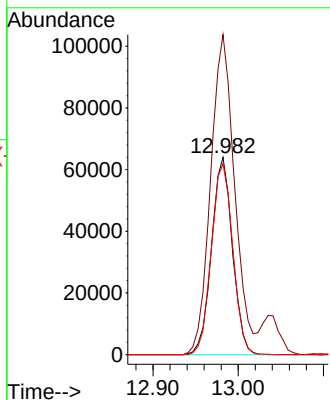
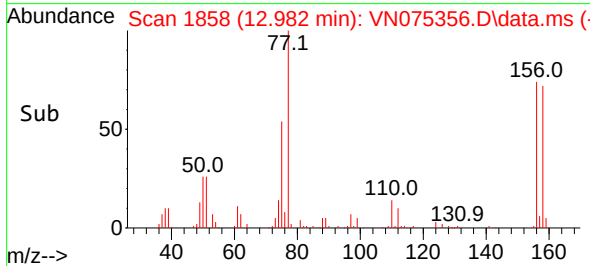
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 108840
Ion Ratio Lower Upper
156 100
77 185.1 108.5 325.5
158 99.0 47.7 143.1

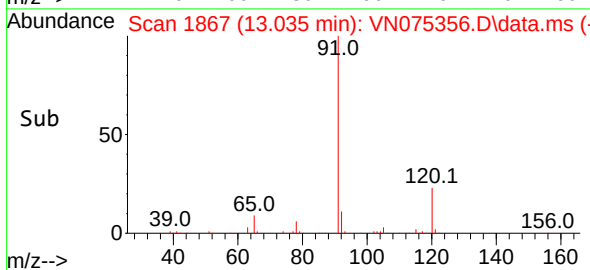
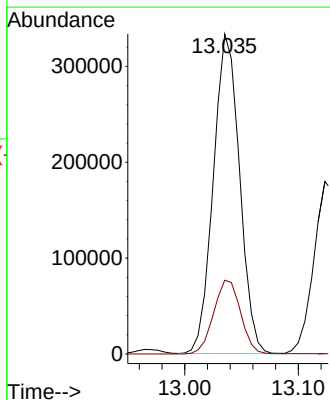
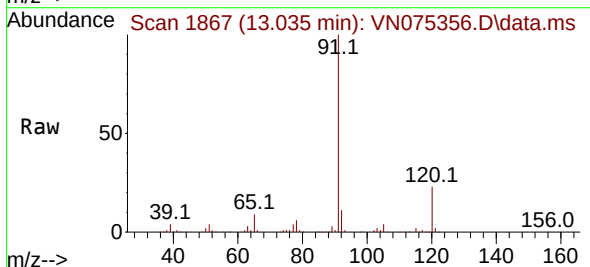
Manual Integrations
APPROVED

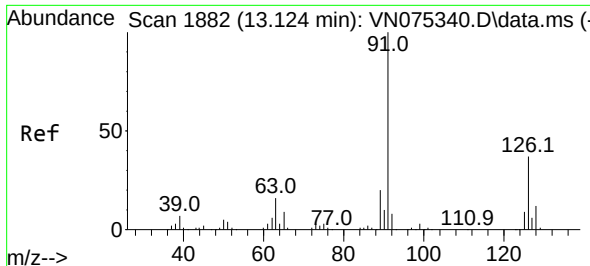
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#78
n-propylbenzene
Concen: 51.741 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

Tgt Ion: 91 Resp: 535083
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





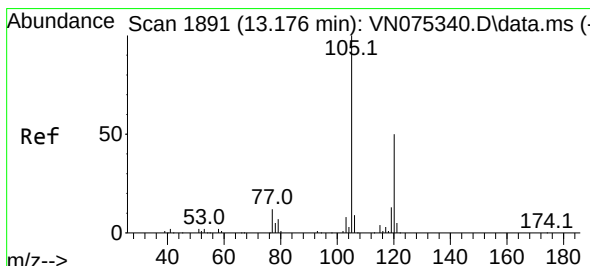
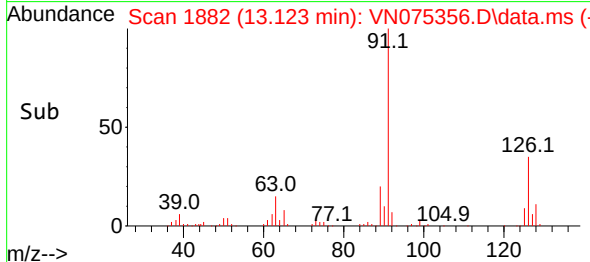
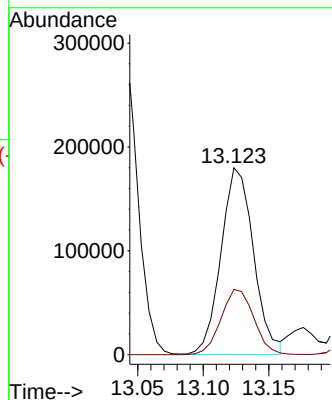
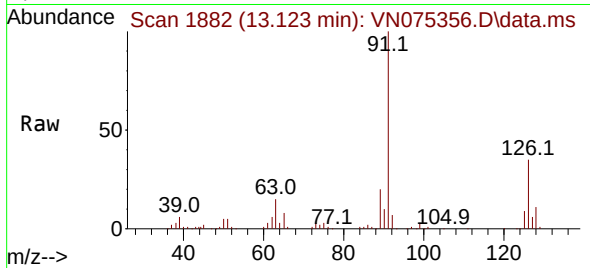
#79
2-Chlorotoluene
Concen: 49.799 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 31030
Ion Ratio Lower Upper
91 100
126 35.3 16.9 50.7

