

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112122\
 Data File : VN075339.D
 Acq On : 21 Nov 2022 12:17
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Nov 22 04:48:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 04:47:05 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/22/2022
 Supervised By : Mahesh Dadoda 11/23/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	155450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	259851	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	235263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	16629	8.759	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	17.520%#		
35) Dibromofluoromethane	8.171	113	20100	13.803	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	27.600%#		
50) Toluene-d8	10.565	98	46104	8.616	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	17.240%#		
62) 4-Bromofluorobenzene	12.847	95	33145	16.373	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	32.740%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	23825	12.608	ug/l	98
3) Chloromethane	2.371	50	28216	13.872	ug/l	99
4) Vinyl Chloride	2.524	62	36294	12.689	ug/l	89
5) Bromomethane	2.924	94	32873	13.720	ug/l	89
6) Chloroethane	3.112	64	26989	13.055	ug/l	90
7) Trichlorofluoromethane	3.495	101	50827	16.655	ug/l	95
8) Diethyl Ether	3.971	74	19020	17.047	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.383	101	29798	17.629	ug/l	96
10) Methyl Iodide	4.594	142	45612	17.796	ug/l	97
11) Tert butyl alcohol	5.536	59	32291	69.052	ug/l #	84
12) 1,1-Dichloroethene	4.347	96	28454	17.595	ug/l	99
13) Acrolein	4.194	56	29273	76.103	ug/l	95
14) Allyl chloride	5.030	41	33787	14.766	ug/l	93
15) Acrylonitrile	5.730	53	78233	78.483	ug/l	98
16) Acetone	4.436	43	74476	85.589	ug/l	95
17) Carbon Disulfide	4.724	76	72951	17.908	ug/l	99
18) Methyl Acetate	5.036	43	41396	14.979	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	97934	16.485	ug/l	95
20) Methylene Chloride	5.283	84	32371	16.752	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	31426	17.679	ug/l	95
22) Diisopropyl ether	6.683	45	82738	16.091	ug/l	92
23) Vinyl Acetate	6.612	43	338786m	79.297	ug/l	
24) 1,1-Dichloroethane	6.577	63	54147	16.560	ug/l	96
25) 2-Butanone	7.488	43	105914	78.780	ug/l	100
26) 2,2-Dichloropropane	7.494	77	47762	15.894	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	37134	17.524	ug/l	94
28) Bromochloromethane	7.818	49	21752	15.990	ug/l	87
29) Tetrahydrofuran	7.847	42	65901	76.372	ug/l	99
30) Chloroform	7.965	83	59465	16.757	ug/l	95
31) Cyclohexane	8.259	56	50016	16.535	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	55003	17.024	ug/l	97
36) 1,1-Dichloropropene	8.377	75	42580	18.151	ug/l	96
37) Ethyl Acetate	7.565	43	38116	15.023	ug/l	98
38) Carbon Tetrachloride	8.359	117	49443	19.131	ug/l	99
39) Methylcyclohexane	9.600	83	54305	17.645	ug/l	97
40) Benzene	8.612	78	130332	18.151	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	21218	17.619	ug/l	98
42) 1,2-Dichloroethane	8.677	62	44359	17.215	ug/l	95
43) Isopropyl Acetate	8.688	43	63113	16.157	ug/l	96
44) Trichloroethene	9.359	130	36213	19.766	ug/l	91
45) 1,2-Dichloropropane	9.624	63	30630	17.986	ug/l	91
46) Dibromomethane	9.712	93	24096	18.125	ug/l	93
47) Bromodichloromethane	9.888	83	46478	18.056	ug/l #	97
48) Methyl methacrylate	9.682	41	29849	16.549	ug/l	97
49) 1,4-Dioxane	9.700	88	17062	354.580	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	204303	81.130	ug/l	97
52) Toluene	10.629	92	86268	18.126	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	47376	17.557	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	50689	17.645	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	34537	18.288	ug/l	96
56) Ethyl methacrylate	10.871	69	47928	16.753	ug/l	98
57) 1,3-Dichloropropane	11.165	76	56720	18.020	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	94711	86.644	ug/l	96
59) 2-Hexanone	11.194	43	153363	80.182	ug/l	97
60) Dibromochloromethane	11.359	129	37391	18.565	ug/l	97
61) 1,2-Dibromoethane	11.470	107	34924	17.969	ug/l	98
64) Tetrachloroethene	11.106	164	33521	22.378	ug/l	90
65) Chlorobenzene	11.894	112	94797	18.890	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	34842	18.687	ug/l	98
67) Ethyl Benzene	11.965	91	163260	18.215	ug/l	96
68) m/p-Xylenes	12.070	106	132482	37.023	ug/l	99
69) o-Xylene	12.400	106	65321	18.432	ug/l	97
70) Styrene	12.412	104	104336	18.403	ug/l	99
71) Bromoform	12.576	173	26896	19.042	ug/l #	97
73) Isopropylbenzene	12.694	105	166302	17.538	ug/l	97
74) N-amyl acetate	12.494	43	53271	15.419	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	52383	17.362	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	44307m	17.952	ug/l	
77) Bromobenzene	12.982	156	41167	19.335	ug/l	87
78) n-propylbenzene	13.035	91	189671	17.789	ug/l	100
79) 2-Chlorotoluene	13.123	91	112210	17.310	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	142306	17.872	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	14954	15.555	ug/l	93
82) 4-Chlorotoluene	13.123	91	112210	17.310	ug/l	98
83) tert-Butylbenzene	13.441	119	125156	17.635	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	140369	17.447	ug/l	99
85) sec-Butylbenzene	13.617	105	176713	17.835	ug/l	99
86) p-Isopropyltoluene	13.729	119	151388	18.462	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	77829	18.819	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	78022	19.049	ug/l	99
89) n-Butylbenzene	14.059	91	123400	18.625	ug/l	98
90) Hexachloroethane	14.329	117	25058	16.736	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	76976	18.694	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10143	16.073	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	37575	20.410	ug/l	96
94) Hexachlorobutadiene	15.500	225	19629	21.424	ug/l	97
95) Naphthalene	15.641	128	124400	18.307	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	36696	20.192	ug/l	99

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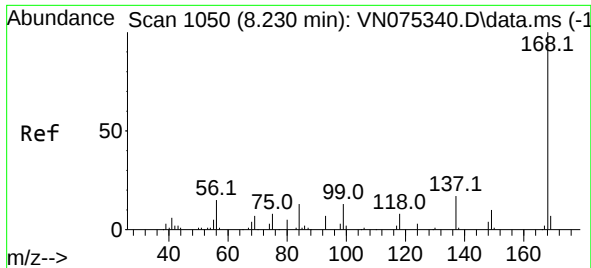
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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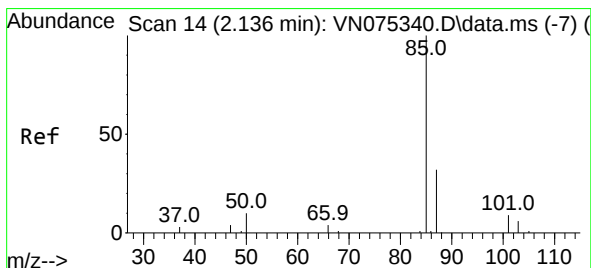
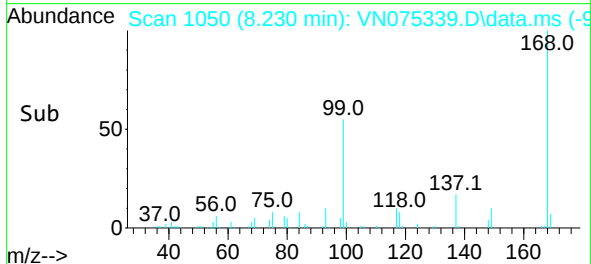
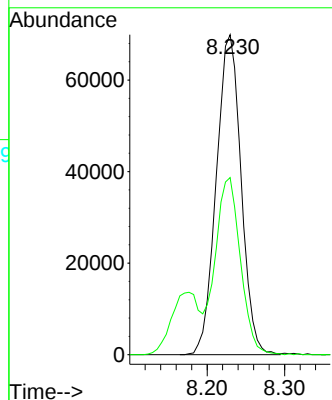
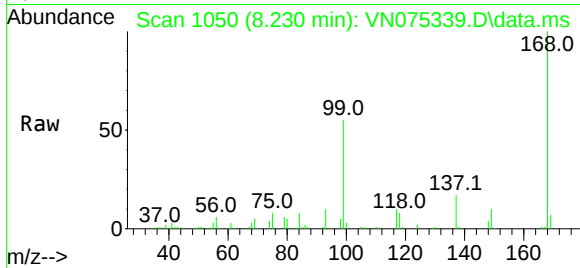
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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Tgt Ion:168 Resp: 155450
Ion Ratio Lower Upper
168 100
99 55.1 51.6 77.4

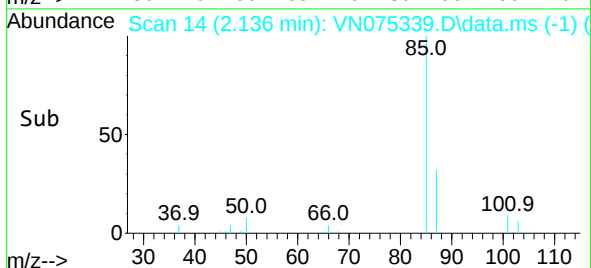
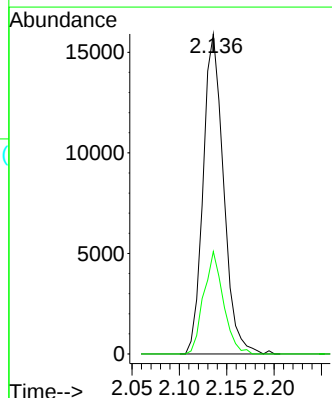
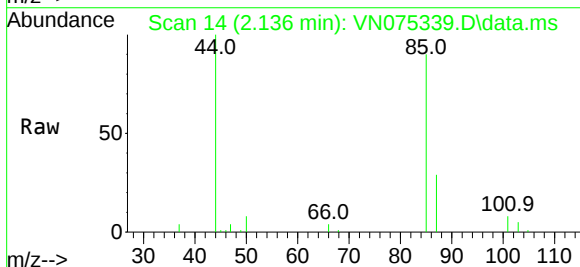
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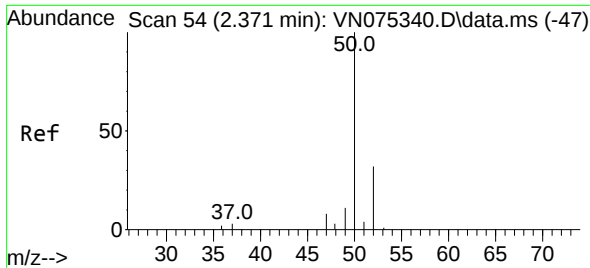
Reviewed By :John Carlone 11/22/2022
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#2
Dichlorodifluoromethane
Concen: 12.608 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

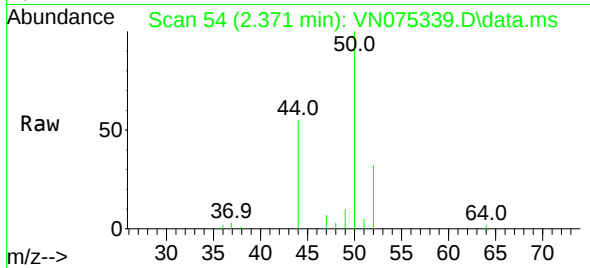
Tgt Ion: 85 Resp: 23825
Ion Ratio Lower Upper
85 100
87 32.0 16.7 50.0





#3
Chloromethane
Concen: 13.872 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

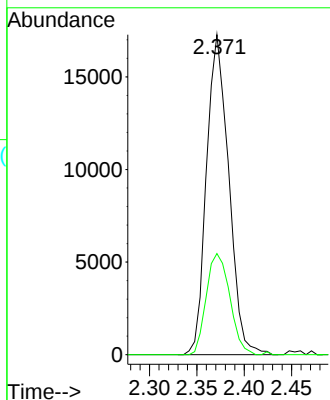
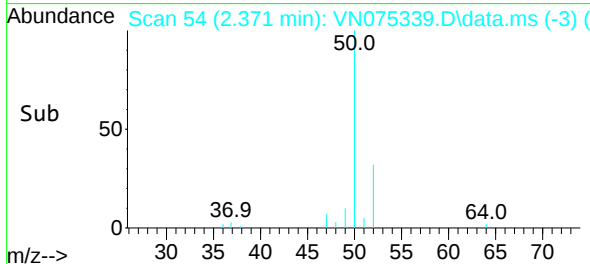
Instrument :
MSVOA_N
ClientSampleId :
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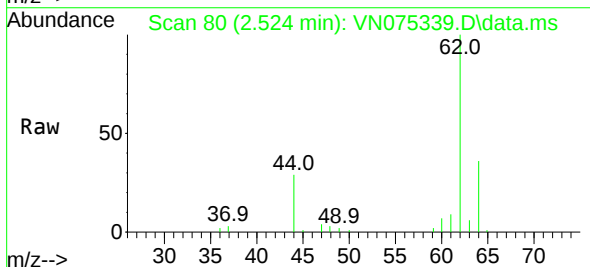
Tgt Ion: 50 Resp: 28210
Ion Ratio Lower Upper
50 100
52 31.6 25.8 38.6

Manual Integrations
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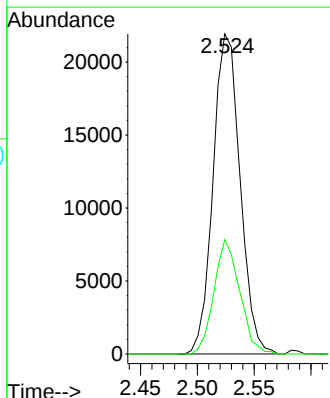
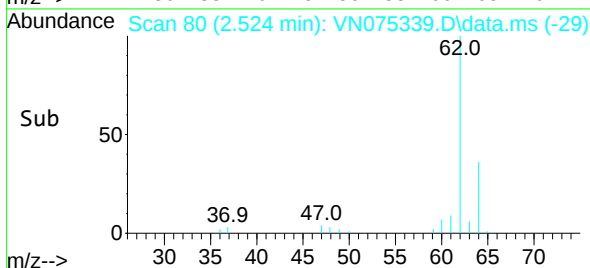
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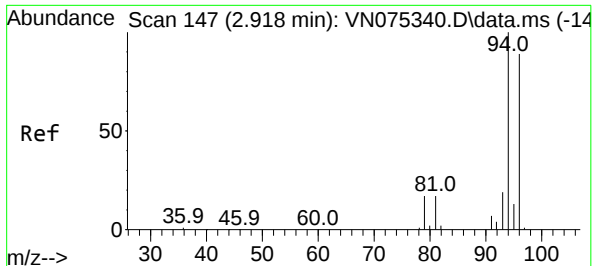


#4
Vinyl Chloride
Concen: 12.689 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17



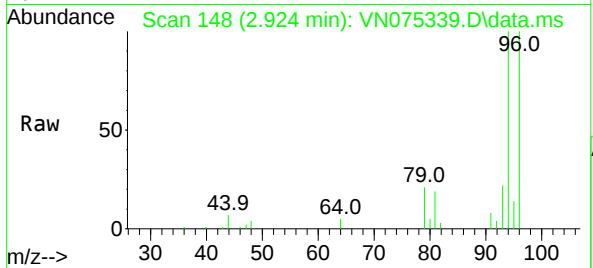
Tgt Ion: 62 Resp: 36294
Ion Ratio Lower Upper
62 100
64 35.7 24.0 36.0





#5
Bromomethane
Concen: 13.720 ug/l
RT: 2.924 min Scan# 147
Delta R.T. 0.006 min
Lab File: VN075339.D
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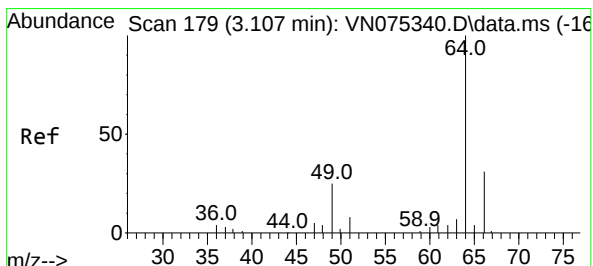
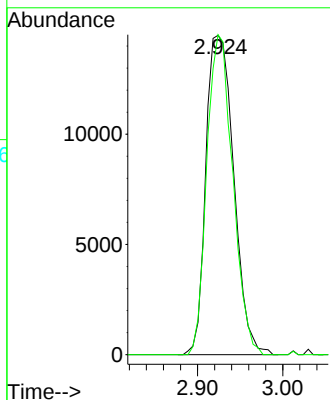
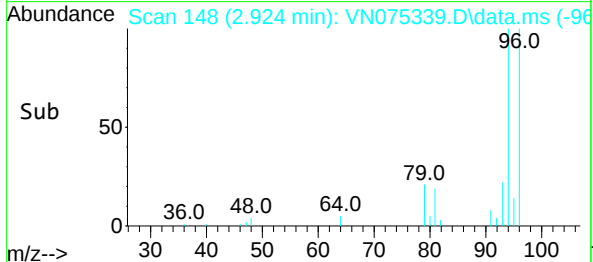
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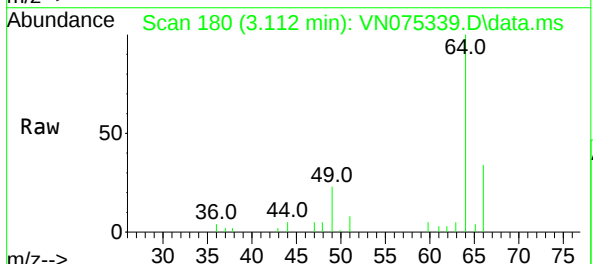
Tgt Ion: 94 Resp: 3287
Ion Ratio Lower Upper
94 100
96 100.2 71.8 107.6

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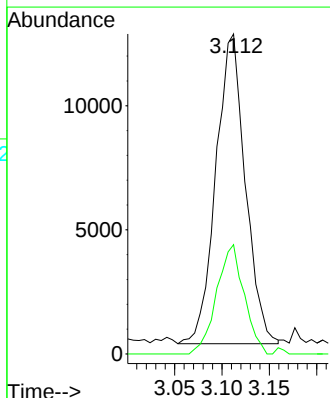
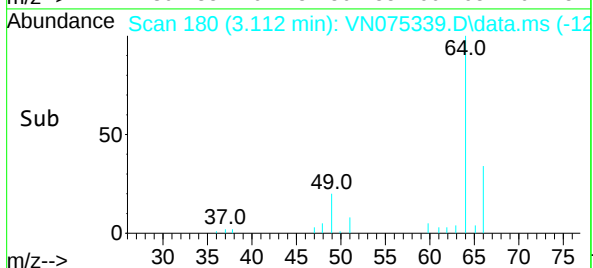
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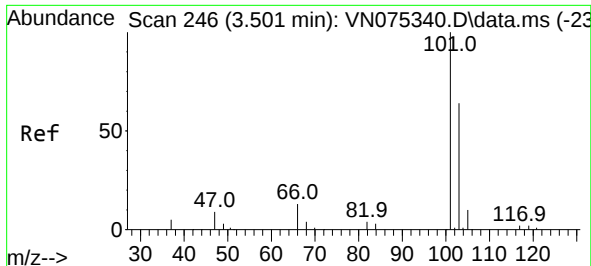


#6
Chloroethane
Concen: 13.055 ug/l
RT: 3.112 min Scan# 180
Delta R.T. 0.006 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17



Tgt Ion: 64 Resp: 26989
Ion Ratio Lower Upper
64 100
66 35.3 23.8 35.8





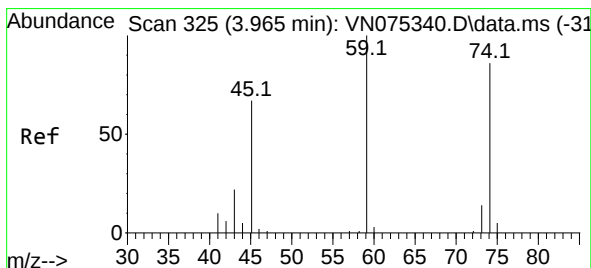
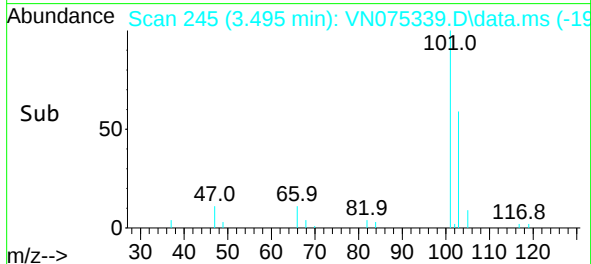
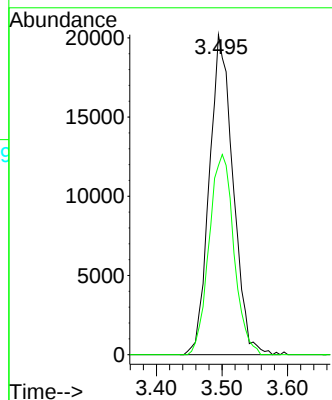
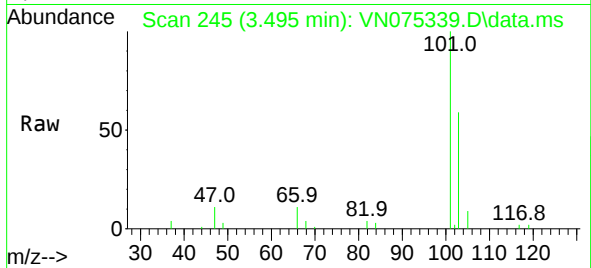
#7
 Trichlorofluoromethane
 Concen: 16.655 ug/l
 RT: 3.495 min Scan# 246
 Delta R.T. -0.006 min
 Lab File: VN075339.D
 Acq: 21 Nov 2022 12:17

Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 5082
 Ion Ratio Lower Upper
 101 100
 103 59.1 50.5 75.7

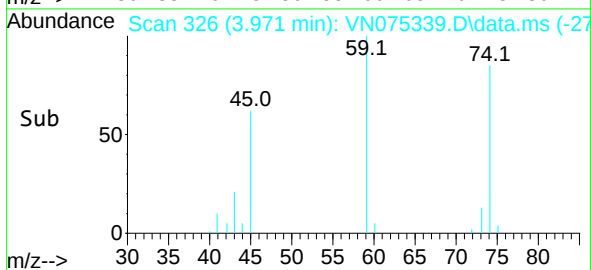
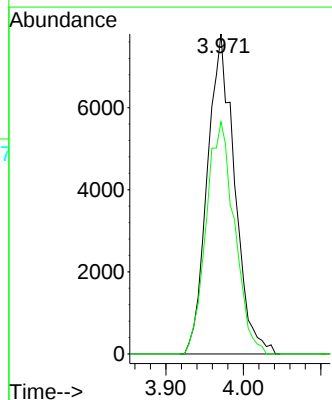
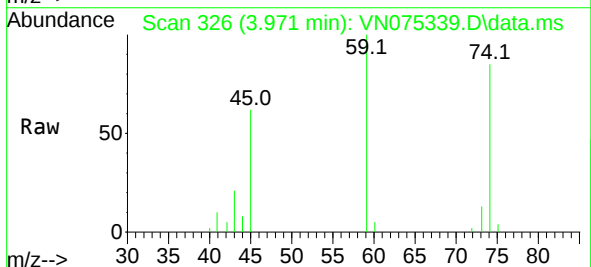
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#8
 Diethyl Ether
 Concen: 17.047 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.006 min
 Lab File: VN075339.D
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Tgt Ion: 74 Resp: 19020
 Ion Ratio Lower Upper
 74 100
 45 75.5 39.3 117.9





