

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111722\
 Data File : VN075298.D
 Acq On : 17 Nov 2022 11:01
 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 11/18/2022
 Supervised By : Mahesh Dadoda 11/18/2022

Quant Time: Nov 18 00:59:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	128392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	217964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	205132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	68043	39.333	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	78.660%		
35) Dibromofluoromethane	8.171	113	62408	48.773	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.540%		
50) Toluene-d8	10.565	98	218500	44.014	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.020%		
62) 4-Bromofluorobenzene	12.847	95	85138	48.821	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	79648	47.687	ug/l	99
3) Chloromethane	2.371	50	74929	42.235	ug/l	97
4) Vinyl Chloride	2.524	62	102068	40.329	ug/l	97
5) Bromomethane	2.918	94	108042	60.673	ug/l	97
6) Chloroethane	3.106	64	76802	42.319	ug/l	96
7) Trichlorofluoromethane	3.495	101	142943	55.288	ug/l	99
8) Diethyl Ether	3.971	74	52842	56.035	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	82643	57.881	ug/l	95
10) Methyl Iodide	4.594	142	126373	59.452	ug/l	97
11) Tert butyl alcohol	5.536	59	86549	214.535	ug/l	99
12) 1,1-Dichloroethene	4.342	96	75746	55.655	ug/l	90
13) Acrolein	4.183	56	58230	176.465	ug/l	99
14) Allyl chloride	5.030	41	92702	46.637	ug/l	91
15) Acrylonitrile	5.724	53	220508	258.749	ug/l	98
16) Acetone	4.436	43	212019	289.447	ug/l	90
17) Carbon Disulfide	4.718	76	182834	53.421	ug/l	99
18) Methyl Acetate	5.030	43	123024	51.417	ug/l	96
19) Methyl tert-butyl Ether	5.806	73	278195	54.996	ug/l	98
20) Methylene Chloride	5.283	84	87603	53.639	ug/l	94
21) trans-1,2-Dichloroethene	5.794	96	84091	56.431	ug/l	97
22) Diisopropyl ether	6.677	45	236660	53.951	ug/l	97
23) Vinyl Acetate	6.606	43	951738m	259.822	ug/l	
24) 1,1-Dichloroethane	6.577	63	150271	54.165	ug/l	98
25) 2-Butanone	7.488	43	293976	255.156	ug/l	98
26) 2,2-Dichloropropane	7.494	77	135003	52.896	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	101513	57.044	ug/l	97
28) Bromochloromethane	7.818	49	48633	41.584	ug/l	88
29) Tetrahydrofuran	7.841	42	182994	245.793	ug/l	99
30) Chloroform	7.971	83	165615	54.982	ug/l	98
31) Cyclohexane	8.259	56	129883	50.481	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	149199	54.544	ug/l	96
36) 1,1-Dichloropropene	8.371	75	121351	61.258	ug/l	98
37) Ethyl Acetate	7.565	43	109380	50.348	ug/l	100
38) Carbon Tetrachloride	8.359	117	134520	61.732	ug/l	96
39) Methylcyclohexane	9.600	83	159305	60.914	ug/l	100
40) Benzene	8.606	78	366883	60.487	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	56978	54.742	ug/l	97
42) 1,2-Dichloroethane	8.671	62	125583	56.909	ug/l	97
43) Isopropyl Acetate	8.688	43	181233	53.781	ug/l	98
44) Trichloroethene	9.353	130	98886	64.982	ug/l	95
45) 1,2-Dichloropropane	9.624	63	88256	61.142	ug/l	99
46) Dibromomethane	9.706	93	66258	58.918	ug/l	92
47) Bromodichloromethane	9.888	83	132056	60.638	ug/l	97
48) Methyl methacrylate	9.682	41	86525	55.974	ug/l	96
49) 1,4-Dioxane	9.694	88	47353	1169.832	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	579067	266.290	ug/l	98
52) Toluene	10.629	92	247643	61.077	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	142374	61.937	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	153362	62.903	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	98973	61.563	ug/l	98
56) Ethyl methacrylate	10.876	69	144406	58.886	ug/l	97
57) 1,3-Dichloropropane	11.165	76	161467	60.309	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	222616	234.813	ug/l	98
59) 2-Hexanone	11.194	43	438606	265.753	ug/l	98
60) Dibromochloromethane	11.359	129	111027	65.458	ug/l	98
61) 1,2-Dibromoethane	11.470	107	102140	61.995	ug/l	100
64) Tetrachloroethene	11.106	164	89813	71.414	ug/l	95
65) Chlorobenzene	11.894	112	266396	60.840	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	103504	63.723	ug/l	98
67) Ethyl Benzene	11.965	91	480399	60.982	ug/l	97
68) m/p-Xylenes	12.070	106	388271	122.835	ug/l	100
69) o-Xylene	12.400	106	190843	61.051	ug/l	99
70) Styrene	12.412	104	316336	63.466	ug/l	98
71) Bromoform	12.576	173	85563	70.359	ug/l #	99
73) Isopropylbenzene	12.694	105	497547	55.777	ug/l	98
74) N-amyl acetate	12.494	43	163796	49.648	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	150700	59.139	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	125784m	53.316	ug/l	
77) Bromobenzene	12.982	156	120938	61.573	ug/l	86
78) n-propylbenzene	13.035	91	578884	57.801	ug/l	99
79) 2-Chlorotoluene	13.123	91	340016	55.559	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	430847	57.506	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	46710	50.824	ug/l	95
82) 4-Chlorotoluene	13.123	91	340016	55.559	ug/l	98
83) tert-Butylbenzene	13.441	119	380434	57.145	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	433122	57.136	ug/l	98
85) sec-Butylbenzene	13.617	105	541878	58.184	ug/l	100
86) p-Isopropyltoluene	13.729	119	473862	61.609	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	240084	62.430	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	235386	61.846	ug/l	98
89) n-Butylbenzene	14.059	91	395741	63.894	ug/l	99
90) Hexachloroethane	14.335	117	78805	55.881	ug/l	85
91) 1,2-Dichlorobenzene	14.106	146	231031	60.429	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29758	49.457	ug/l	83
93) 1,2,4-Trichlorobenzene	15.394	180	128009	77.809	ug/l	98
94) Hexachlorobutadiene	15.500	225	63086	78.658	ug/l	99
95) Naphthalene	15.641	128	403387	63.760	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	122401	74.879	ug/l	99

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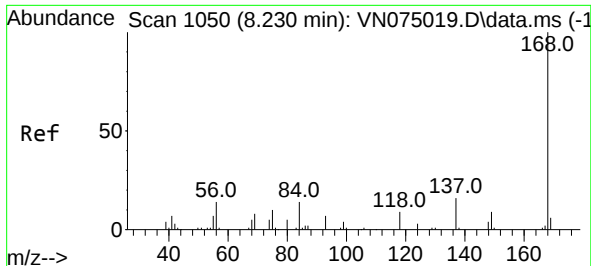
Manual Integrations
APPROVED

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

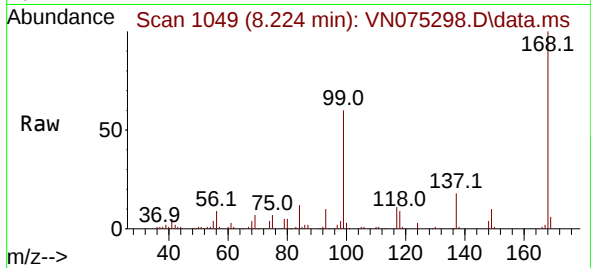
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.006 min
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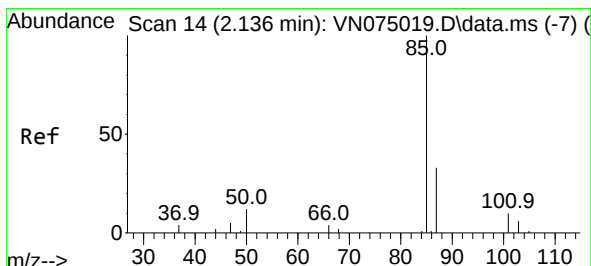
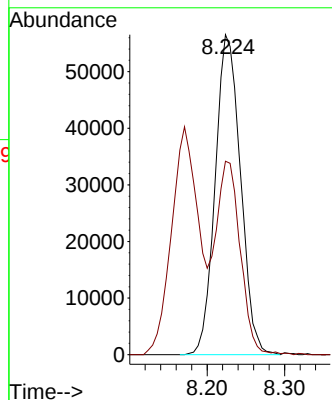
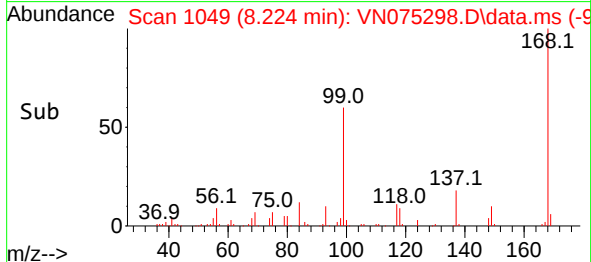
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 128392
Ion Ratio Lower Upper
168 100
99 60.1 51.6 77.4

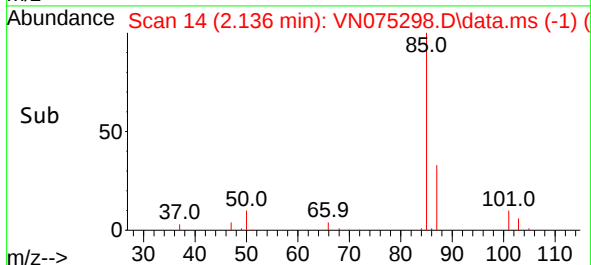
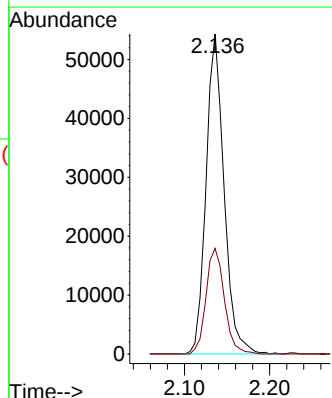
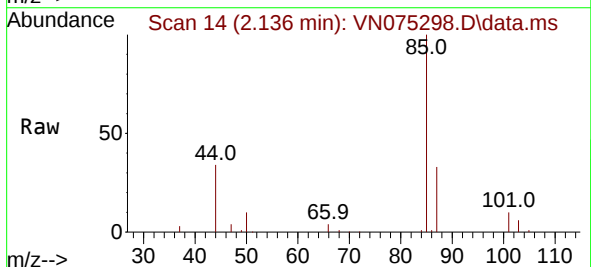
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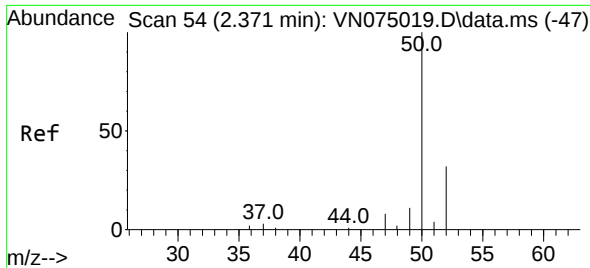
Reviewed By :John Carlone 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#2
Dichlorodifluoromethane
Concen: 47.687 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

Tgt Ion: 85 Resp: 79648
Ion Ratio Lower Upper
85 100
87 33.0 16.7 50.0





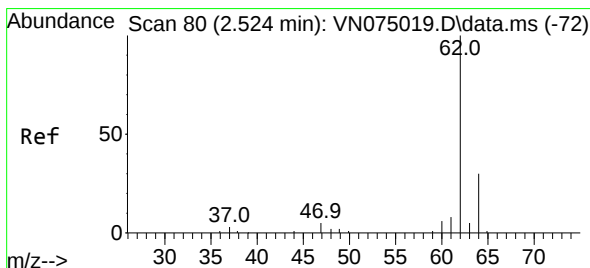
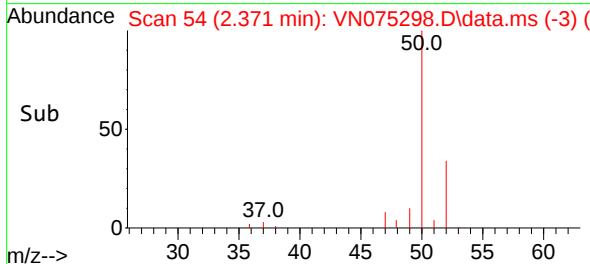
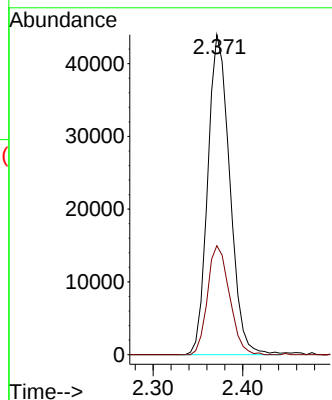
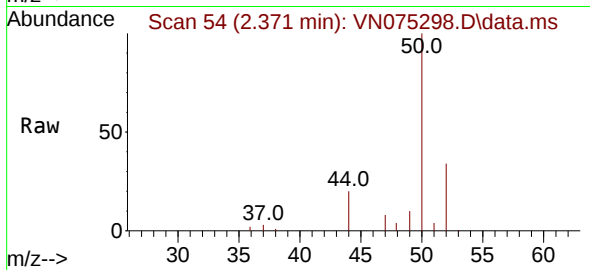
#3
Chloromethane
Concen: 42.235 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

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Tgt Ion: 50 Resp: 74929
Ion Ratio Lower Upper
50 100
52 34.0 25.8 38.6

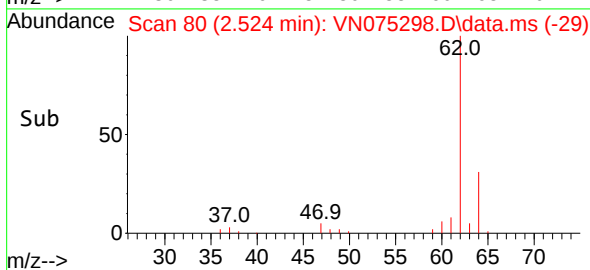
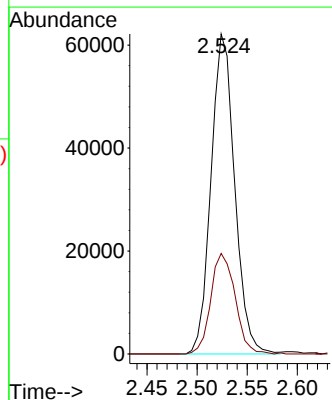
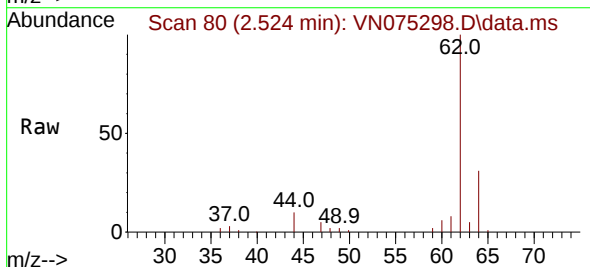
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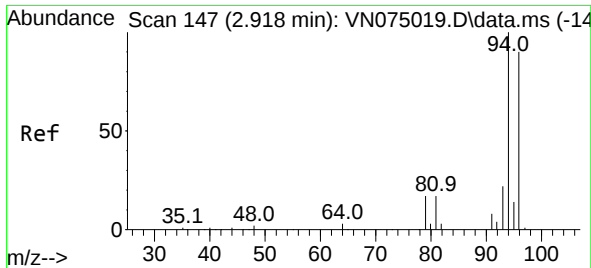
Reviewed By :John Carlone 11/18/2022
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#4
Vinyl Chloride
Concen: 40.329 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

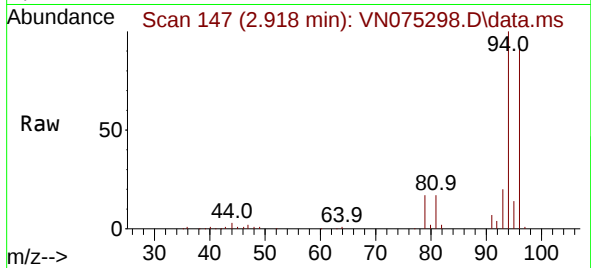
Tgt Ion: 62 Resp: 102068
Ion Ratio Lower Upper
62 100
64 31.4 24.0 36.0





#5
Bromomethane
Concen: 60.673 ug/l
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

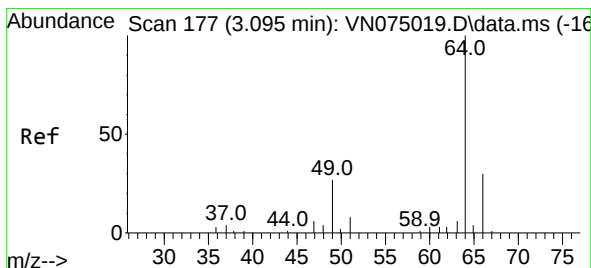
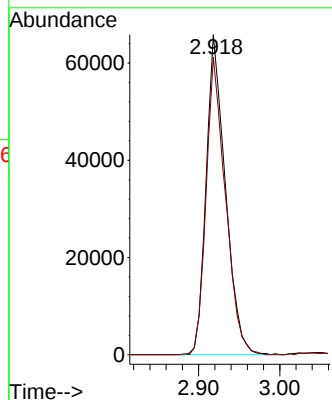
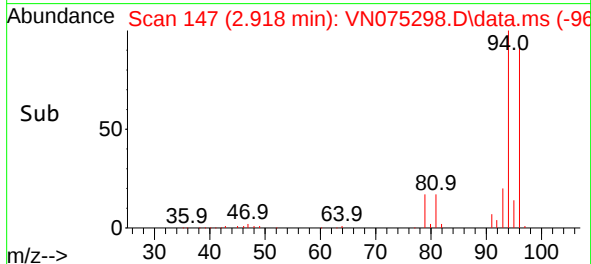
Instrument :
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Tgt Ion: 94 Resp: 10804
Ion Ratio Lower Upper
94 100
96 92.9 71.8 107.6

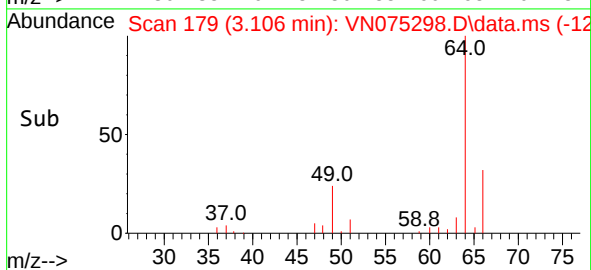
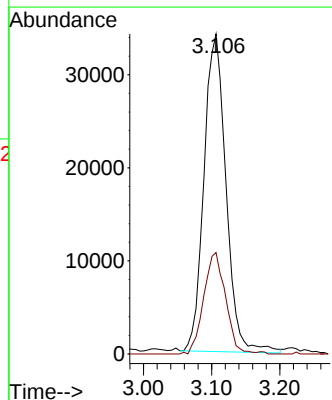
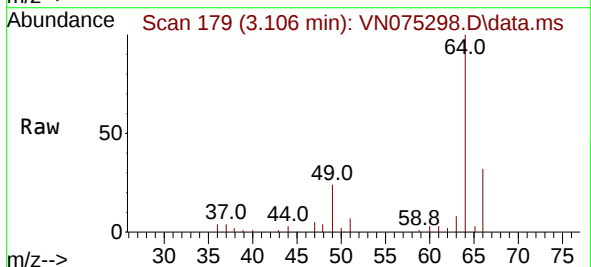
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#6
Chloroethane
Concen: 42.319 ug/l
RT: 3.106 min Scan# 179
Delta R.T. 0.011 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

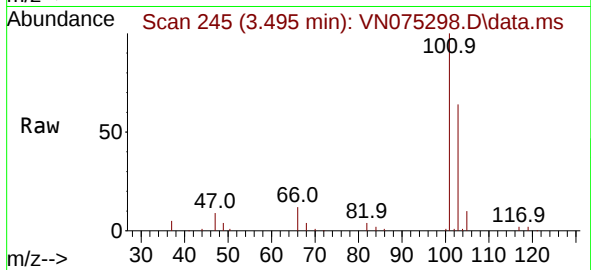
Tgt Ion: 64 Resp: 76802
Ion Ratio Lower Upper
64 100
66 32.0 23.8 35.8





#7
Trichlorofluoromethane
Concen: 55.288 ug/l
RT: 3.495 min Scan# 244
Delta R.T. 0.006 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

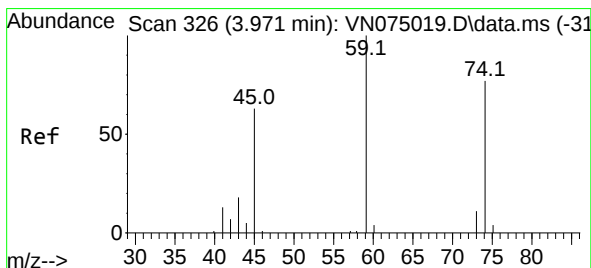
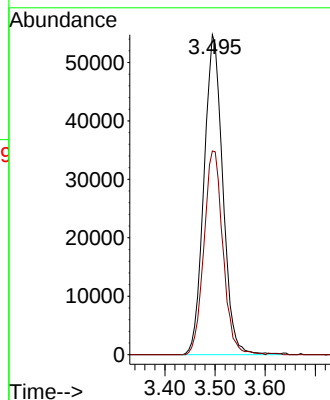
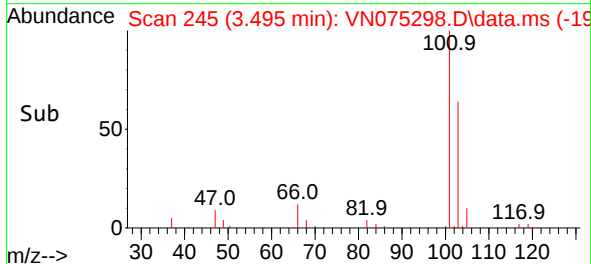
Instrument :
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Tgt Ion:101 Resp: 14294
Ion Ratio Lower Upper
101 100
103 63.7 50.5 75.7

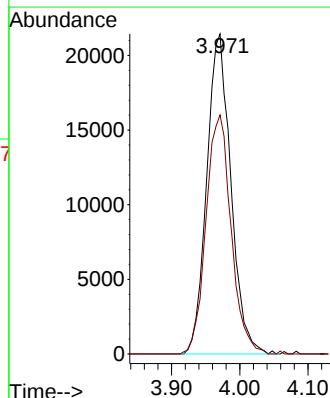
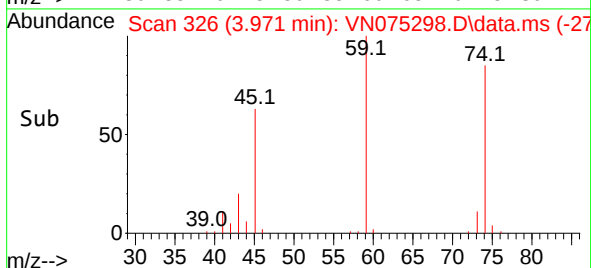
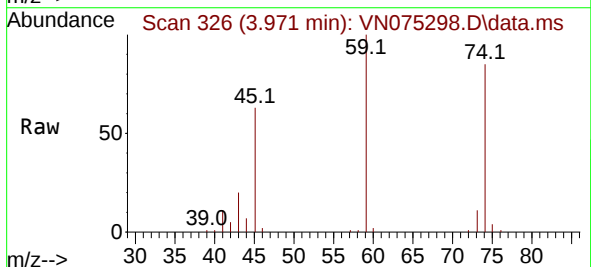
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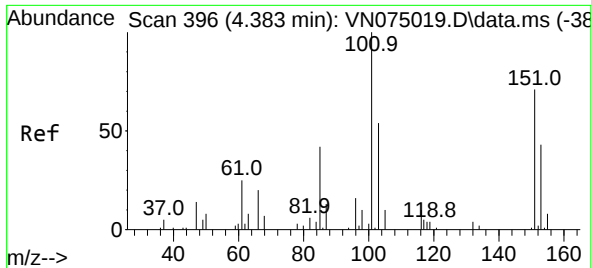
Reviewed By :John Carlone 11/18/2022
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#8
Diethyl Ether
Concen: 56.035 ug/l
RT: 3.971 min Scan# 326
Delta R.T. -0.000 min
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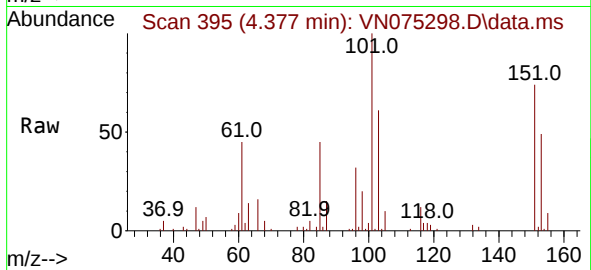
Tgt Ion: 74 Resp: 52842
Ion Ratio Lower Upper
74 100
45 77.6 39.3 117.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.881 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN075298.D
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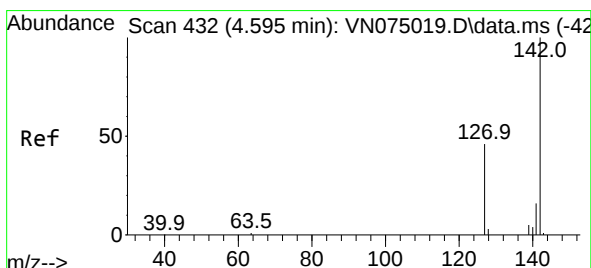
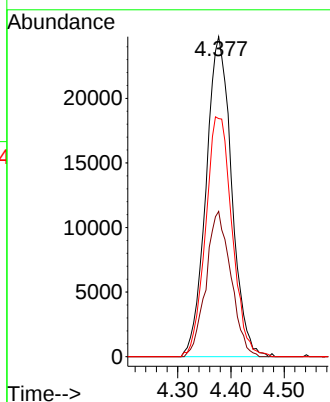
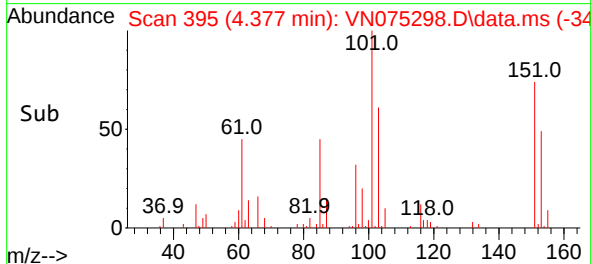
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ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 8264
Ion Ratio Lower Upper
101 100
85 44.2 37.6 56.4
151 77.6 58.3 87.5

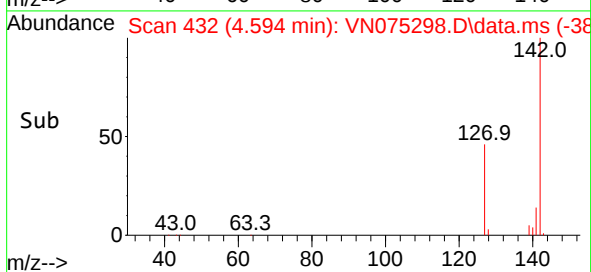
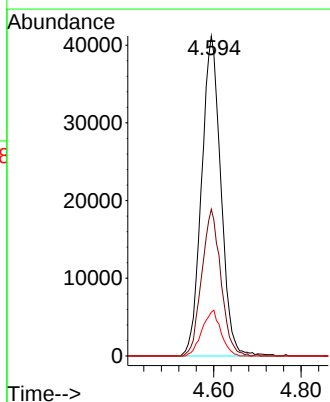
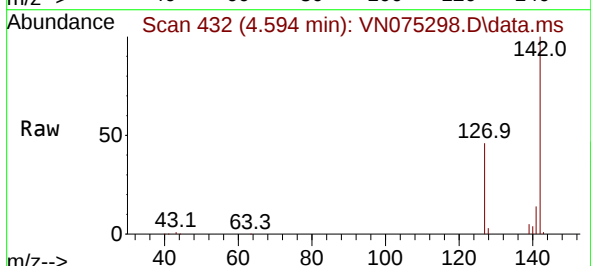
Manual Integrations
APPROVED