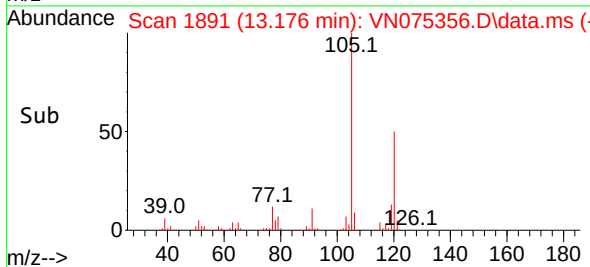
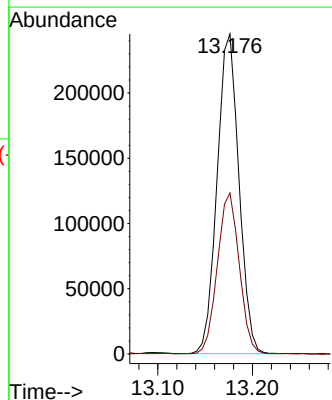
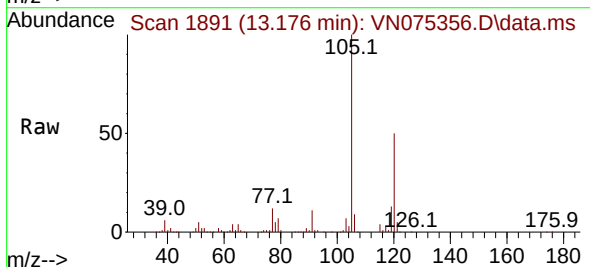
Manual Integrations
APPROVED

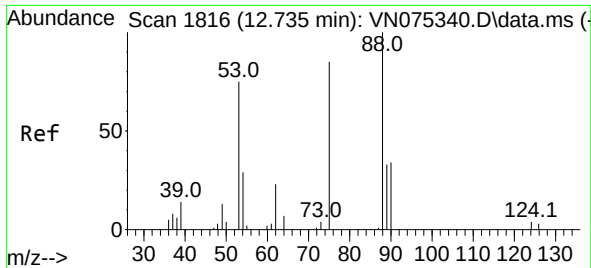
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.012 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

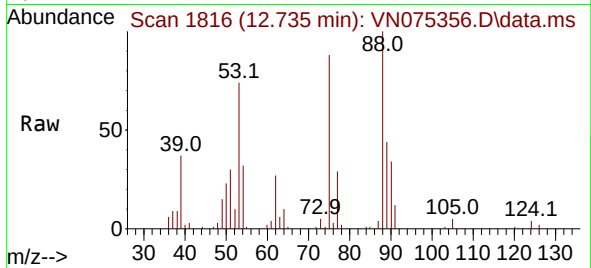
Tgt Ion:105 Resp: 392731
Ion Ratio Lower Upper
105 100
120 50.6 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 50.856 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

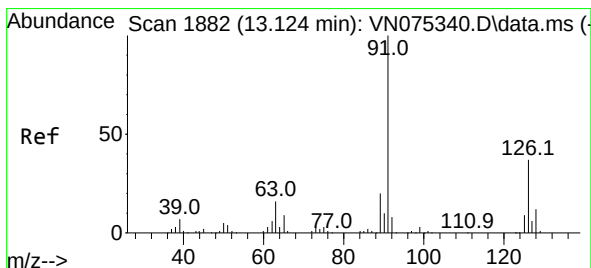
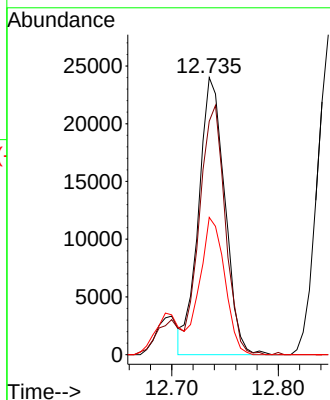
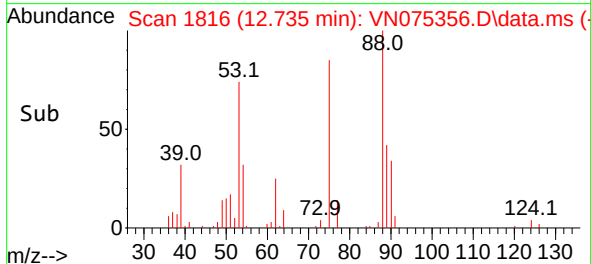
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



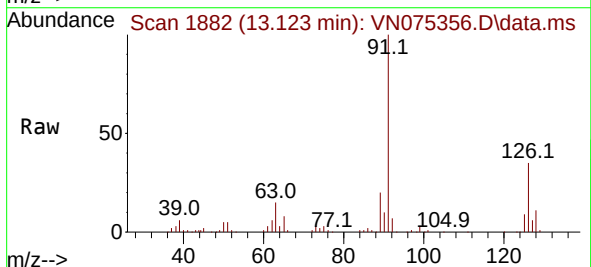
Tgt Ion: 75 Resp: 41220
Ion Ratio Lower Upper
75 100
53 87.3 78.5 117.7
89 47.0 37.7 56.5