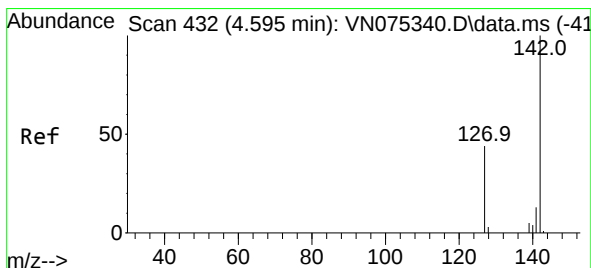
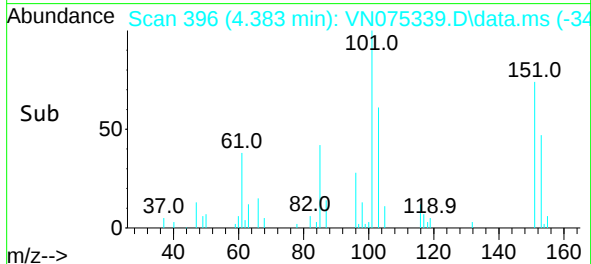
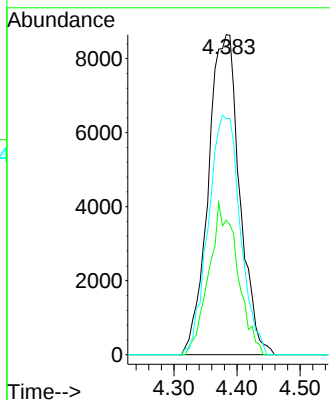
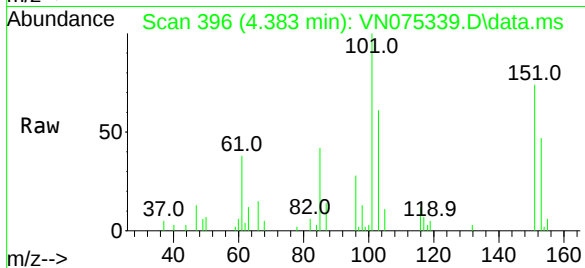
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.629 ug/l
RT: 4.383 min Scan# 395
Delta R.T. 0.006 min
Lab File: VN075339.D
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Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 29798
Ion Ratio Lower Upper
101 100
85 43.5 37.6 56.4
151 76.2 58.3 87.5

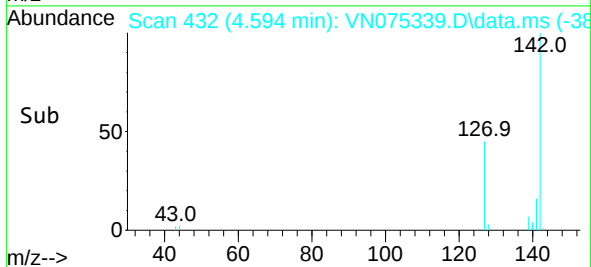
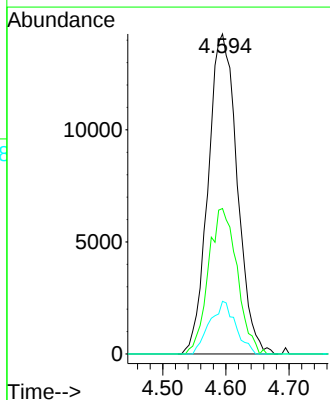
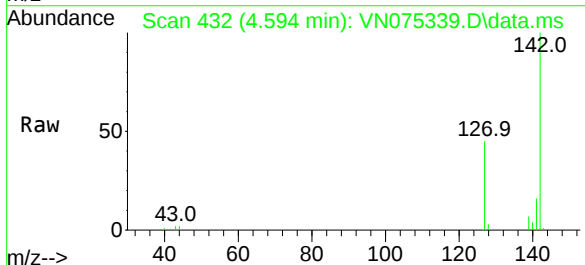
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#10
Methyl Iodide
Concen: 17.796 ug/l
RT: 4.594 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

Tgt Ion:142 Resp: 45612
Ion Ratio Lower Upper
142 100
127 44.9 38.0 57.0
141 14.6 12.2 18.4





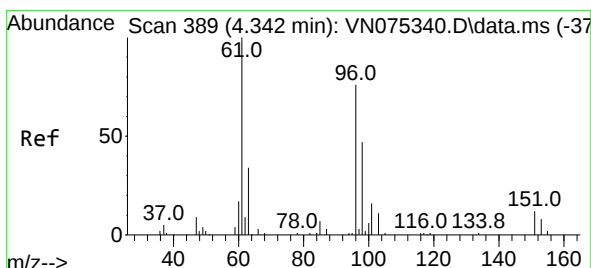
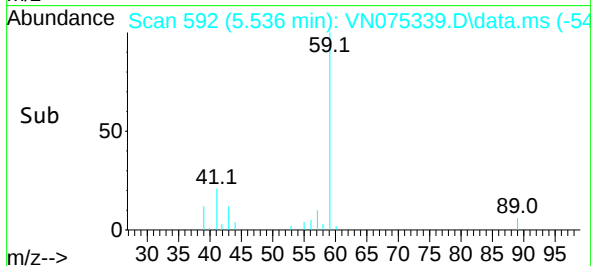
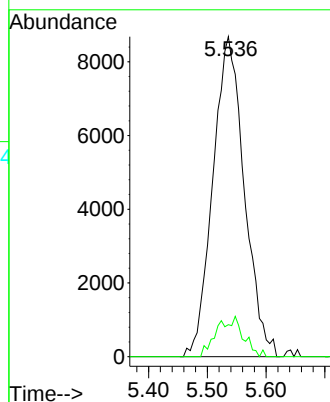
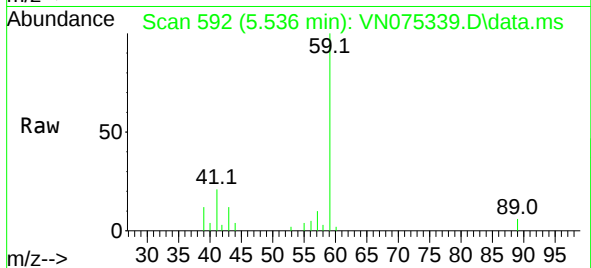
#11
Tert butyl alcohol
Concen: 69.052 ug/l
RT: 5.536 min Scan# 59
Delta R.T. -0.006 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 3229
Ion Ratio Lower Upper
59 100
57 4.5 8.5 12.7

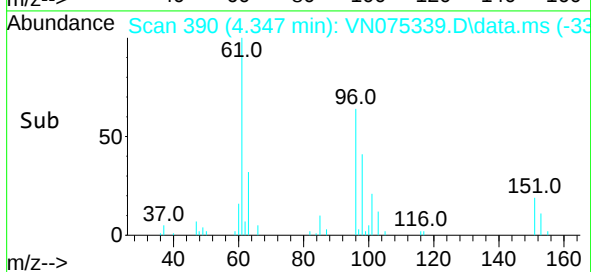
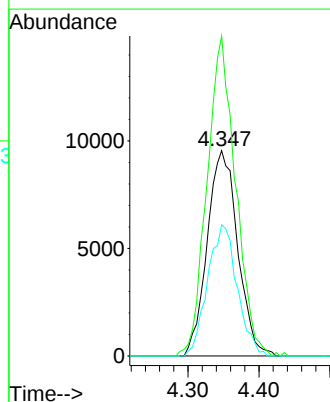
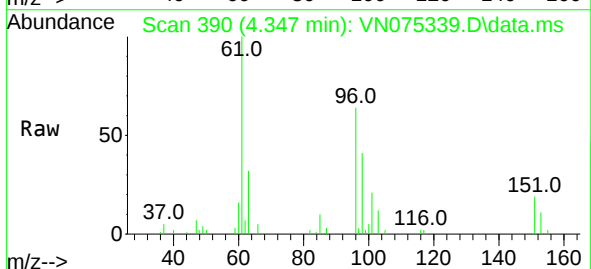
Manual Integrations
APPROVED

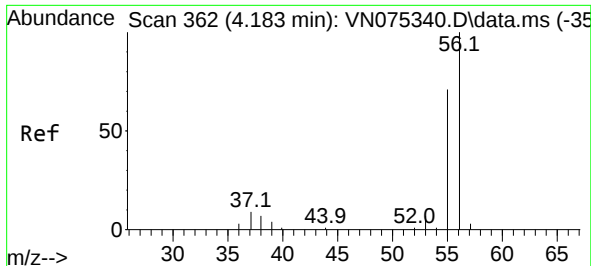
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#12
1,1-Dichloroethene
Concen: 17.595 ug/l
RT: 4.347 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

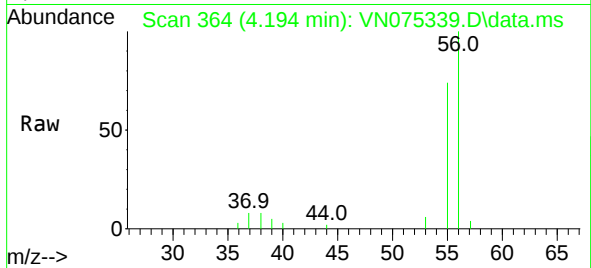
Tgt Ion: 96 Resp: 28454
Ion Ratio Lower Upper
96 100
61 155.9 126.2 189.4
98 63.9 51.5 77.3





#13
Acrolein
Concen: 76.103 ug/l
RT: 4.194 min Scan# 30
Delta R.T. 0.012 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

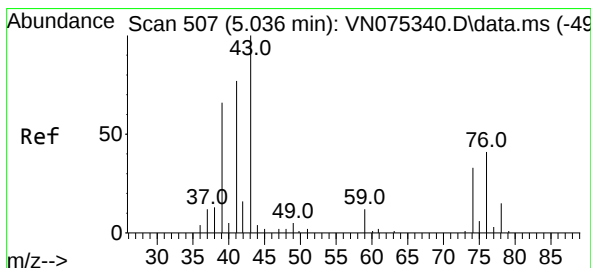
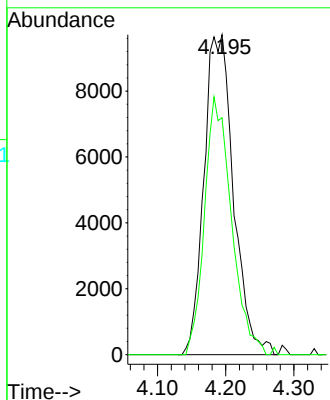
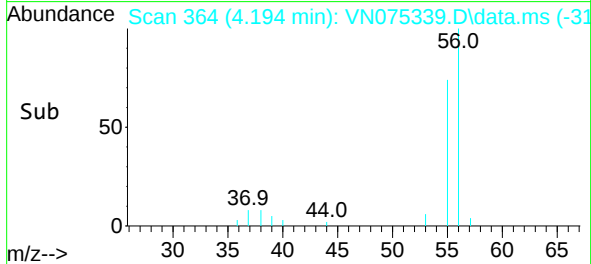
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



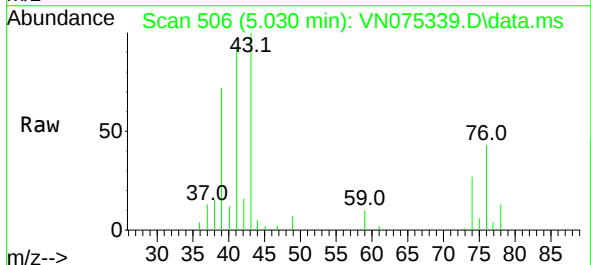
Tgt Ion: 56 Resp: 2927
Ion Ratio Lower Upper
56 100
55 73.3 55.2 82.8

Manual Integrations
APPROVED

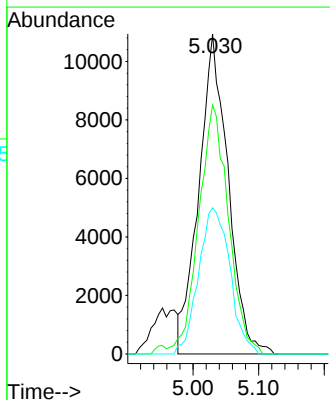
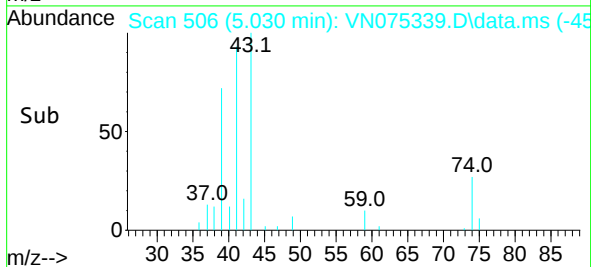
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

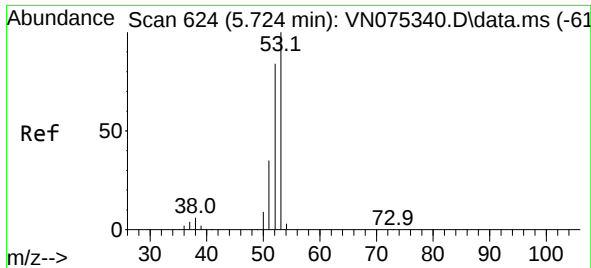


#14
Allyl chloride
Concen: 14.766 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17



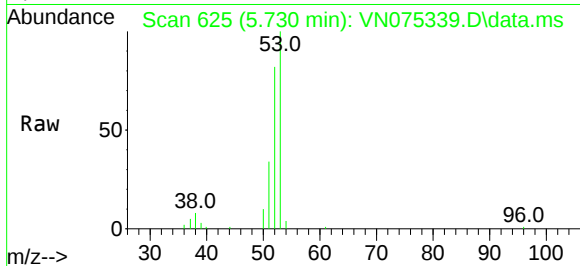
Tgt Ion: 41 Resp: 33787
Ion Ratio Lower Upper
41 100
39 79.5 61.0 91.4
76 49.1 33.4 50.0





#15
Acrylonitrile
Concen: 78.483 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

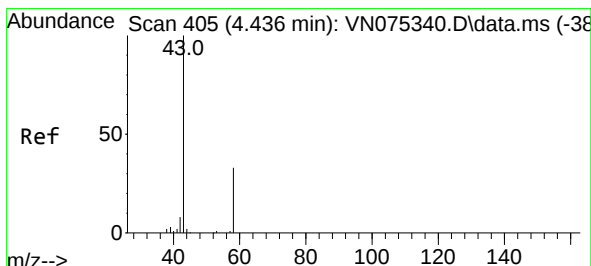
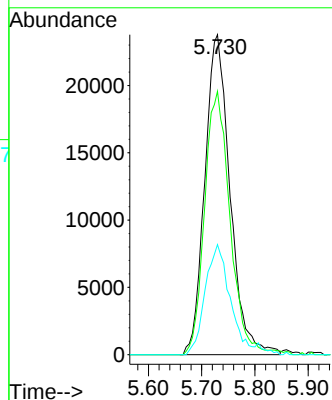
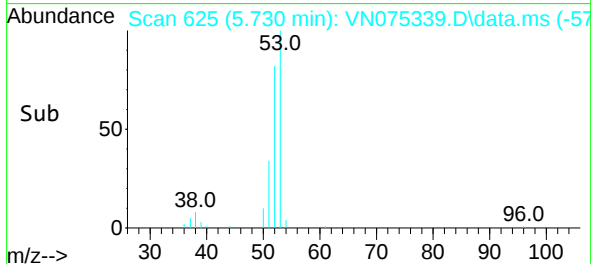
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 7823
Ion Ratio Lower Upper
53 100
52 83.1 66.4 99.6
51 33.9 29.6 44.4

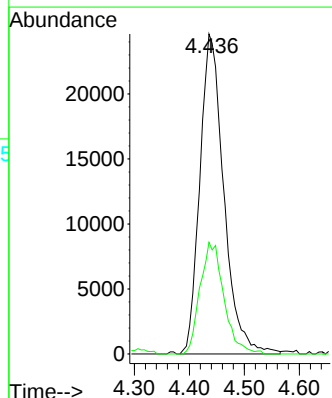
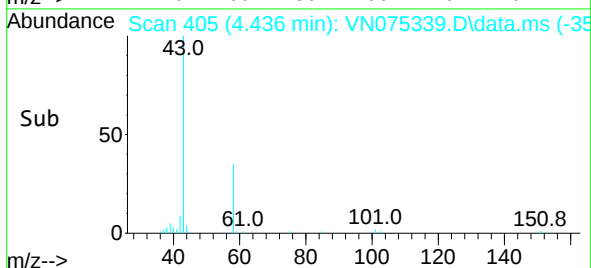
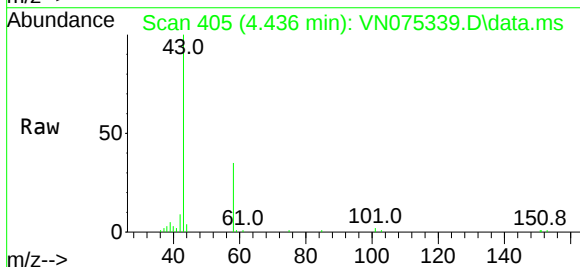
Manual Integrations
APPROVED

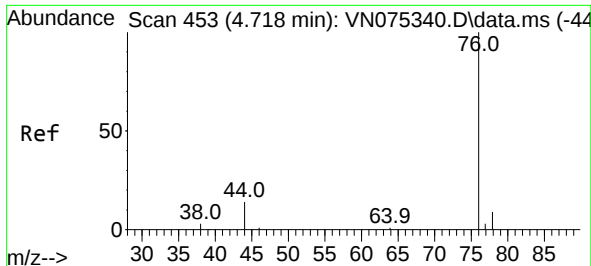
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#16
Acetone
Concen: 85.589 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

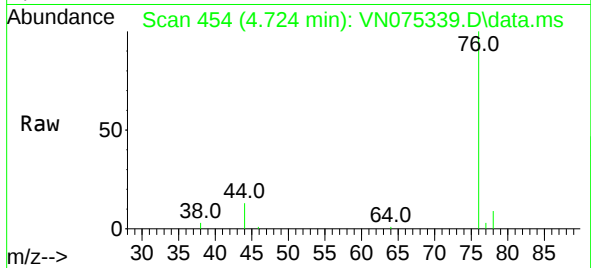
Tgt Ion: 43 Resp: 74476
Ion Ratio Lower Upper
43 100
58 34.9 25.5 38.3





#17
Carbon Disulfide
Concen: 17.908 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

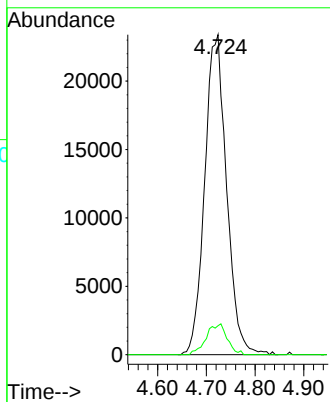
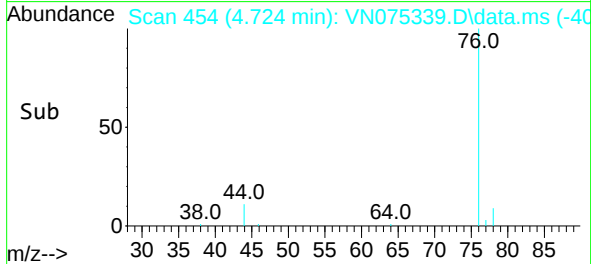
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 7295
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

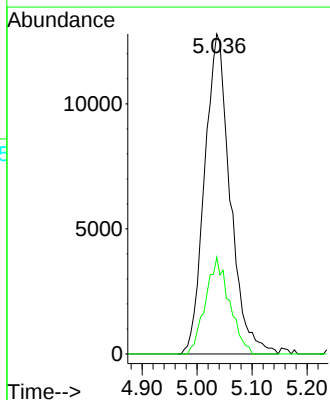
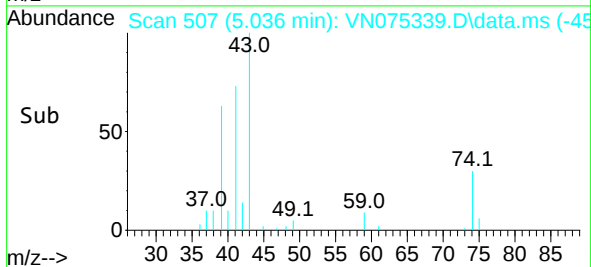
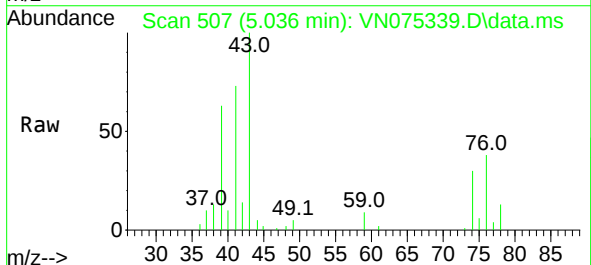
Manual Integrations
APPROVED

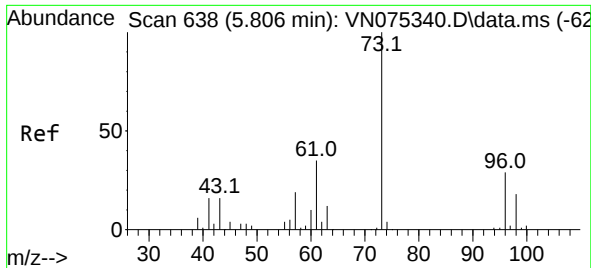
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#18
Methyl Acetate
Concen: 14.979 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

Tgt Ion: 43 Resp: 41396
Ion Ratio Lower Upper
43 100
74 28.2 22.0 33.0





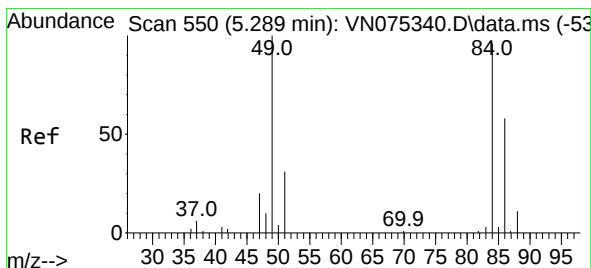
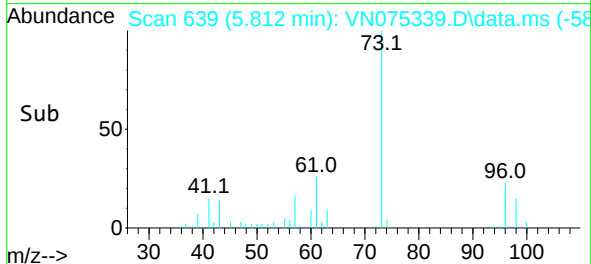
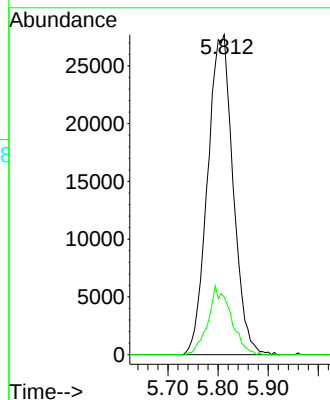
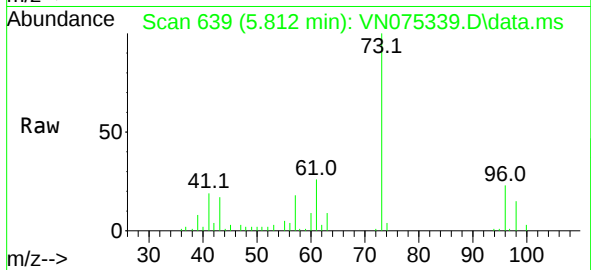
#19
Methyl tert-butyl Ether
Concen: 16.485 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 97934
Ion Ratio Lower Upper
73 100
57 18.0 16.3 24.5