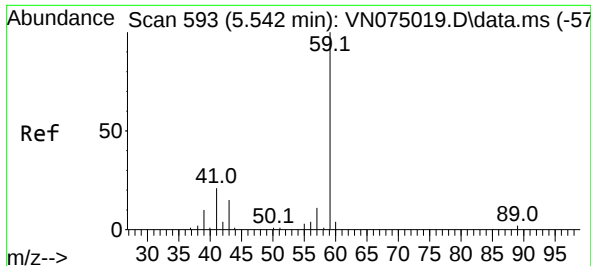
Reviewed By :John Carlone 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#10
Methyl Iodide
Concen: 59.452 ug/l
RT: 4.594 min Scan# 432
Delta R.T. -0.001 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

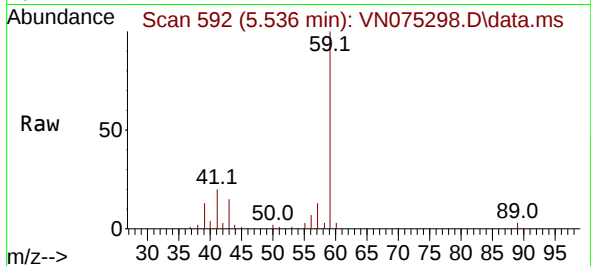
Tgt Ion:142 Resp: 126373
Ion Ratio Lower Upper
142 100
127 45.3 38.0 57.0
141 13.9 12.2 18.4





#11
Tert butyl alcohol
Concen: 214.535 ug/l
RT: 5.536 min Scan# 59
Delta R.T. -0.006 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

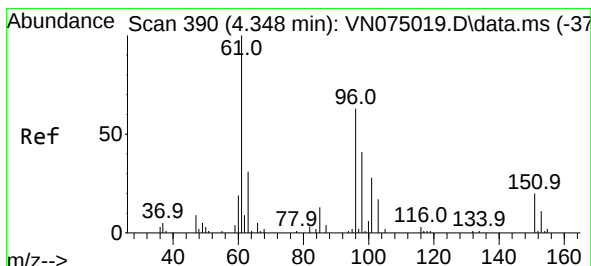
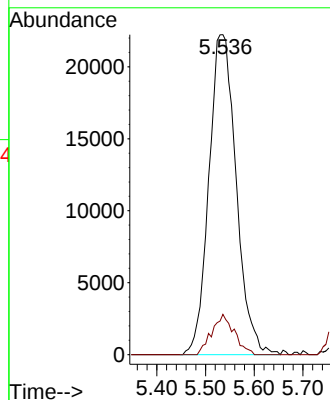
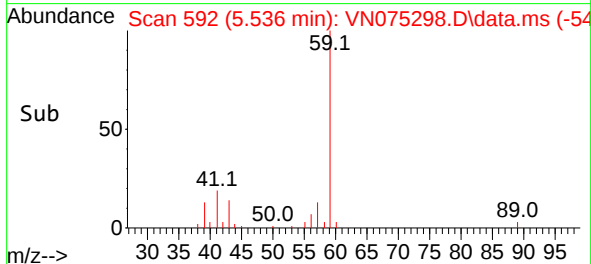
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



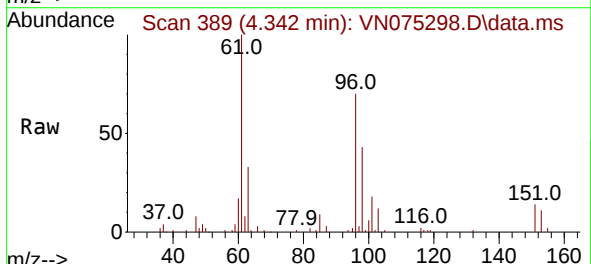
Tgt Ion: 59 Resp: 86549
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

Manual Integrations
APPROVED

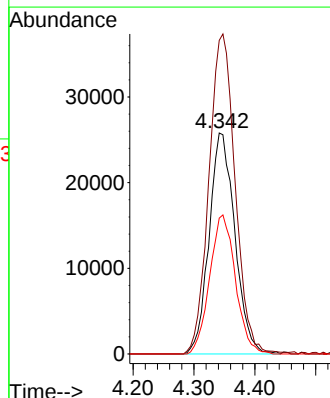
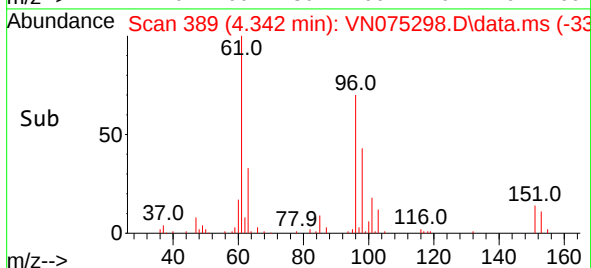
Reviewed By :John Carlone 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022

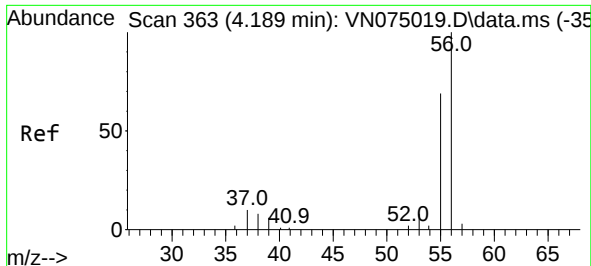


#12
1,1-Dichloroethene
Concen: 55.655 ug/l
RT: 4.342 min Scan# 389
Delta R.T. -0.006 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01



Tgt Ion: 96 Resp: 75746
Ion Ratio Lower Upper
96 100
61 141.9 126.2 189.4
98 61.5 51.5 77.3





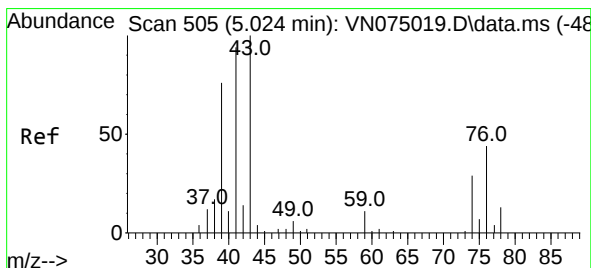
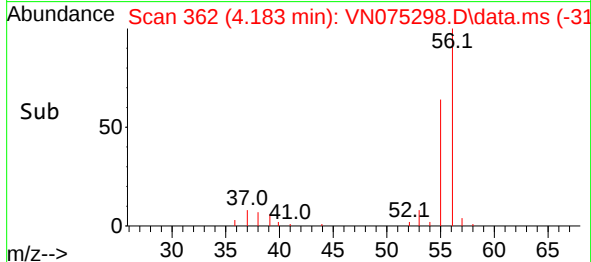
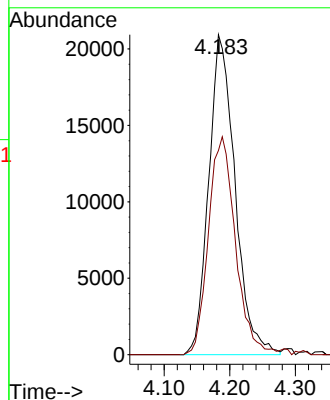
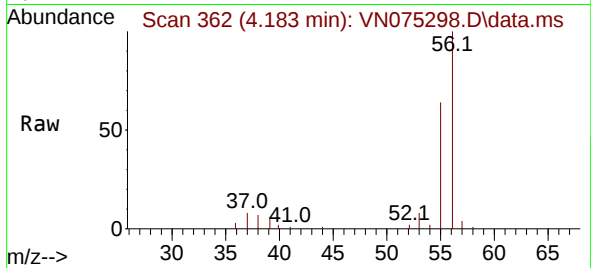
#13
Acrolein
Concen: 176.465 ug/l
RT: 4.183 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 58230
Ion Ratio Lower Upper
56 100
55 69.9 55.2 82.8

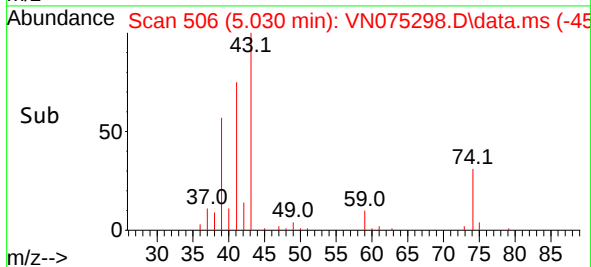
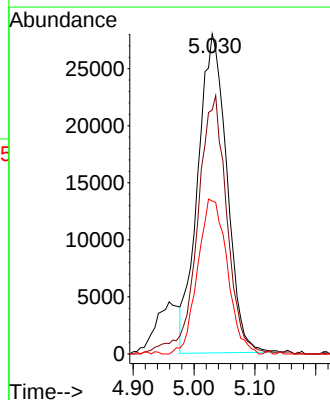
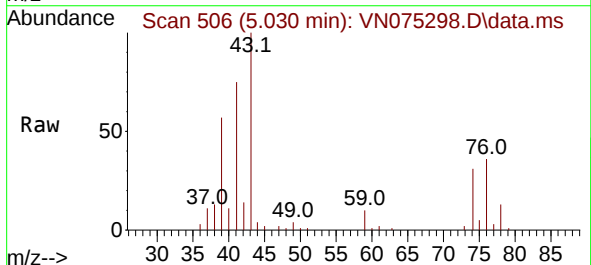
Manual Integrations
APPROVED

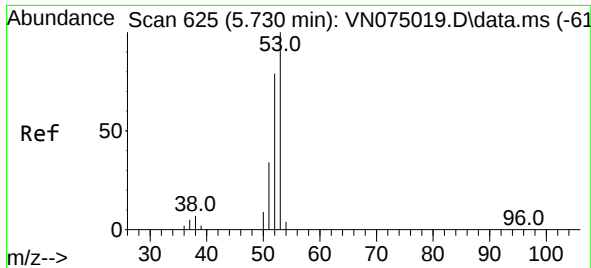
Reviewed By :John Carlone 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#14
Allyl chloride
Concen: 46.637 ug/l
RT: 5.030 min Scan# 506
Delta R.T. 0.006 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

Tgt Ion: 41 Resp: 92702
Ion Ratio Lower Upper
41 100
39 81.8 61.0 91.4
76 49.4 33.4 50.0





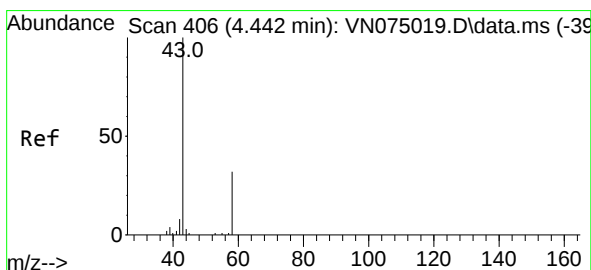
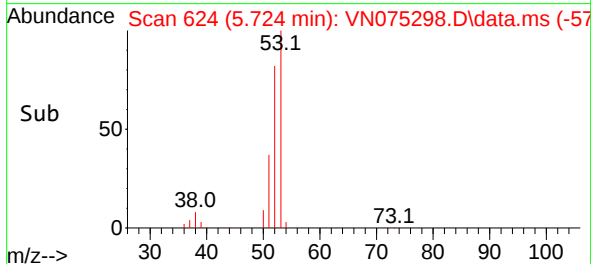
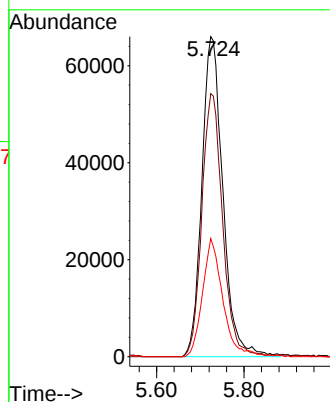
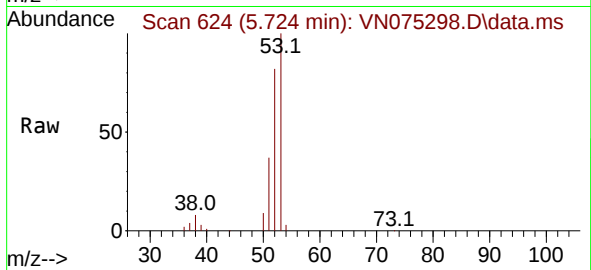
#15
Acrylonitrile
Concen: 258.749 ug/l
RT: 5.724 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 220508
Ion Ratio Lower Upper
53 100
52 81.1 66.4 99.6
51 35.6 29.6 44.4

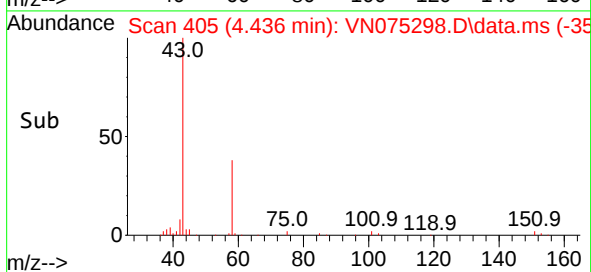
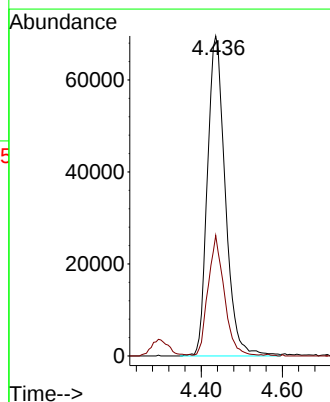
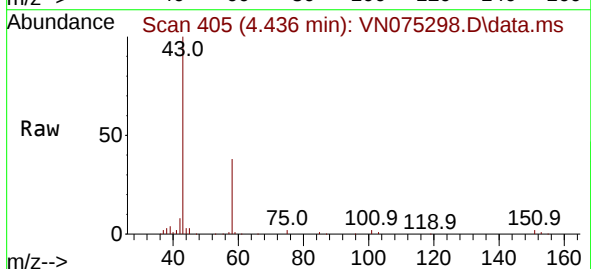
Manual Integrations
APPROVED

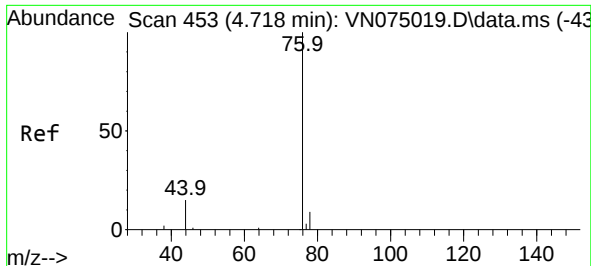
Reviewed By :John Carlone 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#16
Acetone
Concen: 289.447 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

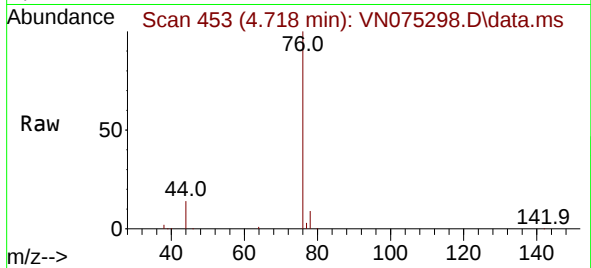
Tgt Ion: 43 Resp: 212019
Ion Ratio Lower Upper
43 100
58 37.6 25.5 38.3





#17
Carbon Disulfide
Concen: 53.421 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

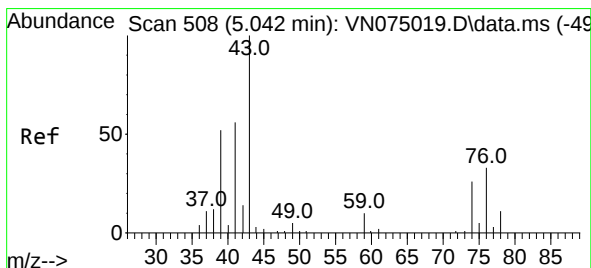
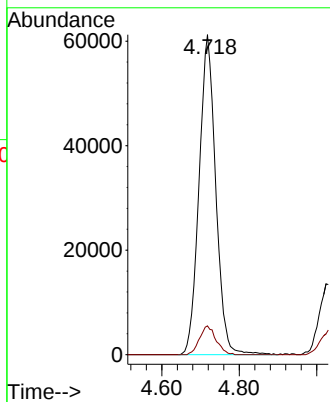
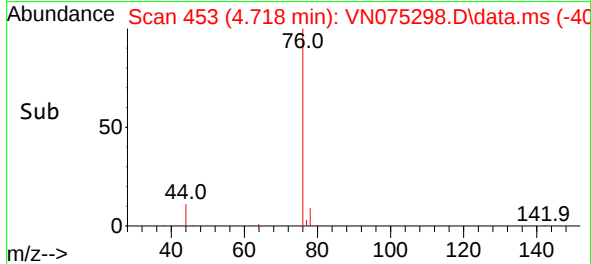
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



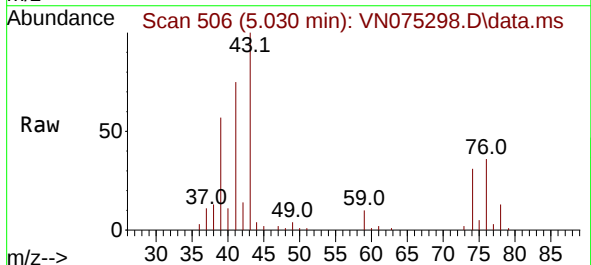
Tgt Ion: 76 Resp: 182834
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

Manual Integrations
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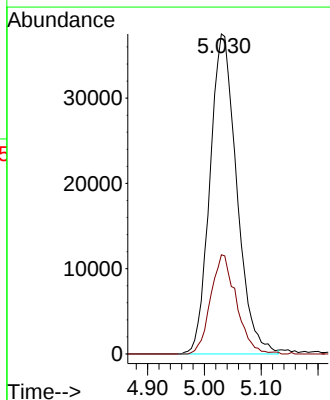
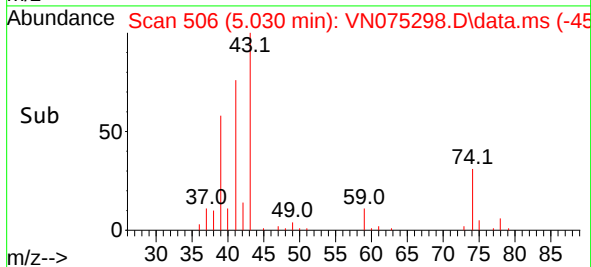
Reviewed By :John Carlone 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022

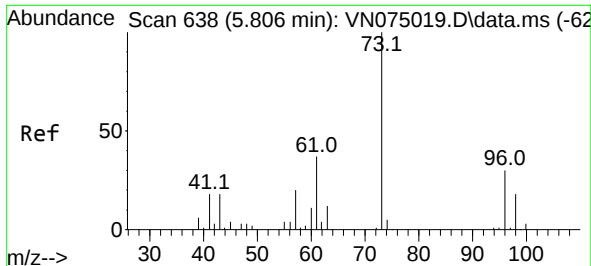


#18
Methyl Acetate
Concen: 51.417 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.012 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01



Tgt Ion: 43 Resp: 123024
Ion Ratio Lower Upper
43 100
74 29.7 22.0 33.0





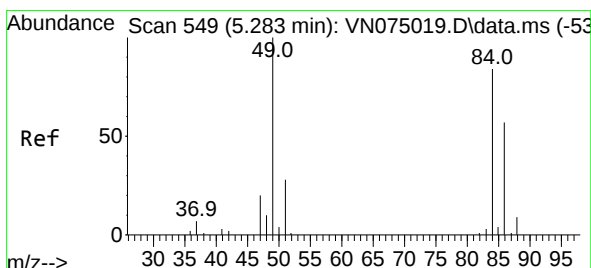
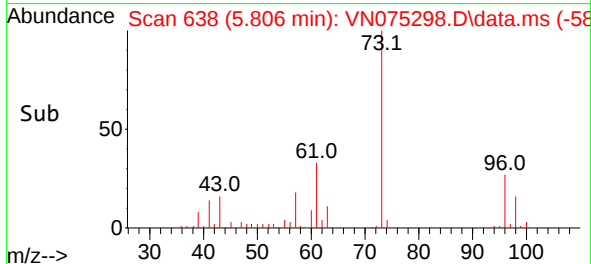
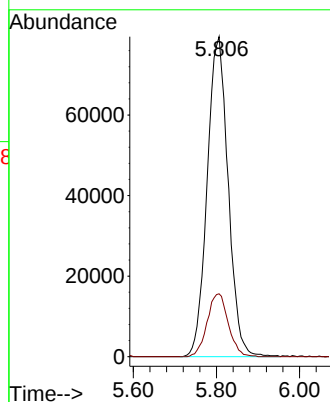
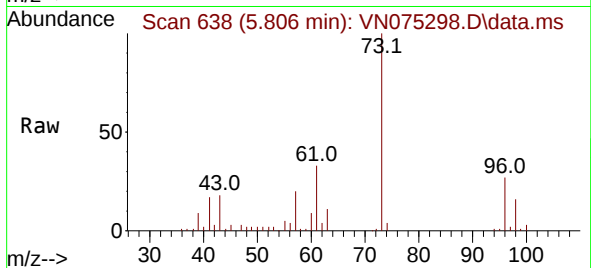
#19
Methyl tert-butyl Ether
Concen: 54.996 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 27819
Ion Ratio Lower Upper
73 100
57 19.6 16.3 24.5

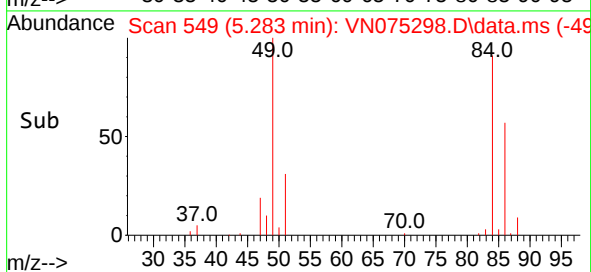
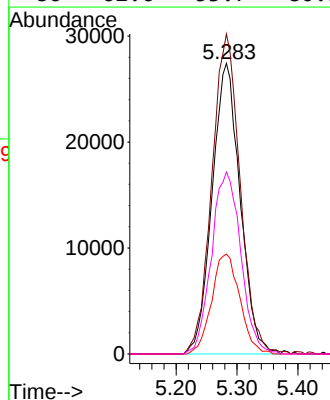
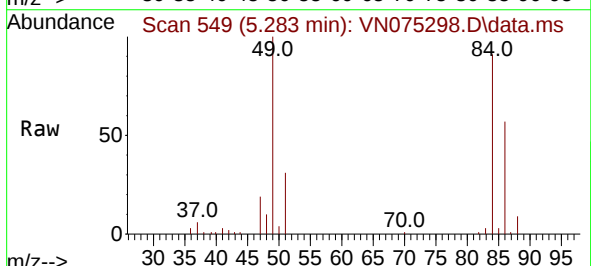
Manual Integrations
APPROVED

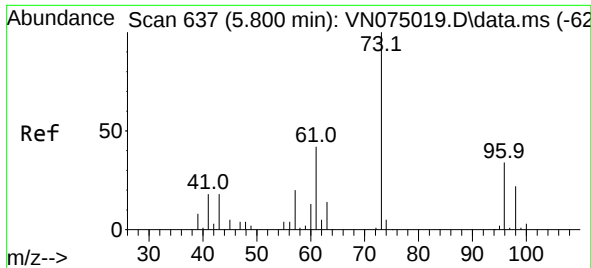
Reviewed By :John Carlone 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#20
Methylene Chloride
Concen: 53.639 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

Tgt Ion: 84 Resp: 87603
Ion Ratio Lower Upper
84 100
49 110.2 94.9 142.3
51 34.4 26.8 40.2
86 62.6 53.7 80.5





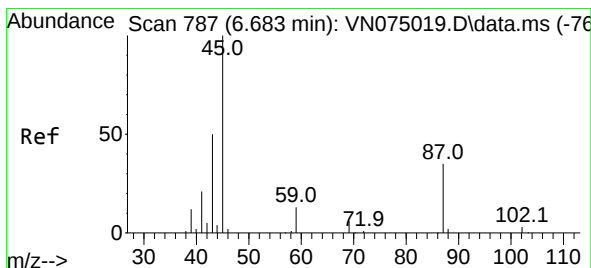
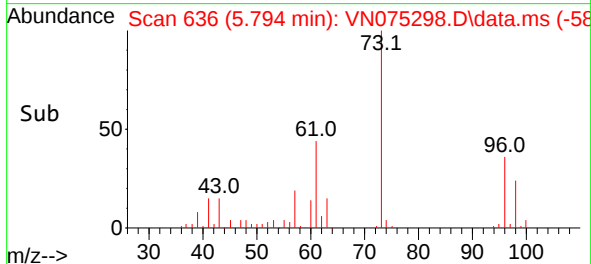
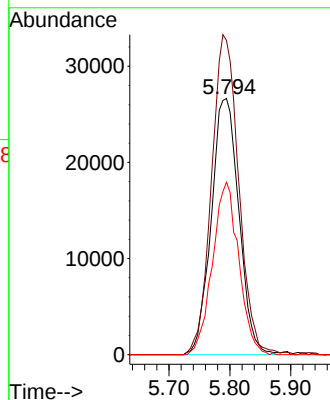
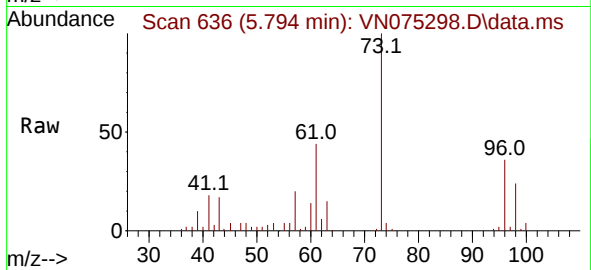
#21
trans-1,2-Dichloroethene
Concen: 56.431 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 8409
Ion Ratio Lower Upper
96 100
61 122.8 99.9 149.9
98 67.4 51.5 77.3

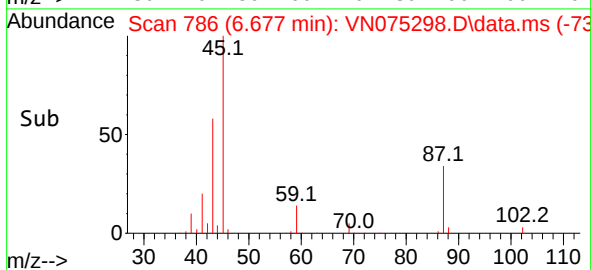
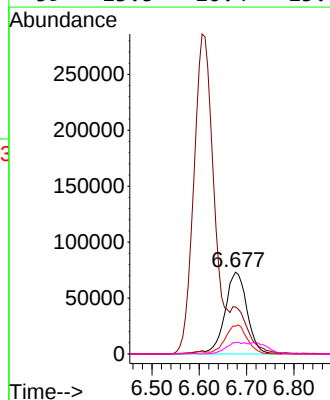
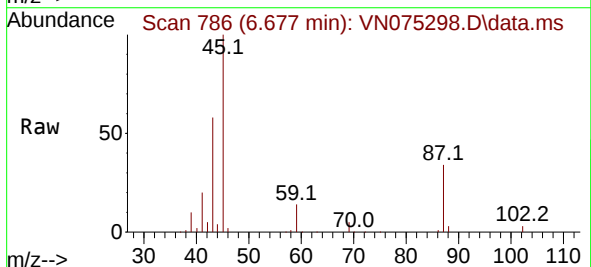
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#22
Diisopropyl ether
Concen: 53.951 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