Manual Integrations
APPROVED

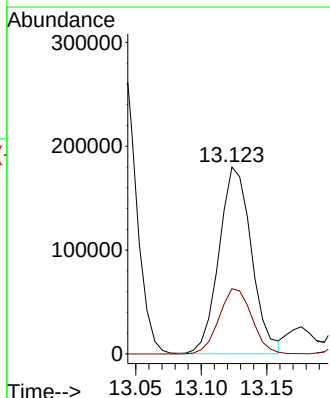
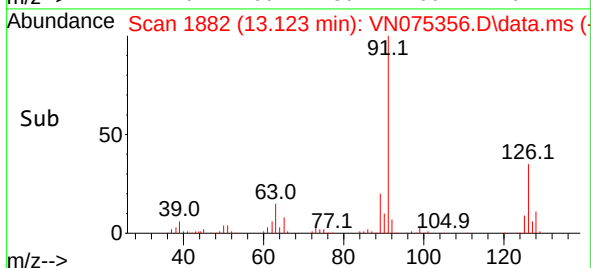
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022

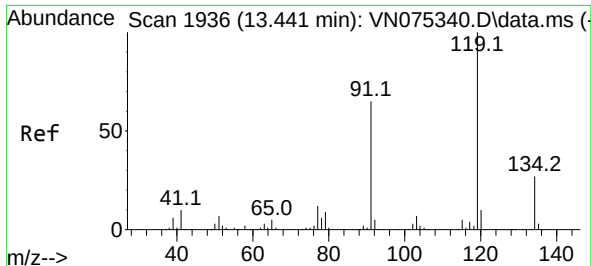


#82
4-Chlorotoluene
Concen: 49.799 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19



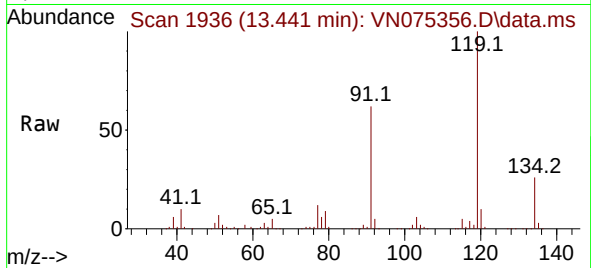
Tgt Ion: 91 Resp: 310301
Ion Ratio Lower Upper
91 100
126 35.3 16.9 50.7





#83
tert-Butylbenzene
Concen: 49.828 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

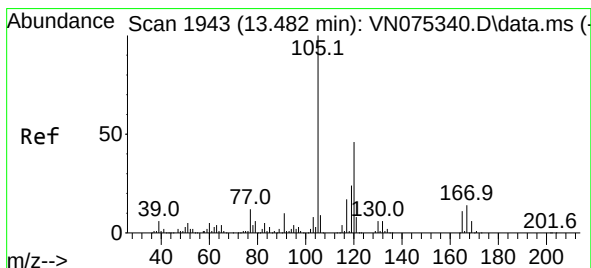
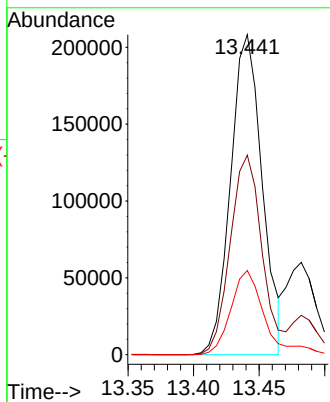
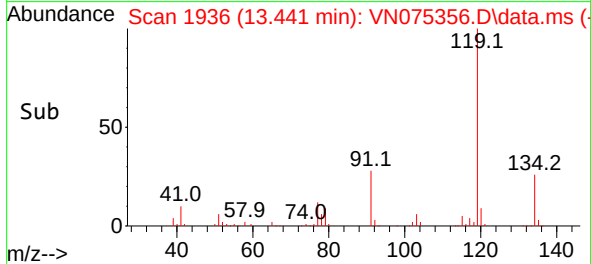
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



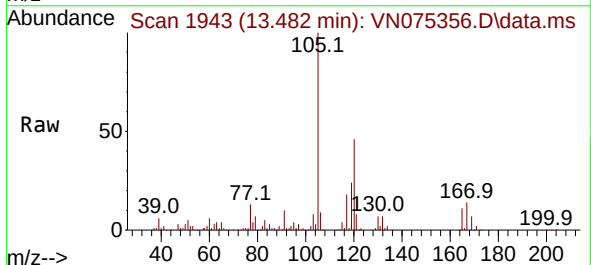
Tgt Ion:119 Resp: 349768
Ion Ratio Lower Upper
119 100
91 63.3 32.8 98.4
134 28.0 12.3 36.9

Manual Integrations
APPROVED

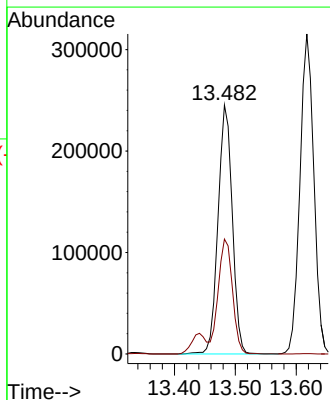
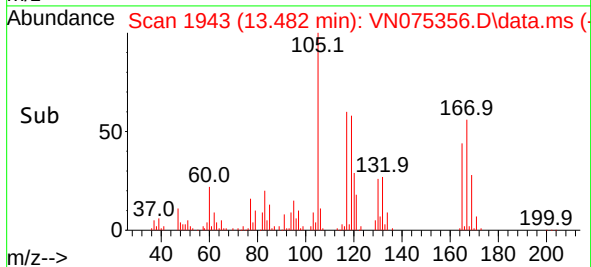
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022