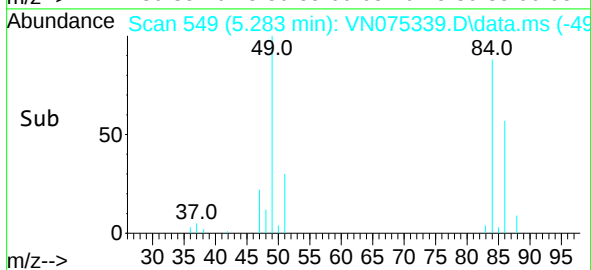
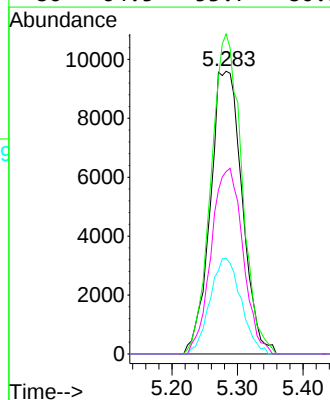
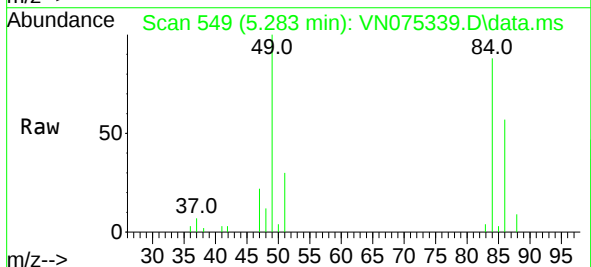
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#20
Methylene Chloride
Concen: 16.752 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

Tgt Ion: 84 Resp: 32371
Ion Ratio Lower Upper
84 100
49 113.2 94.9 142.3
51 33.8 26.8 40.2
86 64.5 53.7 80.5





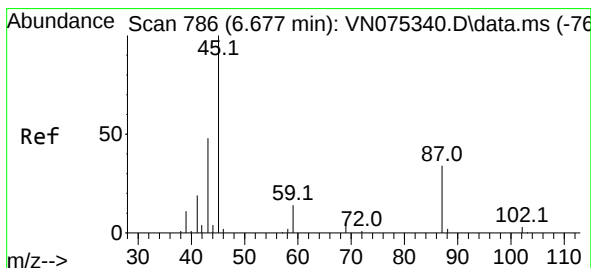
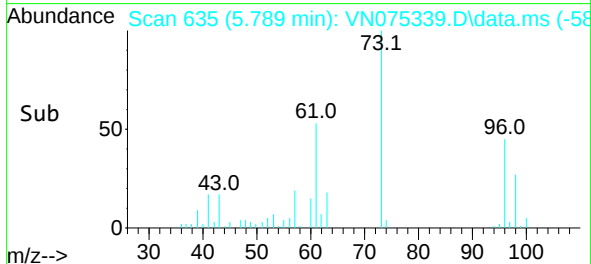
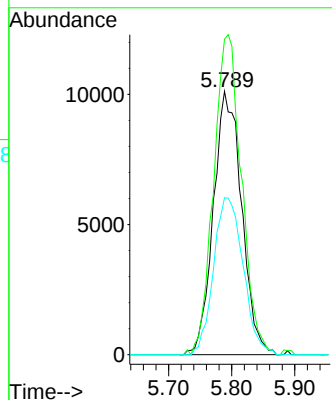
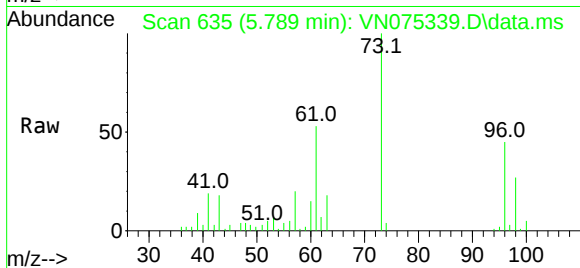
#21
trans-1,2-Dichloroethene
Concen: 17.679 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 31420
Ion Ratio Lower Upper
96 100
61 119.8 99.9 149.9
98 59.6 51.5 77.3

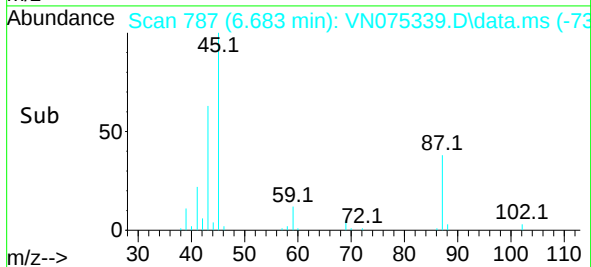
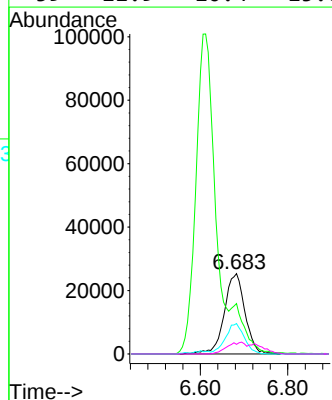
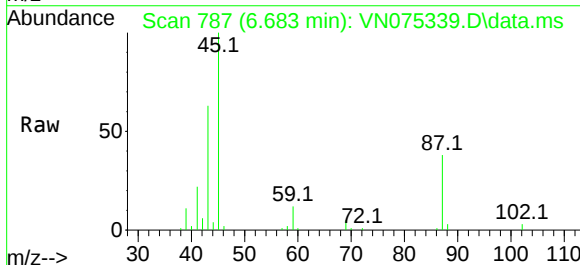
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#22
Diisopropyl ether
Concen: 16.091 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

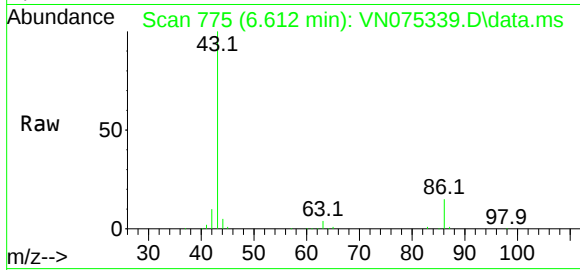
Tgt Ion: 45 Resp: 82738
Ion Ratio Lower Upper
45 100
43 61.3 42.8 64.2
87 38.0 28.4 42.6
59 11.9 10.4 15.6





#23
 Vinyl Acetate
 Concen: 79.297 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075339.D
 Acq: 21 Nov 2022 12:17

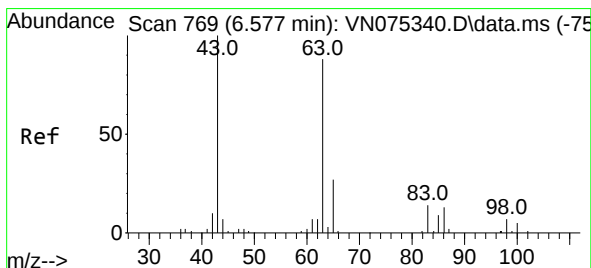
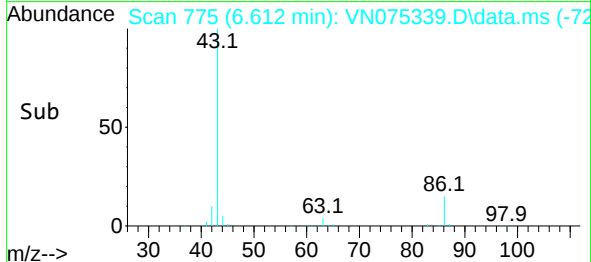
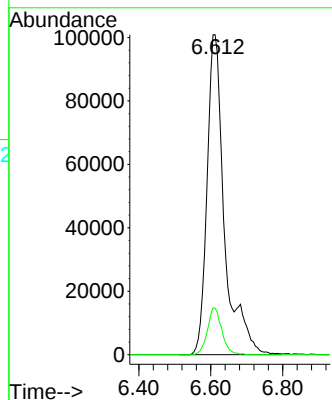
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion: 43 Resp: 338780
 Ion Ratio Lower Upper
 43 100
 86 14.5 10.7 16.1

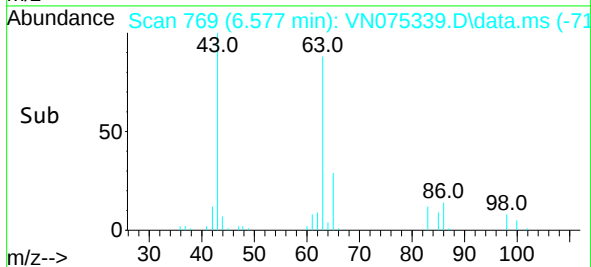
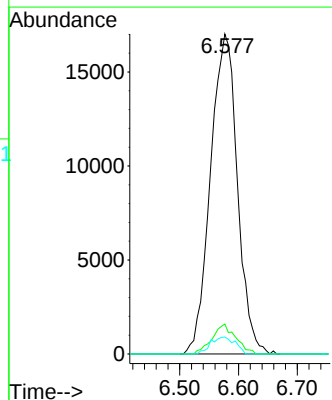
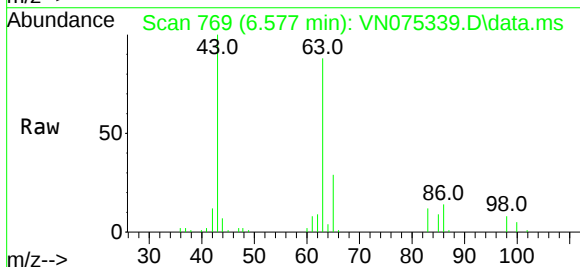
Manual Integrations
 APPROVED

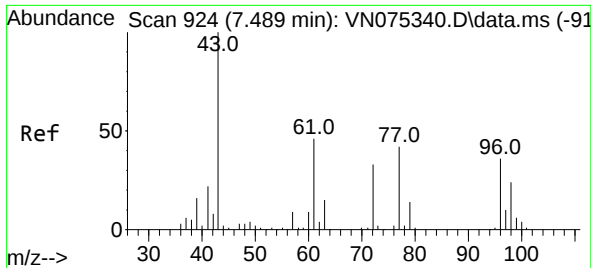
Reviewed By :John Carlone 11/22/2022
 Supervised By :Mahesh Dadoda 11/23/2022



#24
 1,1-Dichloroethane
 Concen: 16.560 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075339.D
 Acq: 21 Nov 2022 12:17

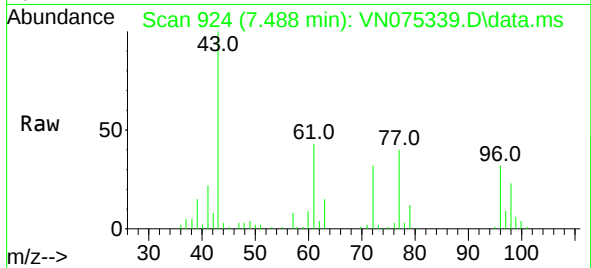
Tgt Ion: 63 Resp: 54147
 Ion Ratio Lower Upper
 63 100
 98 9.4 3.6 10.8
 100 5.3 2.4 7.2





#25
2-Butanone
Concen: 78.780 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

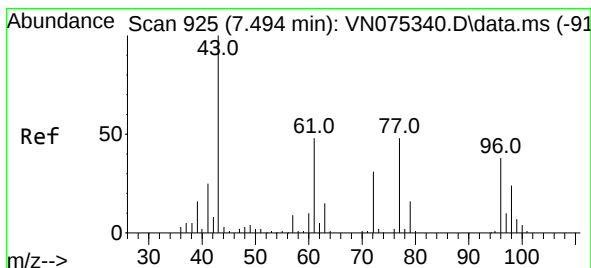
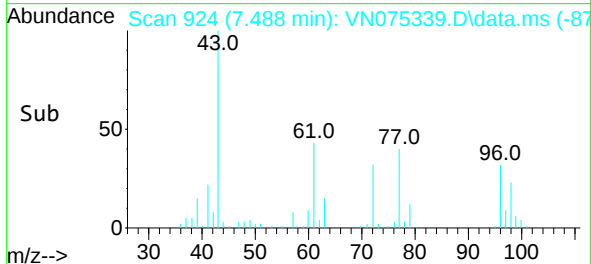
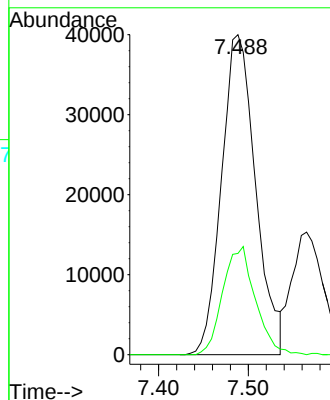
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 105914
Ion Ratio Lower Upper
43 100
72 31.6 25.5 38.3

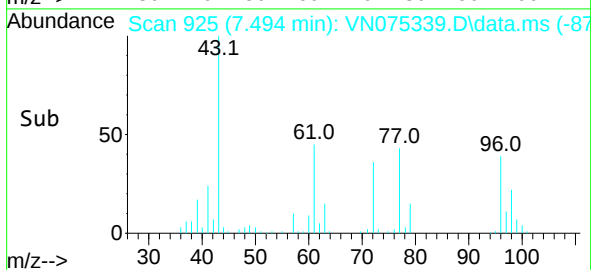
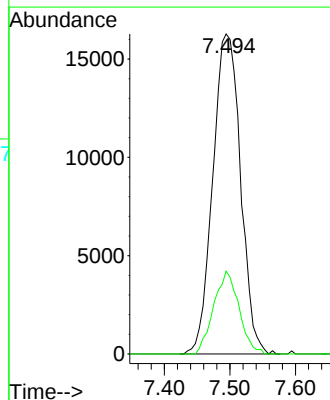
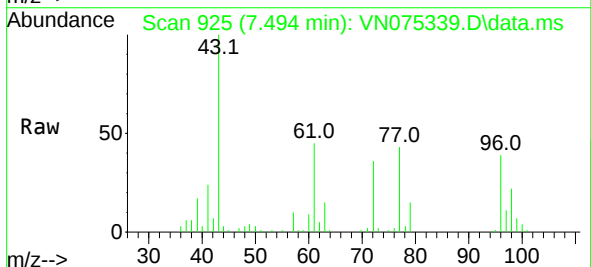
Manual Integrations
APPROVED

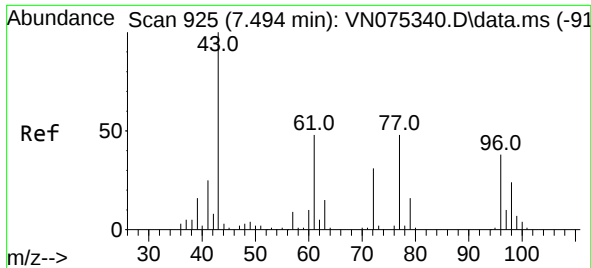
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#26
2,2-Dichloropropane
Concen: 15.894 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

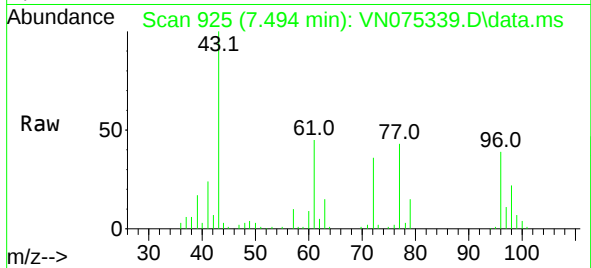
Tgt Ion: 77 Resp: 47762
Ion Ratio Lower Upper
77 100
97 23.6 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 17.524 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN075339.D
 Acq: 21 Nov 2022 12:17

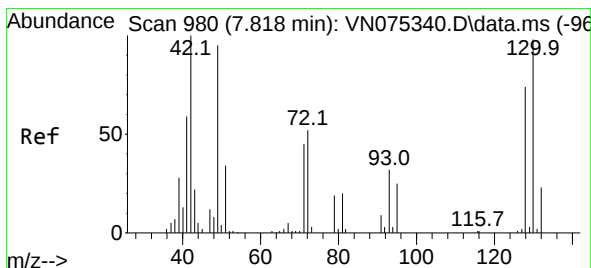
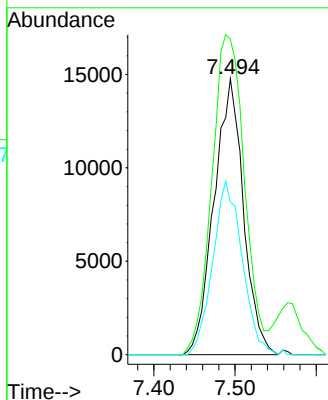
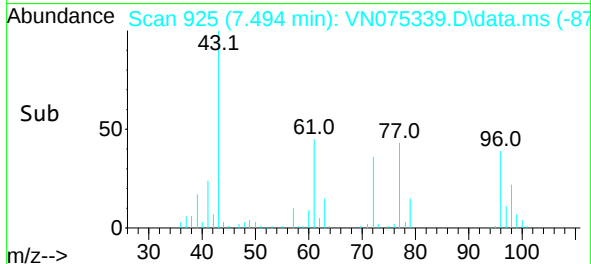
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion: 96 Resp: 37134
 Ion Ratio Lower Upper
 96 100
 61 129.1 0.0 278.8
 98 63.0 0.0 128.4

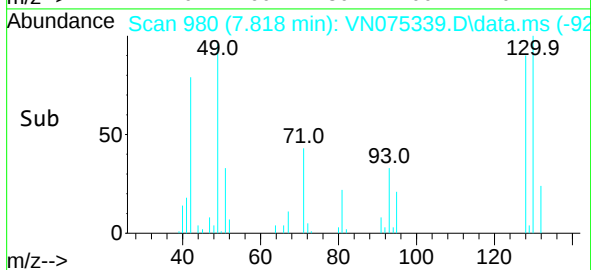
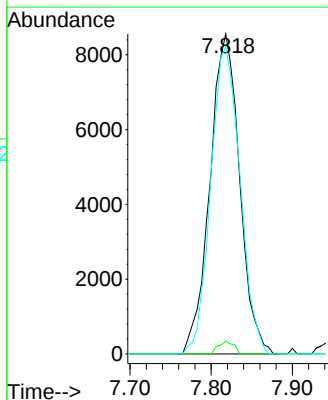
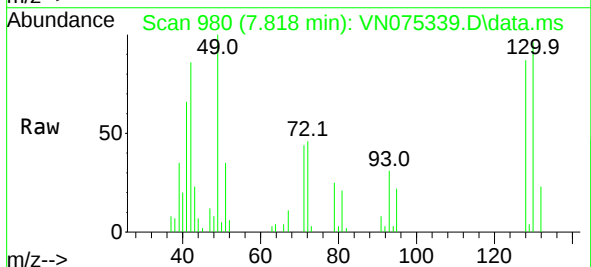
Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/22/2022
 Supervised By :Mahesh Dadoda 11/23/2022



#28
 Bromochloromethane
 Concen: 15.990 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075339.D
 Acq: 21 Nov 2022 12:17

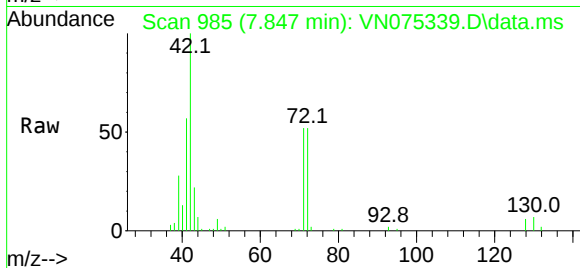
Tgt Ion: 49 Resp: 21752
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 94.9 66.2 99.4





#29
Tetrahydrofuran
Concen: 76.372 ug/l
RT: 7.847 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

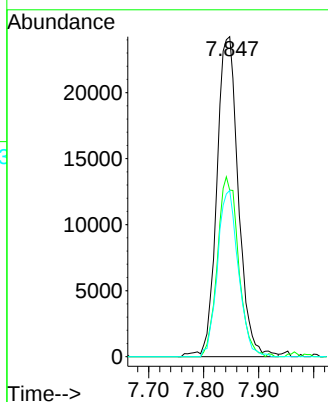
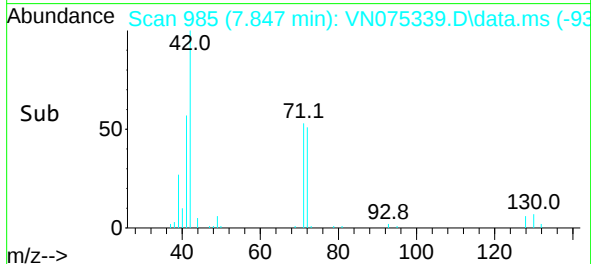
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 42 Resp: 6590
Ion Ratio Lower Upper
42 100
72 54.7 43.0 64.6
71 50.3 39.9 59.9

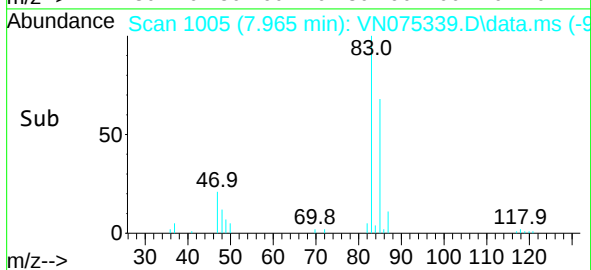
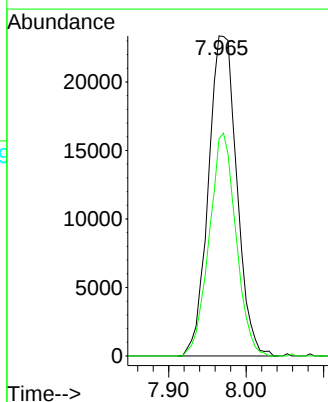
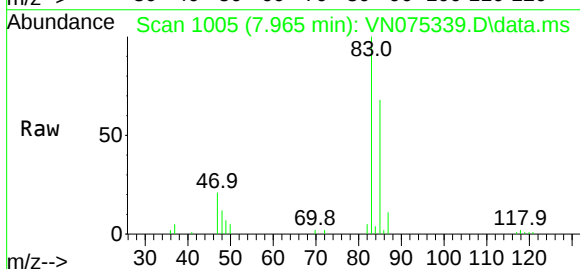
Manual Integrations
APPROVED

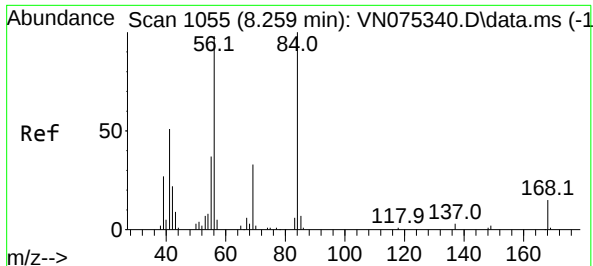
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#30
Chloroform
Concen: 16.757 ug/l
RT: 7.965 min Scan# 1005
Delta R.T. -0.006 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

Tgt Ion: 83 Resp: 59465
Ion Ratio Lower Upper
83 100
85 67.9 51.4 77.0





#31

Cyclohexane

Concen: 16.535 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VN075339.D

Acq: 21 Nov 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 56 Resp: 50010

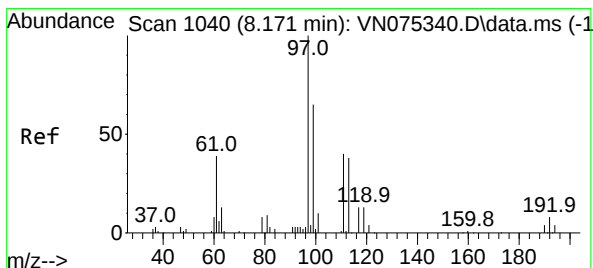
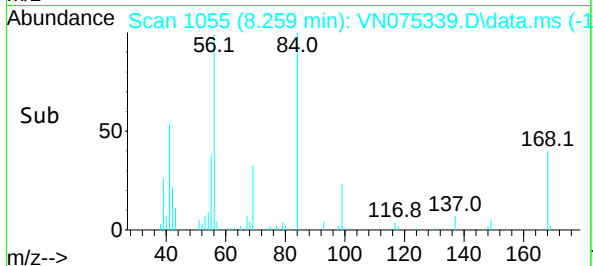
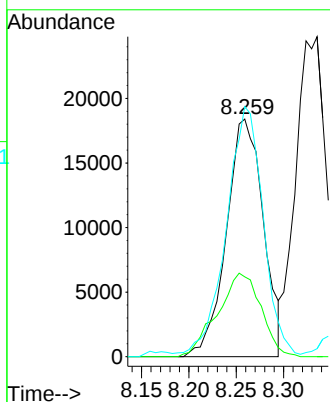
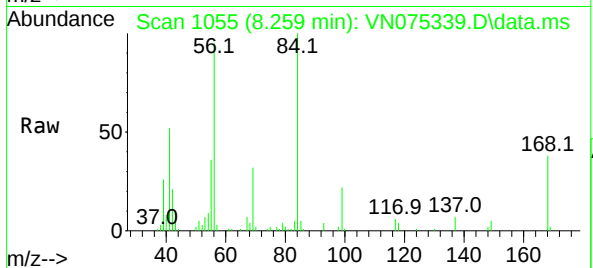
Ion	Ratio	Lower	Upper
56	100		
69	33.6	25.2	37.8
84	103.6	77.8	116.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#32