Tgt Ion: 45 Resp: 236660
Ion Ratio Lower Upper
45 100
43 56.1 42.8 64.2
87 34.0 28.4 42.6
59 13.5 10.4 15.6





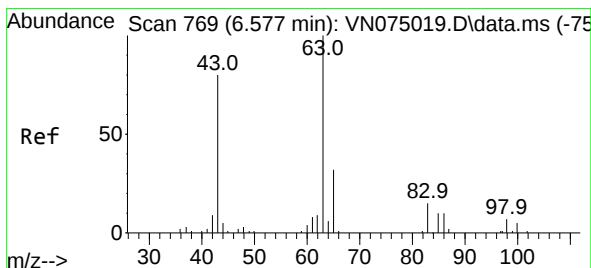
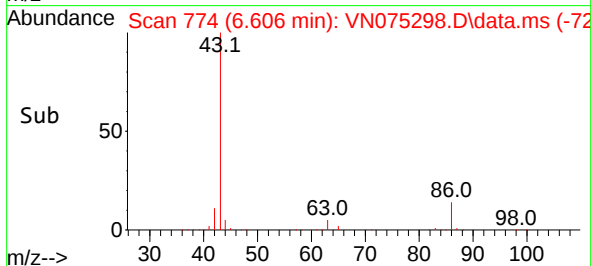
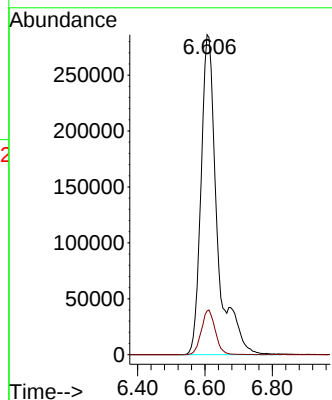
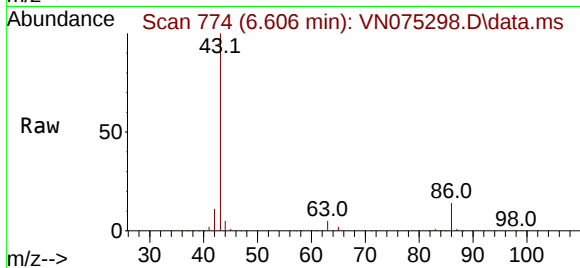
#23
 Vinyl Acetate
 Concen: 259.822 ug/l m
 RT: 6.606 min Scan# 775
 Delta R.T. -0.006 min
 Lab File: VN075298.D
 Acq: 17 Nov 2022 11:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 951738
 Ion Ratio Lower Upper
 43 100
 86 13.6 10.7 16.1

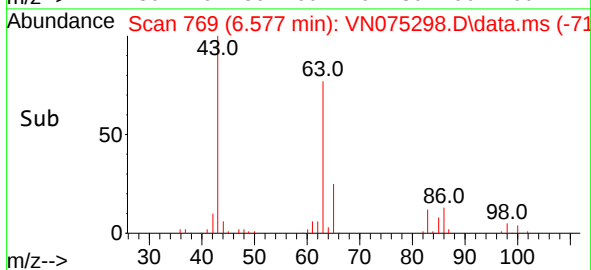
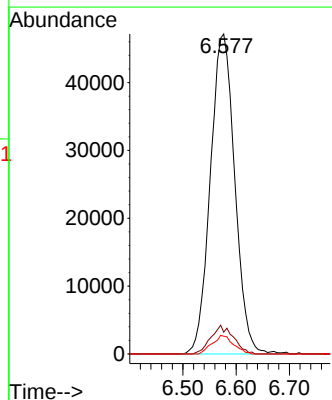
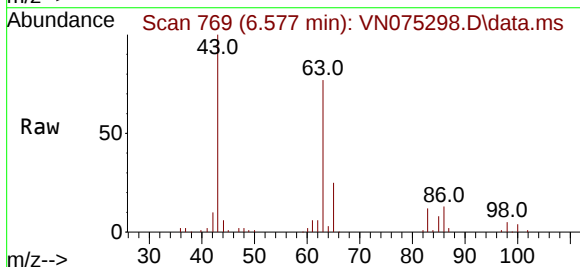
Manual Integrations
 APPROVED

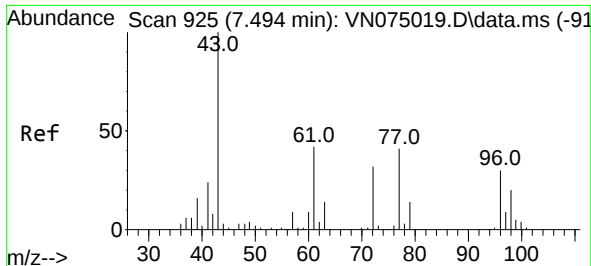
Reviewed By :John Carlone 11/18/2022
 Supervised By :Mahesh Dadoda 11/18/2022



#24
 1,1-Dichloroethane
 Concen: 54.165 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075298.D
 Acq: 17 Nov 2022 11:01

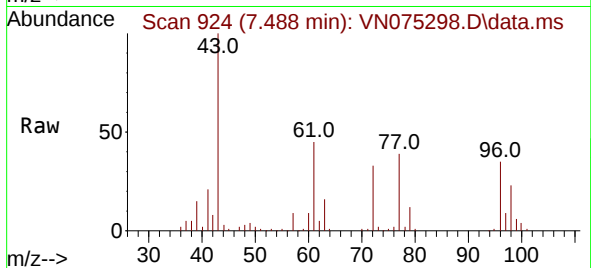
Tgt Ion: 63 Resp: 150271
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 5.6 2.4 7.2





#25
2-Butanone
Concen: 255.156 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

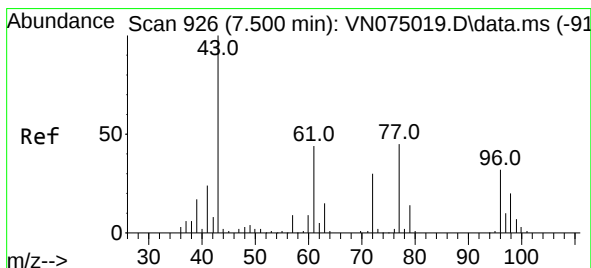
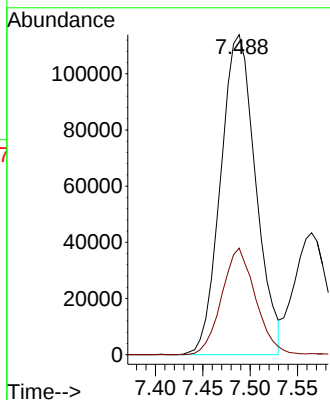
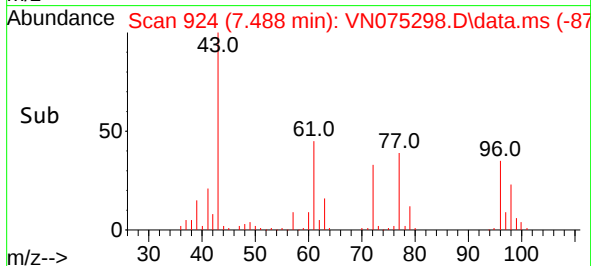
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



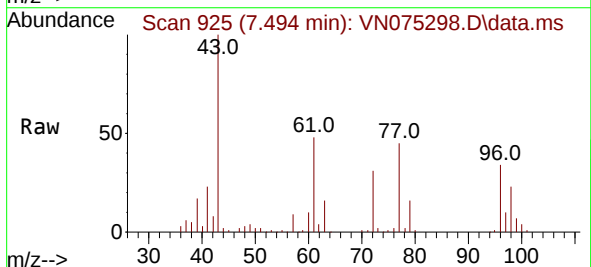
Tgt Ion: 43 Resp: 293970
Ion Ratio Lower Upper
43 100
72 33.3 25.5 38.3

Manual Integrations
APPROVED

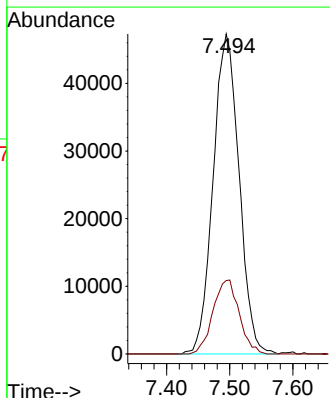
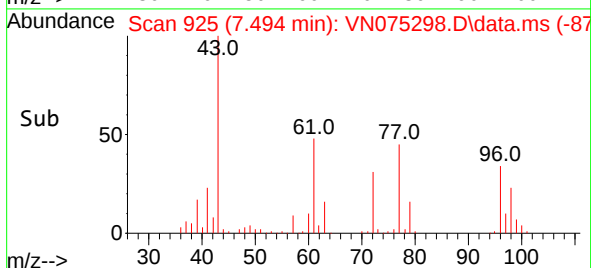
Reviewed By :John Carlone 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022

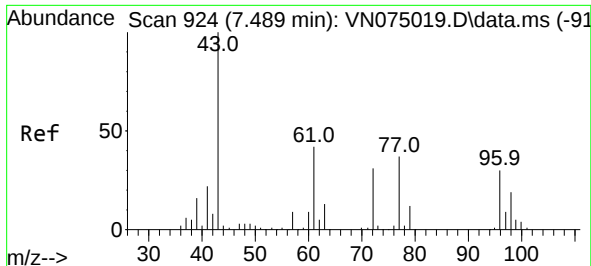


#26
2,2-Dichloropropane
Concen: 52.896 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.006 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01



Tgt Ion: 77 Resp: 135003
Ion Ratio Lower Upper
77 100
97 23.3 11.2 33.6





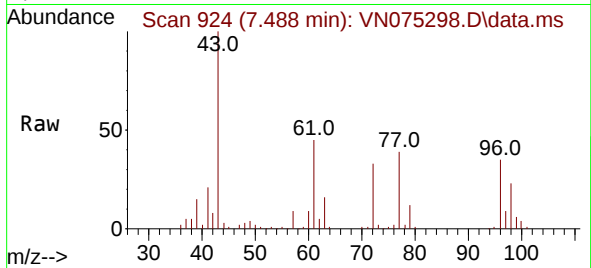
#27
 cis-1,2-Dichloroethene
 Concen: 57.044 ug/l
 RT: 7.488 min Scan# 91
 Delta R.T. -0.001 min
 Lab File: VN075298.D
 Acq: 17 Nov 2022 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



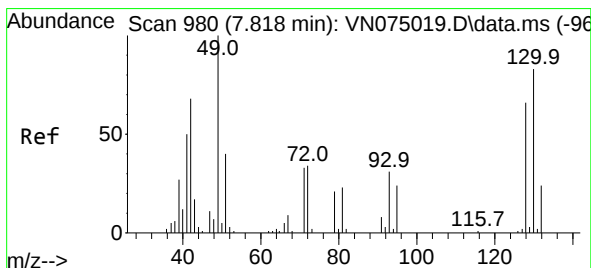
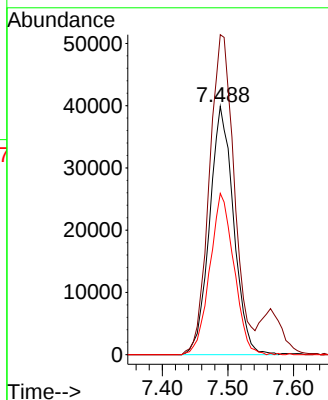
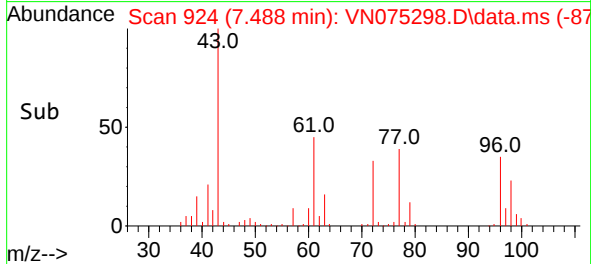
Tgt Ion: 96 Resp: 10151
 Ion Ratio Lower Upper
 96 100
 61 134.0 0.0 278.8
 98 65.1 0.0 128.4

Manual Integrations

APPROVED

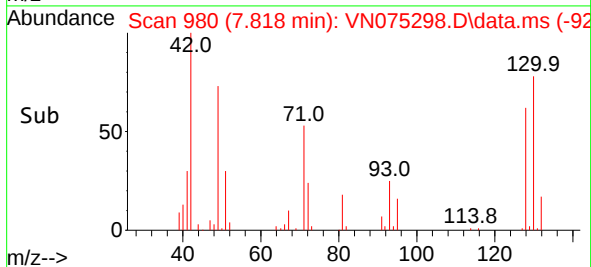
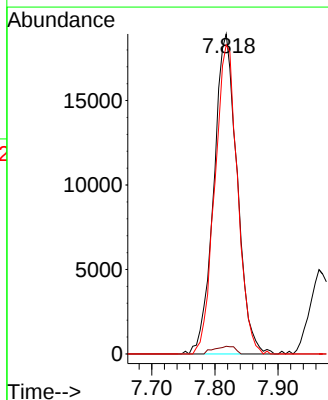
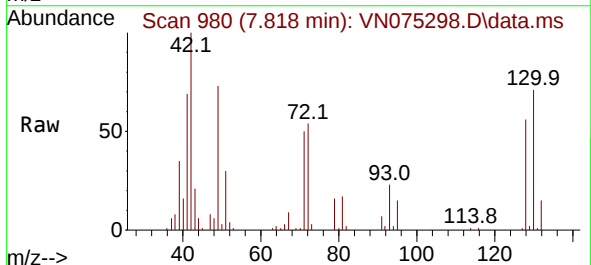
Reviewed By :John Carlone 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#28
 Bromochloromethane
 Concen: 41.584 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075298.D
 Acq: 17 Nov 2022 11:01

Tgt Ion: 49 Resp: 48633
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 94.0 66.2 99.4





#29

Tetrahydrofuran

Concen: 245.793 ug/l

RT: 7.841 min Scan# 985

Delta R.T. -0.006 min

Lab File: VN075298.D

Acq: 17 Nov 2022 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 182994

Ion Ratio Lower Upper

42 100

72 53.5 43.0 64.6

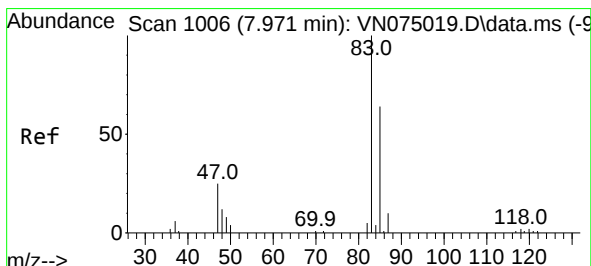
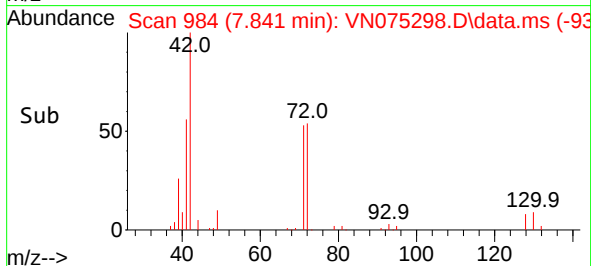
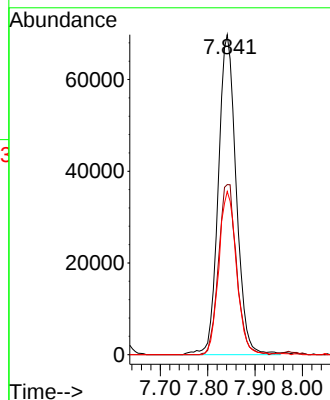
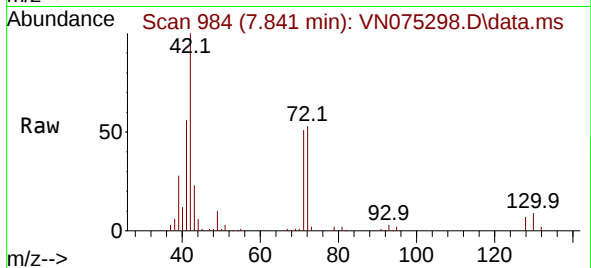
71 50.5 39.9 59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#30

Chloroform

Concen: 54.982 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN075298.D

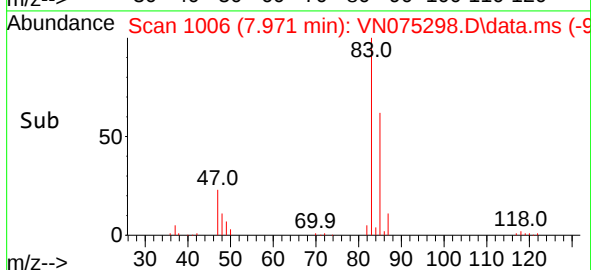
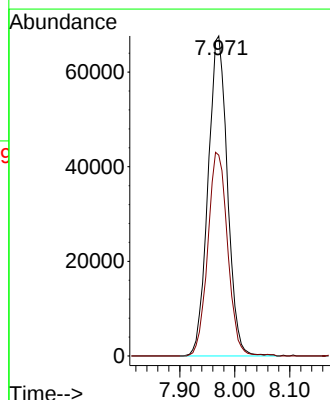
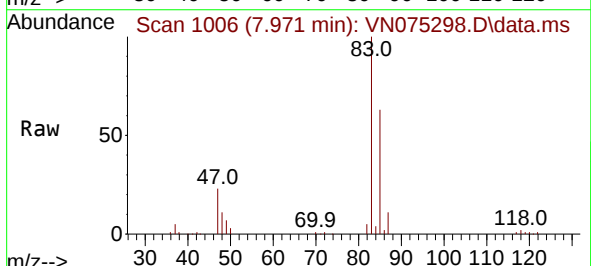
Acq: 17 Nov 2022 11:01

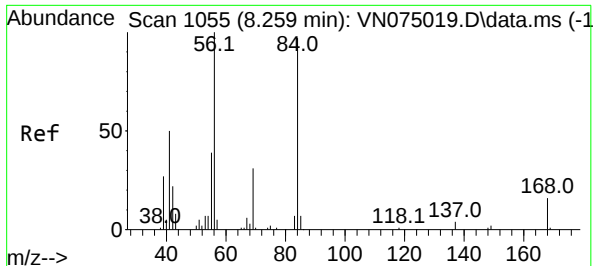
Tgt Ion: 83 Resp: 165615

Ion Ratio Lower Upper

83 100

85 62.8 51.4 77.0





#31

Cyclohexane

Concen: 50.481 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VN075298.D

Acq: 17 Nov 2022 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 12988

Ion Ratio Lower Upper

56 100

69 32.7 25.2 37.8

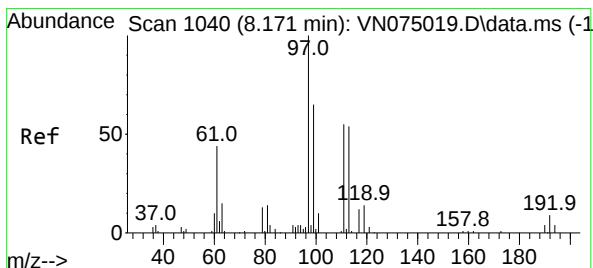
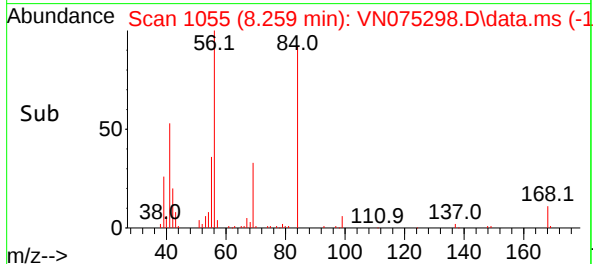
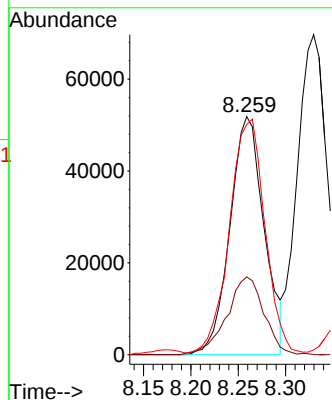
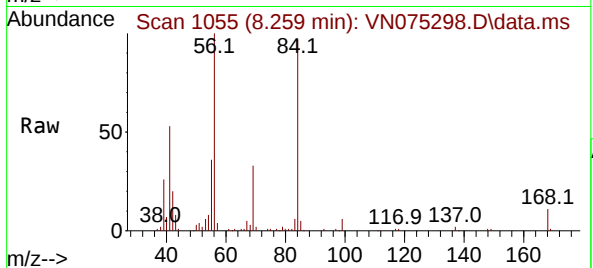
84 95.4 77.8 116.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#32

1,1,1-Trichloroethane

Concen: 54.544 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075298.D

Acq: 17 Nov 2022 11:01

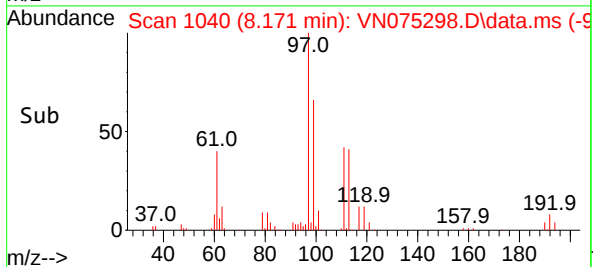
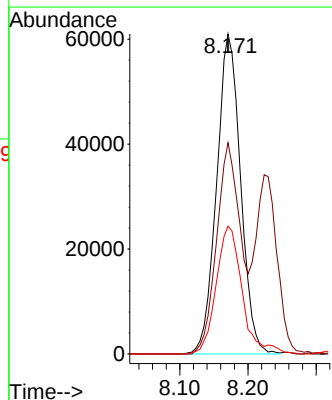
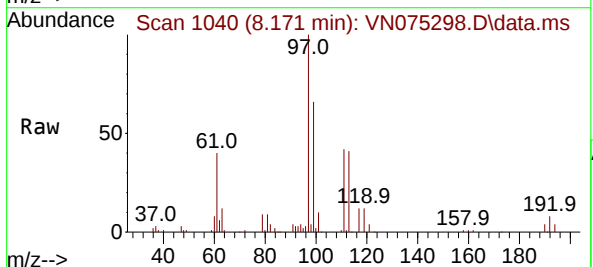
Tgt Ion: 97 Resp: 149199

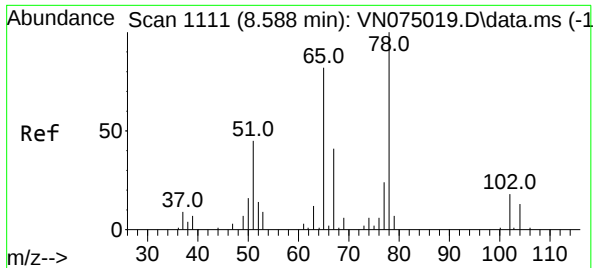
Ion Ratio Lower Upper

97 100

99 65.5 50.2 75.2

61 43.3 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 39.333 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075298.D

Acq: 17 Nov 2022 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050

Tgt Ion: 65 Resp: 6804

Ion Ratio Lower Upper

65 100

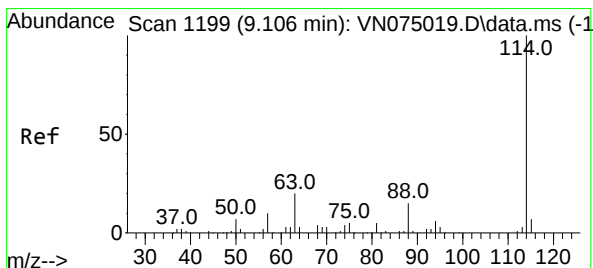
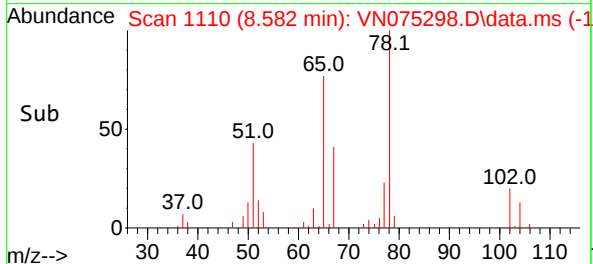
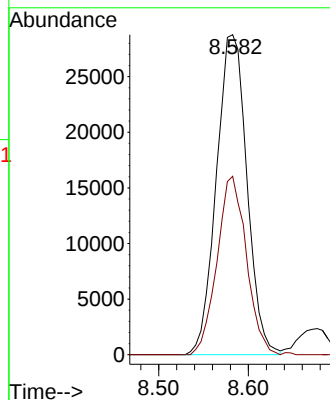
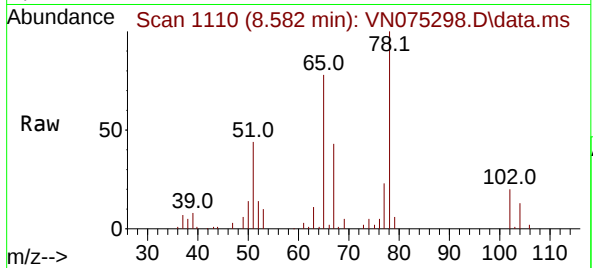
67 53.5 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN075298.D

Acq: 17 Nov 2022 11:01

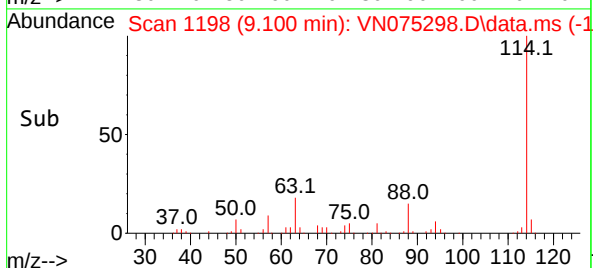
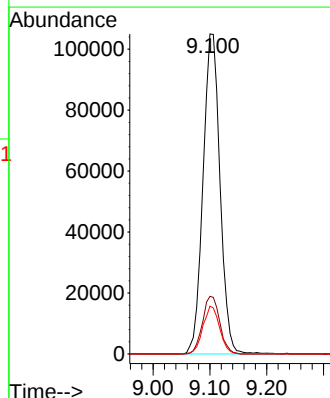
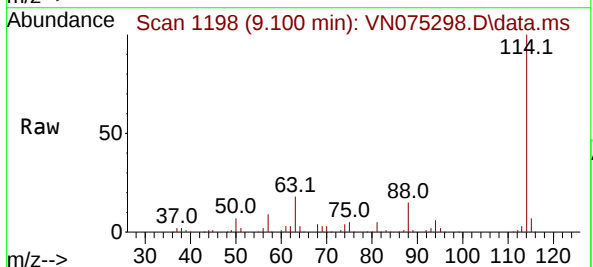
Tgt Ion:114 Resp: 217964

Ion Ratio Lower Upper

114 100

63 18.0 0.0 39.6

88 15.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 48.773 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075298.D