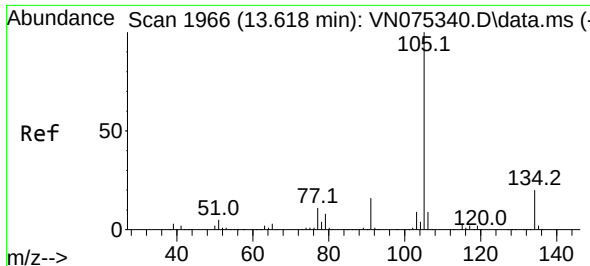


#84
1,2,4-Trimethylbenzene
Concen: 51.627 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19



Tgt Ion:105 Resp: 398684
Ion Ratio Lower Upper
105 100
120 46.7 22.7 68.1





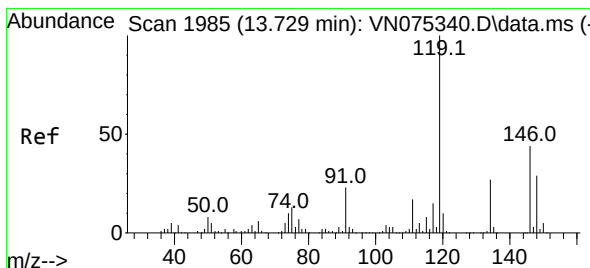
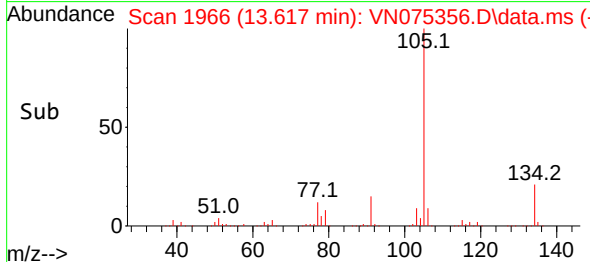
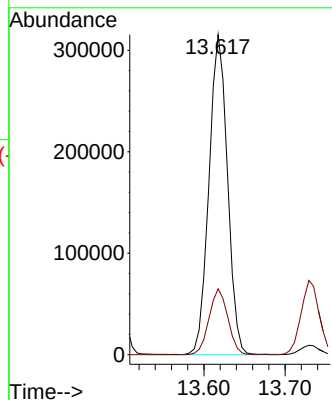
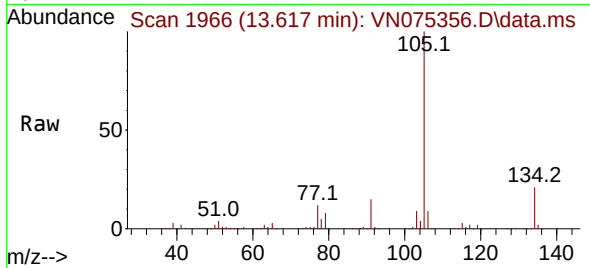
#85
 sec-Butylbenzene
 Concen: 52.386 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075356.D
 Acq: 22 Nov 2022 10:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 49894
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.6

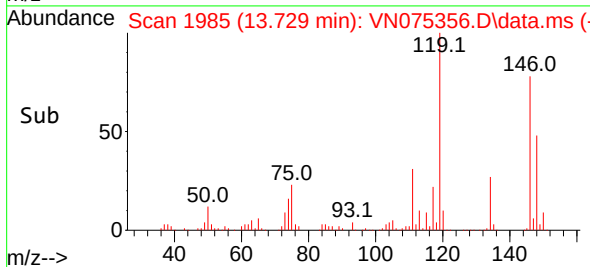
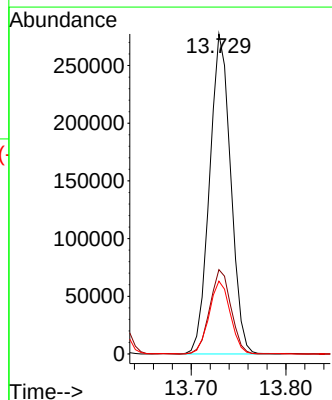
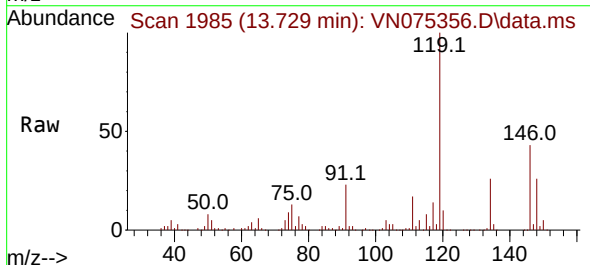
Manual Integrations
 APPROVED

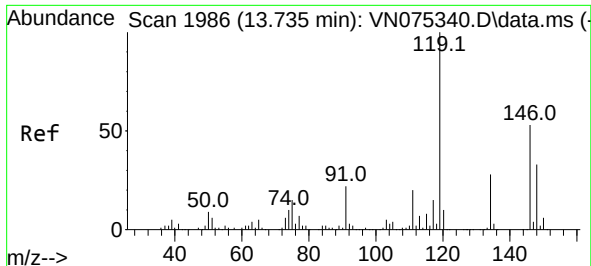
Reviewed By :John Carlone 11/23/2022
 Supervised By :Mahesh Dadoda 11/25/2022