1,1,1-Trichloroethane

Concen: 17.024 ug/l

RT: 8.171 min Scan# 1040

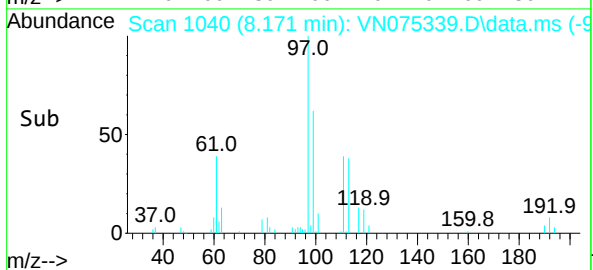
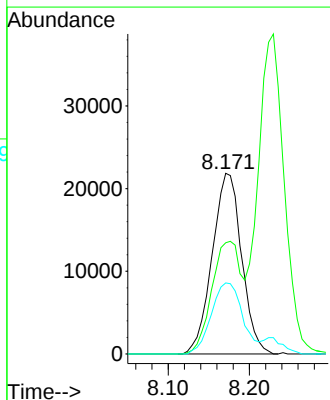
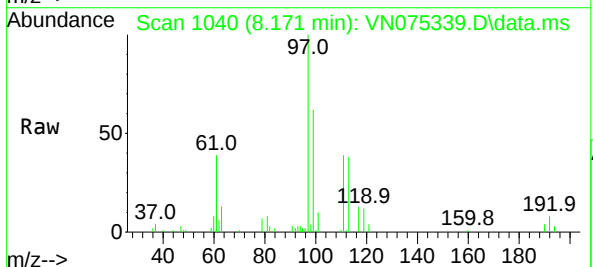
Delta R.T. -0.000 min

Lab File: VN075339.D

Acq: 21 Nov 2022 12:17

Tgt Ion: 97 Resp: 55003

Ion	Ratio	Lower	Upper
97	100		
99	63.2	50.2	75.2
61	41.9	37.0	55.6





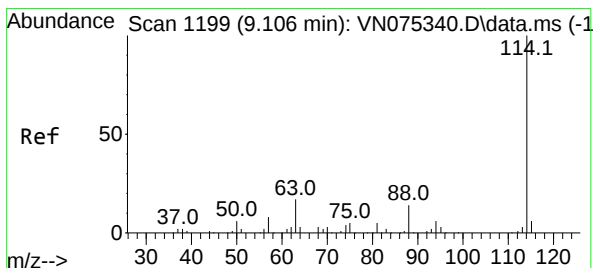
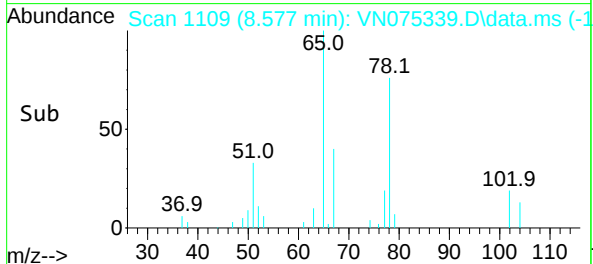
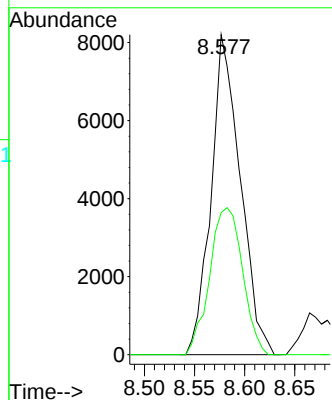
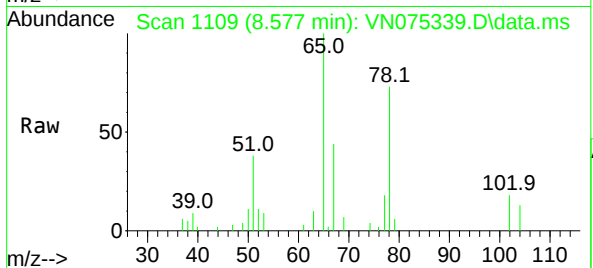
#33
1,2-Dichloroethane-d4
Concen: 8.759 ug/l
RT: 8.577 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 65 Resp: 16629
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.0

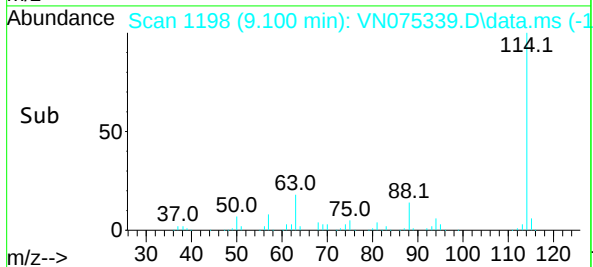
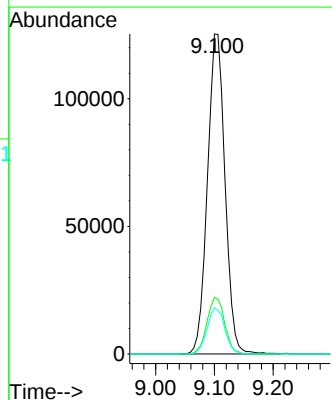
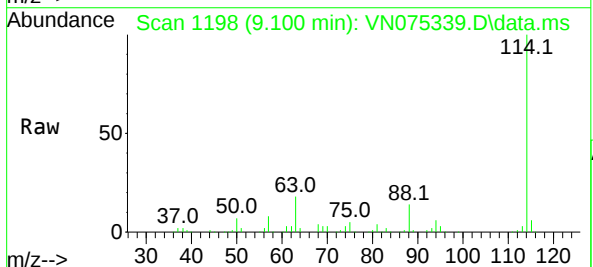
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1198
Delta R.T. -0.006 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

Tgt Ion:114 Resp: 259851
Ion Ratio Lower Upper
114 100
63 17.7 0.0 39.6
88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 13.803 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075339.D

Acq: 21 Nov 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 113 Resp: 20100

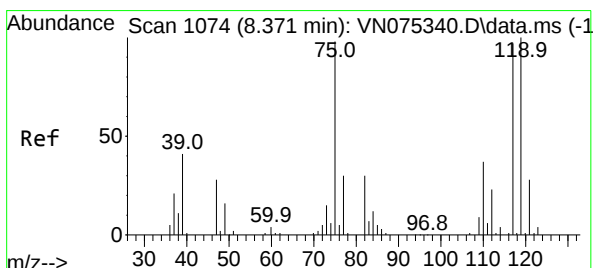
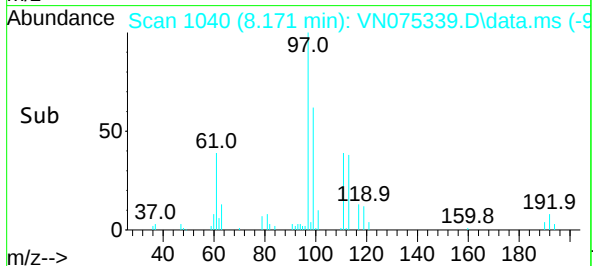
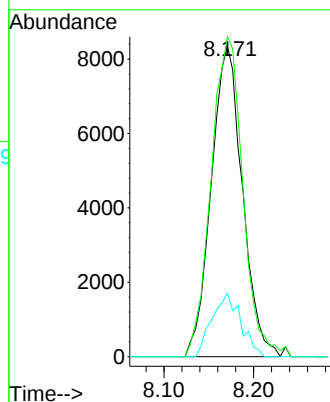
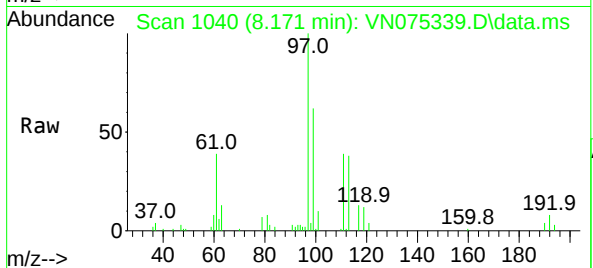
Ion	Ratio	Lower	Upper
113	100		
111	105.1	80.5	120.7
192	18.8	13.2	19.8

Manual Integrations

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Reviewed By : John Carlone 11/22/2022

Supervised By : Mahesh Dadoda 11/23/2022



#36

1,1-Dichloropropene

Concen: 18.151 ug/l

RT: 8.377 min Scan# 1075

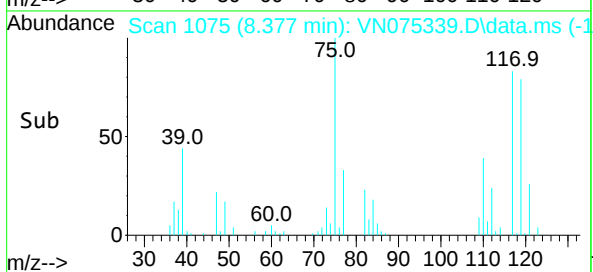
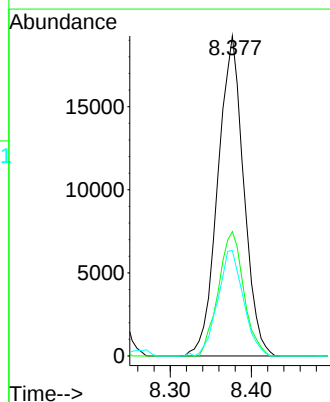
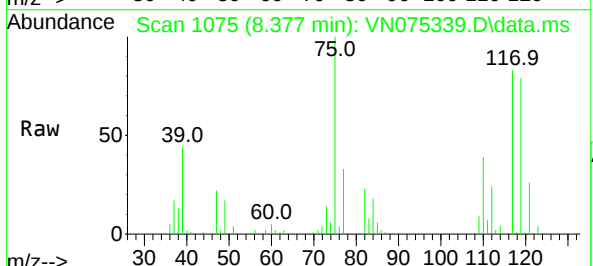
Delta R.T. 0.006 min

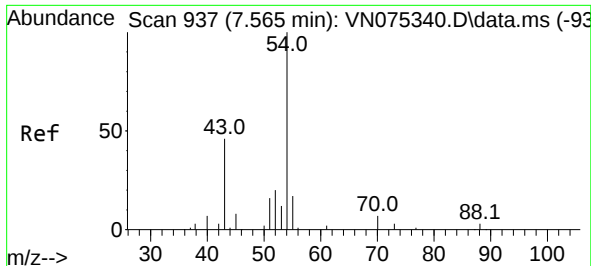
Lab File: VN075339.D

Acq: 21 Nov 2022 12:17

Tgt Ion: 75 Resp: 42580

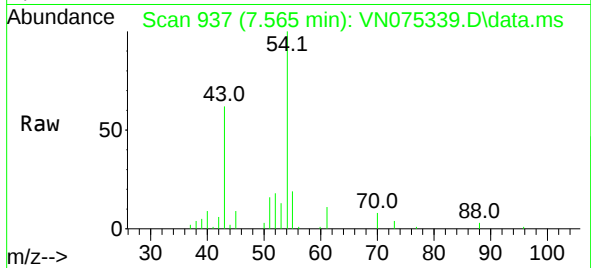
Ion	Ratio	Lower	Upper
75	100		
110	38.1	17.8	53.3
77	32.8	24.6	37.0





#37
Ethyl Acetate
Concen: 15.023 ug/l
RT: 7.565 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

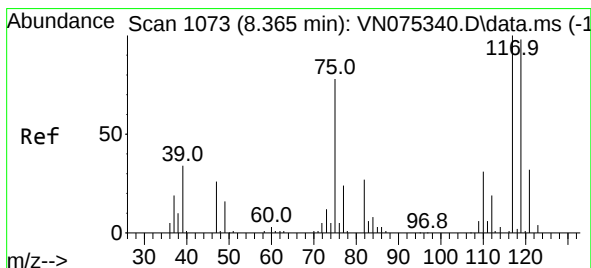
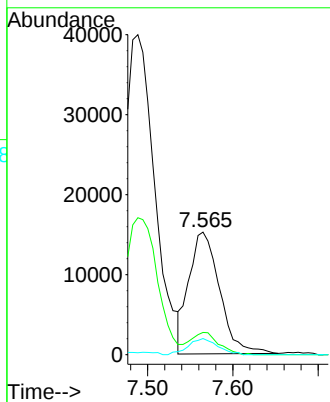
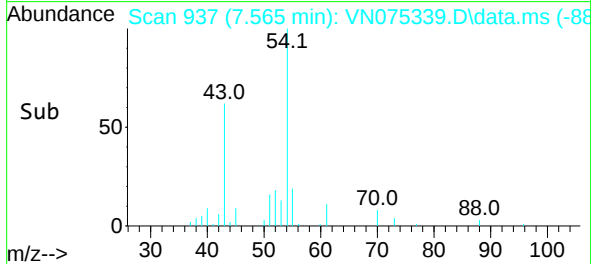
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



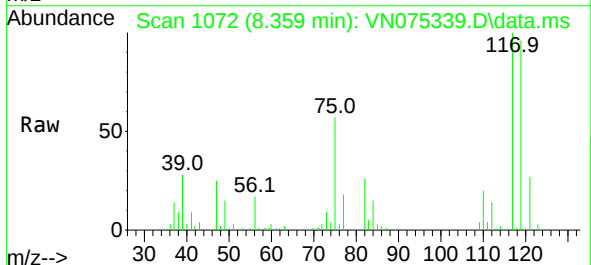
Tgt Ion: 43 Resp: 38110
Ion Ratio Lower Upper
43 100
61 16.3 12.2 18.4
70 12.6 9.4 14.2

Manual Integrations
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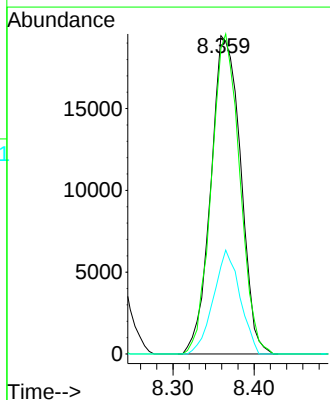
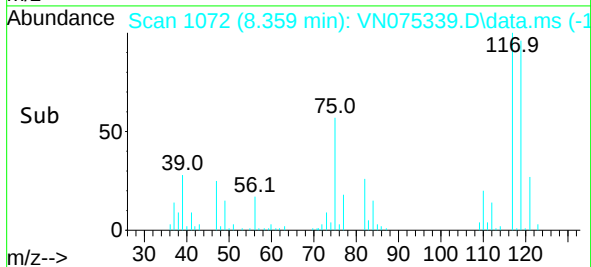
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

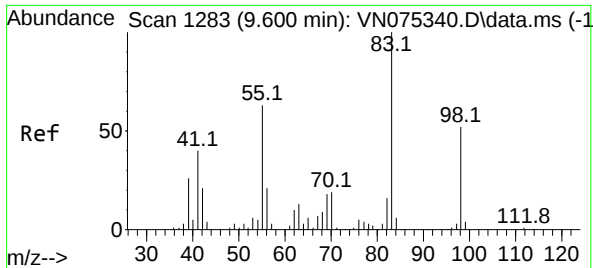


#38
Carbon Tetrachloride
Concen: 19.131 ug/l
RT: 8.359 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17



Tgt Ion:117 Resp: 49443
Ion Ratio Lower Upper
117 100
119 96.0 76.7 115.1
121 27.5 23.9 35.9





#39

Methylcyclohexane

Concen: 17.645 ug/l

RT: 9.600 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075339.D

Acq: 21 Nov 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

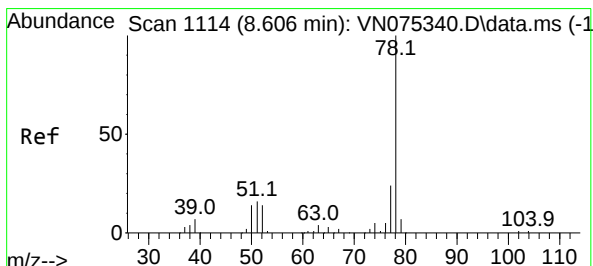
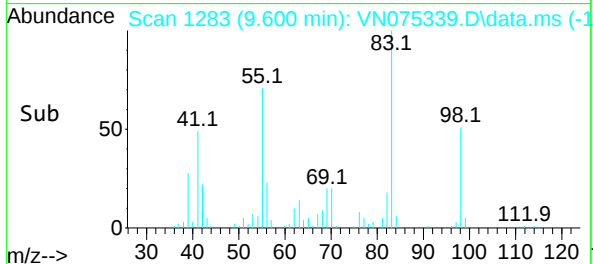
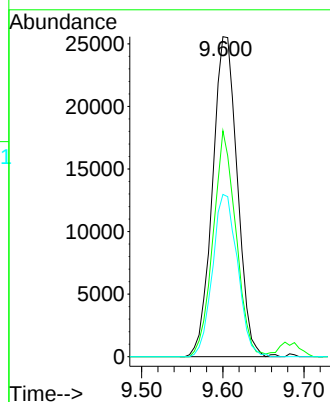
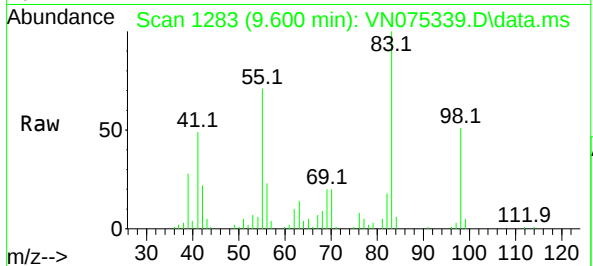
Tgt Ion:	83	Resp:	5430
Ion Ratio	Lower	Upper	
83	100		
55	70.6	53.6	80.4
98	50.7	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#40

Benzene

Concen: 18.151 ug/l

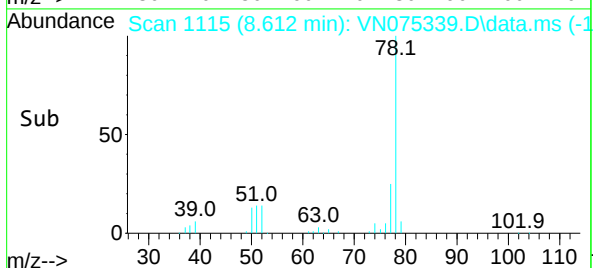
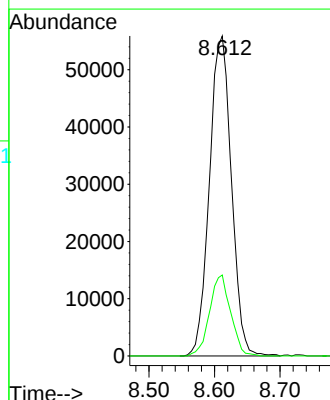
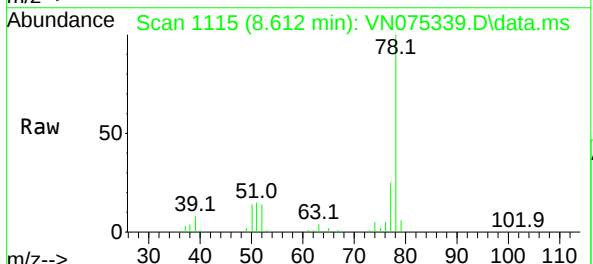
RT: 8.612 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075339.D

Acq: 21 Nov 2022 12:17

Tgt Ion:	78	Resp:	130332
Ion Ratio	Lower	Upper	
78	100		
77	25.3	19.4	29.0





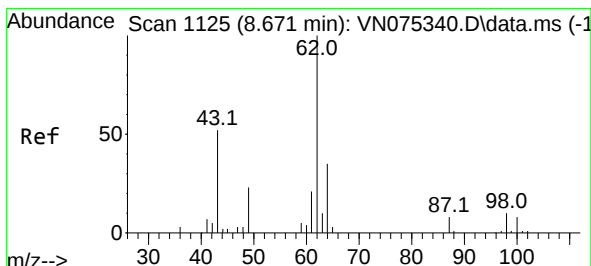
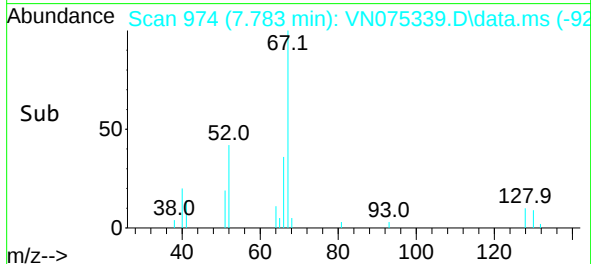
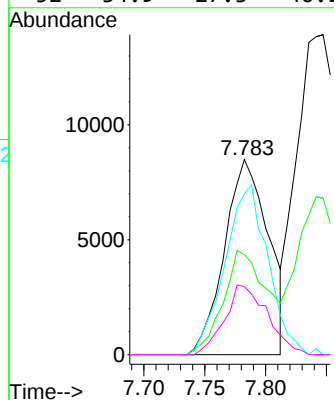
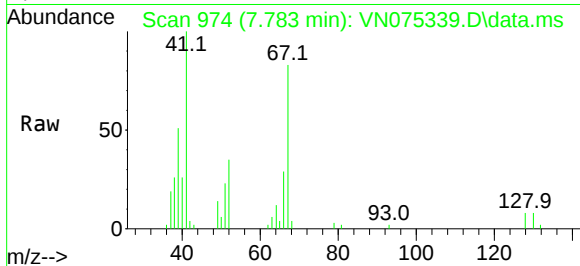
#41
Methacrylonitrile
Concen: 17.619 ug/l
RT: 7.783 min Scan# 912
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 41	Resp: 21218
Ion Ratio	Lower Upper
41 100	
39 53.7	44.4 66.6
67 85.8	69.8 104.6
52 34.9	27.3 40.9

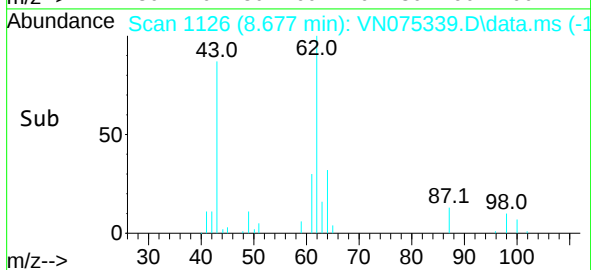
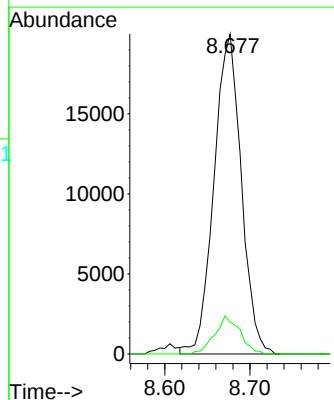
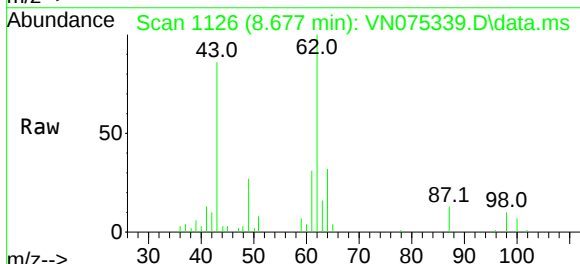
Manual Integrations
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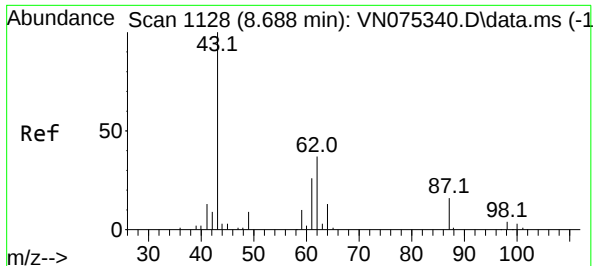
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#42
1,2-Dichloroethane
Concen: 17.215 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