Acq: 17 Nov 2022 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

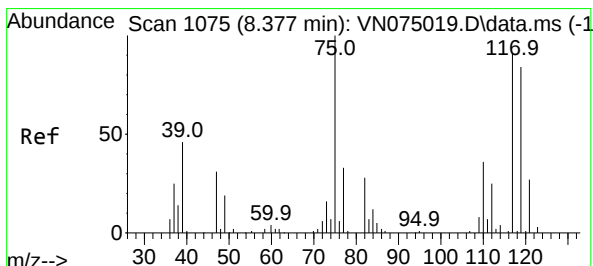
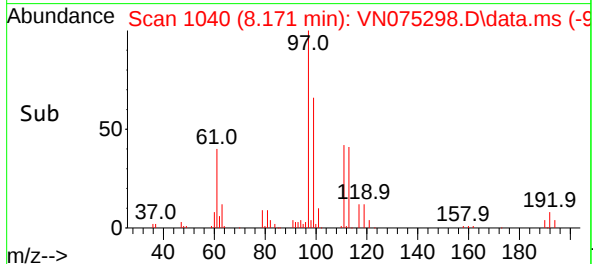
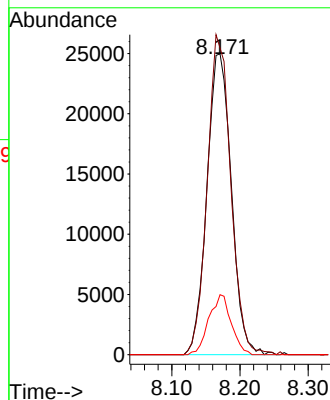
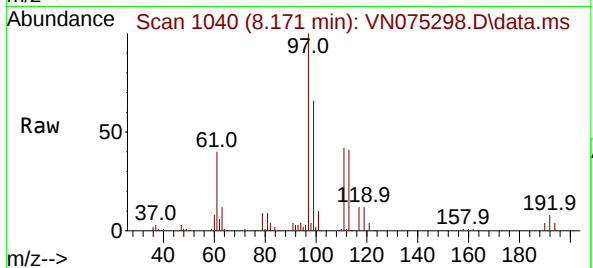
Tgt Ion:	113	Resp:	62408
Ion Ratio	Lower	Upper	
113	100		
111	102.1	80.5	120.7
192	18.2	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#36

1,1-Dichloropropene

Concen: 61.258 ug/l

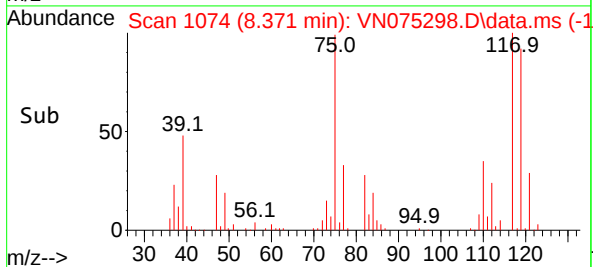
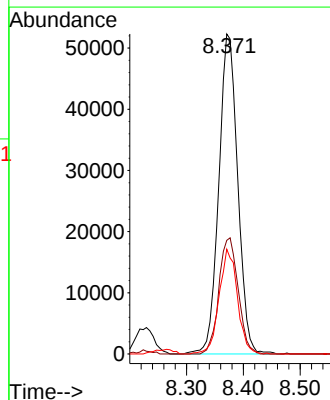
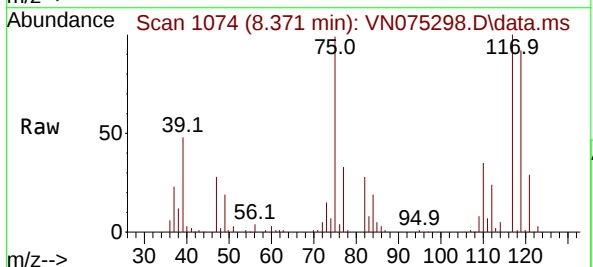
RT: 8.371 min Scan# 1074

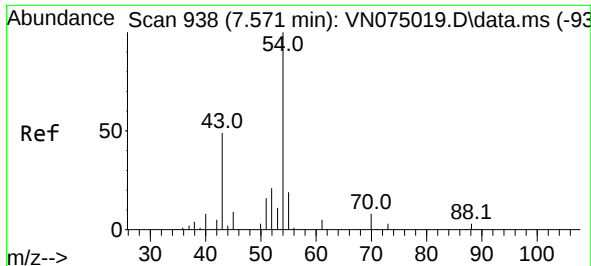
Delta R.T. -0.006 min

Lab File: VN075298.D

Acq: 17 Nov 2022 11:01

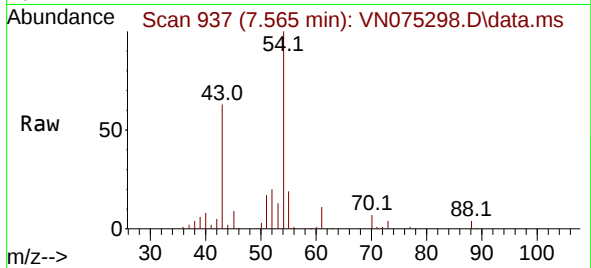
Tgt Ion:	75	Resp:	121351
Ion Ratio	Lower	Upper	
75	100		
110	36.9	17.8	53.3
77	31.6	24.6	37.0





#37
Ethyl Acetate
Concen: 50.348 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

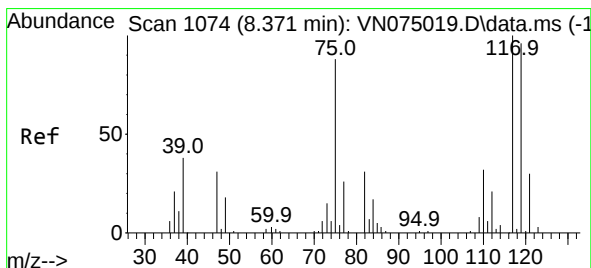
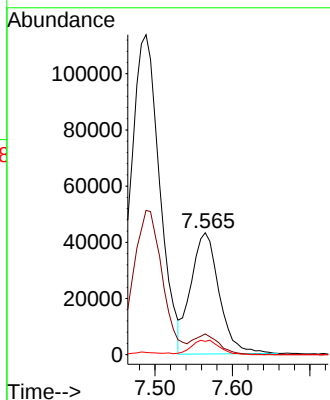
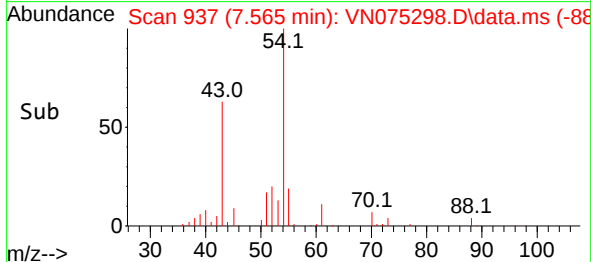
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 109380
Ion Ratio Lower Upper
43 100
61 15.5 12.2 18.4
70 11.8 9.4 14.2

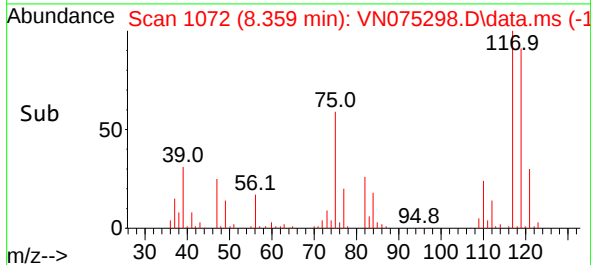
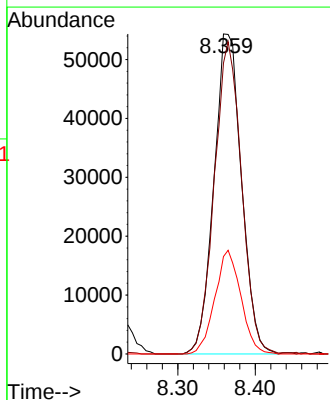
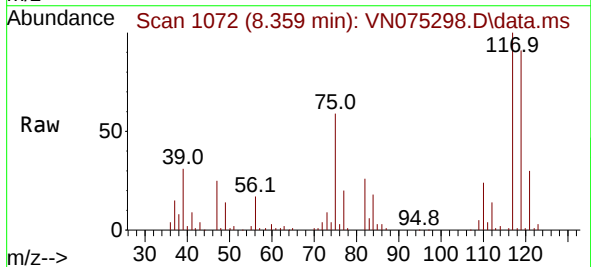
Manual Integrations
APPROVED

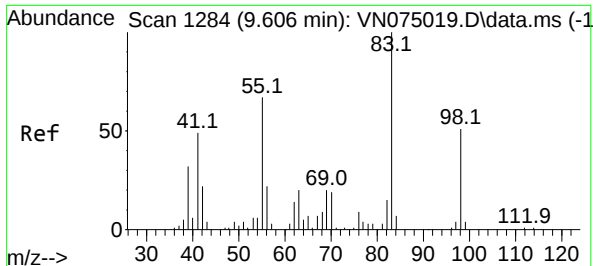
Reviewed By :John Carlone 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#38
Carbon Tetrachloride
Concen: 61.732 ug/l
RT: 8.359 min Scan# 1072
Delta R.T. -0.012 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

Tgt Ion:117 Resp: 134520
Ion Ratio Lower Upper
117 100
119 90.9 76.7 115.1
121 30.5 23.9 35.9





#39

Methylcyclohexane

Concen: 60.914 ug/l

RT: 9.600 min Scan# 1114

Delta R.T. -0.006 min

Lab File: VN075298.D

Acq: 17 Nov 2022 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 15930

Ion Ratio Lower Upper

83 100

55 66.8 53.6 80.4

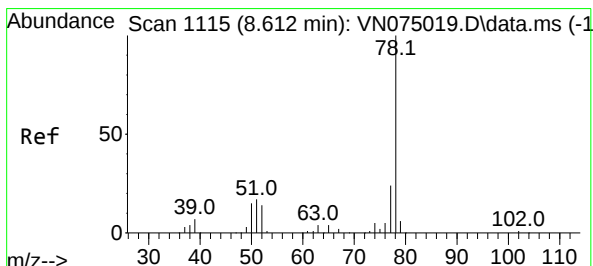
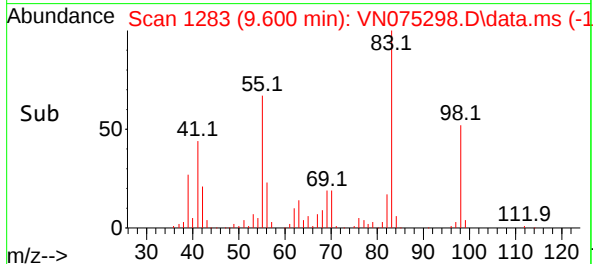
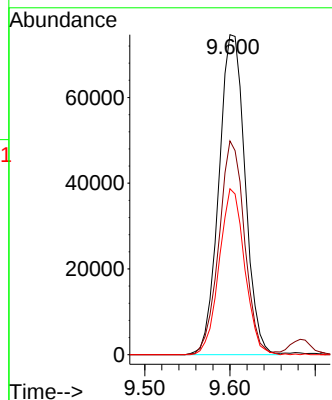
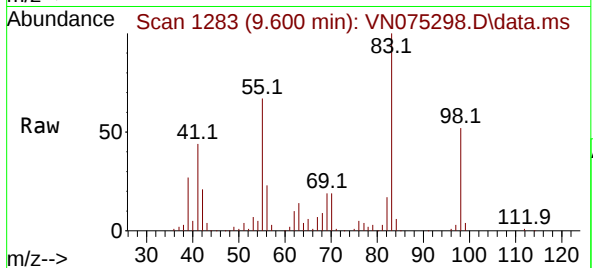
98 51.8 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#40

Benzene

Concen: 60.487 ug/l

RT: 8.606 min Scan# 1114

Delta R.T. -0.006 min

Lab File: VN075298.D

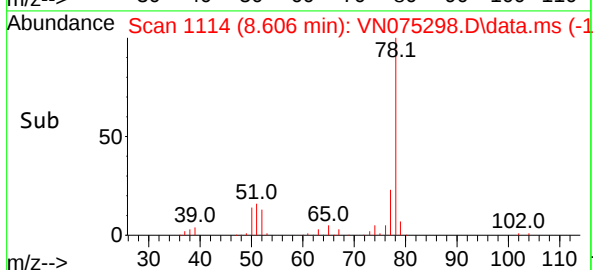
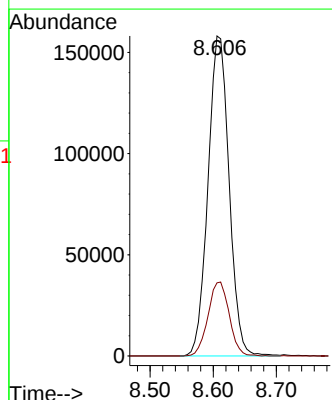
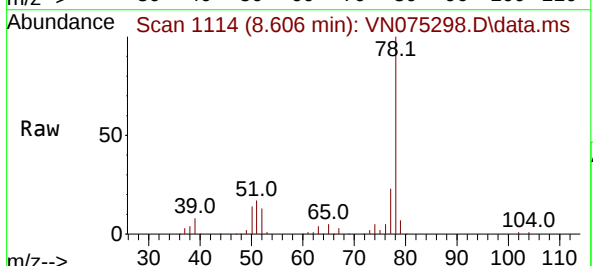
Acq: 17 Nov 2022 11:01

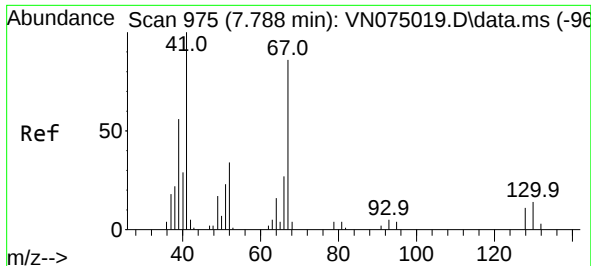
Tgt Ion: 78 Resp: 366883

Ion Ratio Lower Upper

78 100

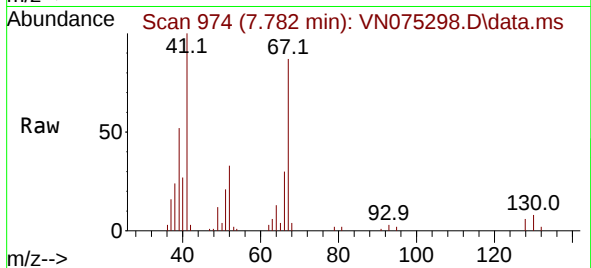
77 22.9 19.4 29.0





#41
Methacrylonitrile
Concen: 54.742 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

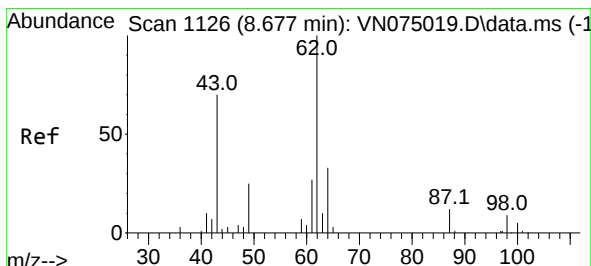
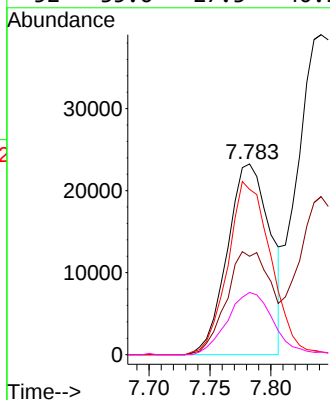
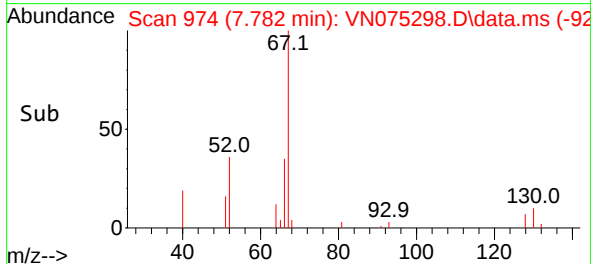
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 56978
Ion Ratio Lower Upper
41 100
39 56.0 44.4 66.6
67 91.2 69.8 104.6
52 35.6 27.3 40.9

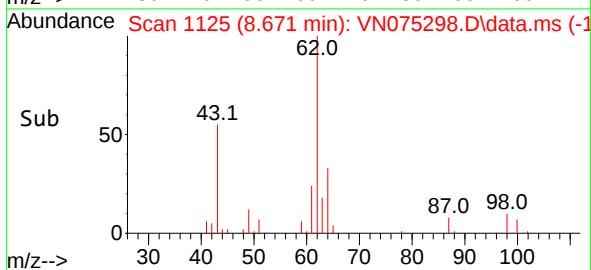
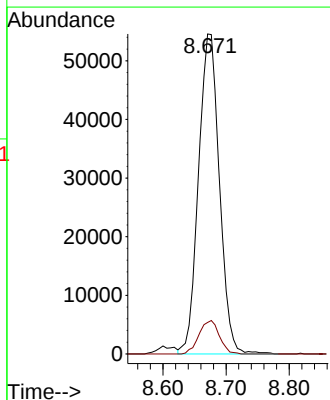
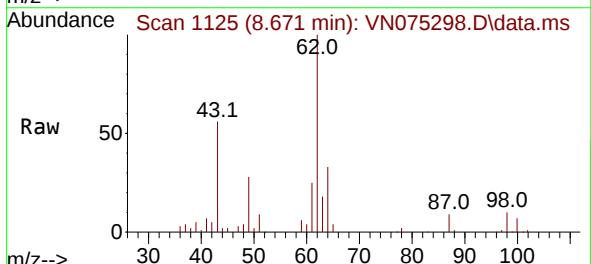
Manual Integrations
APPROVED

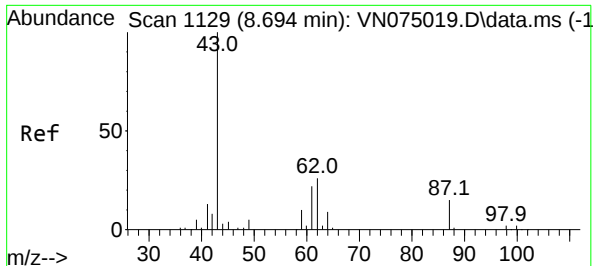
Reviewed By :John Carlone 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#42
1,2-Dichloroethane
Concen: 56.909 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

Tgt Ion: 62 Resp: 125583
Ion Ratio Lower Upper
62 100
98 10.2 0.0 18.2





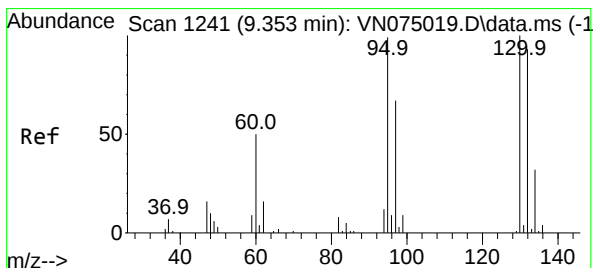
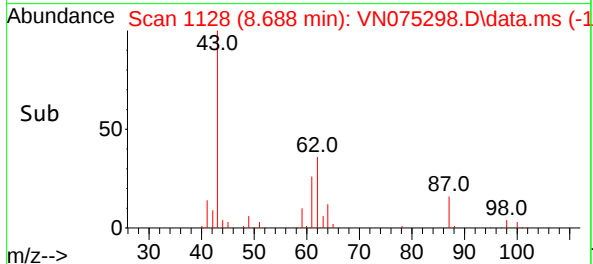
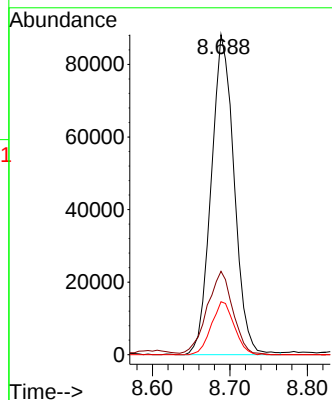
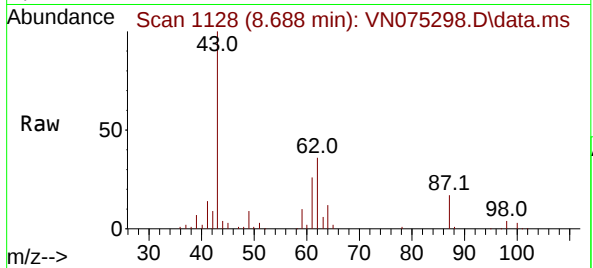
#43
Isopropyl Acetate
Concen: 53.781 ug/l
RT: 8.688 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 18123
Ion Ratio Lower Upper
43 100
61 29.4 22.4 33.6
87 16.5 12.5 18.7

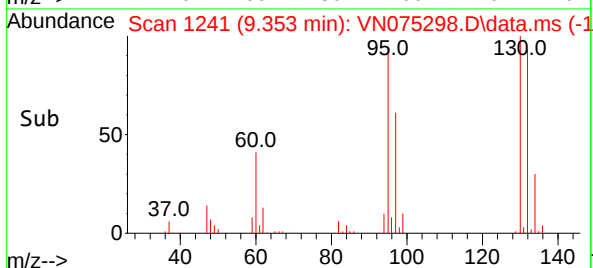
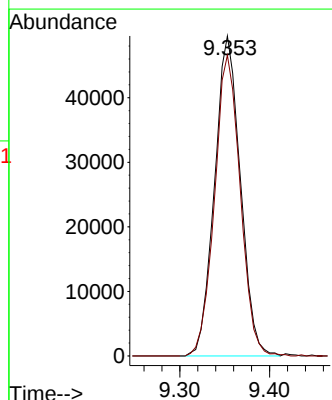
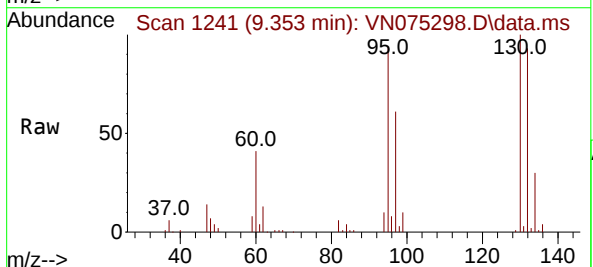
Manual Integrations
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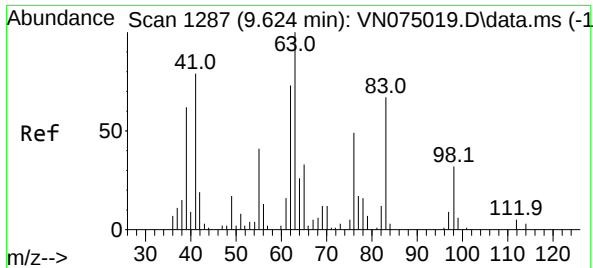
Reviewed By :John Carlone 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#44
Trichloroethene
Concen: 64.982 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

Tgt Ion:130 Resp: 98886
Ion Ratio Lower Upper
130 100
95 94.0 0.0 198.4





#45

1,2-Dichloropropane

Concen: 61.142 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075298.D

Acq: 17 Nov 2022 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 88250

Ion Ratio Lower Upper

63 100

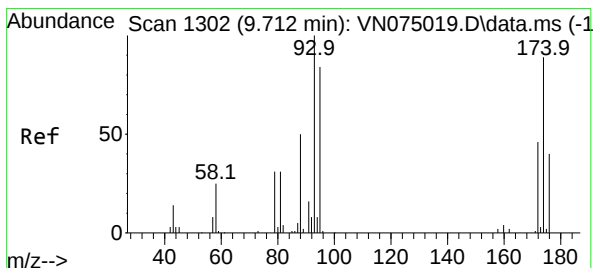
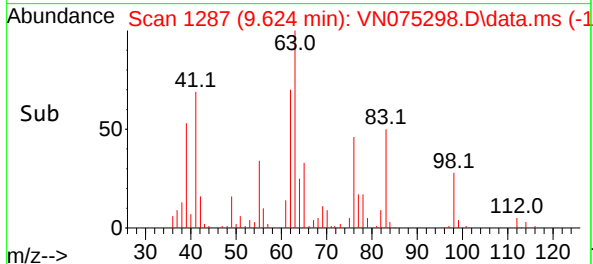
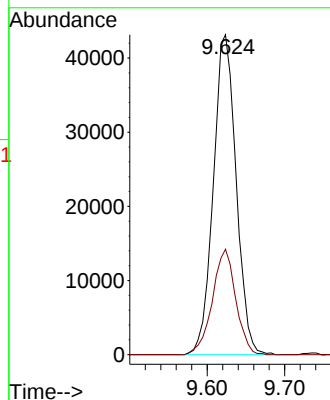
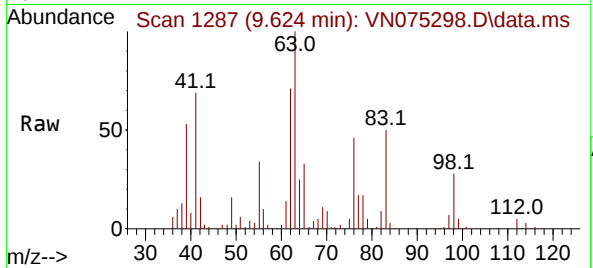
65 33.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#46

Dibromomethane

Concen: 58.918 ug/l

RT: 9.706 min Scan# 1301

Delta R.T. -0.006 min

Lab File: VN075298.D

Acq: 17 Nov 2022 11:01

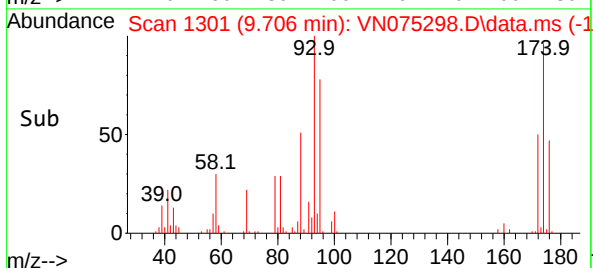
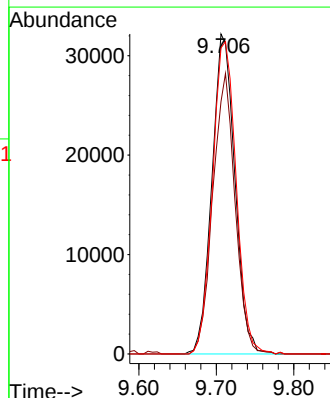
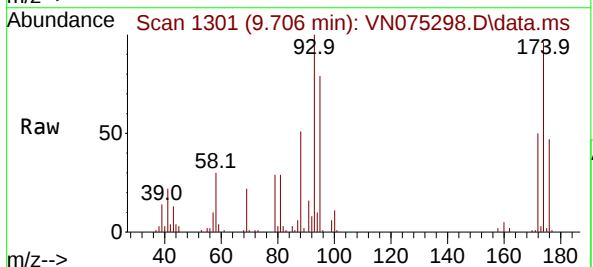
Tgt Ion: 93 Resp: 66258

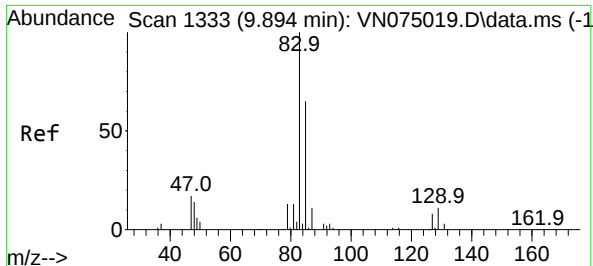
Ion Ratio Lower Upper

93 100

95 85.3 66.6 99.8

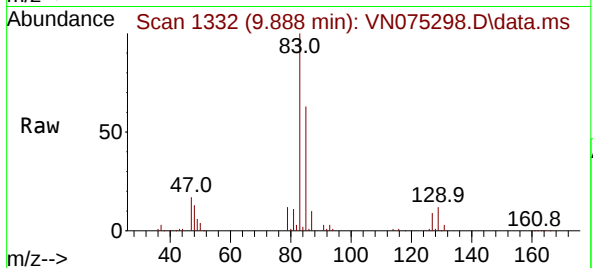
174 100.6 70.3 105.5





#47
Bromodichloromethane
Concen: 60.638 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. -0.006 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