#86
 p-Isopropyltoluene
 Concen: 53.765 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075356.D
 Acq: 22 Nov 2022 10:19

Tgt Ion:119 Resp: 430844
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.3
 91 22.7 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 49.616 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075356.D

Acq: 22 Nov 2022 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 215063

Ion Ratio Lower Upper

146 100

111 39.0 20.8 62.5

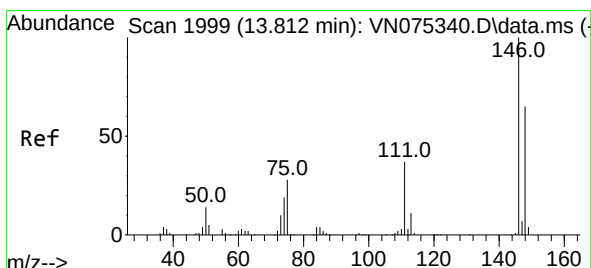
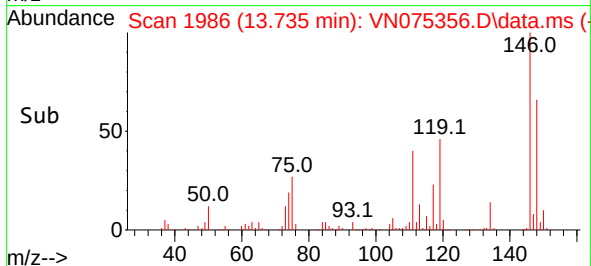
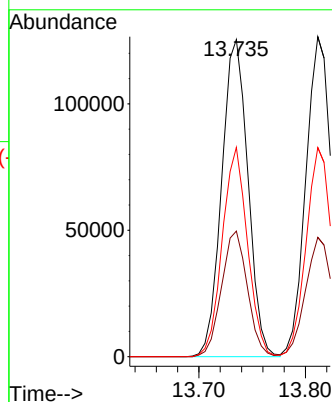
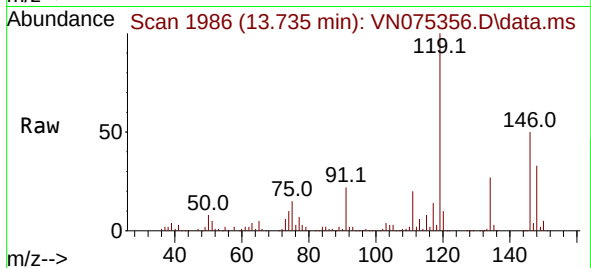
148 63.3 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/25/2022



#88

1,4-Dichlorobenzene

Concen: 48.757 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN075356.D

Acq: 22 Nov 2022 10:19

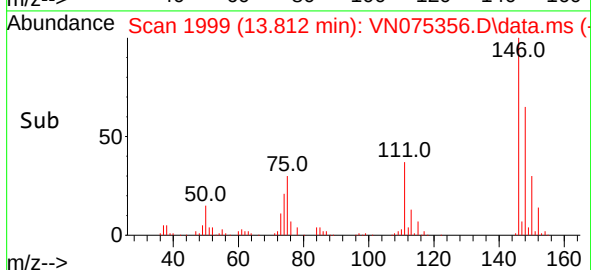
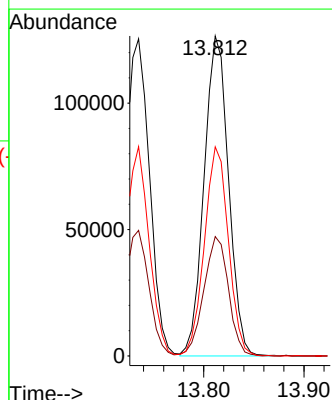
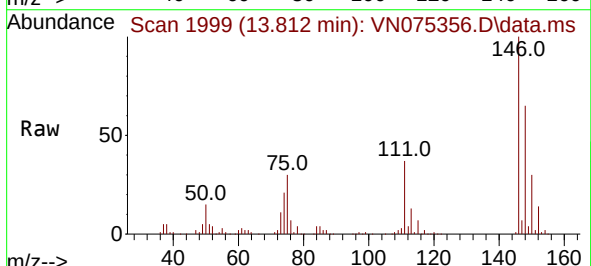
Tgt Ion:146 Resp: 214683