Tgt Ion: 62	Resp: 44359
Ion Ratio	Lower Upper
62 100	
98 11.0	0.0 18.2





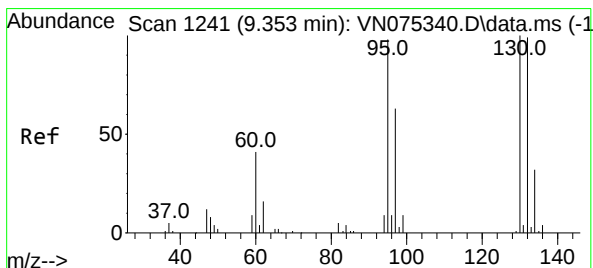
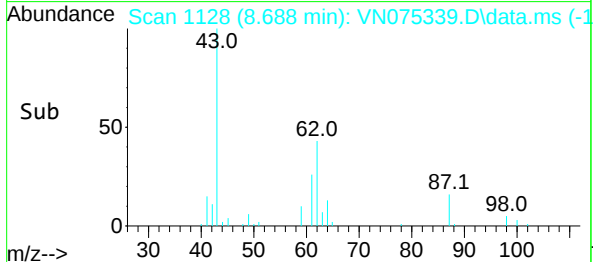
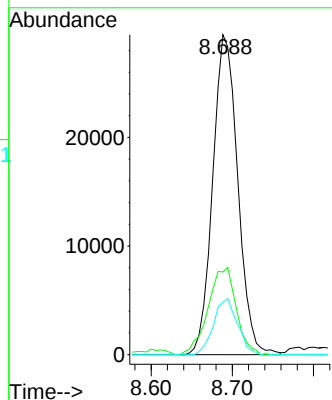
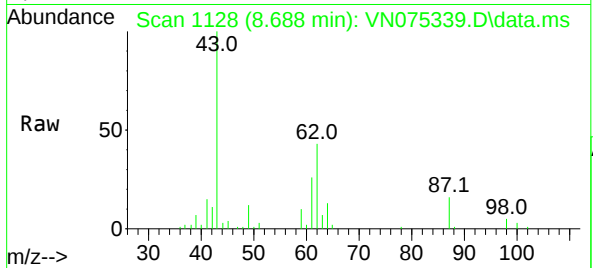
#43
Isopropyl Acetate
Concen: 16.157 ug/l
RT: 8.688 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 6311
Ion Ratio Lower Upper
43 100
61 30.5 22.4 33.6
87 16.8 12.5 18.7

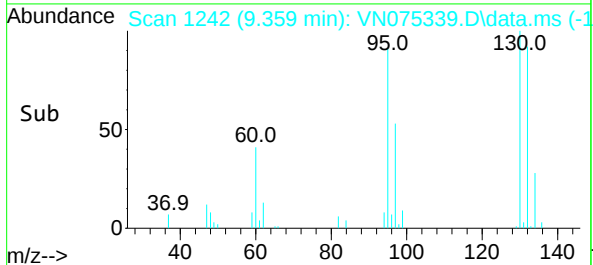
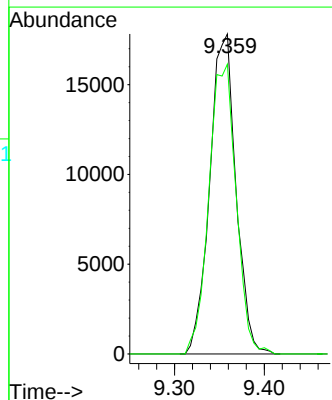
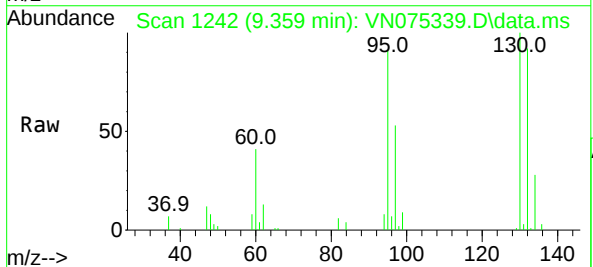
Manual Integrations
APPROVED

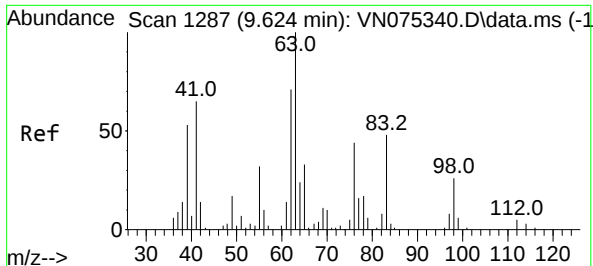
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#44
Trichloroethene
Concen: 19.766 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

Tgt Ion:130 Resp: 36213
Ion Ratio Lower Upper
130 100
95 90.5 0.0 198.4





#45

1,2-Dichloropropane

Concen: 17.986 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075339.D

Acq: 21 Nov 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 30630

Ion Ratio Lower Upper

63 100

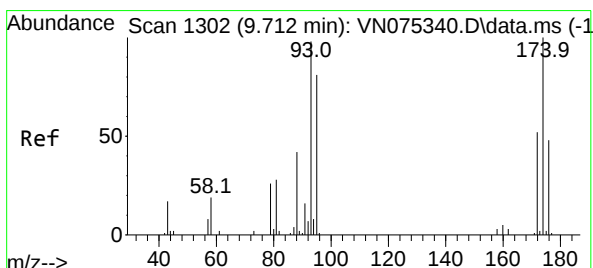
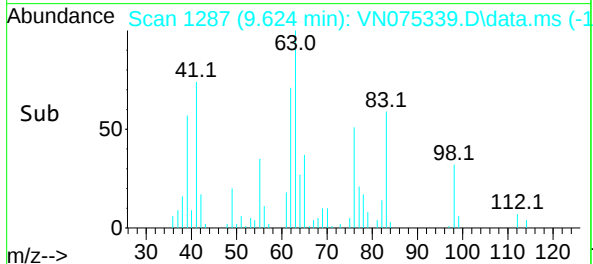
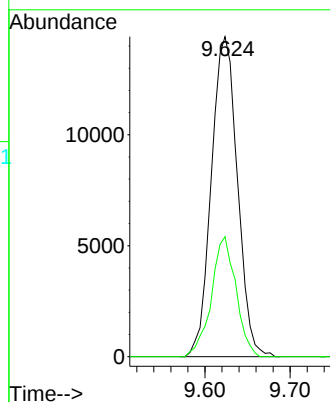
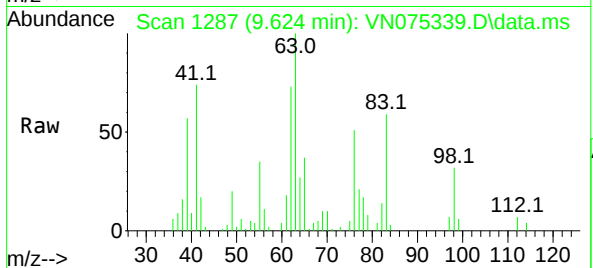
65 37.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#46

Dibromomethane

Concen: 18.125 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075339.D

Acq: 21 Nov 2022 12:17

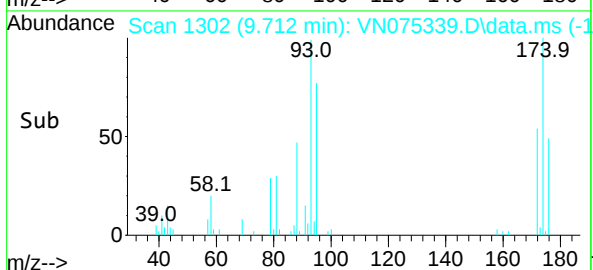
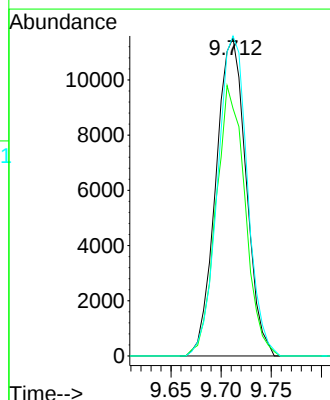
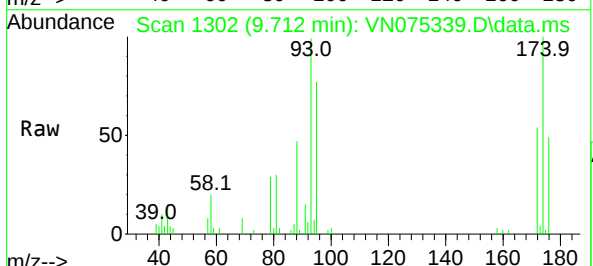
Tgt Ion: 93 Resp: 24096

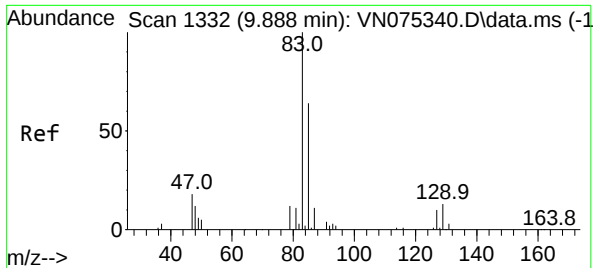
Ion Ratio Lower Upper

93 100

95 81.9 66.6 99.8

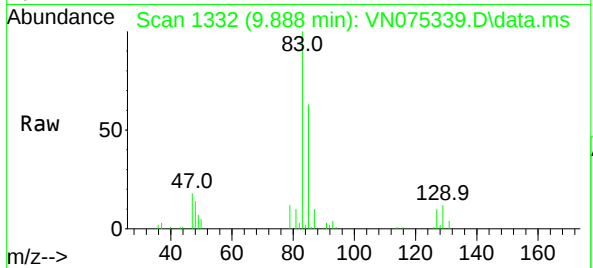
174 99.1 70.3 105.5





#47
Bromodichloromethane
Concen: 18.056 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

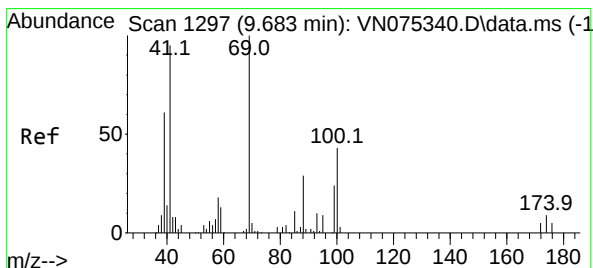
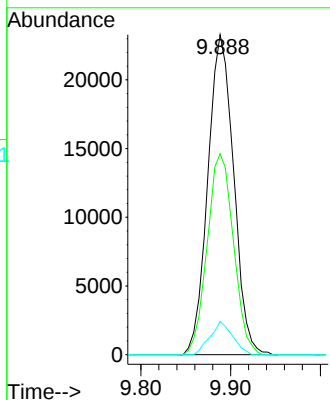
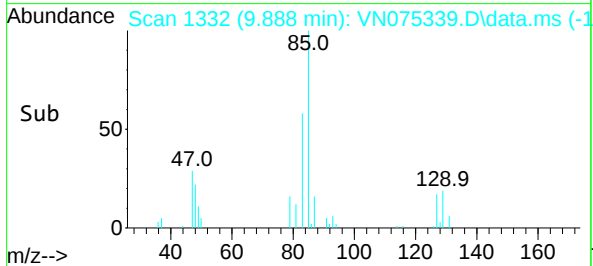
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 46478
Ion Ratio Lower Upper
83 100
85 62.8 52.1 78.1
127 10.4 6.6 10.0

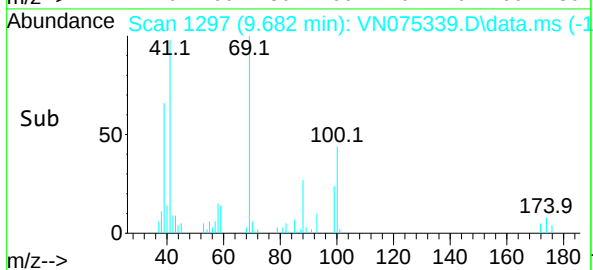
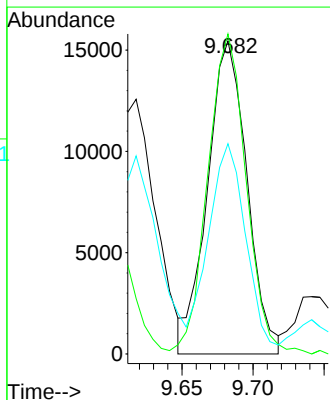
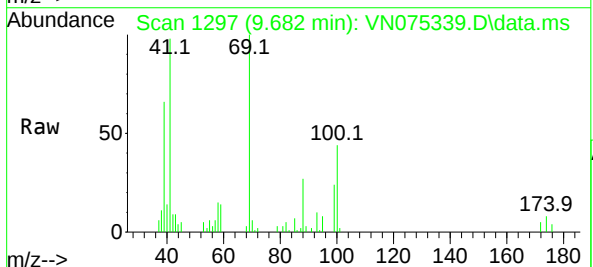
Manual Integrations
APPROVED

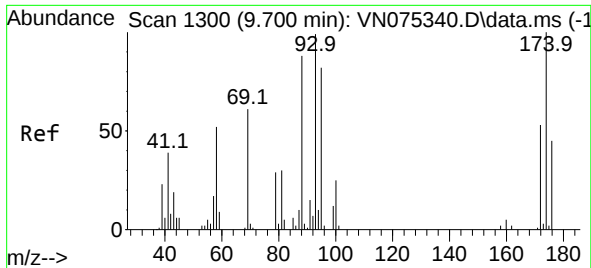
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#48
Methyl methacrylate
Concen: 16.549 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

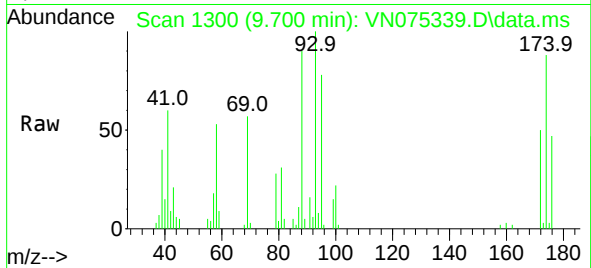
Tgt Ion: 41 Resp: 29849
Ion Ratio Lower Upper
41 100
69 99.7 80.2 120.2
39 64.2 56.2 84.2





#49
1,4-Dioxane
Concen: 354.580 ug/l
RT: 9.700 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

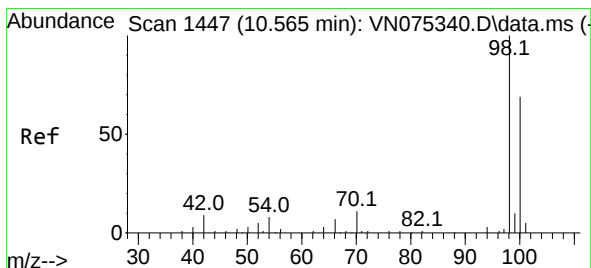
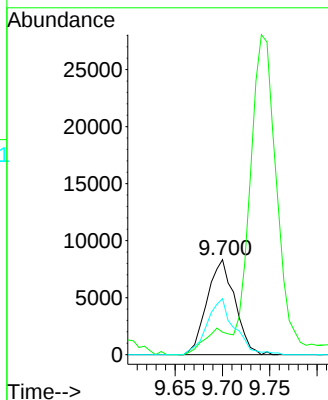
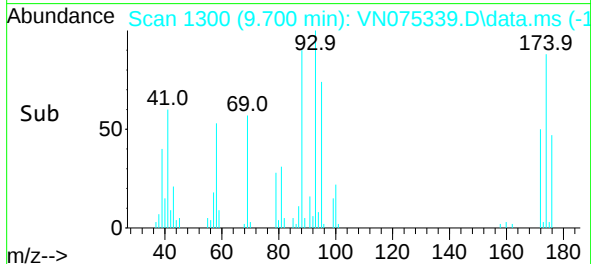
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



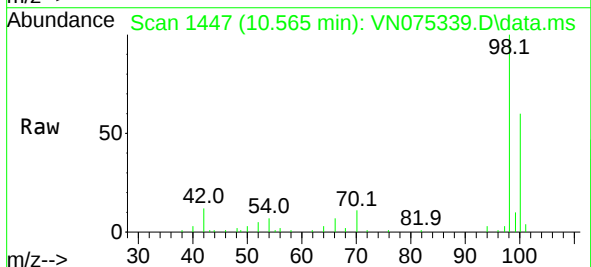
Tgt Ion: 88 Resp: 17062
Ion Ratio Lower Upper
88 100
43 23.0 17.5 26.3
58 58.2 49.8 74.8

Manual Integrations
APPROVED

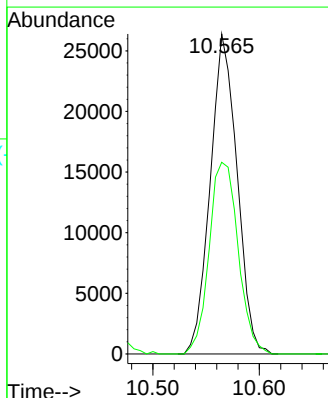
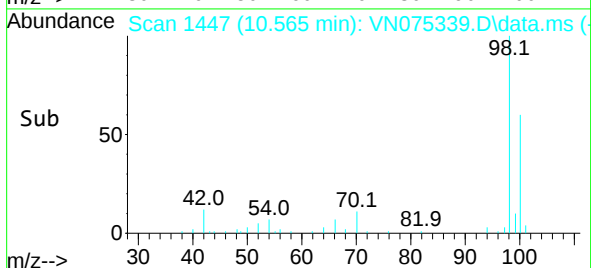
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

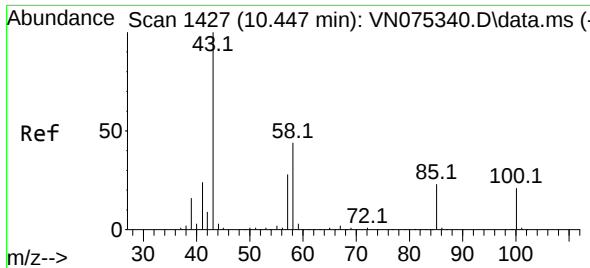


#50
Toluene-d8
Concen: 8.616 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17



Tgt Ion: 98 Resp: 46104
Ion Ratio Lower Upper
98 100
100 64.9 53.0 79.6





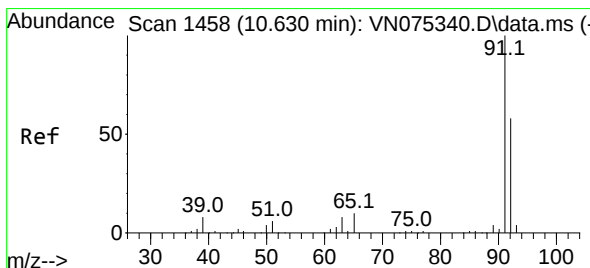
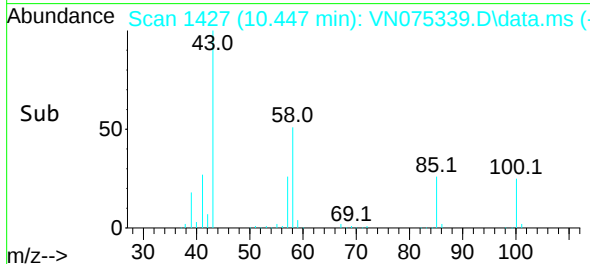
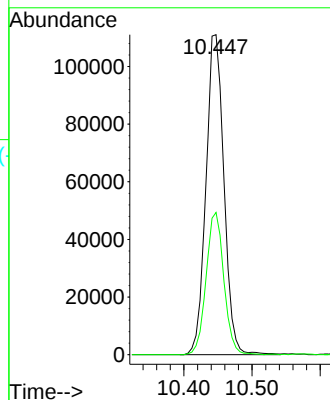
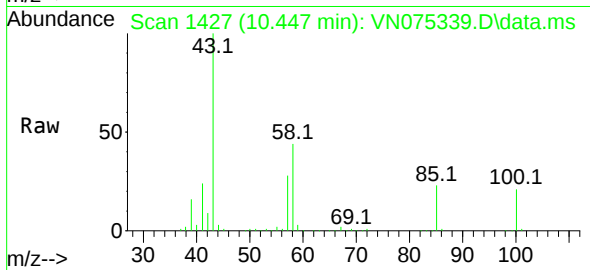
#51
4-Methyl-2-Pentanone
Concen: 81.130 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 20430
Ion Ratio Lower Upper
43 100
58 43.8 33.6 50.4

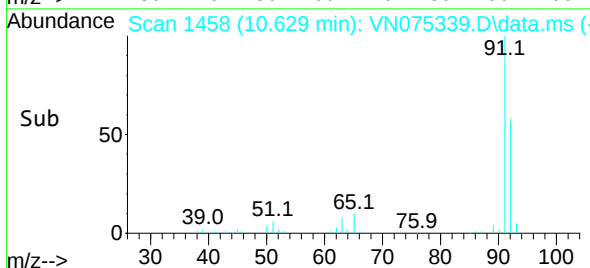
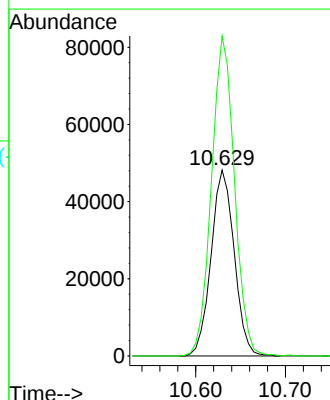
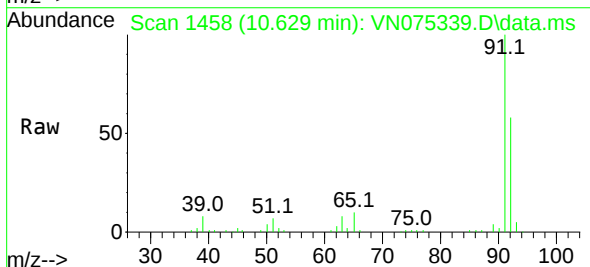
Manual Integrations
APPROVED

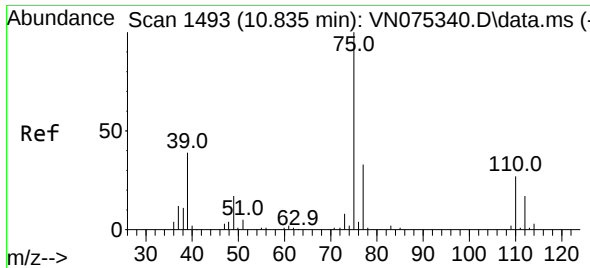
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#52
Toluene
Concen: 18.126 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