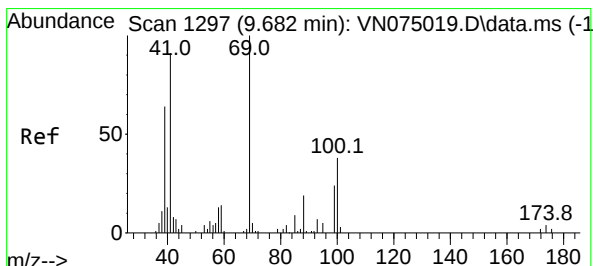
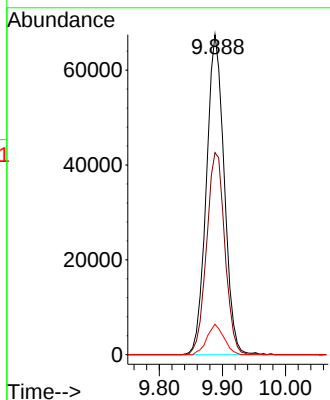
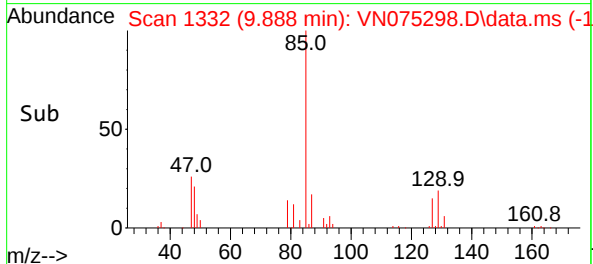
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 132050
Ion Ratio Lower Upper
83 100
85 63.2 52.1 78.1
127 9.5 6.6 10.0

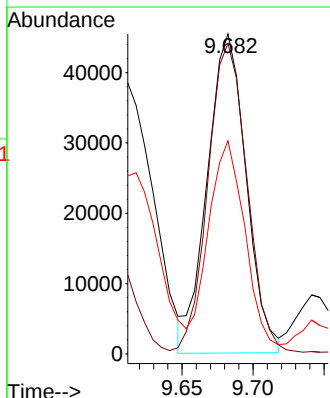
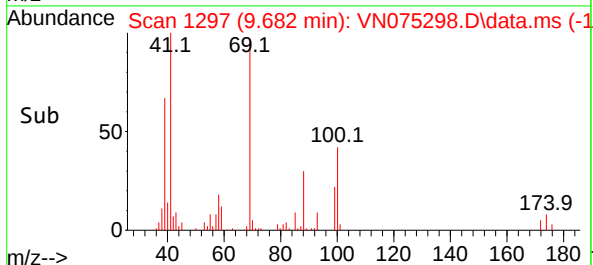
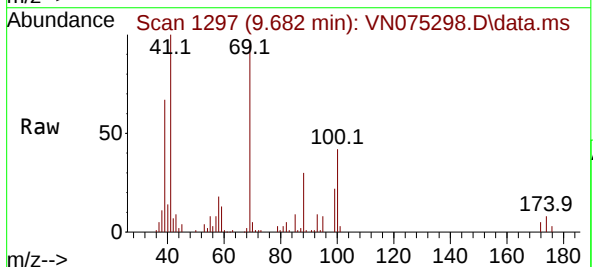
Manual Integrations
APPROVED

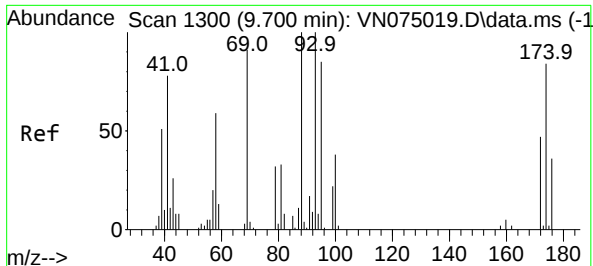
Reviewed By :John Carlone 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#48
Methyl methacrylate
Concen: 55.974 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

Tgt Ion: 41 Resp: 86525
Ion Ratio Lower Upper
41 100
69 98.6 80.2 120.2
39 63.8 56.2 84.2





#49

1,4-Dioxane

Concen: 1169.832 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075298.D

Acq: 17 Nov 2022 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 4735

Ion Ratio Lower Upper

88 100

43 21.5 17.5 26.3

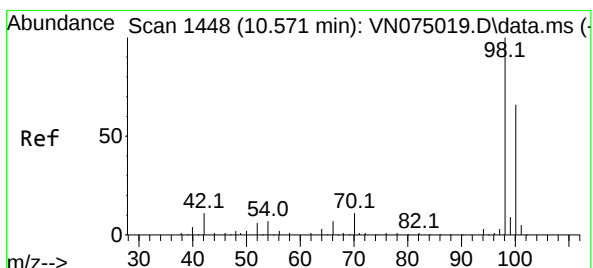
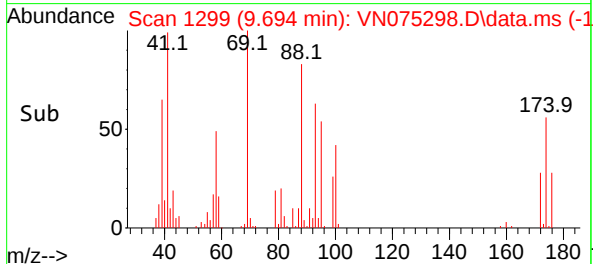
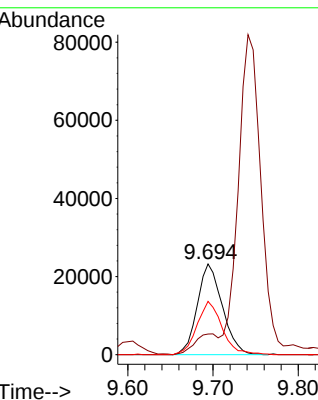
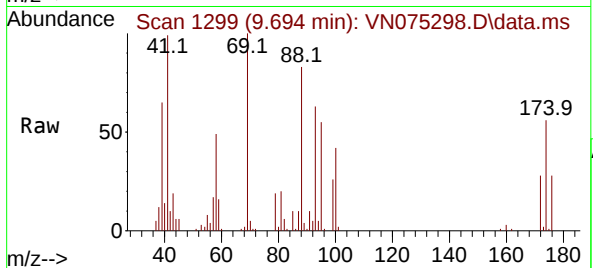
58 59.0 49.8 74.8

Manual Integrations

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Reviewed By :John Carlone 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#50

Toluene-d8

Concen: 44.014 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN075298.D

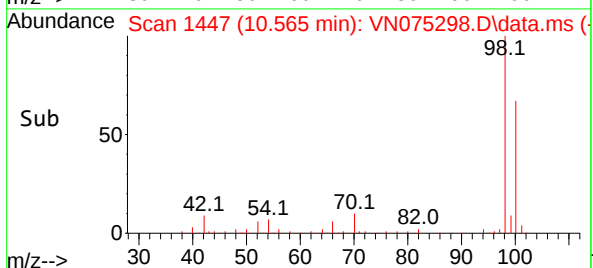
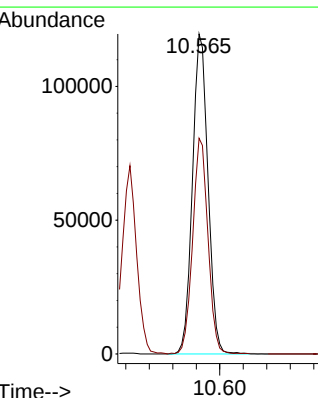
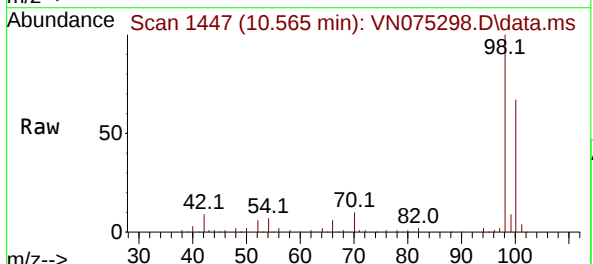
Acq: 17 Nov 2022 11:01

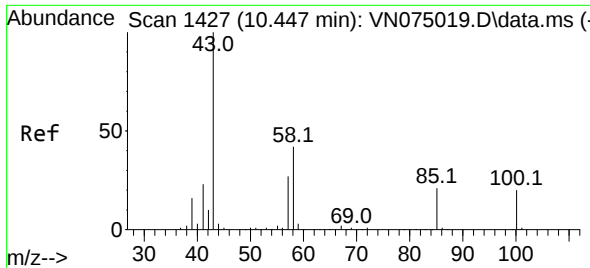
Tgt Ion: 98 Resp: 218500

Ion Ratio Lower Upper

98 100

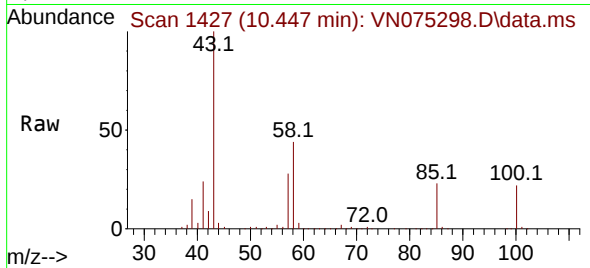
100 66.5 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 266.290 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

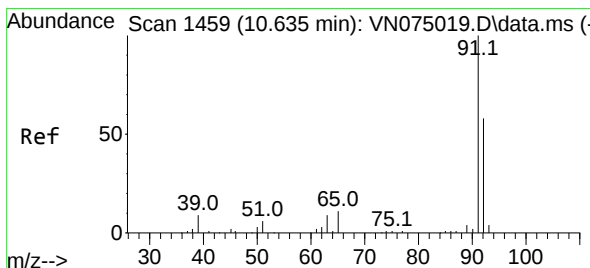
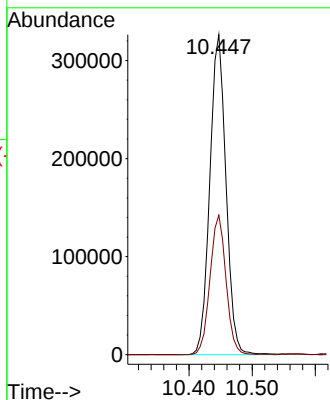
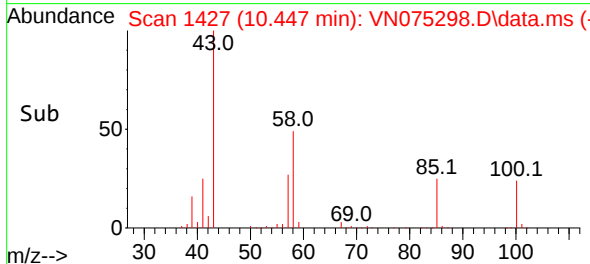
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



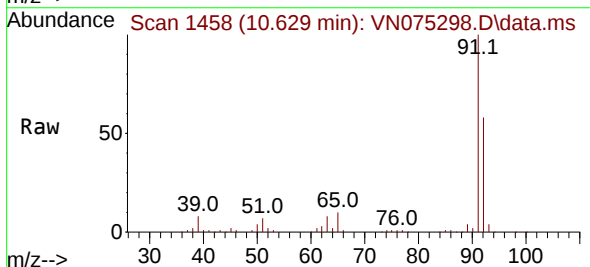
Tgt Ion: 43 Resp: 57906
Ion Ratio Lower Upper
43 100
58 43.2 33.6 50.4

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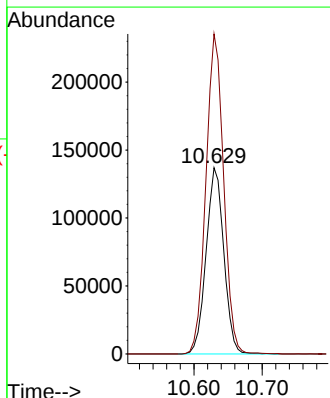
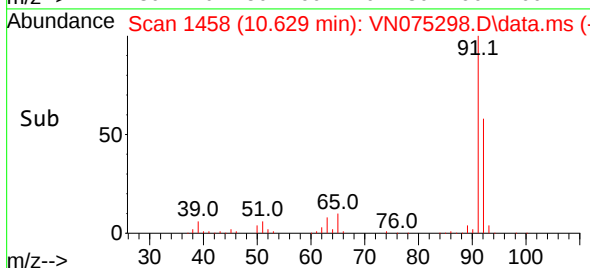
Reviewed By :John Carlone 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022

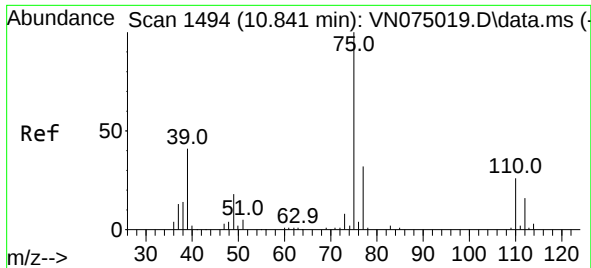


#52
Toluene
Concen: 61.077 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01



Tgt Ion: 92 Resp: 247643
Ion Ratio Lower Upper
92 100
91 171.6 135.4 203.2





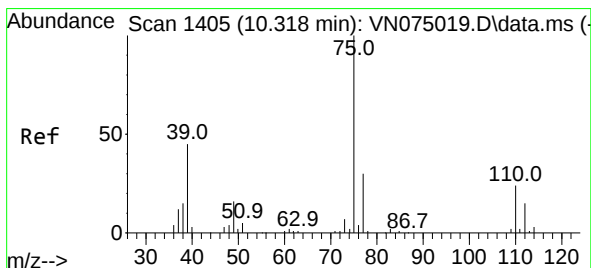
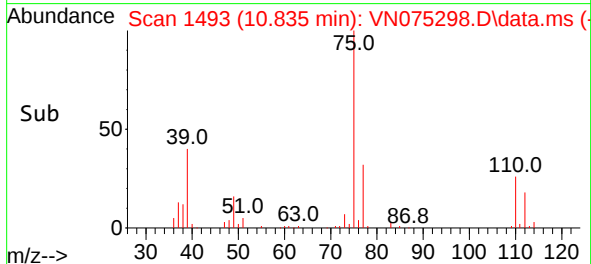
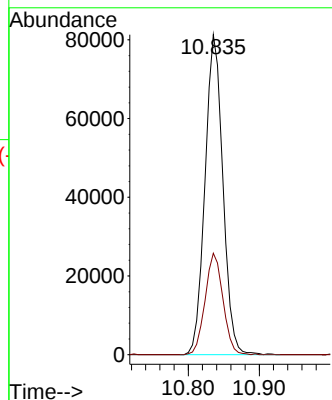
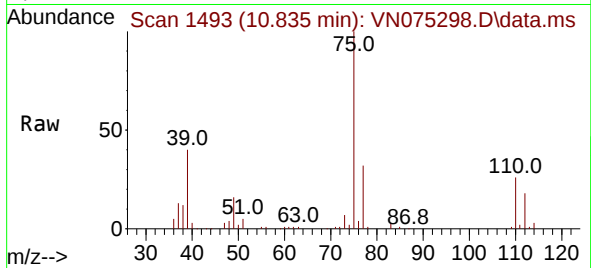
#53
t-1,3-Dichloropropene
Concen: 61.937 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 142374
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2

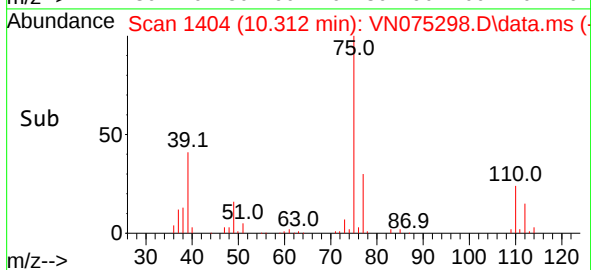
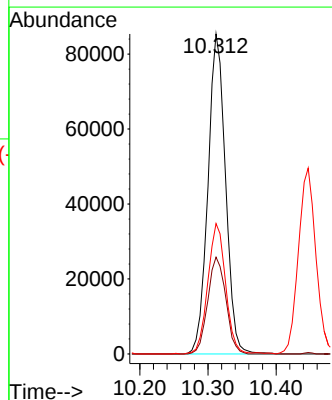
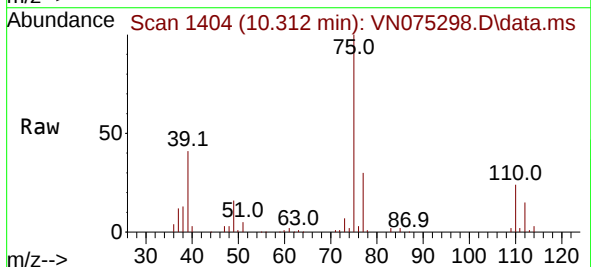
Manual Integrations
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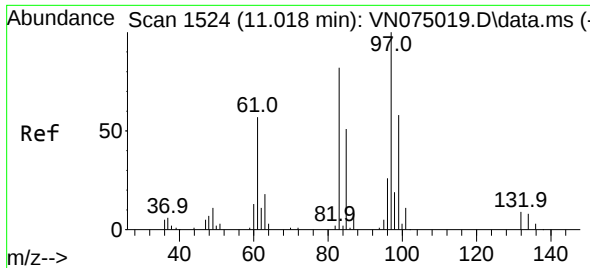
Reviewed By :John Carlone 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#54
cis-1,3-Dichloropropene
Concen: 62.903 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.006 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

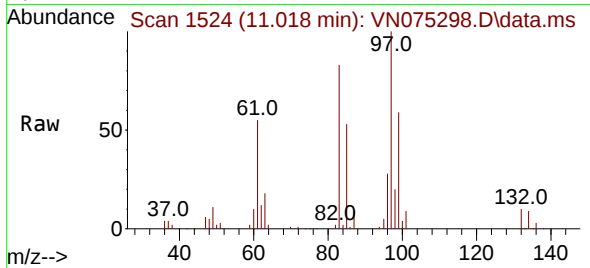
Tgt Ion: 75 Resp: 153362
Ion Ratio Lower Upper
75 100
77 30.3 23.7 35.5
39 40.8 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 61.563 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

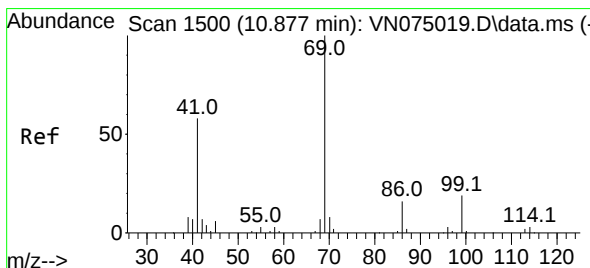
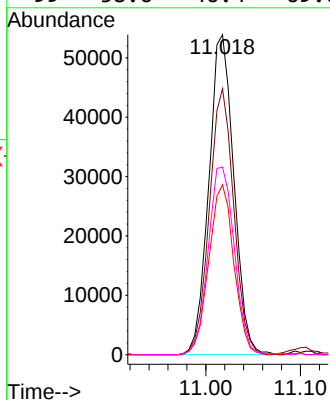
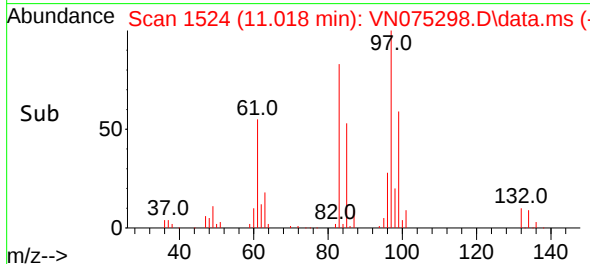
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



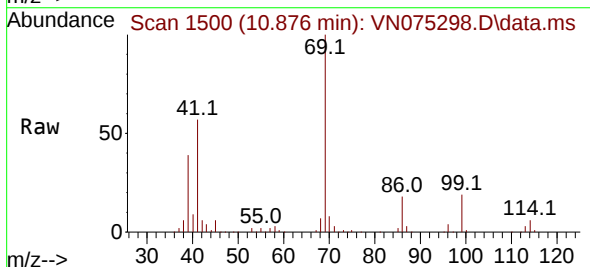
Tgt Ion:	97	Resp:	9897
Ion Ratio	100	Lower	Upper
97	100		
83	83.1	65.9	98.9
85	53.1	40.4	60.6
99	58.6	46.4	69.6

Manual Integrations
APPROVED

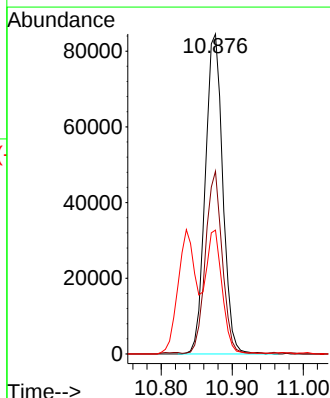
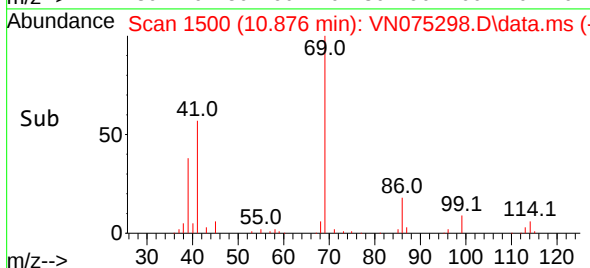
Reviewed By :John Carlone 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022

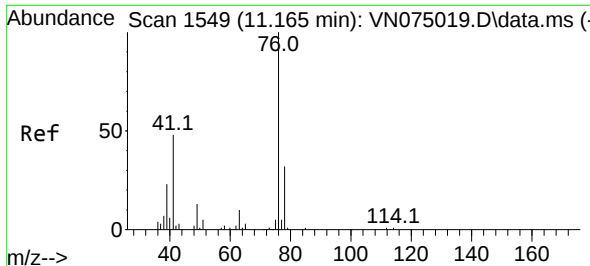


#56
Ethyl methacrylate
Concen: 58.886 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01



Tgt Ion:	69	Resp:	144406
Ion Ratio	100	Lower	Upper
69	100		
41	54.2	45.6	68.4
39	36.9	28.5	42.7





#57

1,3-Dichloropropane

Concen: 60.309 ug/l

RT: 11.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075298.D

Acq: 17 Nov 2022 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 16146

Ion Ratio Lower Upper

76 100

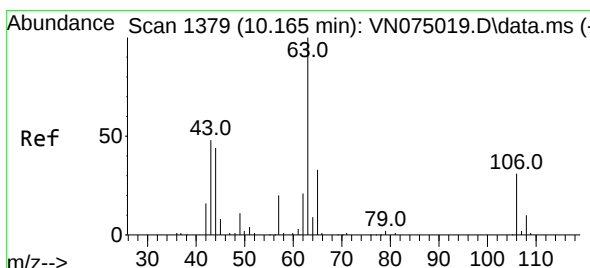
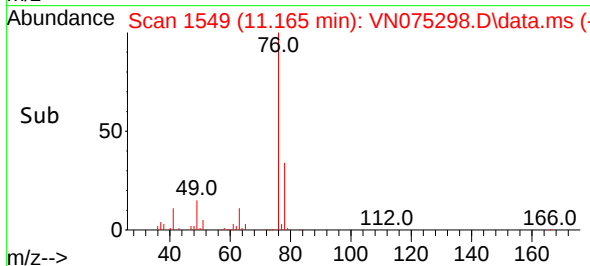
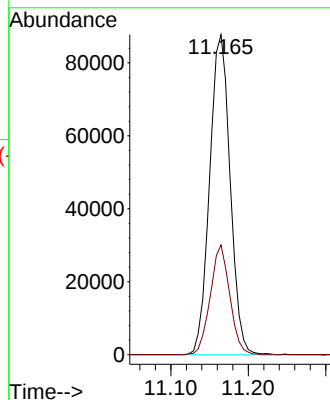
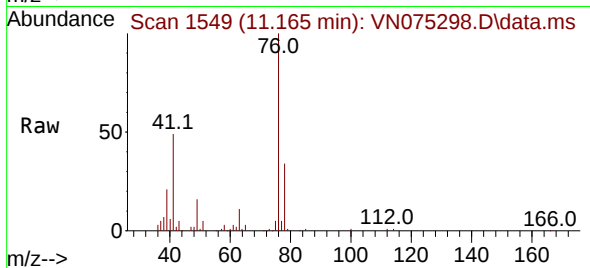
78 32.6 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#58

2-Chloroethyl Vinyl ether

Concen: 234.813 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN075298.D

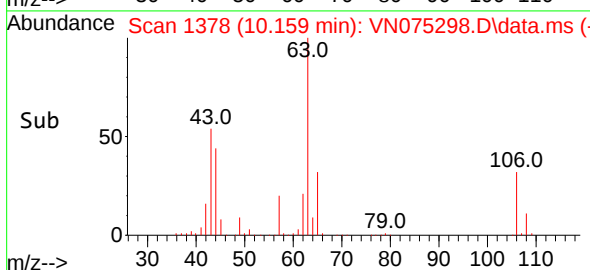
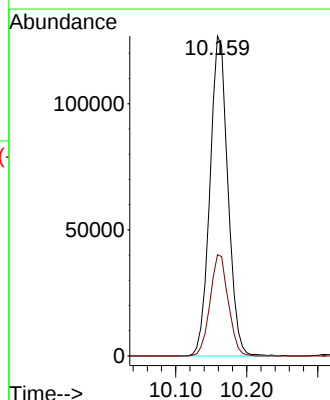
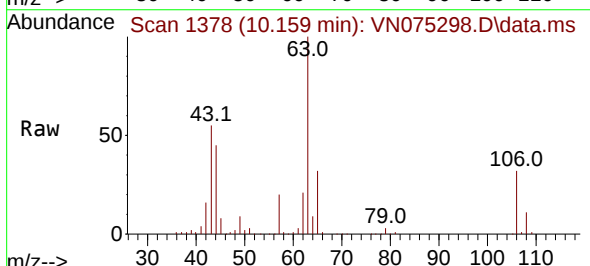
Acq: 17 Nov 2022 11:01

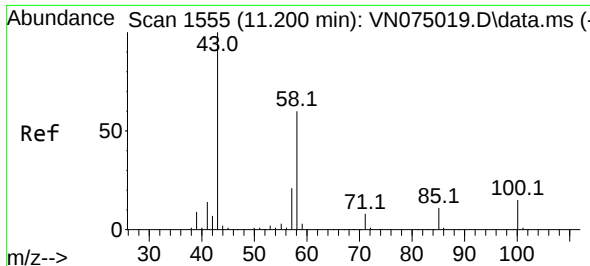
Tgt Ion: 63 Resp: 222616

Ion Ratio Lower Upper

63 100

106 32.0 24.8 37.2





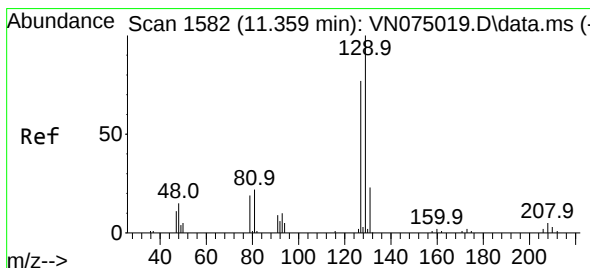
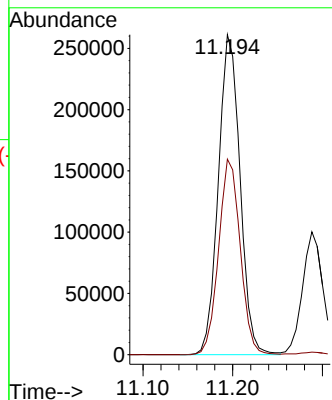
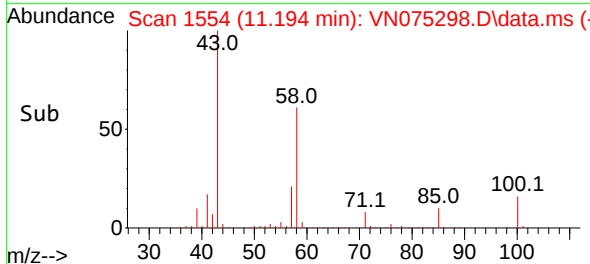
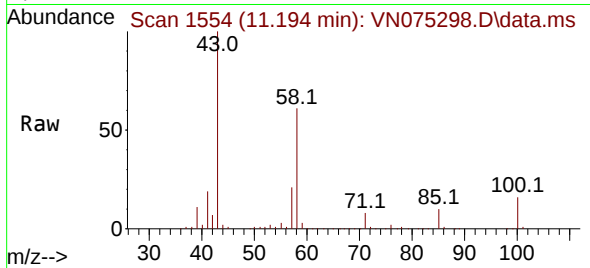
#59
2-Hexanone
Concen: 265.753 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 438600
Ion Ratio Lower Upper
43 100
58 60.9 29.6 88.8