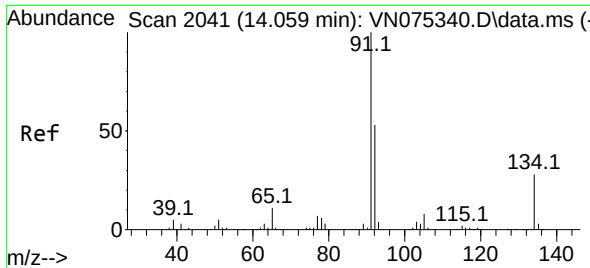
Ion Ratio Lower Upper

146 100

111 37.8 20.1 60.3

148 64.3 31.9 95.7





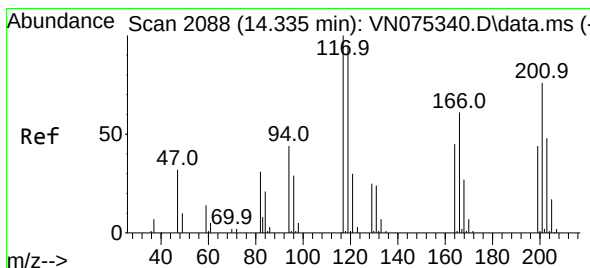
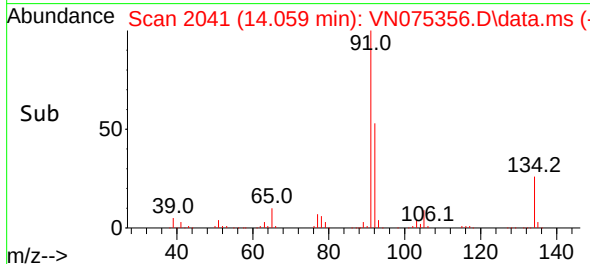
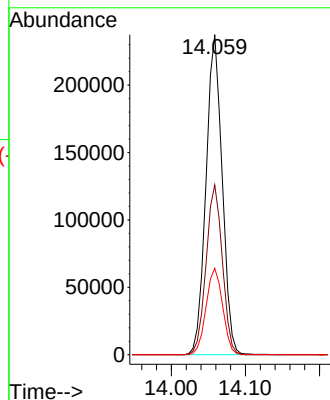
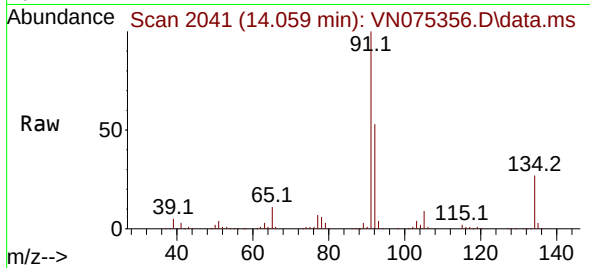
#89
n-Butylbenzene
Concen: 53.209 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 36012
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.4
134 27.6 13.0 39.0

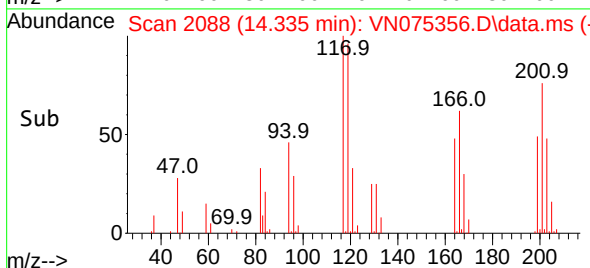
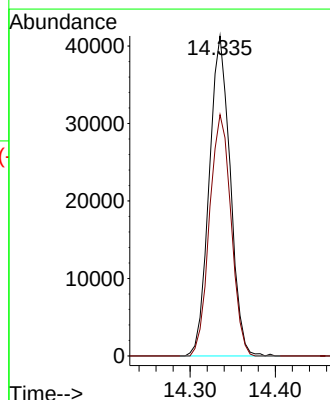
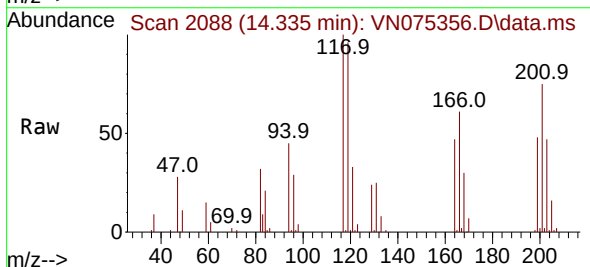
Manual Integrations
APPROVED

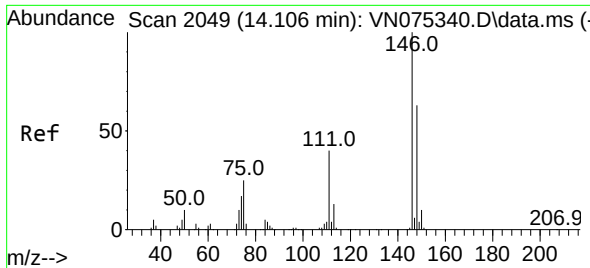
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#90
Hexachloroethane
Concen: 51.173 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

Tgt Ion:117 Resp: 70742
Ion Ratio Lower Upper
117 100
201 77.2 31.5 94.5





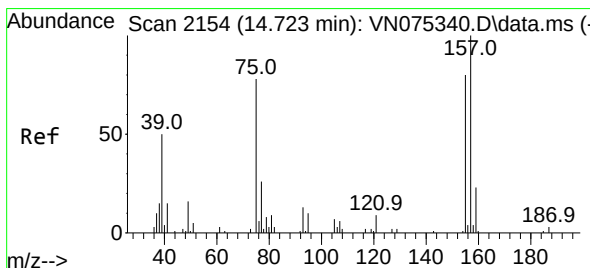
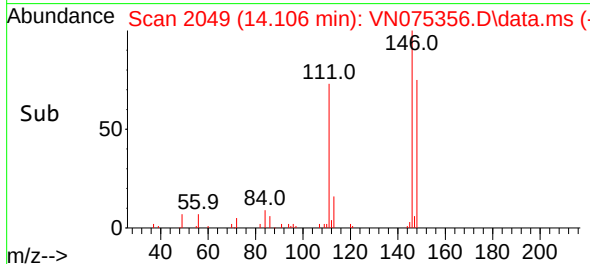
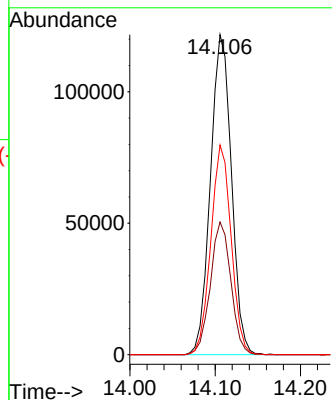
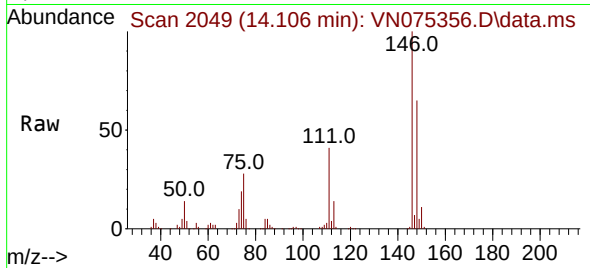
#91
1,2-Dichlorobenzene
Concen: 49.246 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 208070
Ion Ratio Lower Upper
146 100
111 40.6 21.3 63.9
148 63.6 31.4 94.2