Tgt Ion: 92 Resp: 86268
Ion Ratio Lower Upper
92 100
91 171.3 135.4 203.2





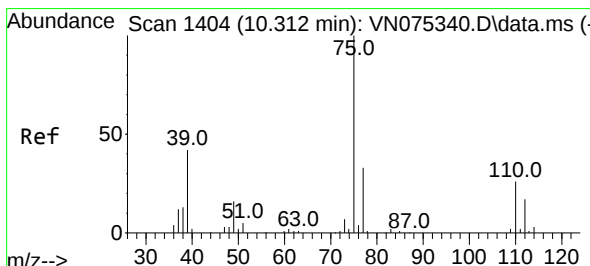
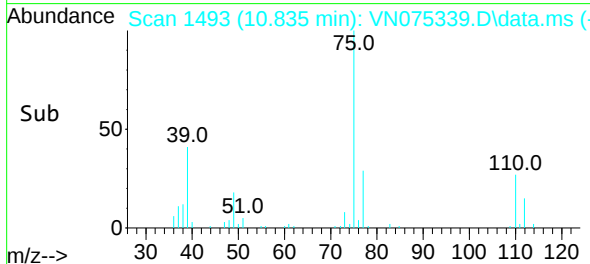
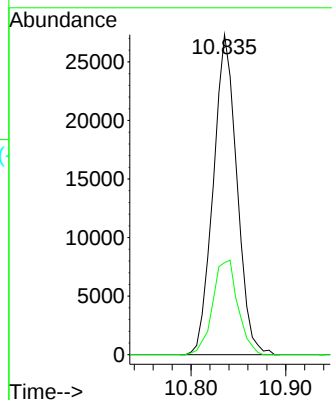
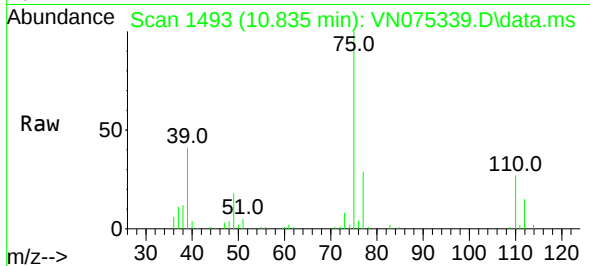
#53
 t-1,3-Dichloropropene
 Concen: 17.557 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.000 min
 Lab File: VN075339.D
 Acq: 21 Nov 2022 12:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion: 75 Resp: 47370
 Ion Ratio Lower Upper
 75 100
 77 28.7 25.4 38.2

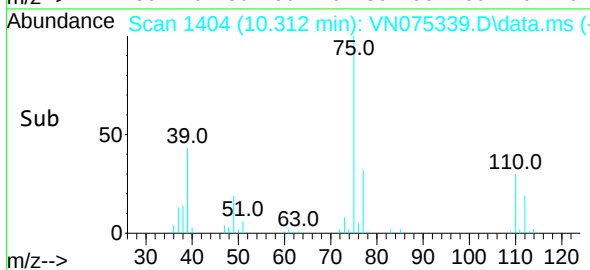
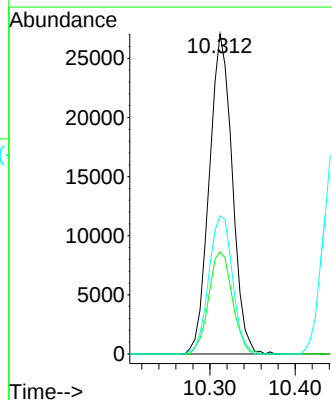
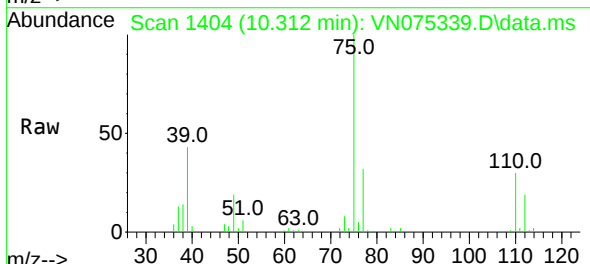
Manual Integrations
 APPROVED

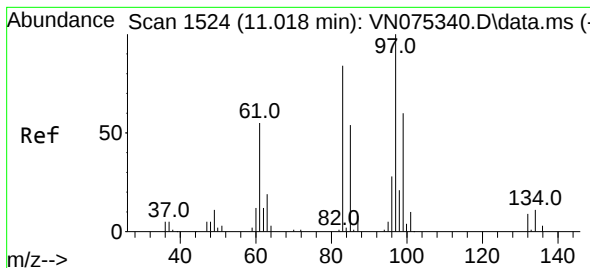
Reviewed By :John Carlone 11/22/2022
 Supervised By :Mahesh Dadoda 11/23/2022



#54
 cis-1,3-Dichloropropene
 Concen: 17.645 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.000 min
 Lab File: VN075339.D
 Acq: 21 Nov 2022 12:17

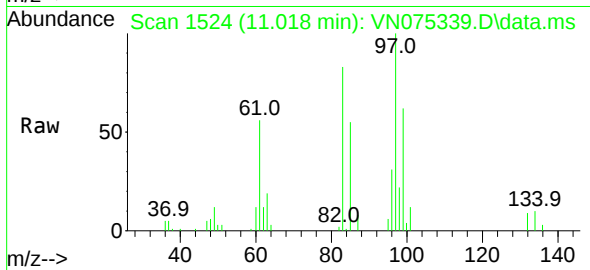
Tgt Ion: 75 Resp: 50689
 Ion Ratio Lower Upper
 75 100
 77 31.9 23.7 35.5
 39 43.2 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 18.288 ug/l
RT: 11.018 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

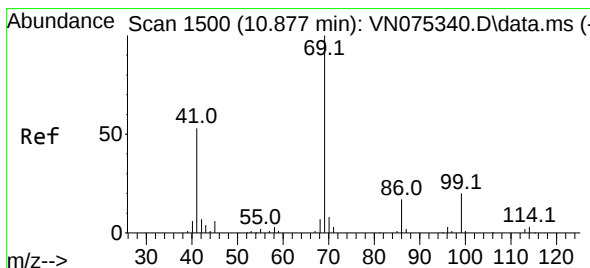
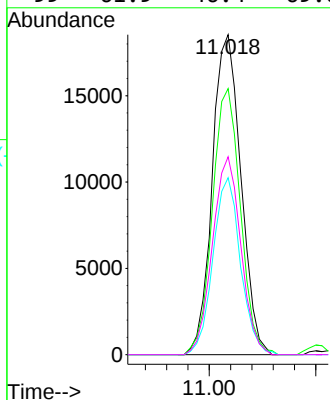
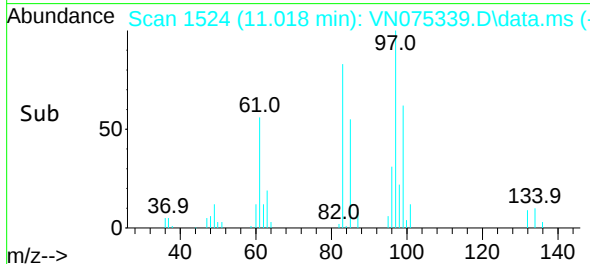


Tgt Ion: 97 Resp: 3453

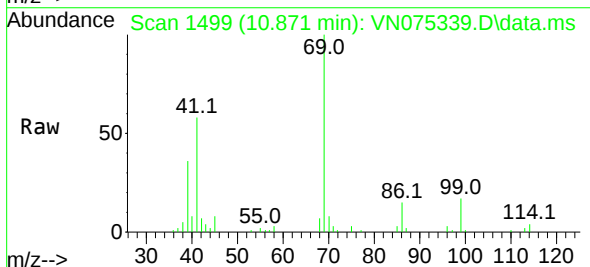
Ion	Ratio	Lower	Upper
97	100		
83	83.2	65.9	98.9
85	55.3	40.4	60.6
99	61.9	46.4	69.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

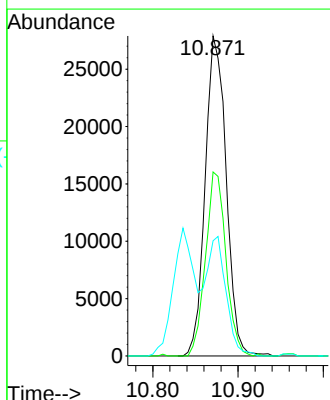
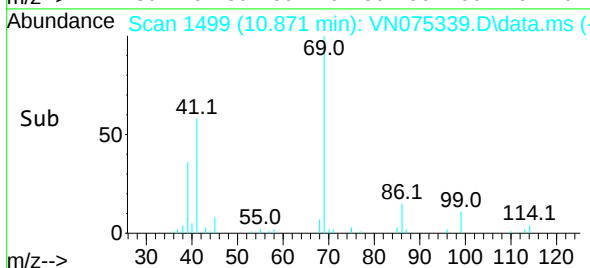


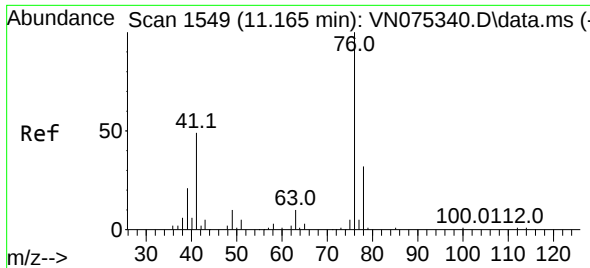
#56
Ethyl methacrylate
Concen: 16.753 ug/l
RT: 10.871 min Scan# 1499
Delta R.T. -0.006 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17



Tgt Ion: 69 Resp: 47928

Ion	Ratio	Lower	Upper
69	100		
41	55.9	45.6	68.4
39	36.6	28.5	42.7





#57

1,3-Dichloropropane

Concen: 18.020 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN075339.D

Acq: 21 Nov 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 56720

Ion Ratio Lower Upper

76 100

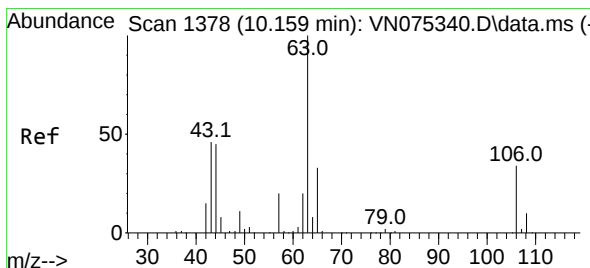
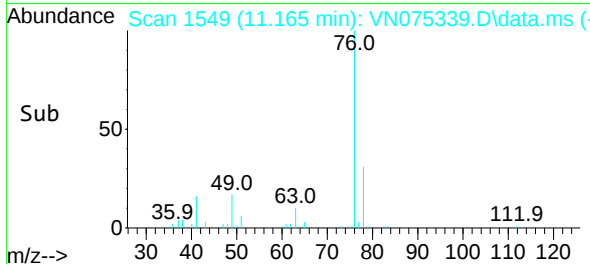
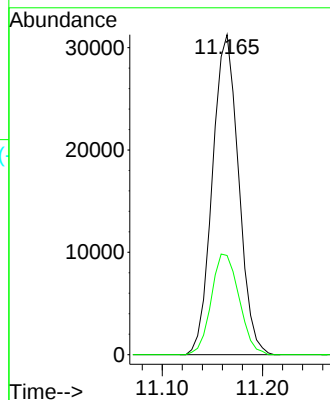
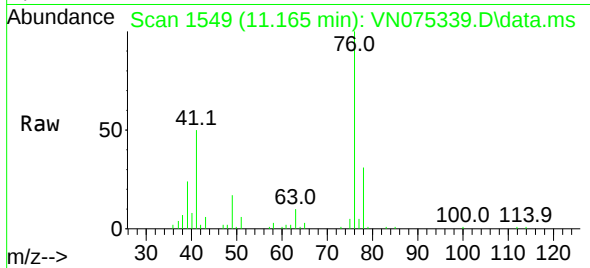
78 33.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#58

2-Chloroethyl Vinyl ether

Concen: 86.644 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.000 min

Lab File: VN075339.D

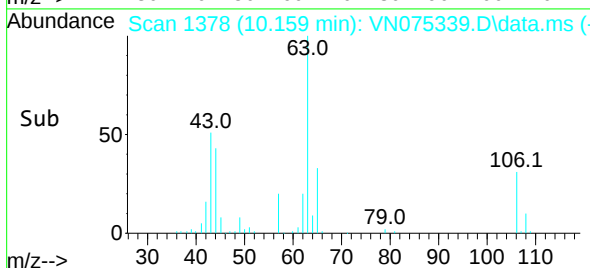
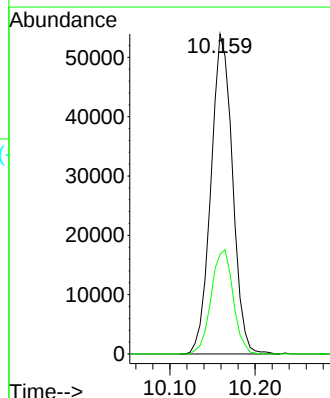
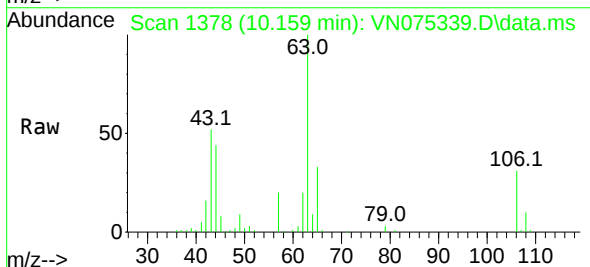
Acq: 21 Nov 2022 12:17

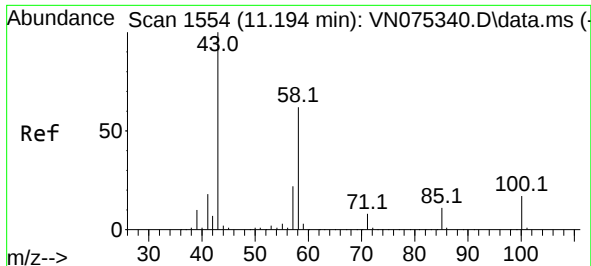
Tgt Ion: 63 Resp: 94711

Ion Ratio Lower Upper

63 100

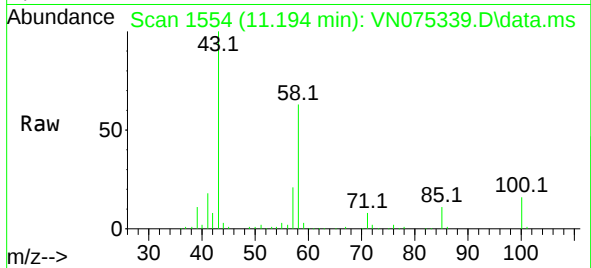
106 33.2 24.8 37.2





#59
2-Hexanone
Concen: 80.182 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

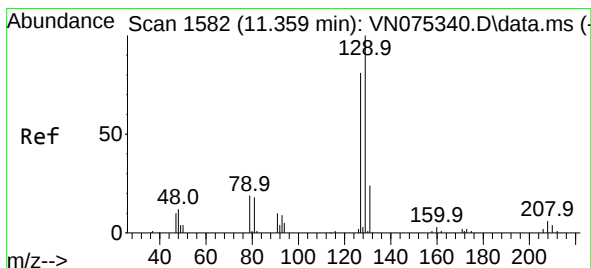
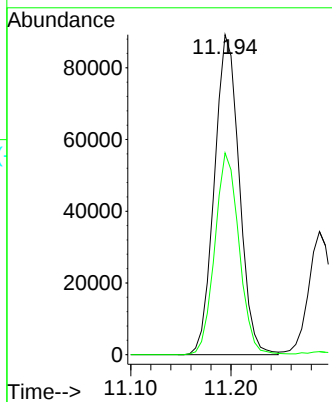
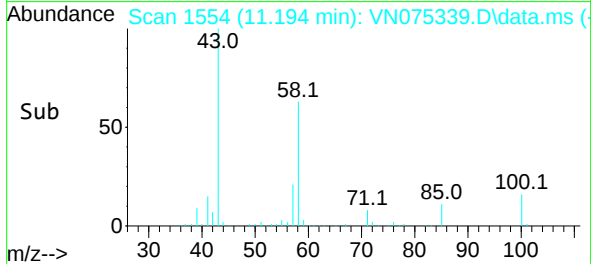
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 15336
Ion Ratio Lower Upper
43 100
58 61.6 29.6 88.8

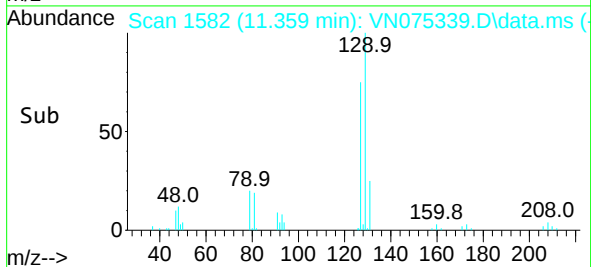
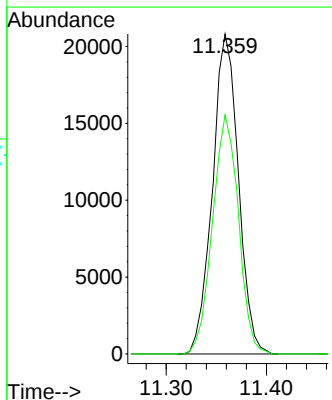
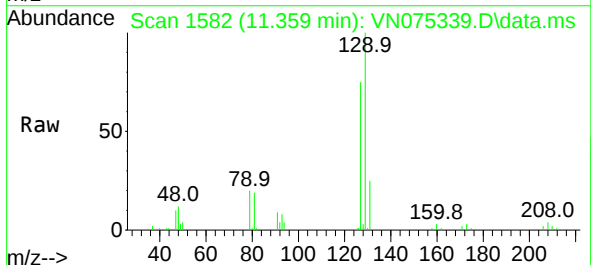
Manual Integrations
APPROVED

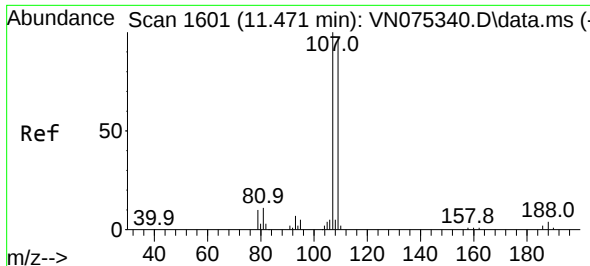
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#60
Dibromochloromethane
Concen: 18.565 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

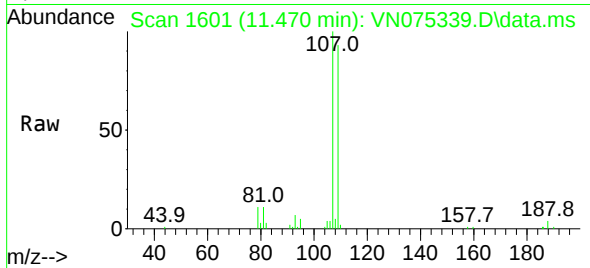
Tgt Ion:129 Resp: 37391
Ion Ratio Lower Upper
129 100
127 74.7 38.6 115.8





#61
1,2-Dibromoethane
Concen: 17.969 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

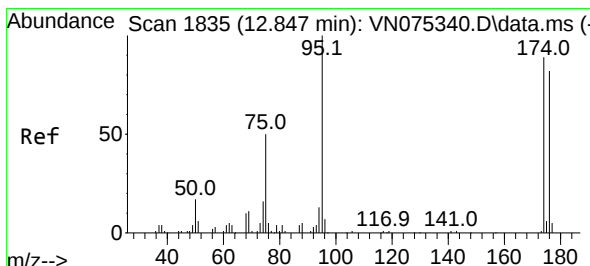
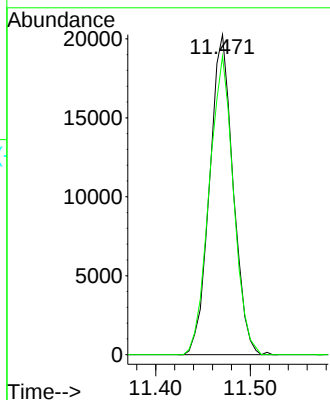
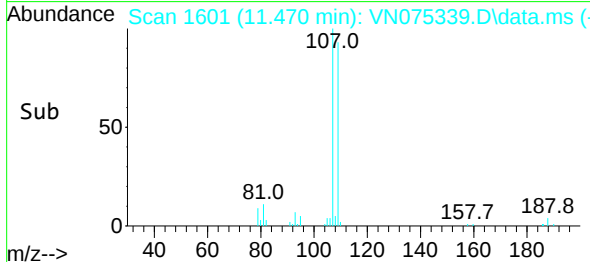
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



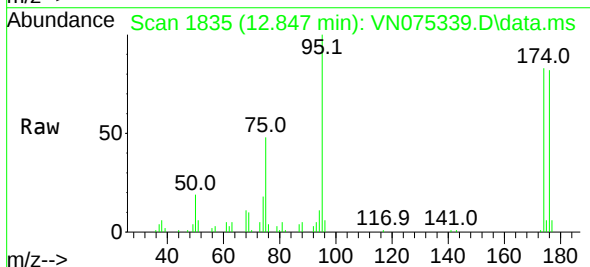
Tgt Ion:107 Resp: 34924
Ion Ratio Lower Upper
107 100
109 96.6 75.6 113.4

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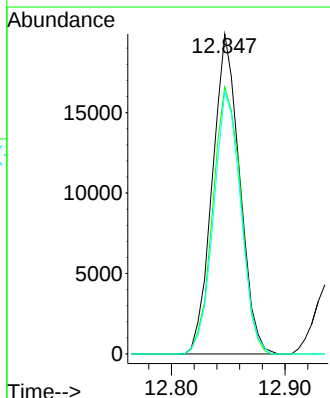
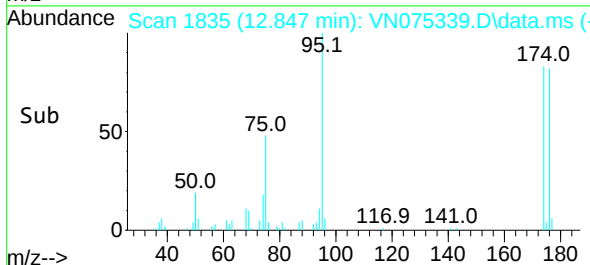
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

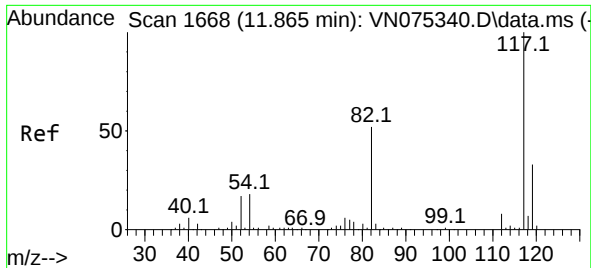


#62
4-Bromofluorobenzene
Concen: 16.373 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17



Tgt Ion: 95 Resp: 33145
Ion Ratio Lower Upper
95 100
174 85.7 0.0 147.4
176 81.8 0.0 142.2





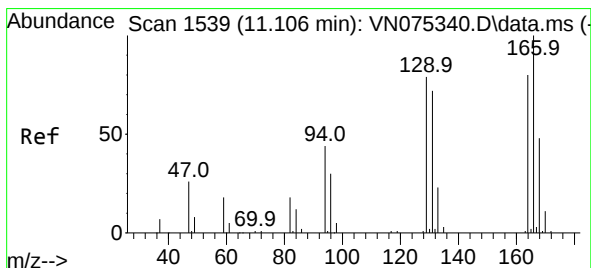
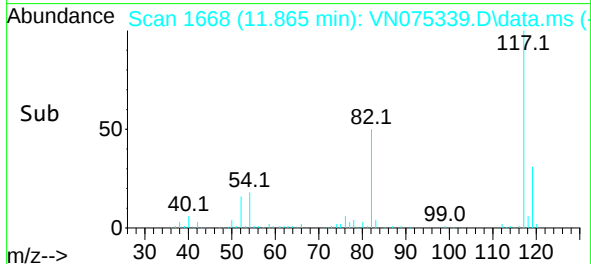
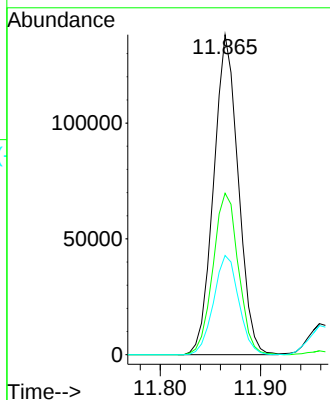
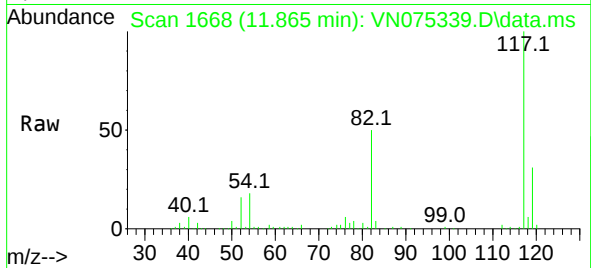
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:117 Resp: 23526
Ion Ratio Lower Upper
117 100
82 50.5 43.1 64.7
119 31.0 25.5 38.3