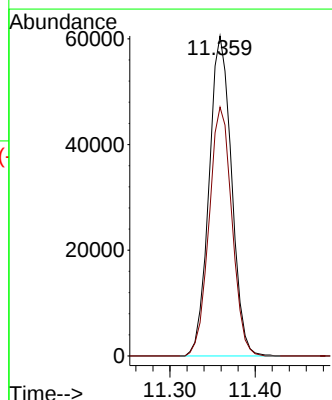
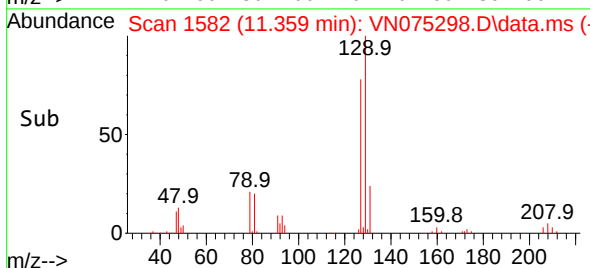
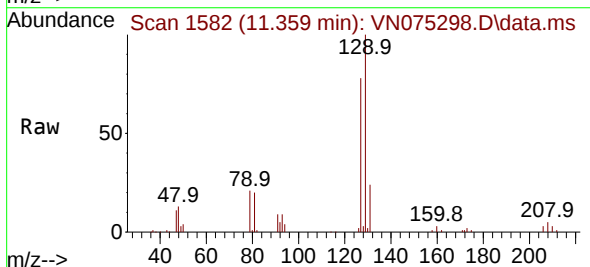
Manual Integrations
APPROVED

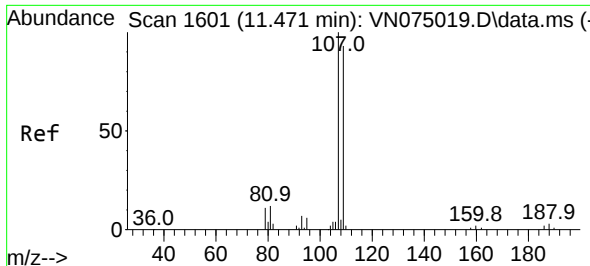
Reviewed By :John Carlone 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#60
Dibromochloromethane
Concen: 65.458 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

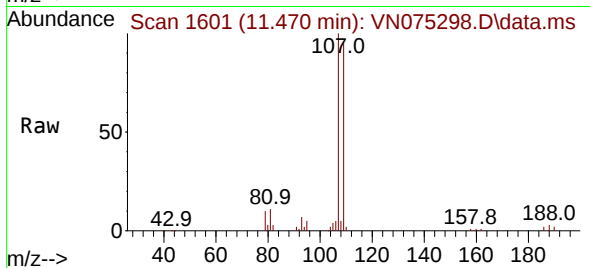
Tgt Ion:129 Resp: 111027
Ion Ratio Lower Upper
129 100
127 78.9 38.6 115.8





#61
1,2-Dibromoethane
Concen: 61.995 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.001 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

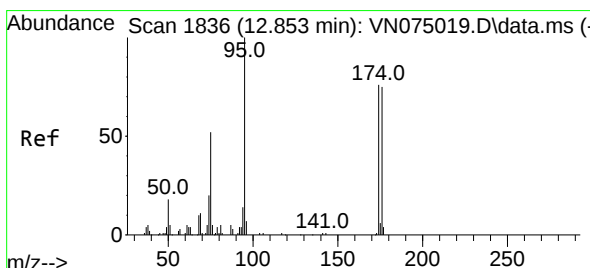
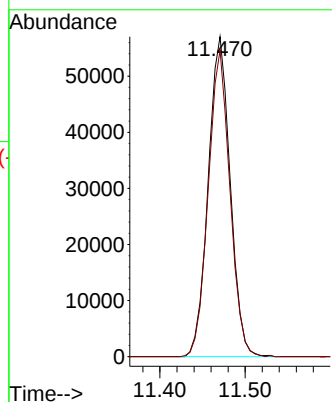
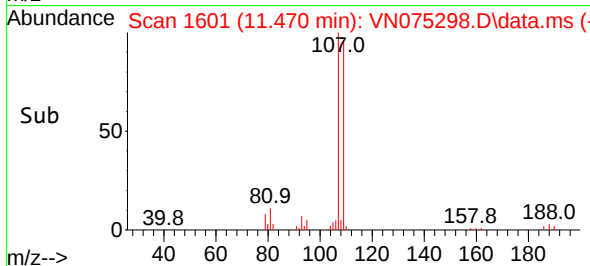
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 102140
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4

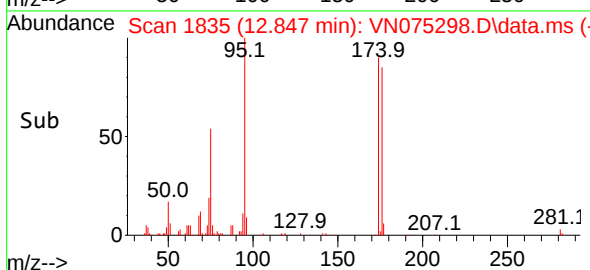
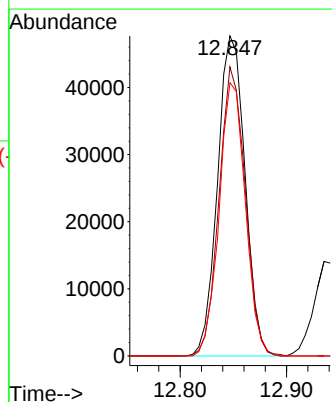
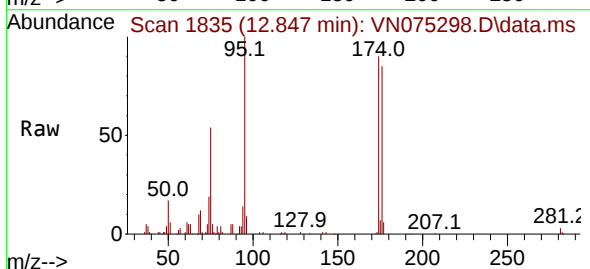
Manual Integrations
APPROVED

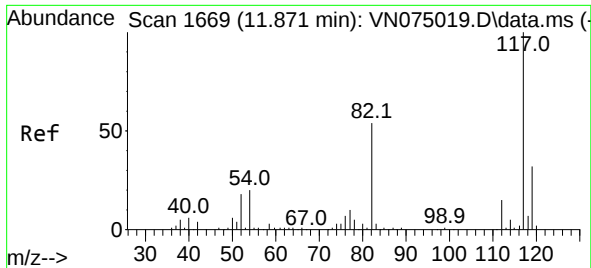
Reviewed By :John Carlone 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#62
4-Bromofluorobenzene
Concen: 48.821 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

Tgt Ion: 95 Resp: 85138
Ion Ratio Lower Upper
95 100
174 86.6 0.0 147.4
176 81.6 0.0 142.2





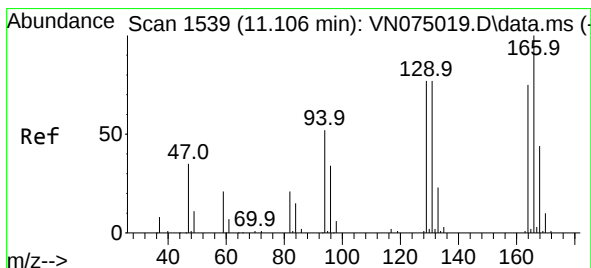
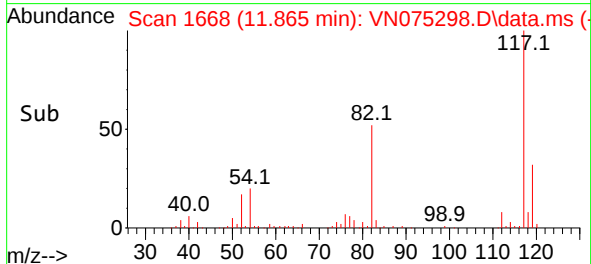
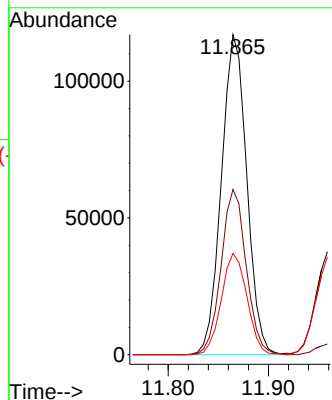
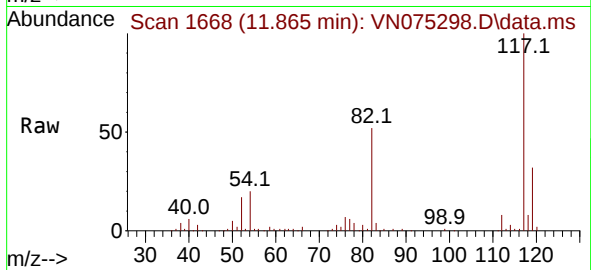
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 20513
Ion Ratio Lower Upper
117 100
82 51.6 43.1 64.7
119 31.7 25.5 38.3

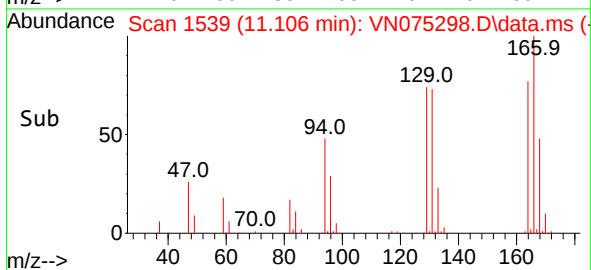
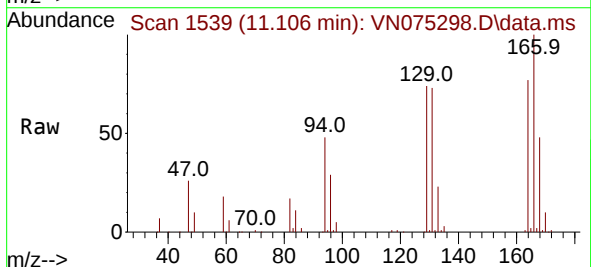
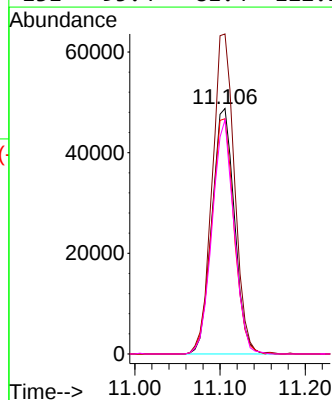
Manual Integrations
APPROVED

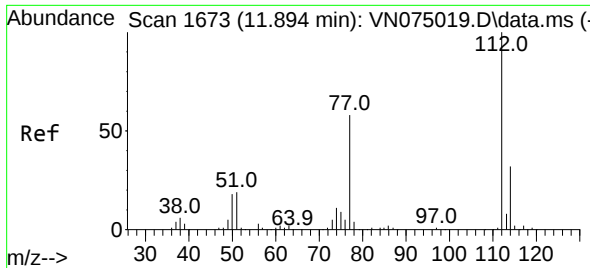
Reviewed By :John Carlone 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#64
Tetrachloroethene
Concen: 71.414 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

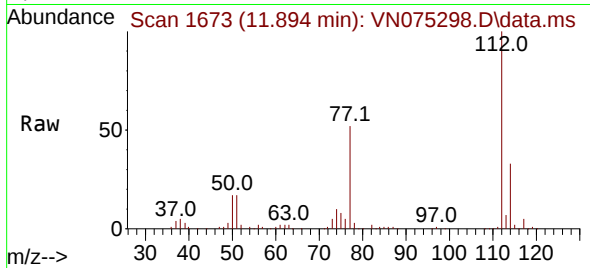
Tgt Ion:164 Resp: 89813
Ion Ratio Lower Upper
164 100
166 130.4 106.5 159.7
129 95.8 81.9 122.9
131 95.4 81.4 122.2





#65
Chlorobenzene
Concen: 60.840 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

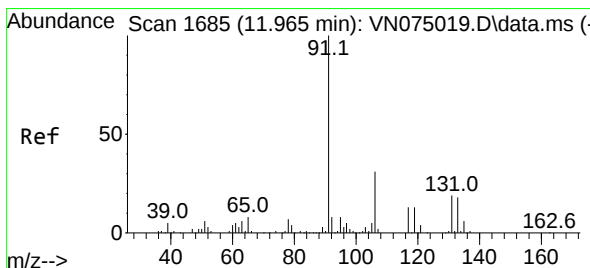
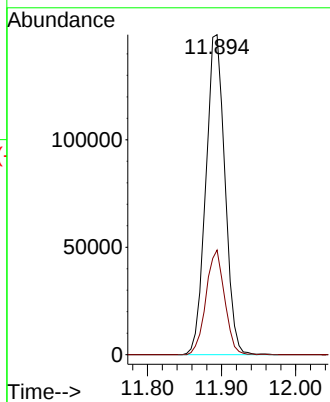
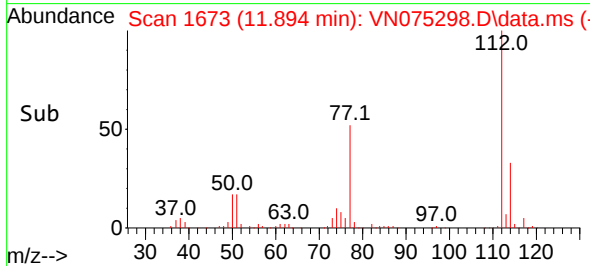
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



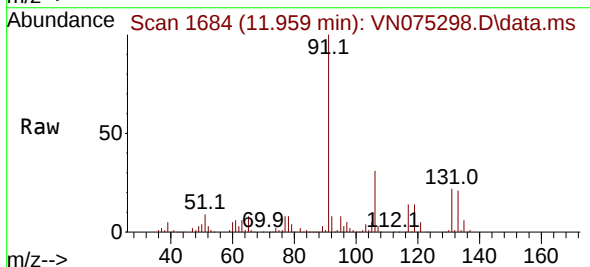
Tgt Ion:112 Resp: 266390
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.2

Manual Integrations
APPROVED

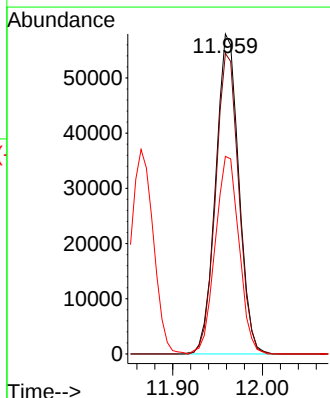
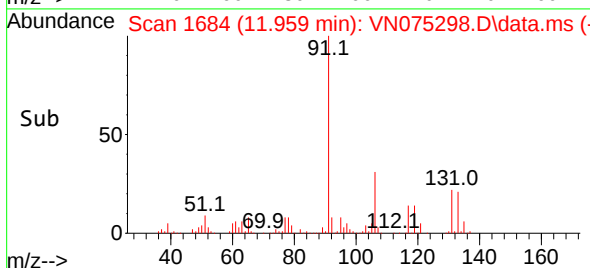
Reviewed By :John Carlone 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 63.723 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01



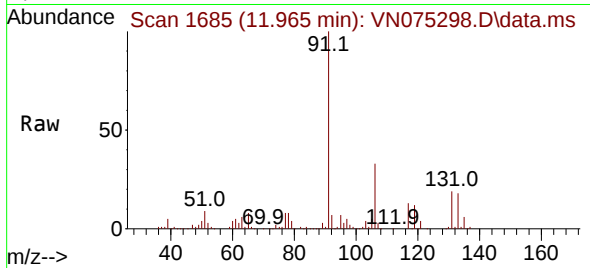
Tgt Ion:131 Resp: 103504
Ion Ratio Lower Upper
131 100
133 94.2 47.8 143.4
119 63.9 33.0 99.0





#67
Ethyl Benzene
Concen: 60.982 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

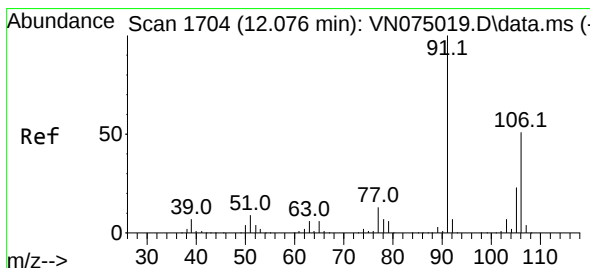
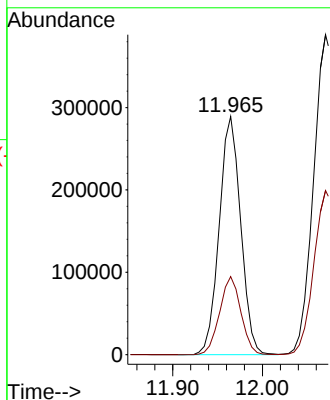
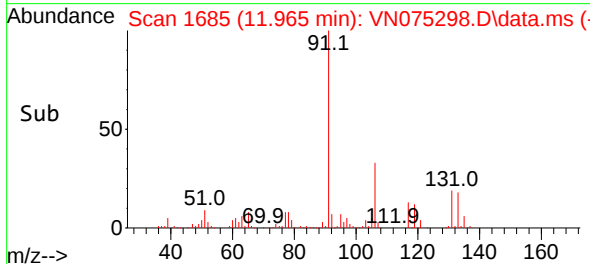
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



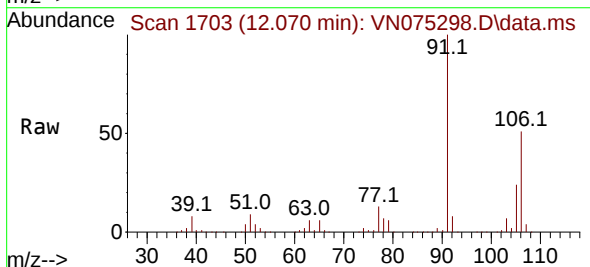
Tgt Ion: 91 Resp: 480399
Ion Ratio Lower Upper
91 100
106 32.8 24.9 37.3

Manual Integrations
APPROVED

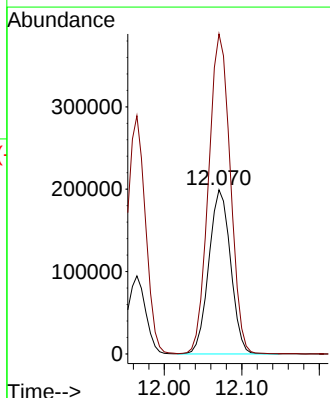
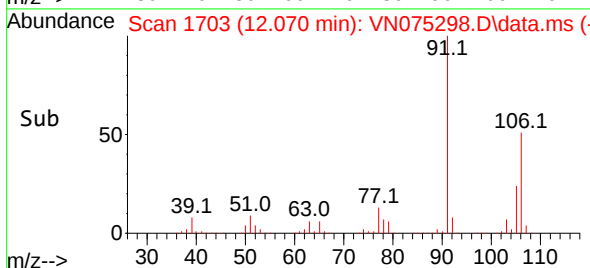
Reviewed By :John Carlone 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022

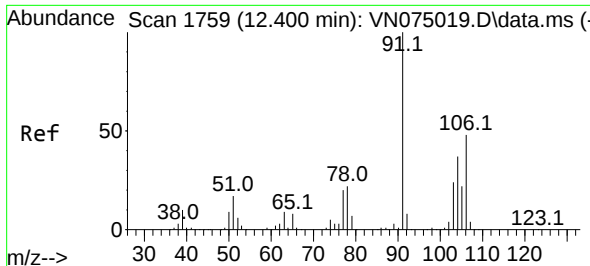


#68
m/p-Xylenes
Concen: 122.835 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01



Tgt Ion:106 Resp: 388271
Ion Ratio Lower Upper
106 100
91 195.6 156.0 234.0





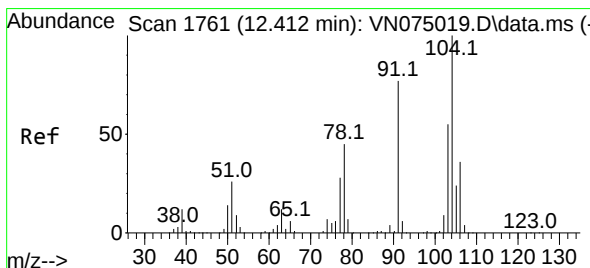
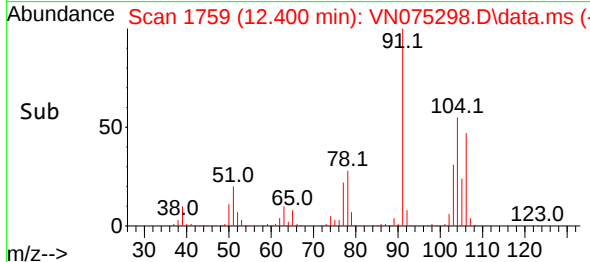
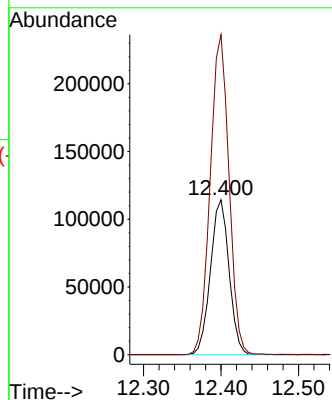
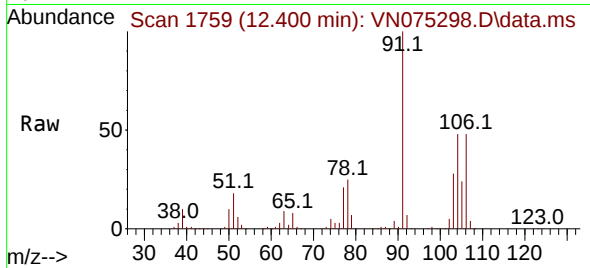
#69
o-Xylene
Concen: 61.051 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 19084
Ion Ratio Lower Upper
106 100
91 208.2 105.2 315.5

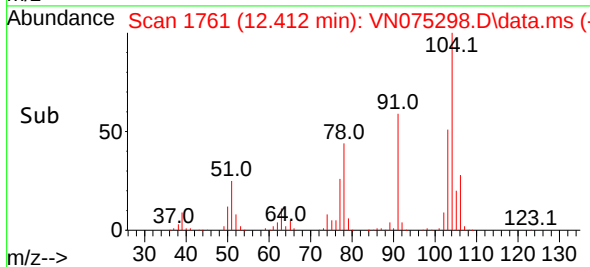
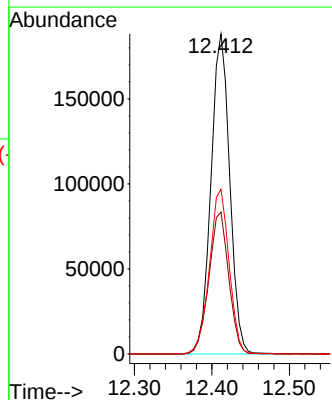
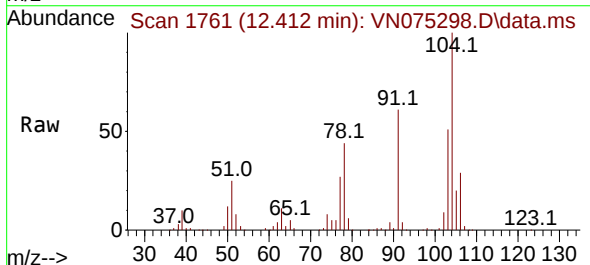
Manual Integrations
APPROVED

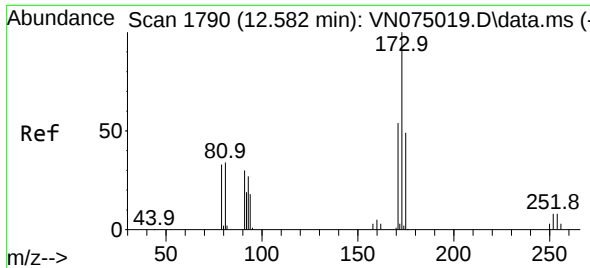
Reviewed By :John Carlone 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#70
Styrene
Concen: 63.466 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

Tgt Ion:104 Resp: 316336
Ion Ratio Lower Upper
104 100
78 47.0 38.1 57.1
103 53.8 44.6 66.8





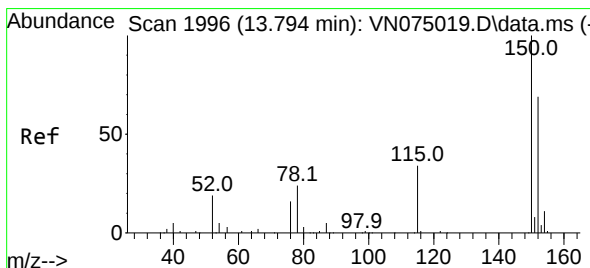
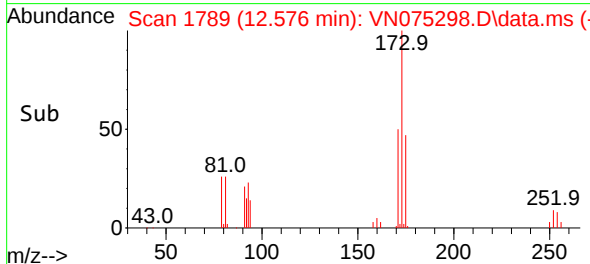
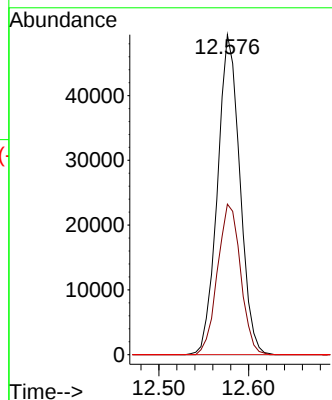
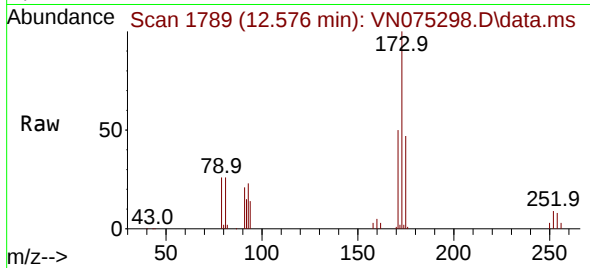
#71
Bromoform
Concen: 70.359 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 8556
Ion Ratio Lower Upper
173 100
175 48.5 24.6 74.0
254 0.0 0.0 0.0