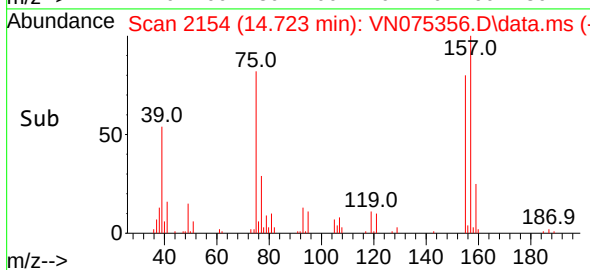
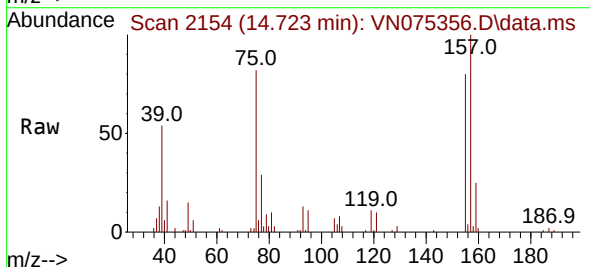
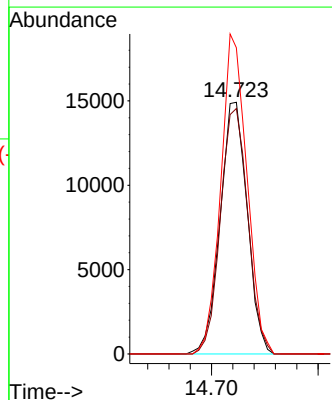
Manual Integrations
APPROVED

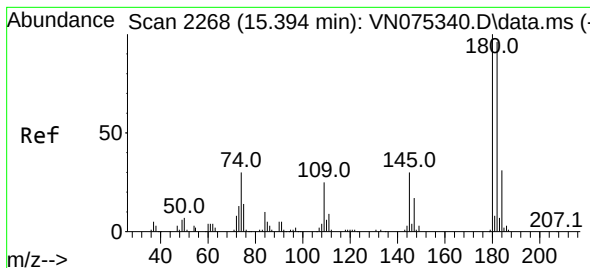
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.190 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075356.D
Acq: 22 Nov 2022 10:19

Tgt Ion: 75 Resp: 26325
Ion Ratio Lower Upper
75 100
155 98.5 42.1 126.3
157 122.5 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 53.770 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075356.D

Acq: 22 Nov 2022 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 116424

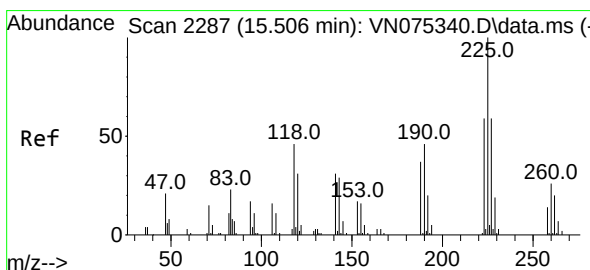
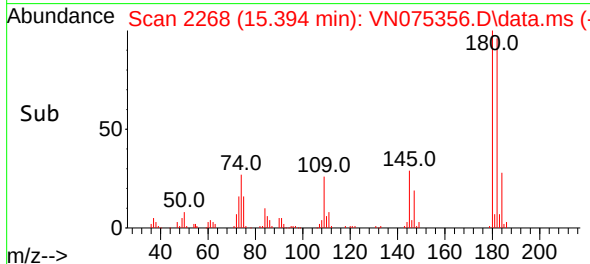
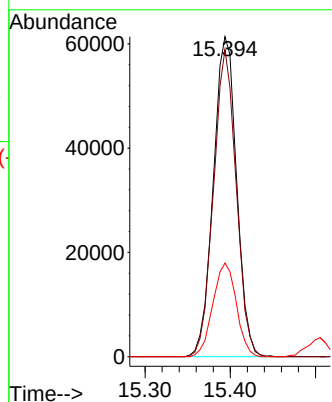
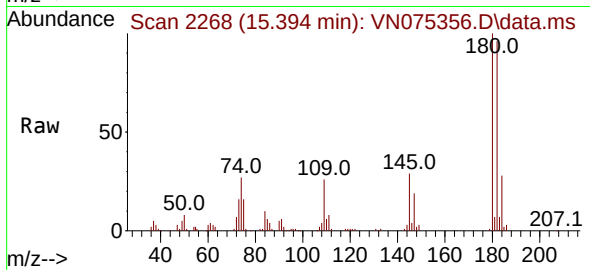
Ion	Ratio	Lower	Upper
180	100		
182	93.4	47.8	143.4
145	29.4	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/25/2022