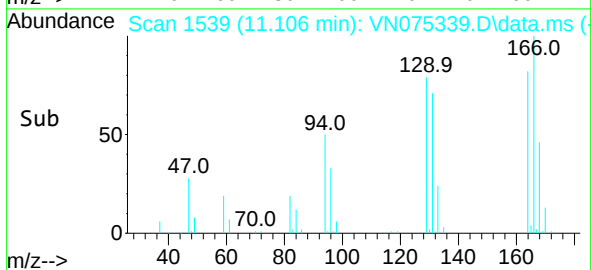
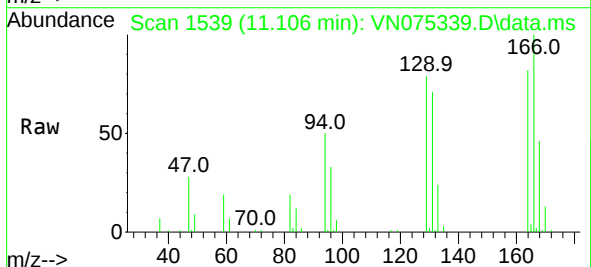
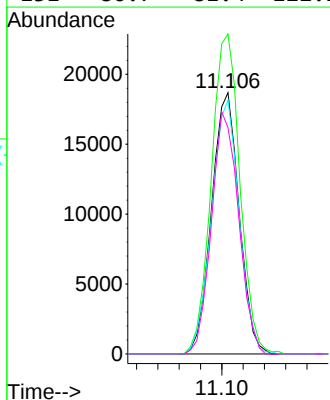
Manual Integrations
APPROVED

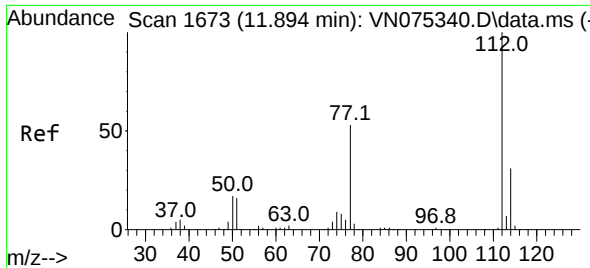
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#64
Tetrachloroethene
Concen: 22.378 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

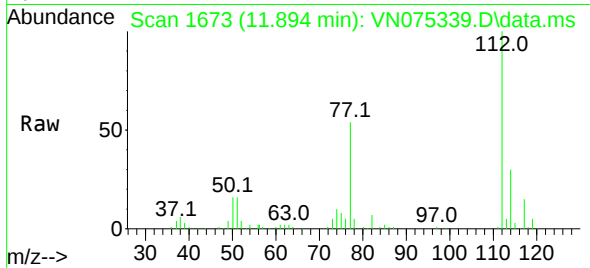
Tgt Ion:164 Resp: 33521
Ion Ratio Lower Upper
164 100
166 122.5 106.5 159.7
129 97.1 81.9 122.9
131 86.7 81.4 122.2





#65
Chlorobenzene
Concen: 18.890 ug/l
RT: 11.894 min Scan# 1184
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

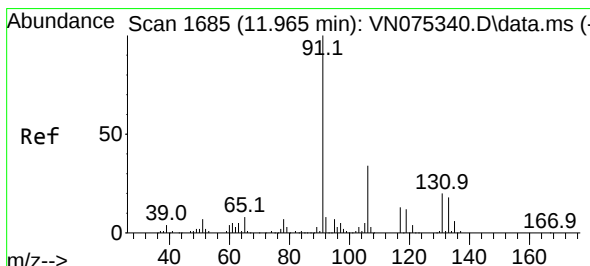
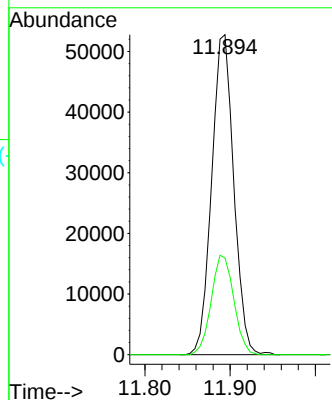
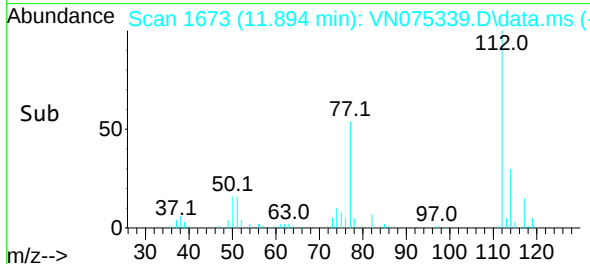
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:112 Resp: 9479
Ion Ratio Lower Upper
112 100
114 30.2 25.4 38.2

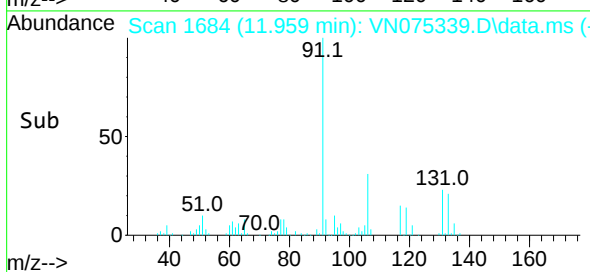
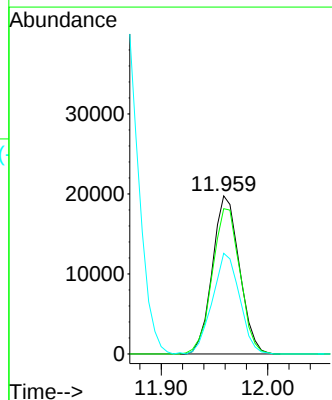
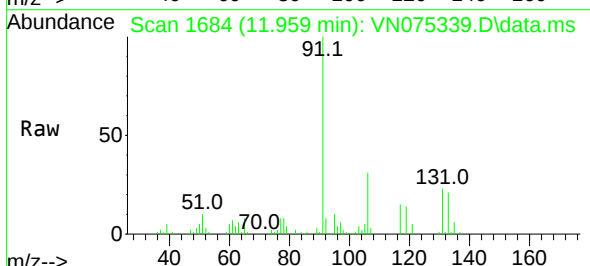
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 18.687 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

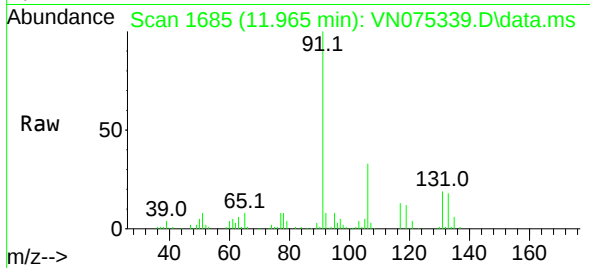
Tgt Ion:131 Resp: 34842
Ion Ratio Lower Upper
131 100
133 94.2 47.8 143.4
119 64.1 33.0 99.0





#67
Ethyl Benzene
Concen: 18.215 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

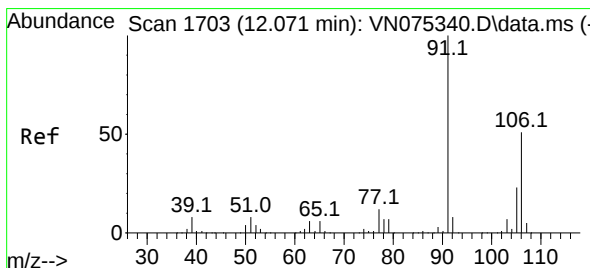
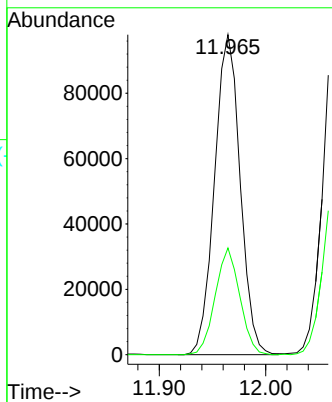
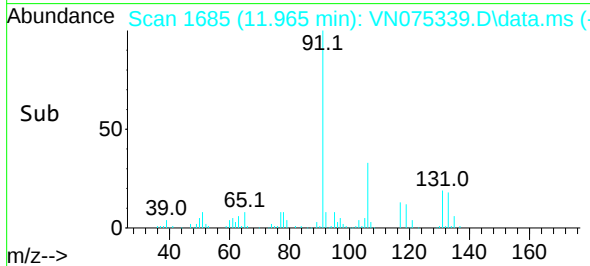
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



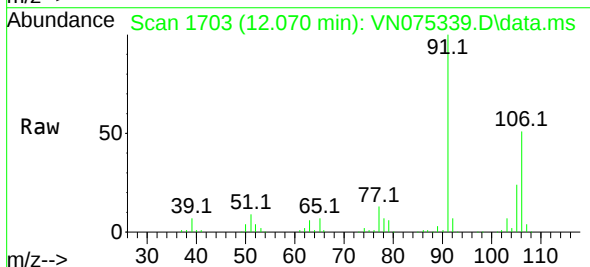
Tgt Ion: 91 Resp: 163260
Ion Ratio Lower Upper
91 100
106 33.4 24.9 37.3

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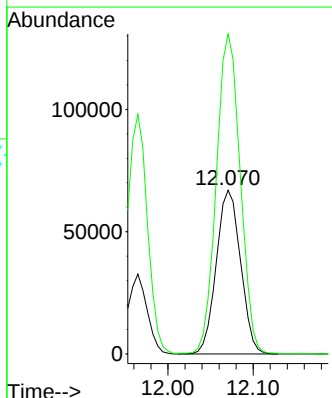
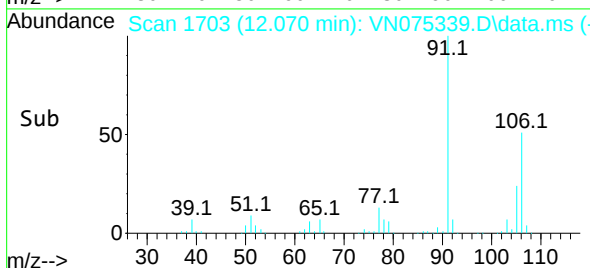
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

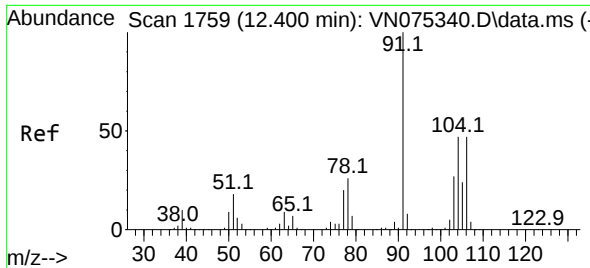


#68
m/p-Xylenes
Concen: 37.023 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17



Tgt Ion:106 Resp: 132482
Ion Ratio Lower Upper
106 100
91 192.8 156.0 234.0





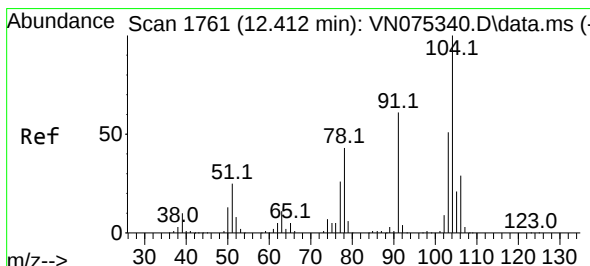
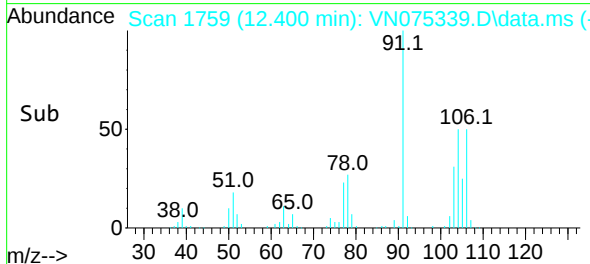
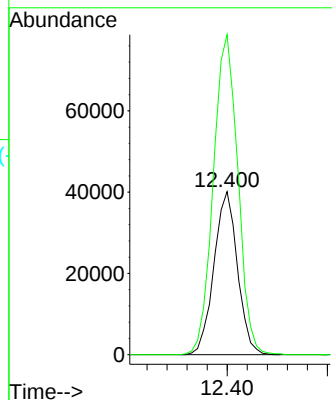
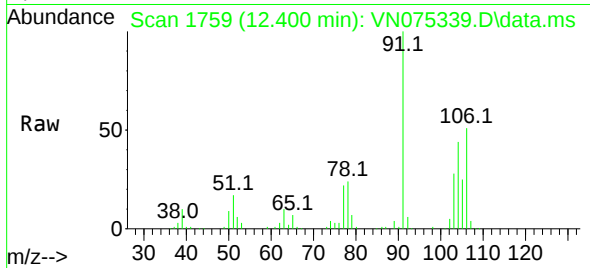
#69
o-Xylene
Concen: 18.432 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 6532
Ion Ratio Lower Upper
106 100
91 205.2 105.2 315.5

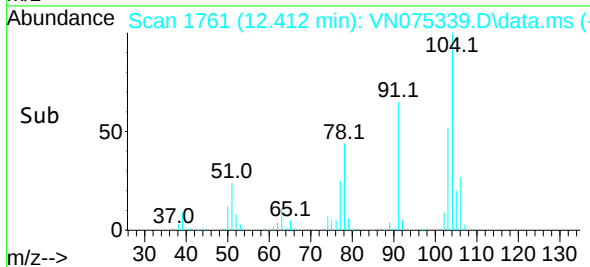
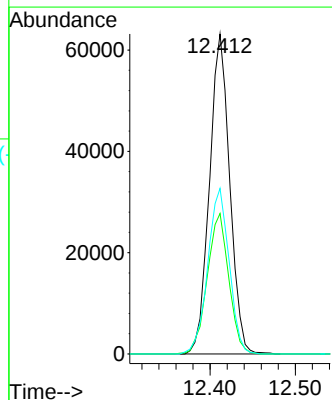
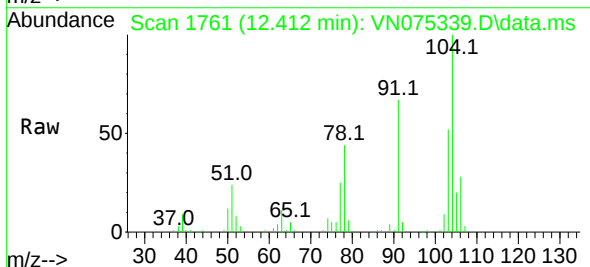
Manual Integrations
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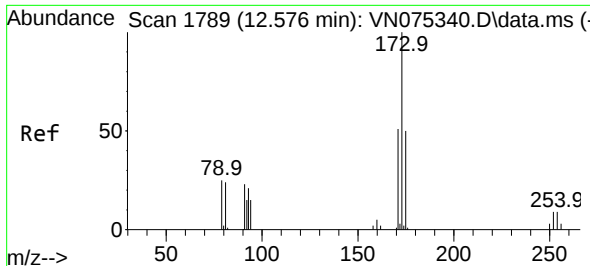
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#70
Styrene
Concen: 18.403 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

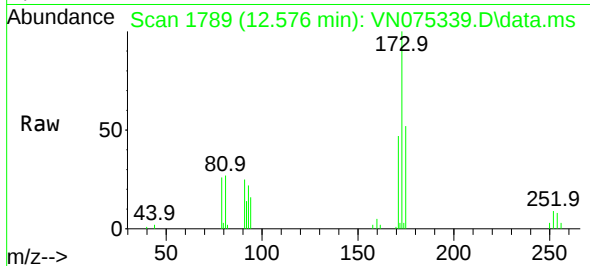
Tgt Ion:104 Resp: 104336
Ion Ratio Lower Upper
104 100
78 46.8 38.1 57.1
103 54.5 44.6 66.8





#71
Bromoform
Concen: 19.042 ug/l
RT: 12.576 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

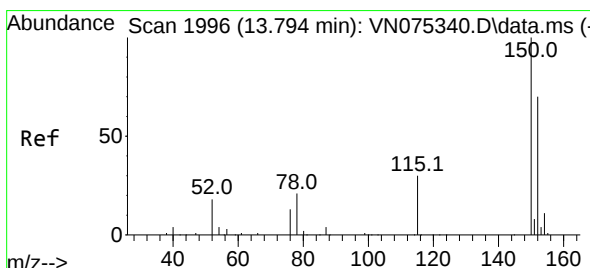
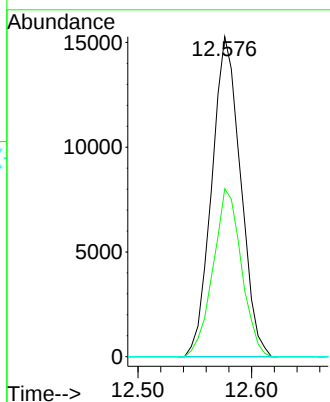
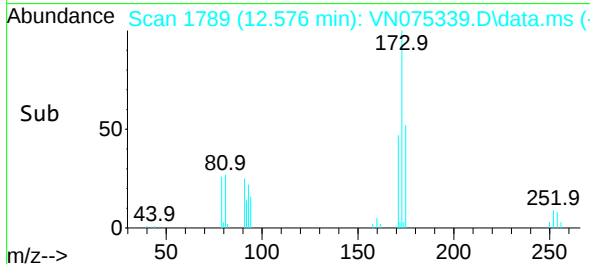
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



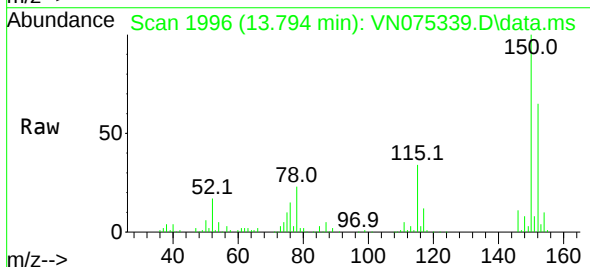
Tgt Ion:173 Resp: 26890
Ion Ratio Lower Upper
173 100
175 51.6 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
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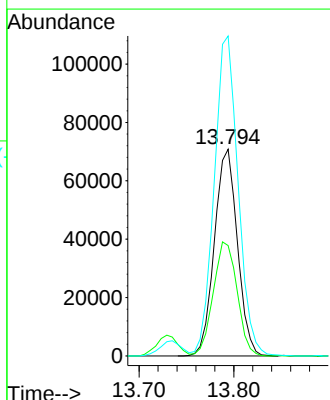
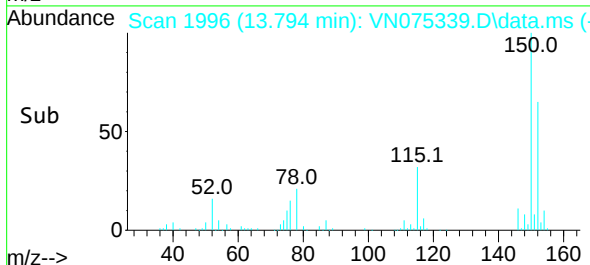
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

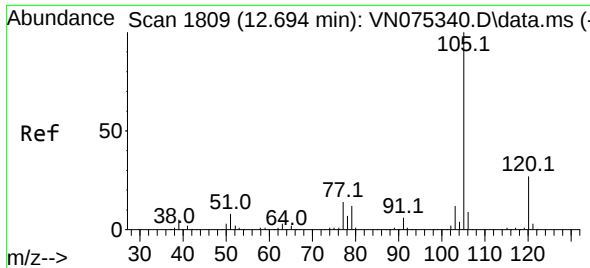


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17



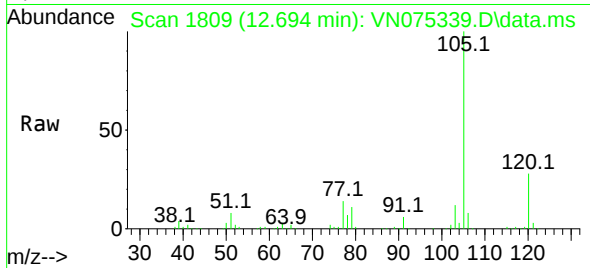
Tgt Ion:152 Resp: 119481
Ion Ratio Lower Upper
152 100
115 57.3 30.2 90.6
150 160.8 0.0 348.4





#73
Isopropylbenzene
Concen: 17.538 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

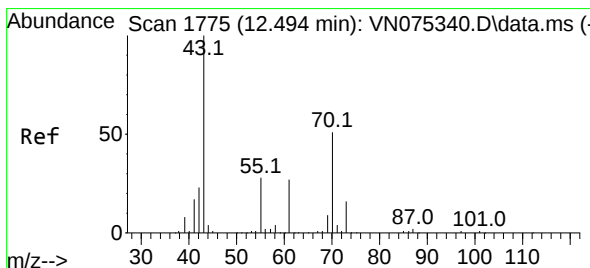
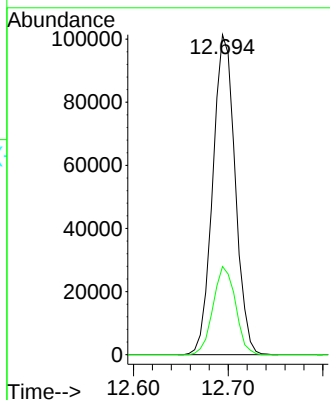
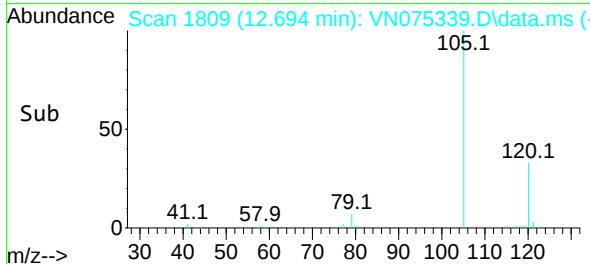
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



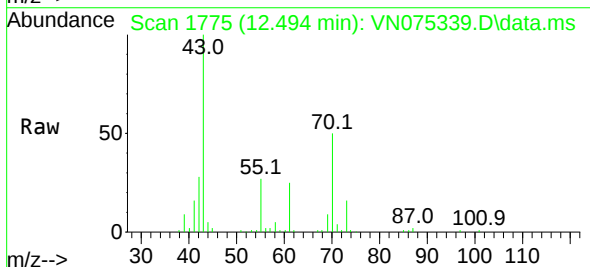
Tgt Ion:105 Resp: 166302
Ion Ratio Lower Upper
105 100
120 27.6 13.1 39.1

Manual Integrations
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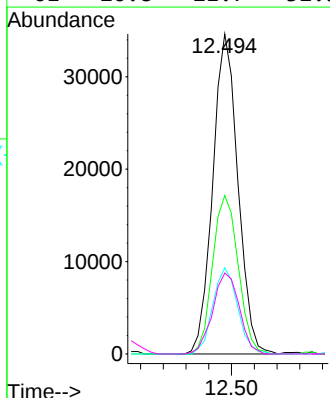
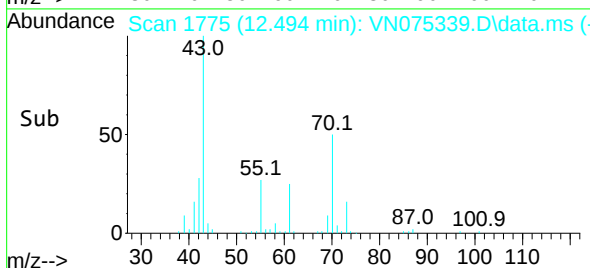
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