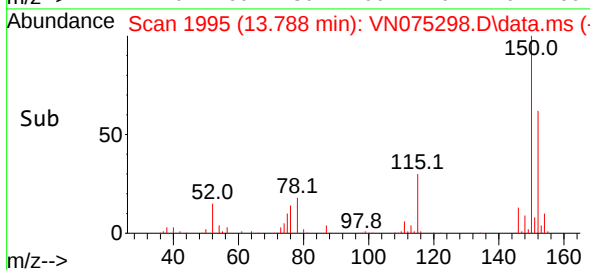
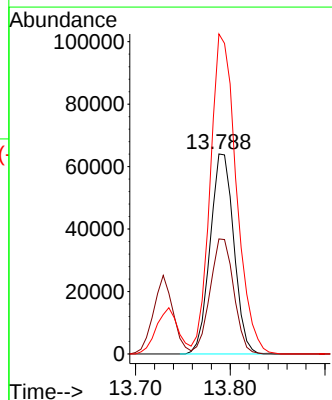
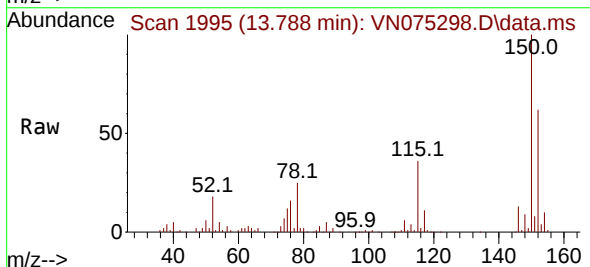
Manual Integrations
APPROVED

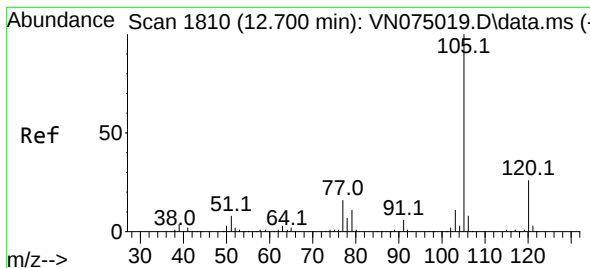
Reviewed By :John Carlone 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 1995
Delta R.T. -0.006 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

Tgt Ion:152 Resp: 111112
Ion Ratio Lower Upper
152 100
115 57.5 30.2 90.6
150 175.8 0.0 348.4





#73

Isopropylbenzene

Concen: 55.777 ug/l

RT: 12.694 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VN075298.D

Acq: 17 Nov 2022 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 49754

Ion Ratio Lower Upper

105 100

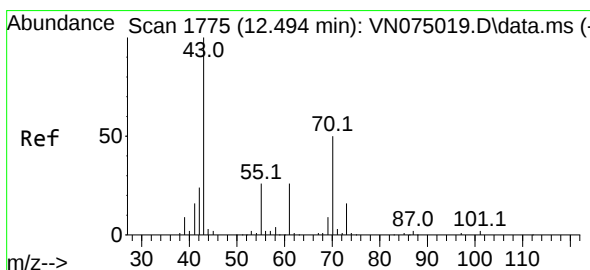
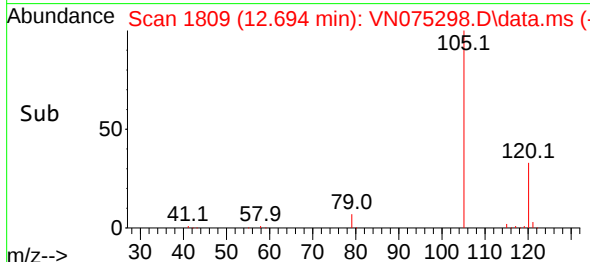
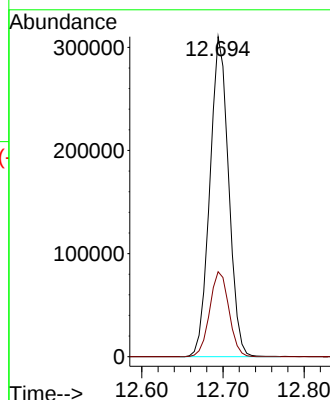
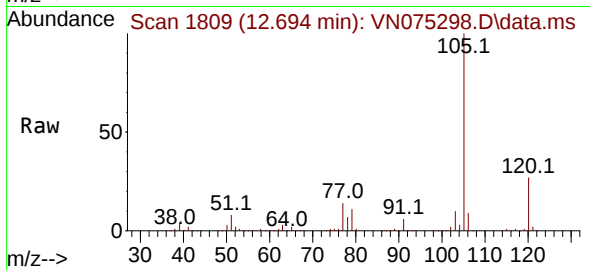
120 27.2 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#74

N-ethyl acetate

Concen: 49.648 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN075298.D

Acq: 17 Nov 2022 11:01

Tgt Ion: 43 Resp: 163796

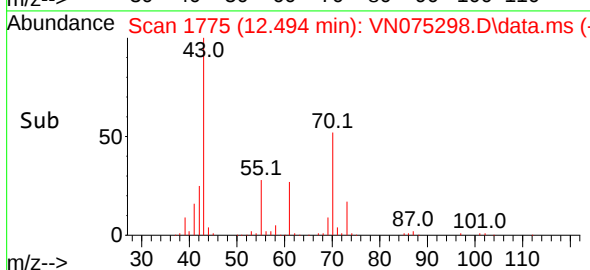
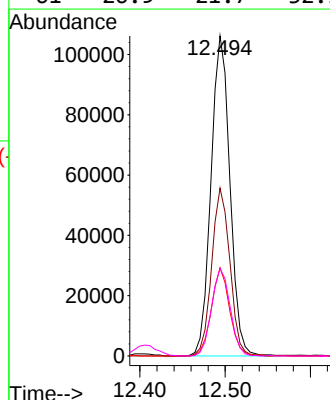
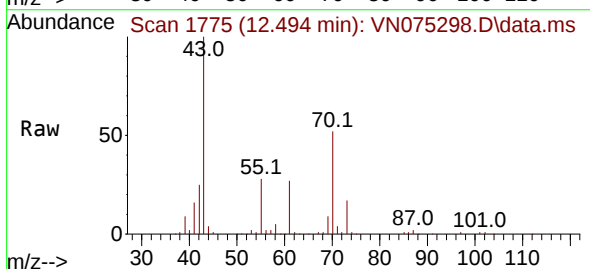
Ion Ratio Lower Upper

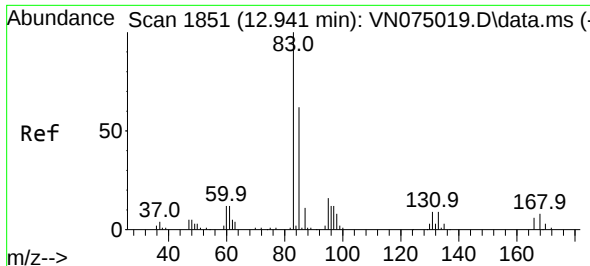
43 100

70 50.4 39.8 59.8

55 26.6 19.9 29.9

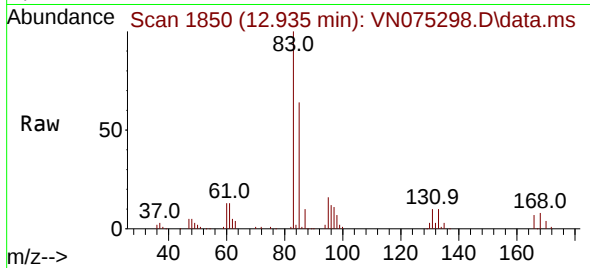
61 26.9 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 59.139 ug/l
RT: 12.935 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

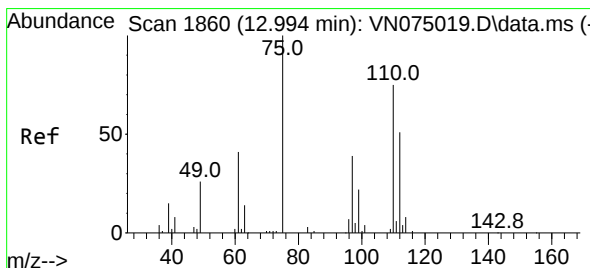
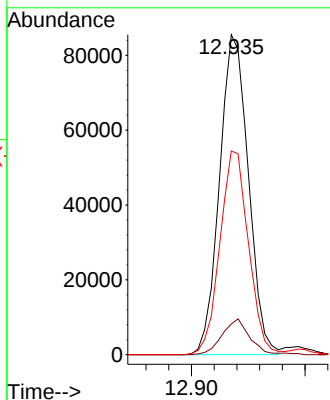
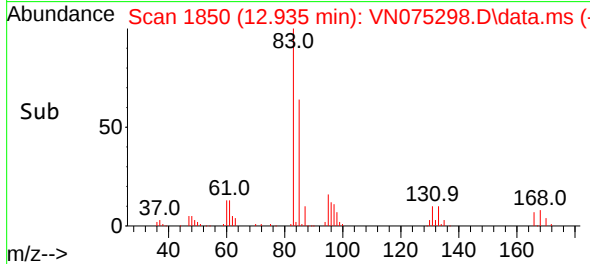
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 150700
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.3
85 63.3 31.6 94.7

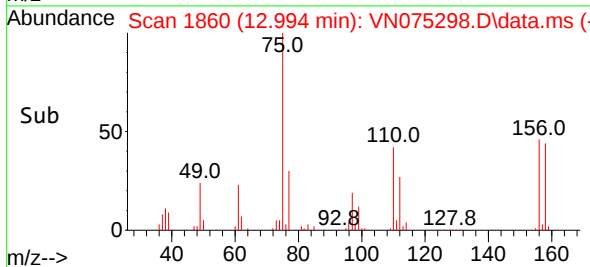
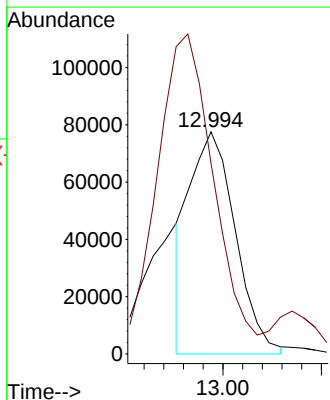
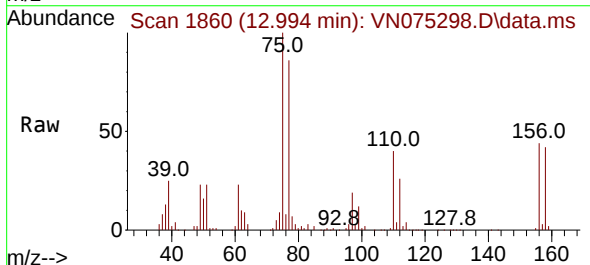
Manual Integrations
APPROVED

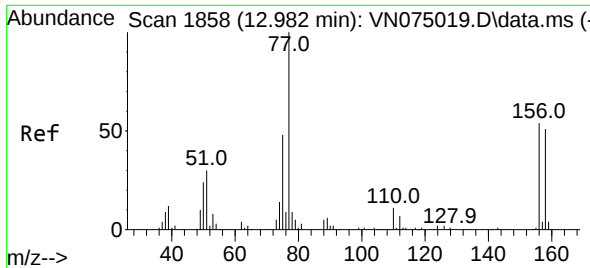
Reviewed By :John Carlone 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#76
1,2,3-Trichloropropane
Concen: 53.316 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

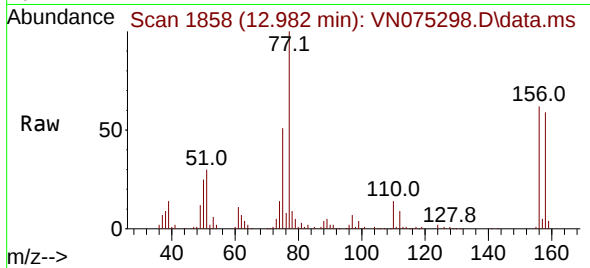
Tgt Ion: 75 Resp: 125784
Ion Ratio Lower Upper
75 100
77 178.8 75.6 226.8





#77
Bromobenzene
Concen: 61.573 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

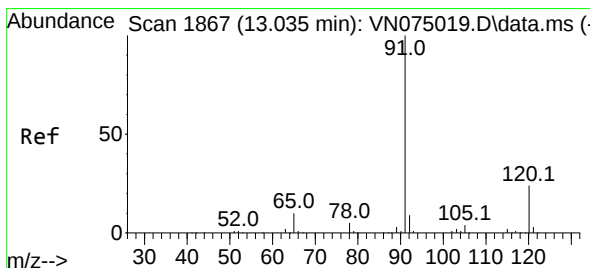
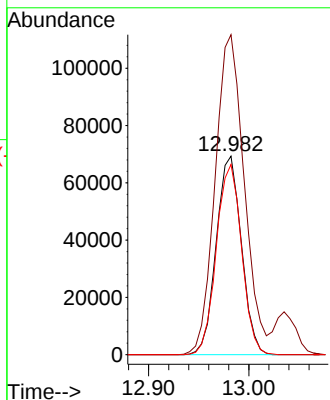
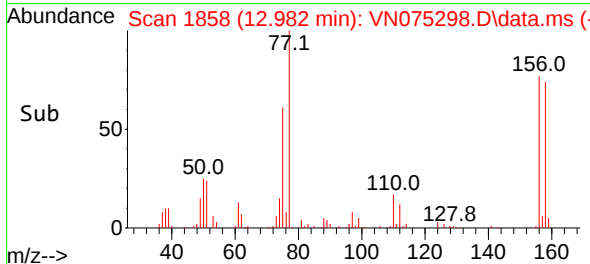
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



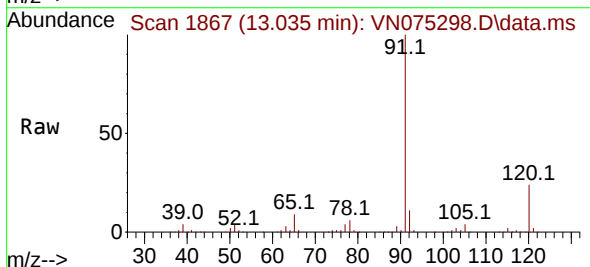
Tgt Ion:156 Resp: 120938
Ion Ratio Lower Upper
156 100
77 186.0 108.5 325.5
158 96.0 47.7 143.1

Manual Integrations
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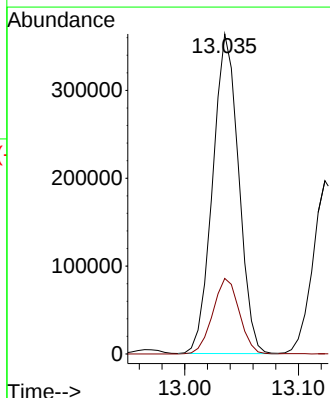
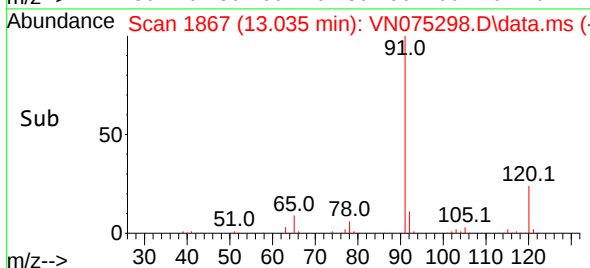
Reviewed By :John Carlone 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022

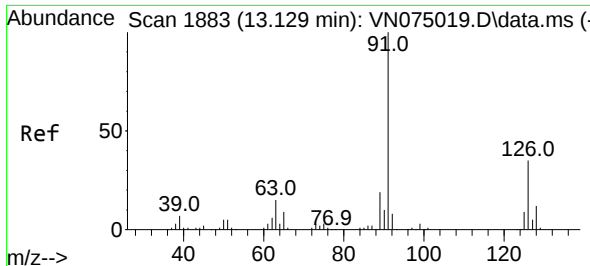


#78
n-propylbenzene
Concen: 57.801 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01



Tgt Ion: 91 Resp: 578884
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.5





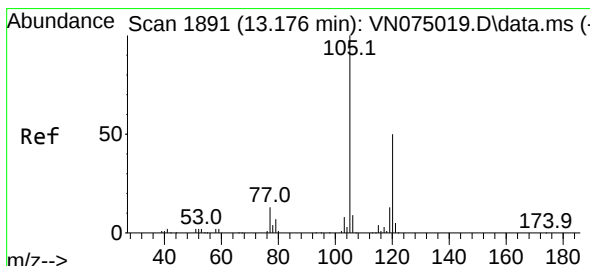
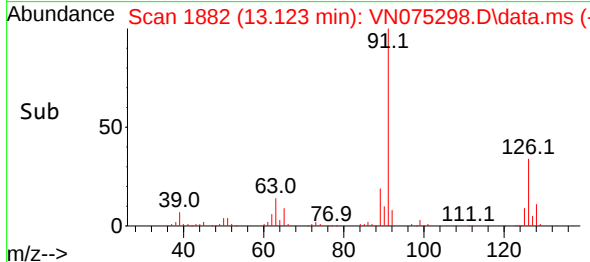
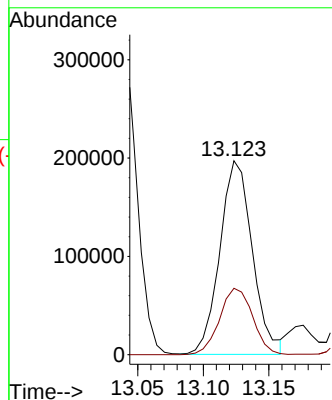
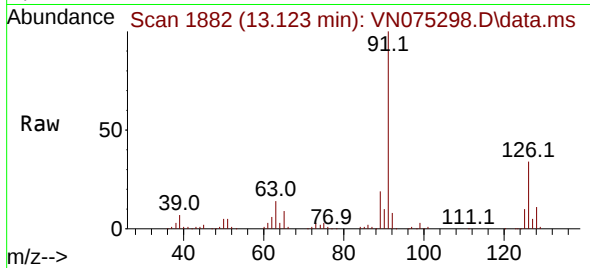
#79
2-Chlorotoluene
Concen: 55.559 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 340010
Ion Ratio Lower Upper
91 100
126 34.9 16.9 50.7

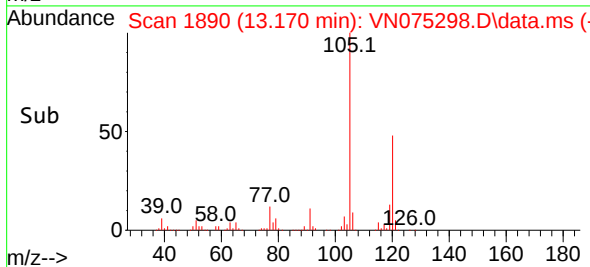
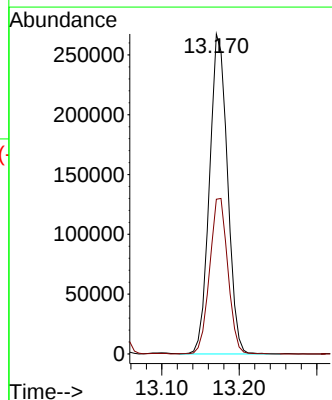
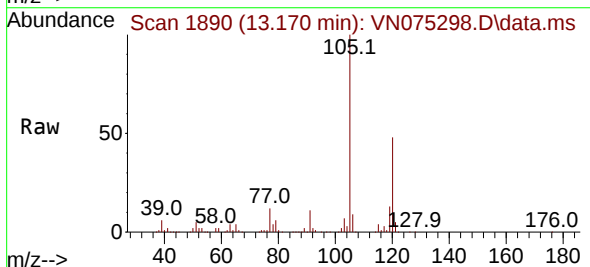
Manual Integrations
APPROVED

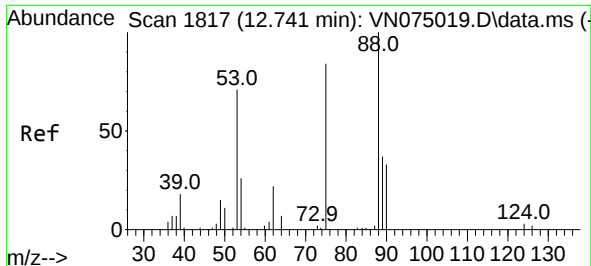
Reviewed By :John Carlone 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#80
1,3,5-Trimethylbenzene
Concen: 57.506 ug/l
RT: 13.170 min Scan# 1890
Delta R.T. -0.006 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

Tgt Ion:105 Resp: 430847
Ion Ratio Lower Upper
105 100
120 49.3 24.7 74.1





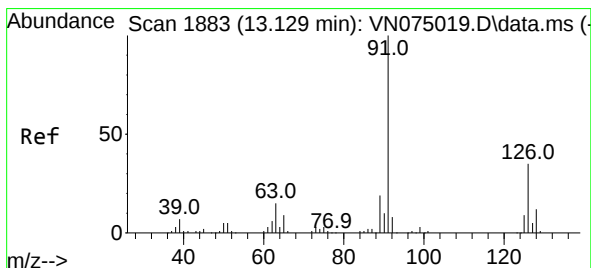
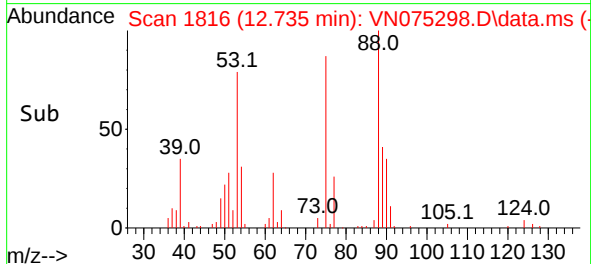
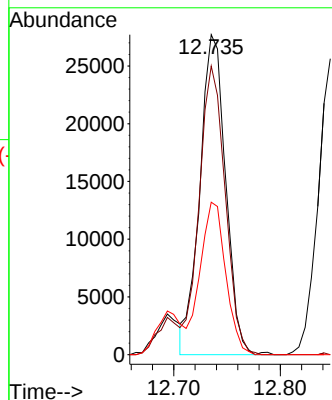
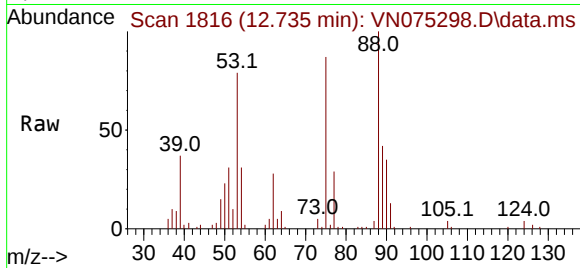
#81
trans-1,4-Dichloro-2-butene
Concen: 50.824 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 46710
Ion Ratio Lower Upper
75 100
53 90.9 78.5 117.7
89 46.9 37.7 56.5

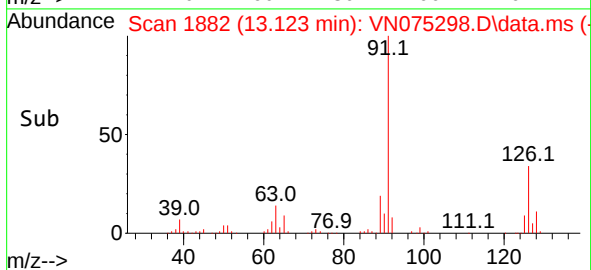
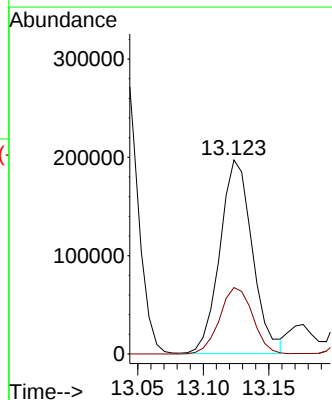
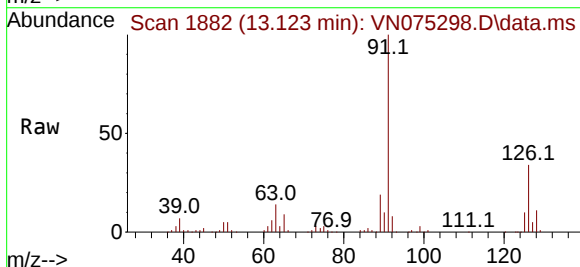
Manual Integrations
APPROVED

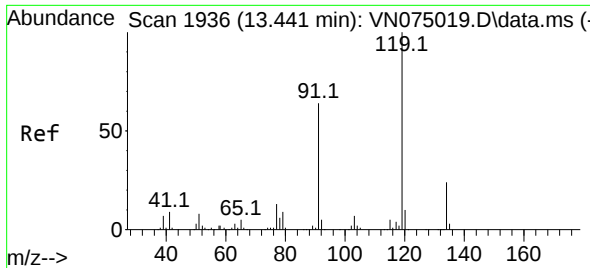
Reviewed By :John Carlone 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#82
4-Chlorotoluene
Concen: 55.559 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

Tgt Ion: 91 Resp: 340016
Ion Ratio Lower Upper
91 100
126 34.9 16.9 50.7





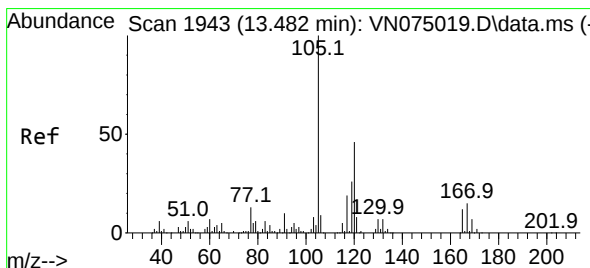
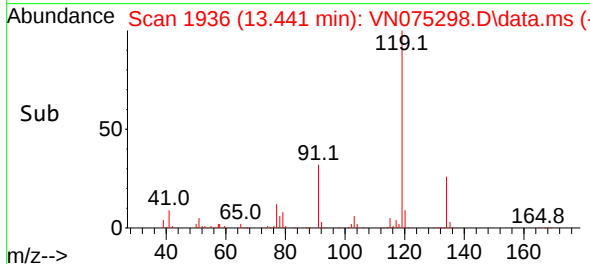
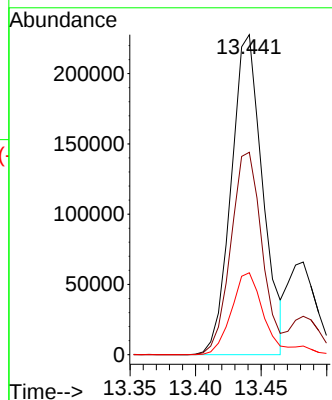
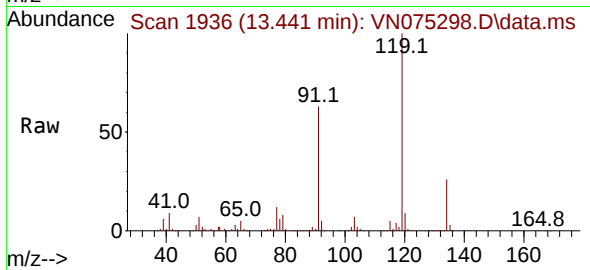
#83
tert-Butylbenzene
Concen: 57.145 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 380434
Ion Ratio Lower Upper
119 100
91 62.9 32.8 98.4
134 27.4 12.3 36.9