#94

Hexachlorobutadiene

Concen: 52.440 ug/l

RT: 15.500 min Scan# 2286

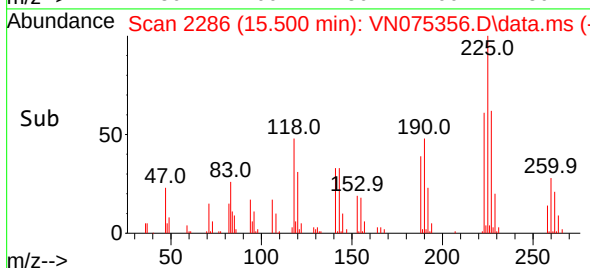
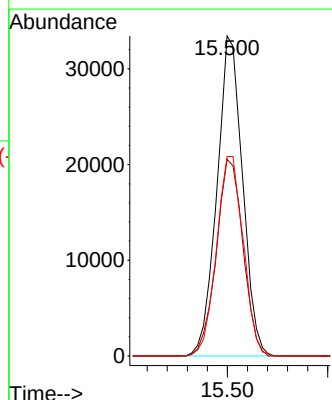
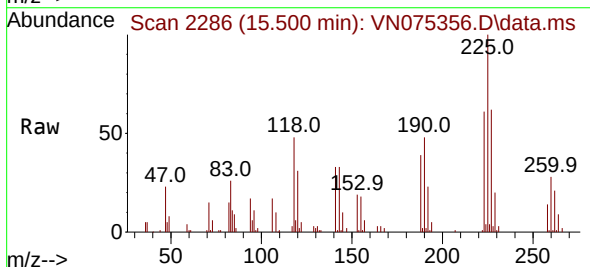
Delta R.T. -0.006 min

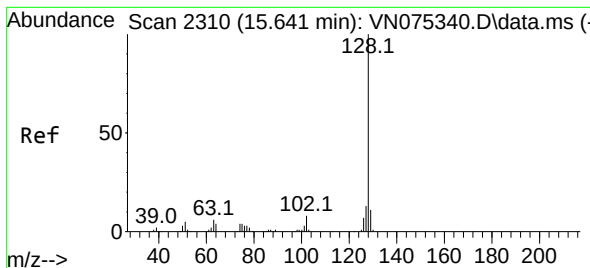
Lab File: VN075356.D

Acq: 22 Nov 2022 10:19

Tgt Ion:225 Resp: 59143

Ion	Ratio	Lower	Upper
225	100		
223	64.0	32.3	96.9
227	65.2	32.0	96.2





#95

Naphthalene

Concen: 50.905 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN075356.D

Acq: 22 Nov 2022 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

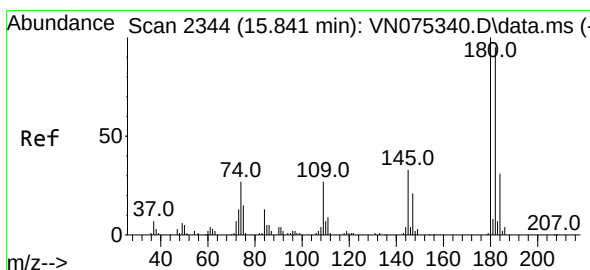
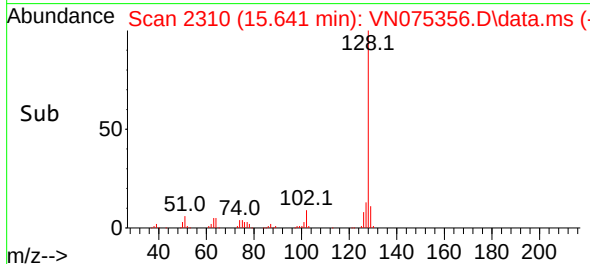
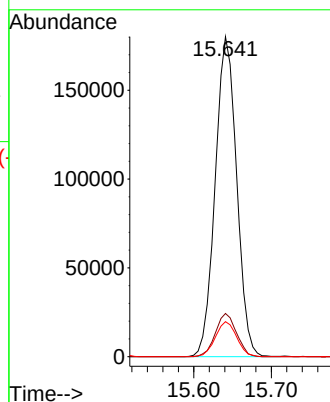
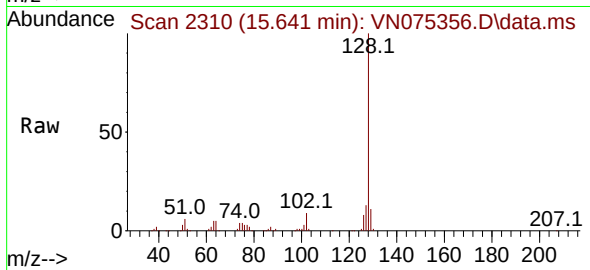
Tgt Ion:	128	Resp:	346752
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	10.9	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/25/2022



#96

1,2,3-Trichlorobenzene

Concen: 51.276 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN075356.D

Acq: 22 Nov 2022 10:19

Tgt Ion:	180	Resp:	109118
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.3	141.8
145	32.9	17.6	52.9