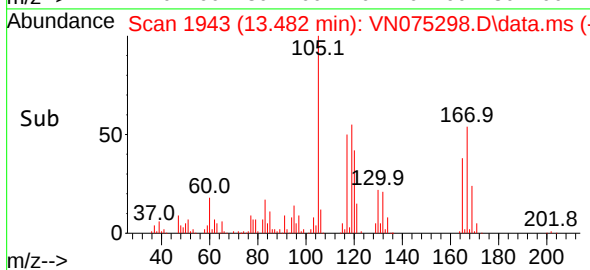
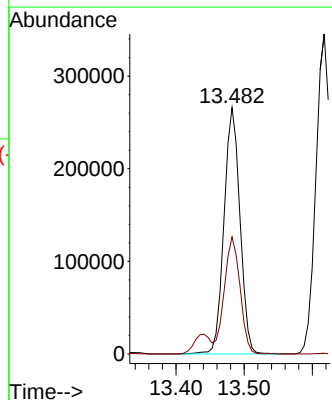
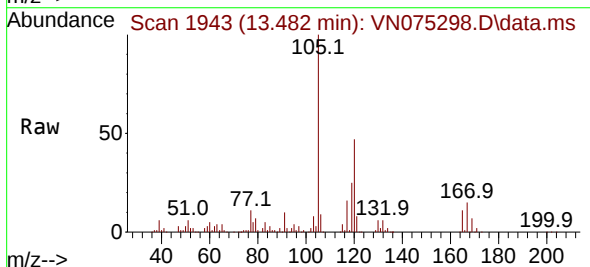
Manual Integrations
APPROVED

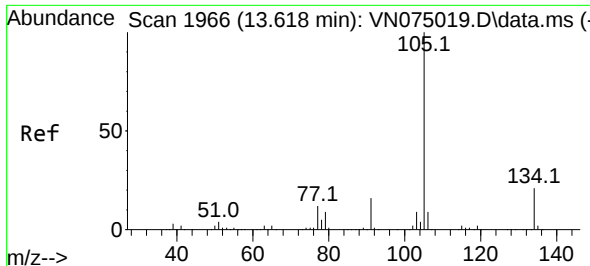
Reviewed By :John Carlone 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#84
1,2,4-Trimethylbenzene
Concen: 57.136 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

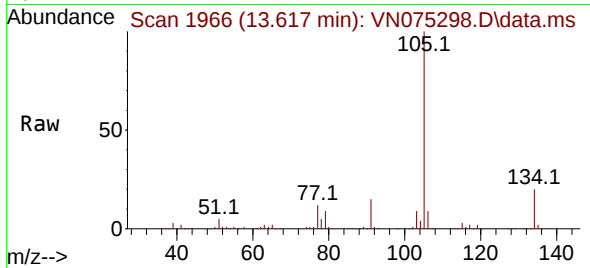
Tgt Ion:105 Resp: 433122
Ion Ratio Lower Upper
105 100
120 46.9 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 58.184 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075298.D
 Acq: 17 Nov 2022 11:01

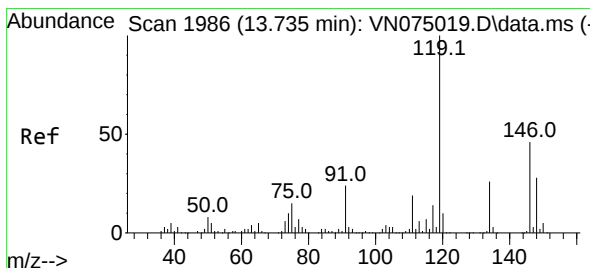
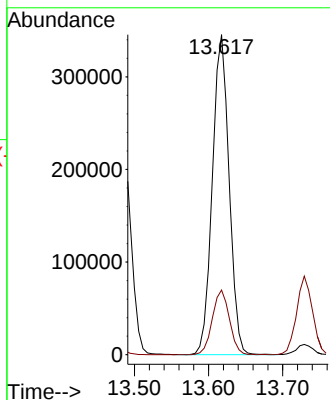
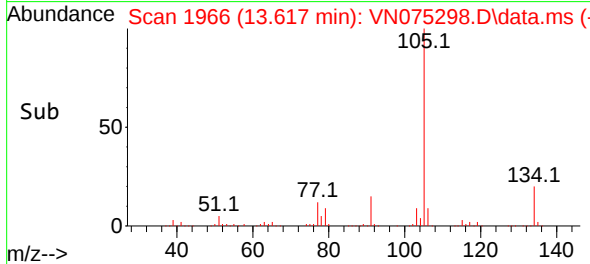
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



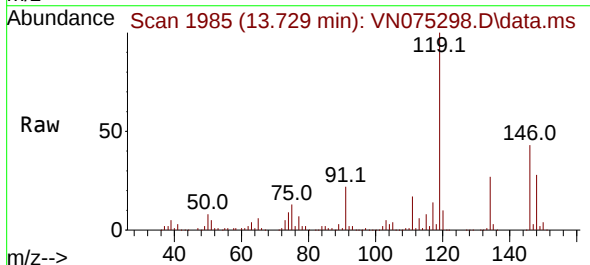
Tgt Ion:105 Resp: 541878
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6

Manual Integrations
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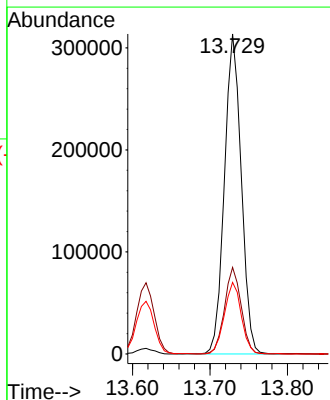
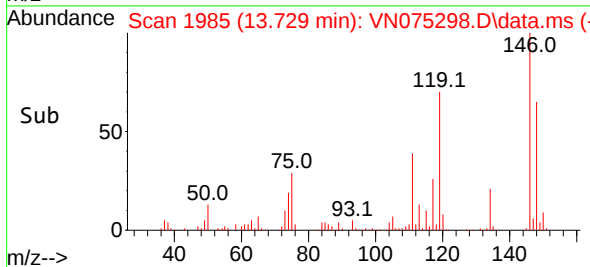
Reviewed By :John Carlone 11/18/2022
 Supervised By :Mahesh Dadoda 11/18/2022

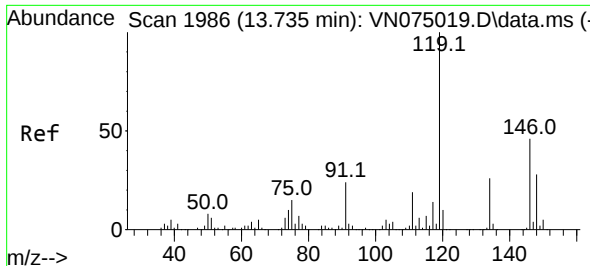


#86
 p-Isopropyltoluene
 Concen: 61.609 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075298.D
 Acq: 17 Nov 2022 11:01



Tgt Ion:119 Resp: 473862
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.1 39.3
 91 22.6 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 62.430 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075298.D

Acq: 17 Nov 2022 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

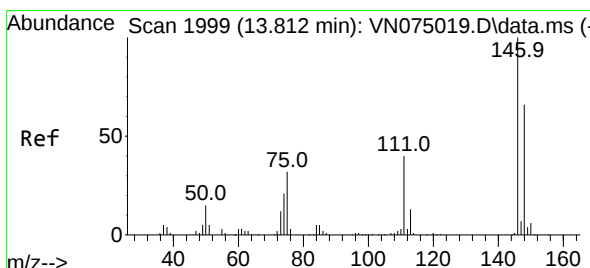
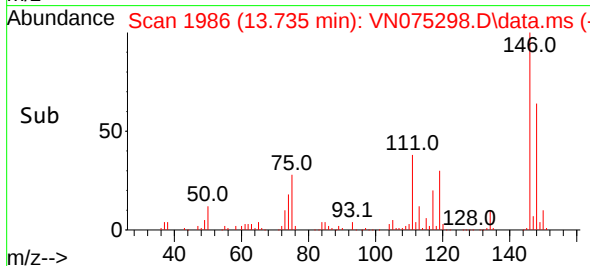
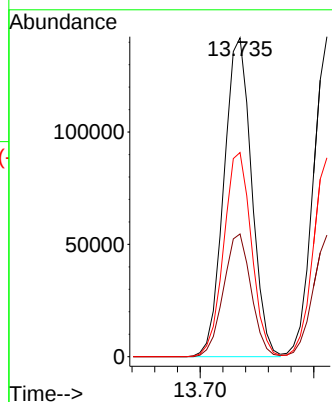
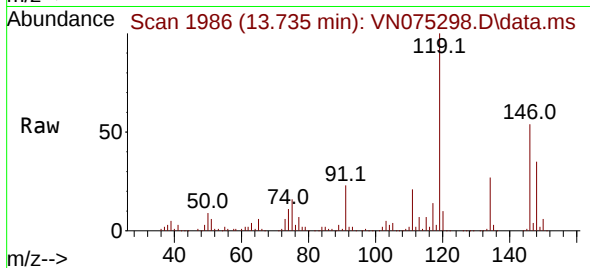
Tgt Ion:146 Resp: 240084
 Ion Ratio Lower Upper
 146 100
 111 38.4 20.8 62.5
 148 64.3 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#88

1,4-Dichlorobenzene

Concen: 61.846 ug/l

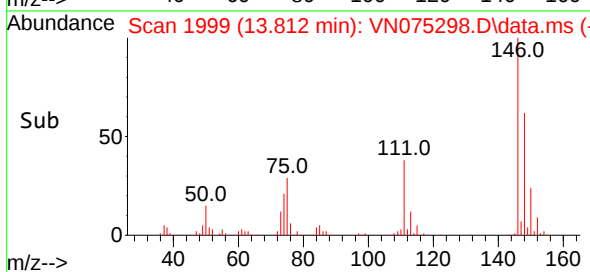
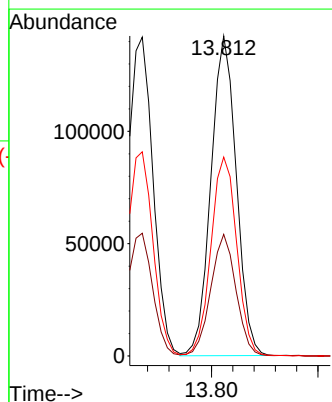
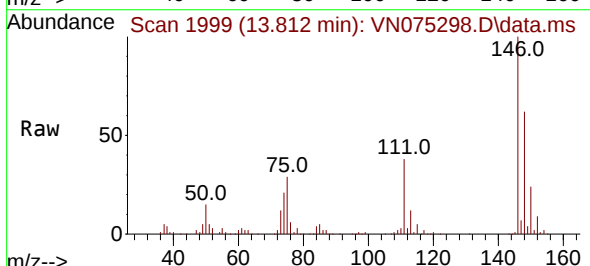
RT: 13.812 min Scan# 1999

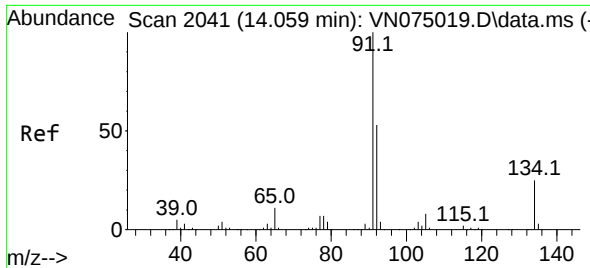
Delta R.T. -0.000 min

Lab File: VN075298.D

Acq: 17 Nov 2022 11:01

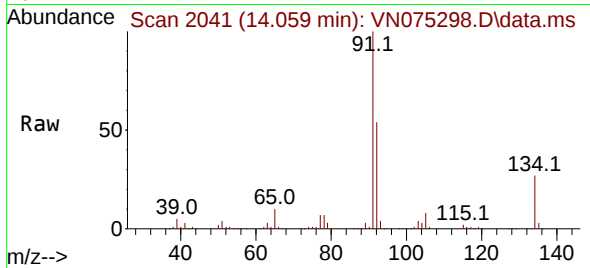
Tgt Ion:146 Resp: 235386
 Ion Ratio Lower Upper
 146 100
 111 38.0 20.1 60.3
 148 63.4 31.9 95.7





#89
n-Butylbenzene
Concen: 63.894 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

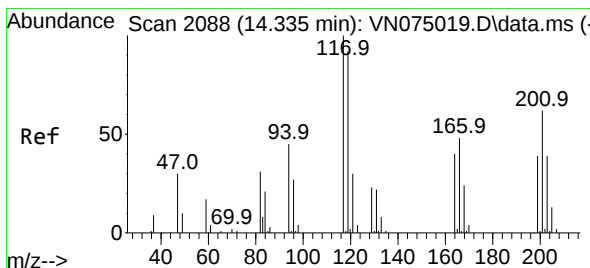
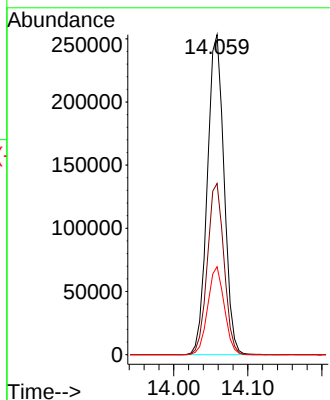
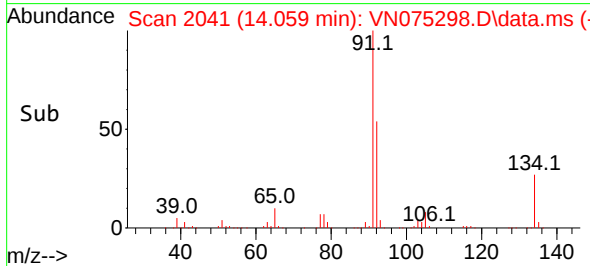
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 39574
Ion Ratio Lower Upper
91 100
92 53.3 26.5 79.4
134 27.3 13.0 39.0

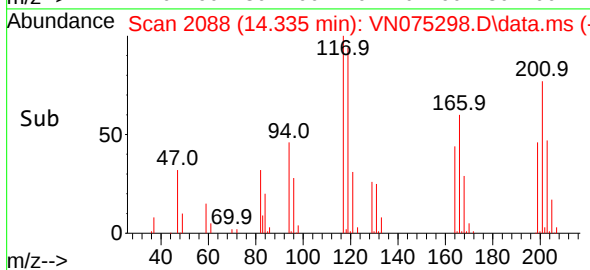
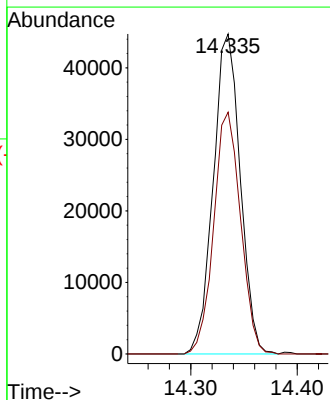
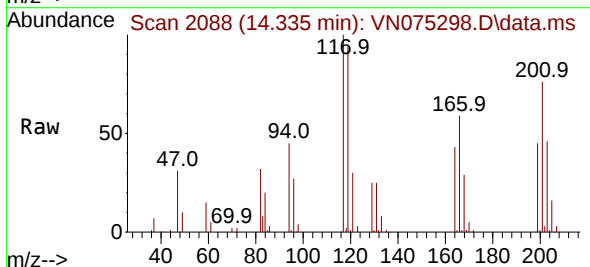
Manual Integrations
APPROVED

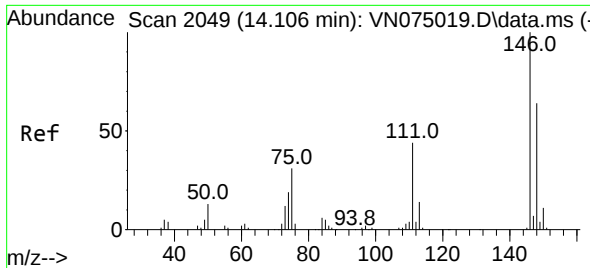
Reviewed By :John Carlone 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#90
Hexachloroethane
Concen: 55.881 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

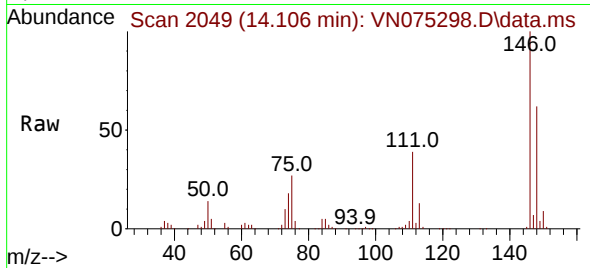
Tgt Ion:117 Resp: 78805
Ion Ratio Lower Upper
117 100
201 75.0 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 60.429 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

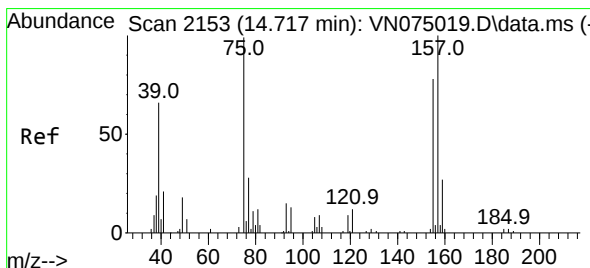
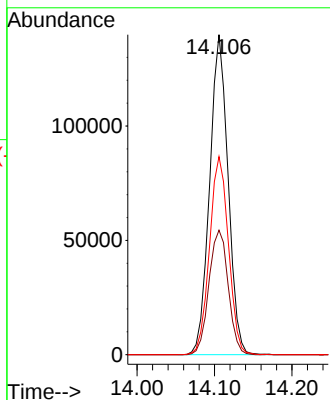
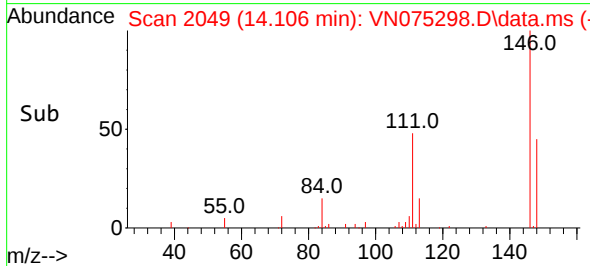
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



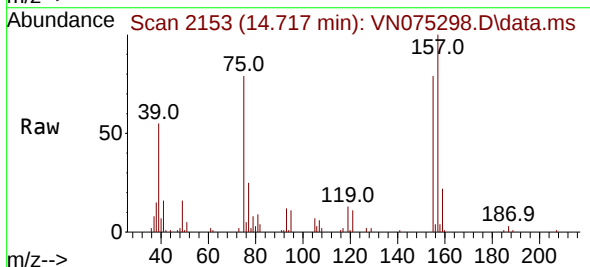
Tgt Ion:146 Resp: 23103
Ion Ratio Lower Upper
146 100
111 40.7 21.3 63.9
148 63.8 31.4 94.2

Manual Integrations
APPROVED

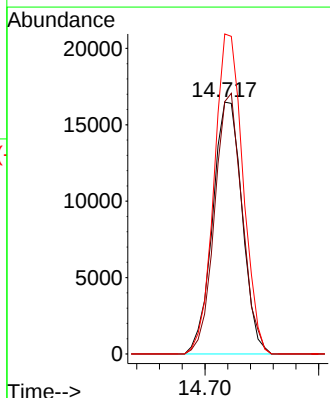
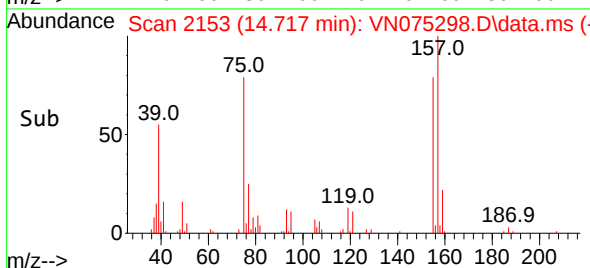
Reviewed By :John Carlone 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022

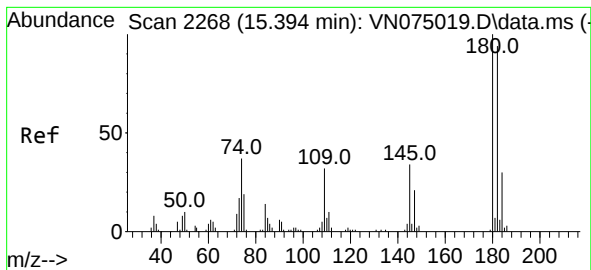


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.457 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. 0.000 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01



Tgt Ion: 75 Resp: 29758
Ion Ratio Lower Upper
75 100
155 96.6 42.1 126.3
157 124.0 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 77.809 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075298.D

Acq: 17 Nov 2022 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 128009

Ion Ratio Lower Upper

180 100

182 94.3 47.8 143.4

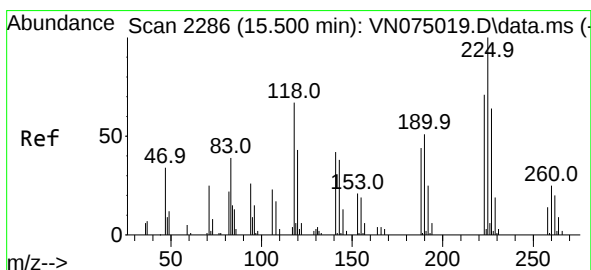
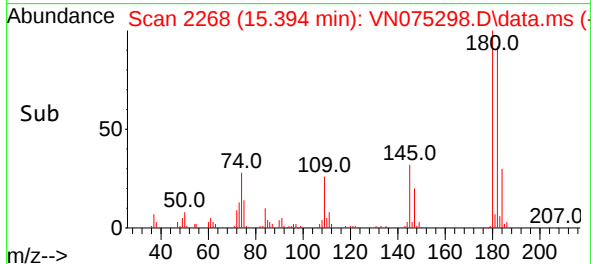
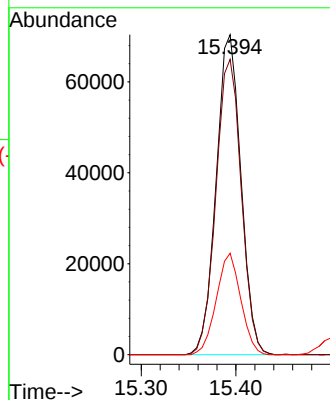
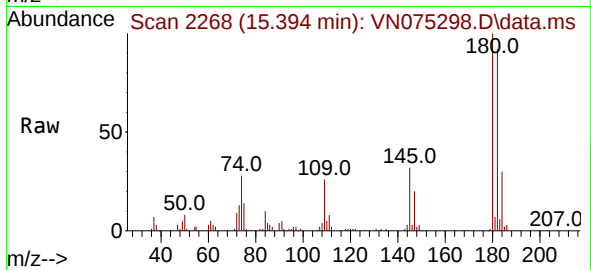
145 31.2 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2022

Supervised By :Mahesh Dadoda 11/18/2022



#94

Hexachlorobutadiene

Concen: 78.658 ug/l

RT: 15.500 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN075298.D

Acq: 17 Nov 2022 11:01

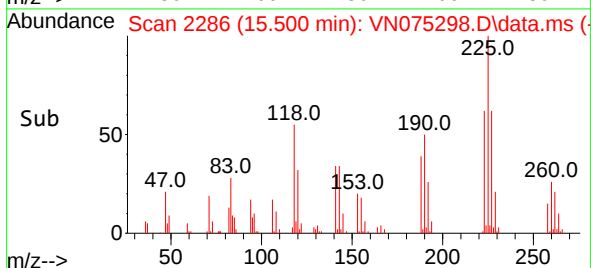
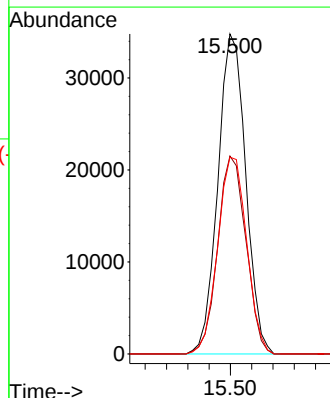
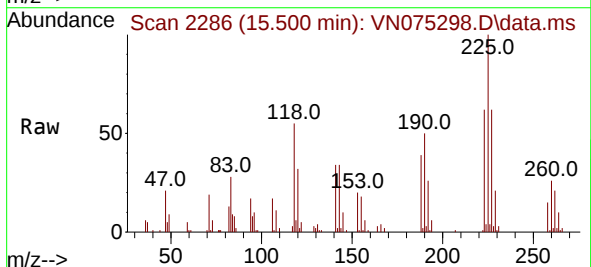
Tgt Ion:225 Resp: 63086

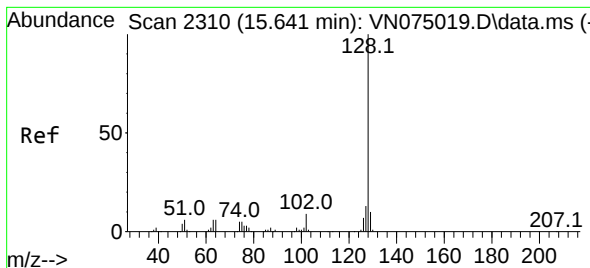
Ion Ratio Lower Upper

225 100

223 62.8 32.3 96.9

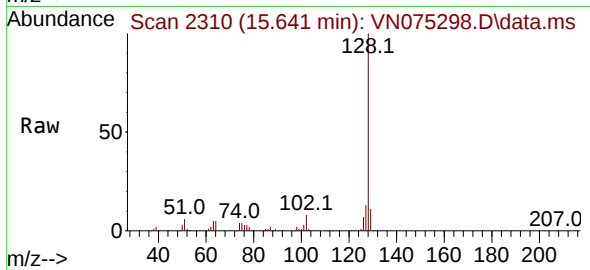
227 64.1 32.0 96.2





#95
Naphthalene
Concen: 63.760 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01

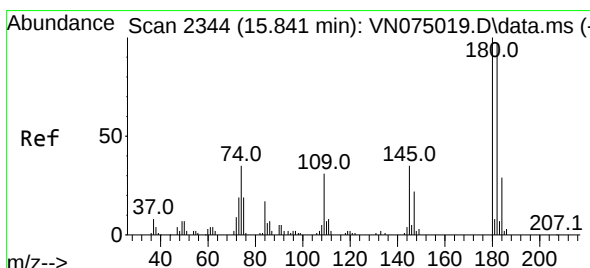
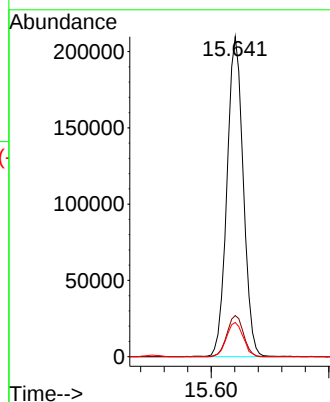
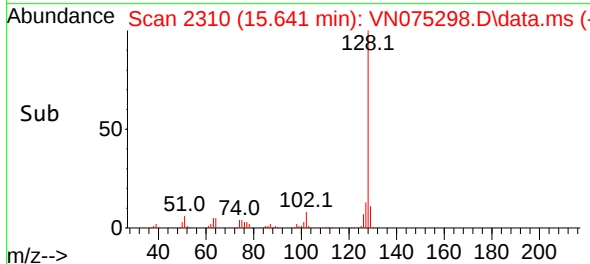
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



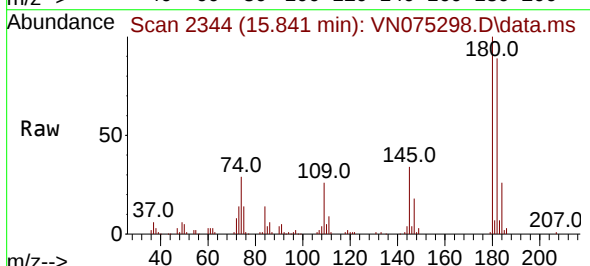
Tgt Ion:128 Resp: 40338
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2022
Supervised By :Mahesh Dadoda 11/18/2022



#96
1,2,3-Trichlorobenzene
Concen: 74.879 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075298.D
Acq: 17 Nov 2022 11:01



Tgt Ion:180 Resp: 122401
Ion Ratio Lower Upper
180 100
182 93.5 47.3 141.8
145 33.8 17.6 52.9