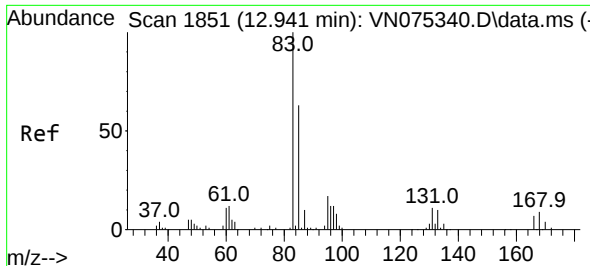


#74
N-ethyl acetate
Concen: 15.419 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17



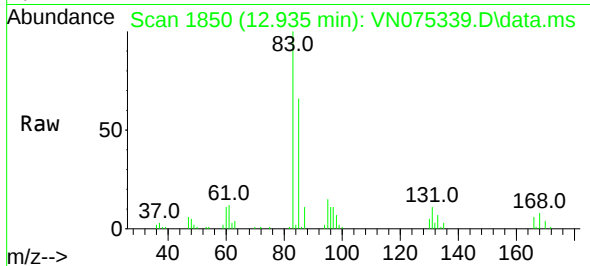
Tgt Ion: 43 Resp: 53271
Ion Ratio Lower Upper
43 100
70 50.4 39.8 59.8
55 26.6 19.9 29.9
61 26.8 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 17.362 ug/l
RT: 12.935 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

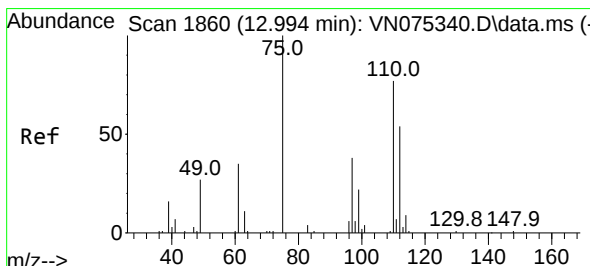
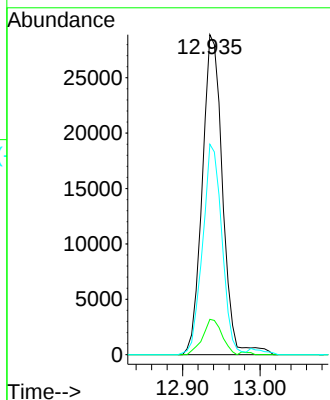
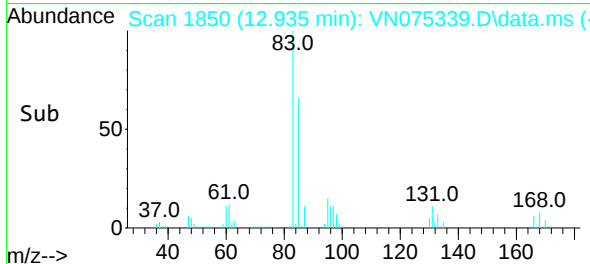
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



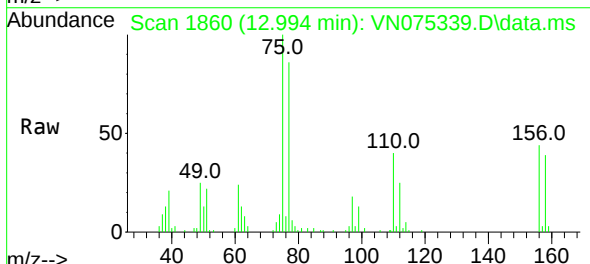
Tgt Ion: 83 Resp: 5238
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 62.8 31.6 94.7

Manual Integrations
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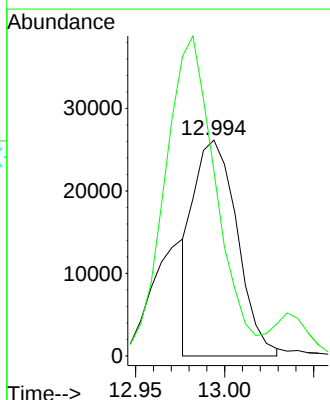
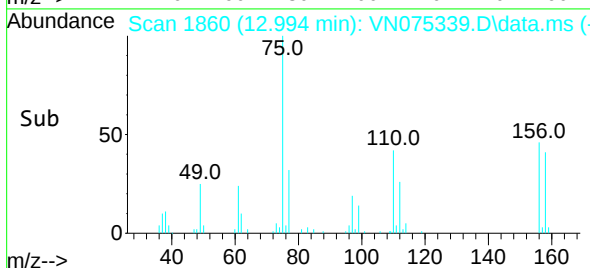
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

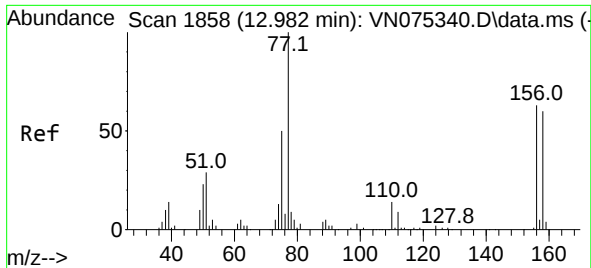


#76
1,2,3-Trichloropropane
Concen: 17.952 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17



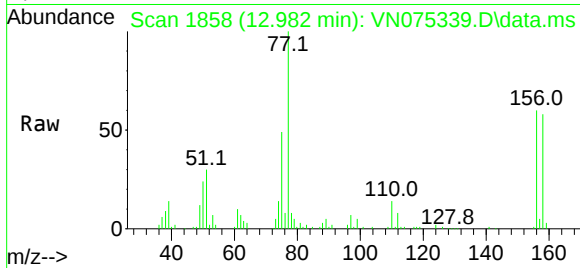
Tgt Ion: 75 Resp: 44307
Ion Ratio Lower Upper
75 100
77 173.6 75.6 226.8





#77
Bromobenzene
Concen: 19.335 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

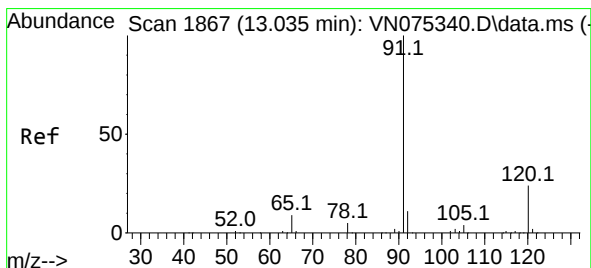
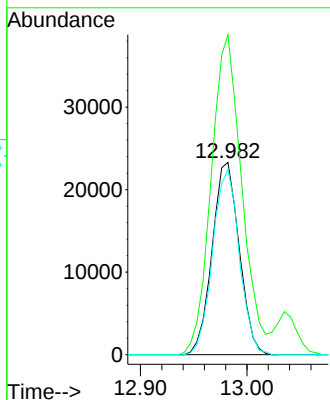
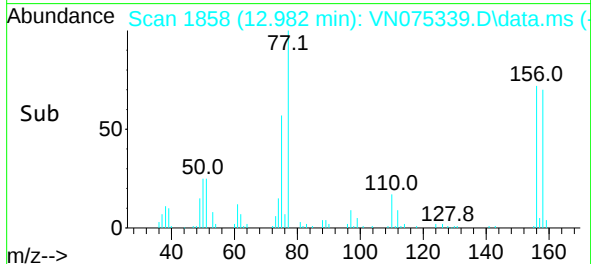
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



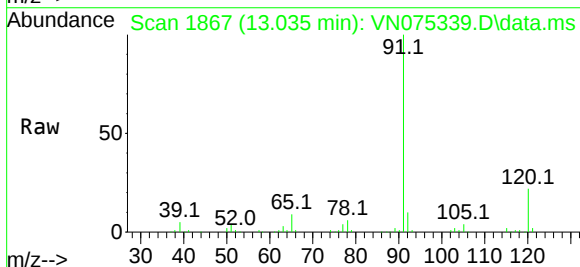
Tgt Ion:156 Resp: 4116
Ion Ratio Lower Upper
156 100
77 186.8 108.5 325.5
158 94.7 47.7 143.1

Manual Integrations
APPROVED

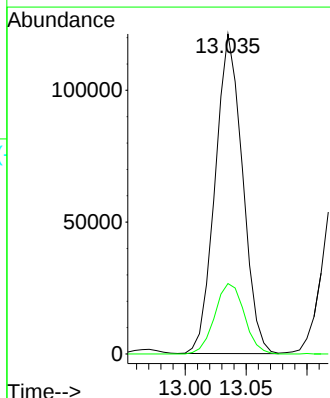
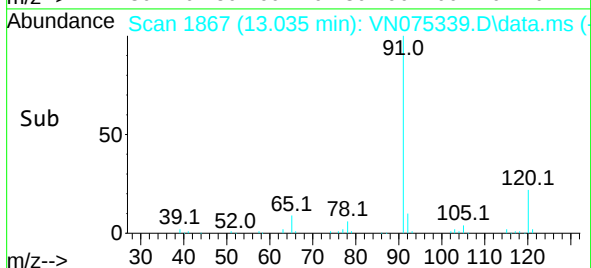
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

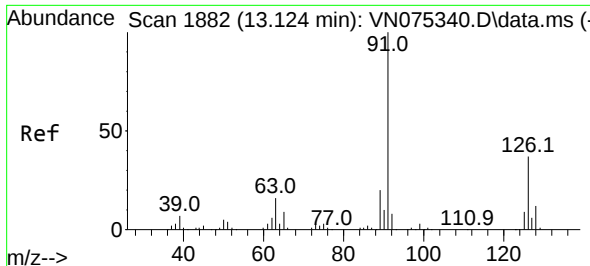


#78
n-propylbenzene
Concen: 17.789 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17



Tgt Ion: 91 Resp: 189671
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





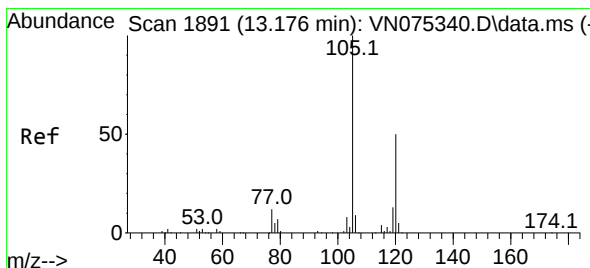
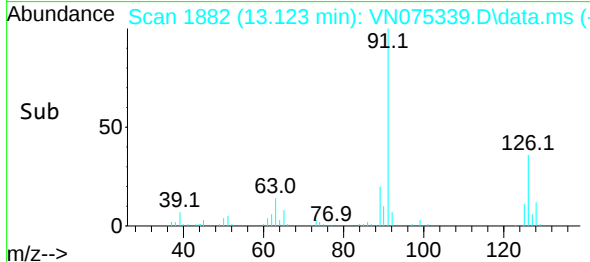
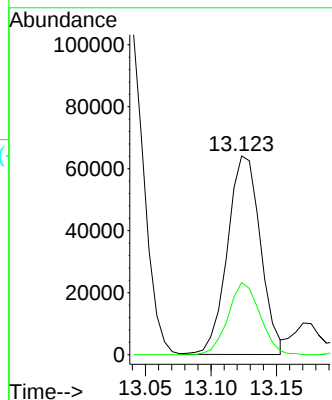
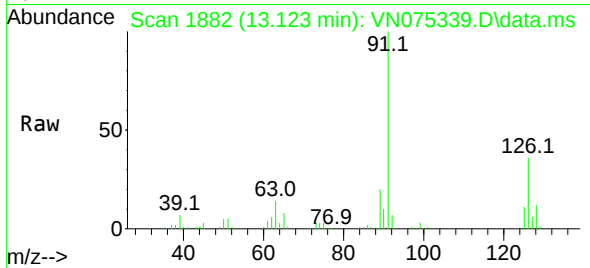
#79
2-Chlorotoluene
Concen: 17.310 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 112210
Ion Ratio Lower Upper
91 100
126 35.0 16.9 50.7

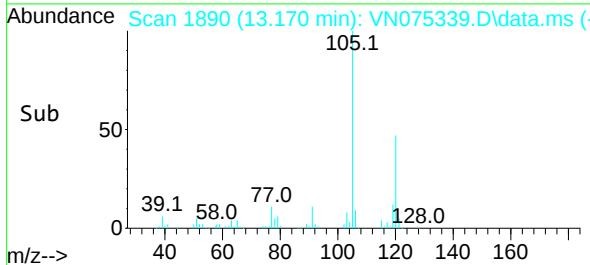
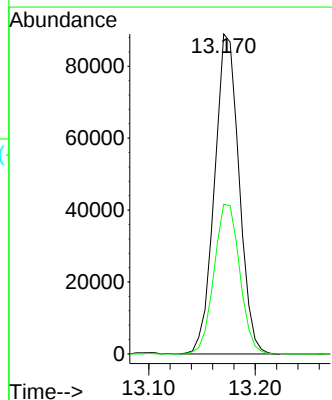
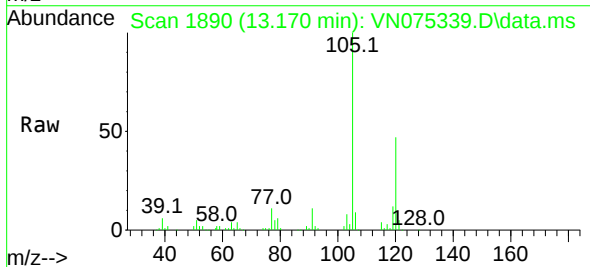
Manual Integrations
APPROVED

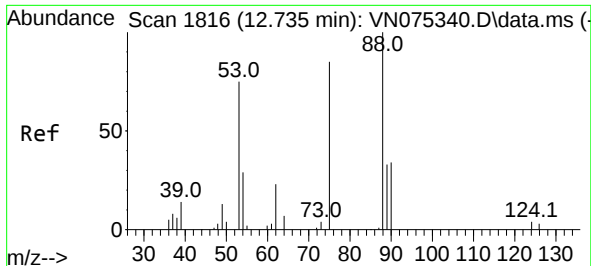
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#80
1,3,5-Trimethylbenzene
Concen: 17.872 ug/l
RT: 13.170 min Scan# 1890
Delta R.T. -0.006 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

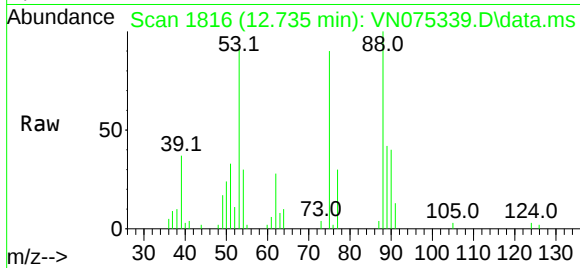
Tgt Ion:105 Resp: 142306
Ion Ratio Lower Upper
105 100
120 48.9 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 15.555 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

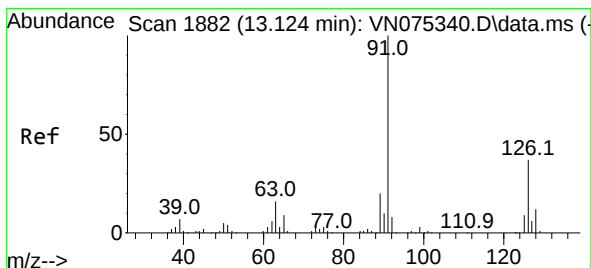
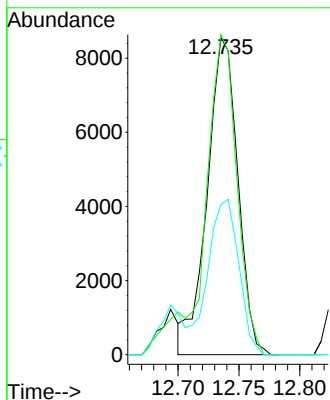
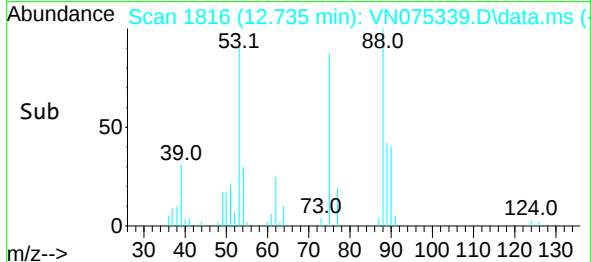
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



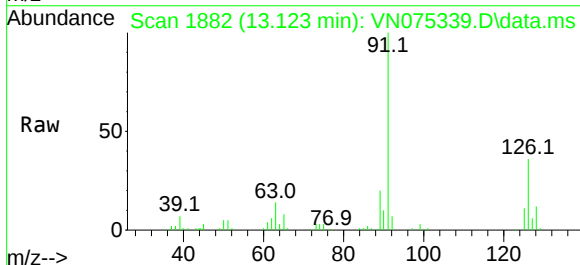
Tgt Ion: 75 Resp: 14954
Ion Ratio Lower Upper
75 100
53 106.8 78.5 117.7
89 50.0 37.7 56.5

Manual Integrations
APPROVED

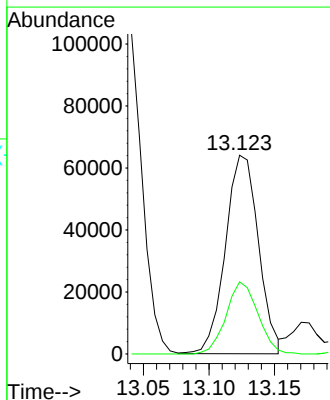
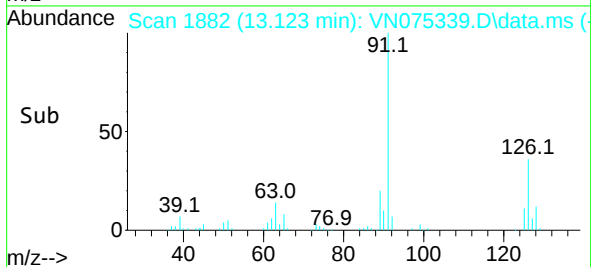
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

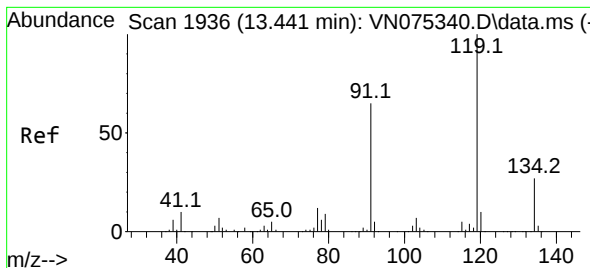


#82
4-Chlorotoluene
Concen: 17.310 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17



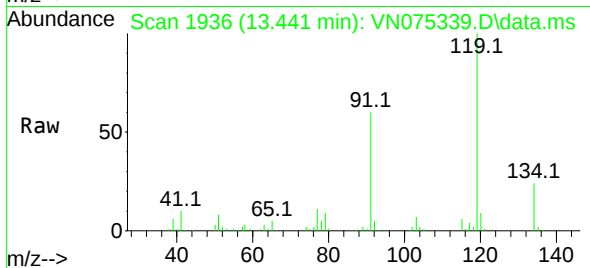
Tgt Ion: 91 Resp: 112210
Ion Ratio Lower Upper
91 100
126 35.0 16.9 50.7





#83
tert-Butylbenzene
Concen: 17.635 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

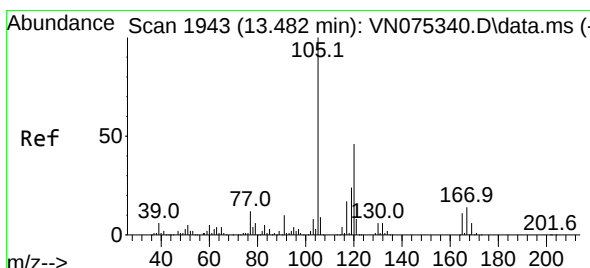
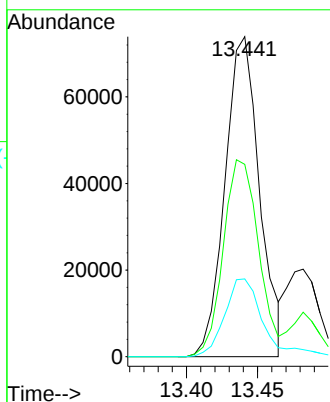
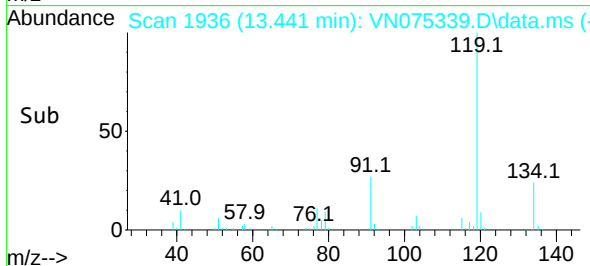
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



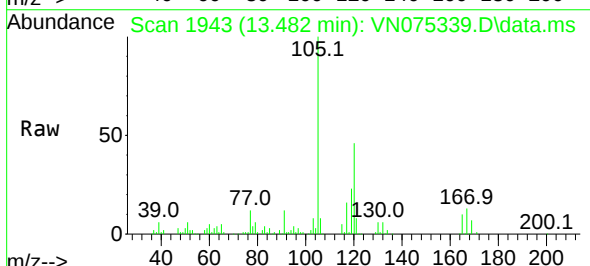
Tgt Ion:119 Resp: 125150
Ion Ratio Lower Upper
119 100
91 62.7 32.8 98.4
134 27.1 12.3 36.9

Manual Integrations
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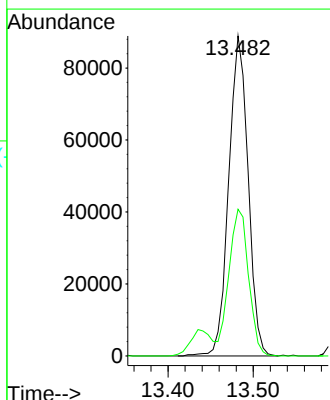
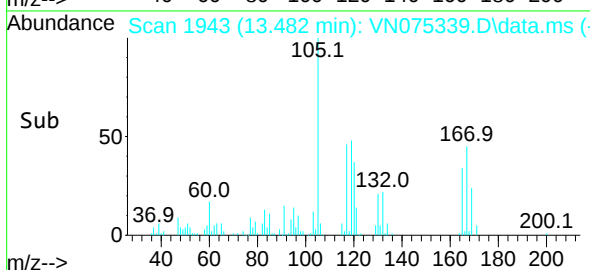
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

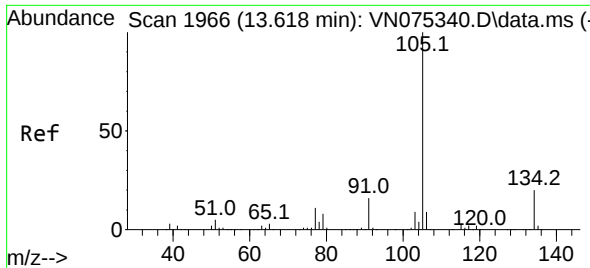


#84
1,2,4-Trimethylbenzene
Concen: 17.447 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17



Tgt Ion:105 Resp: 140369
Ion Ratio Lower Upper
105 100
120 46.2 22.7 68.1





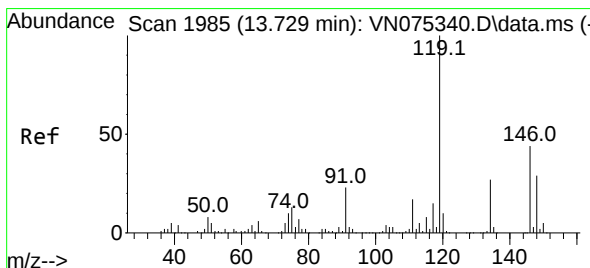
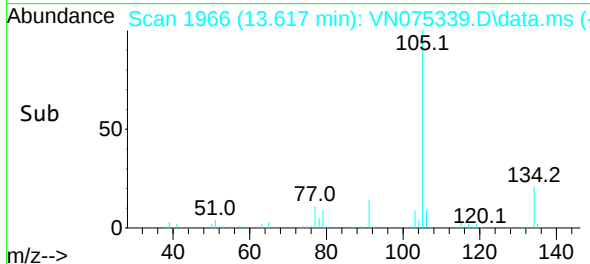
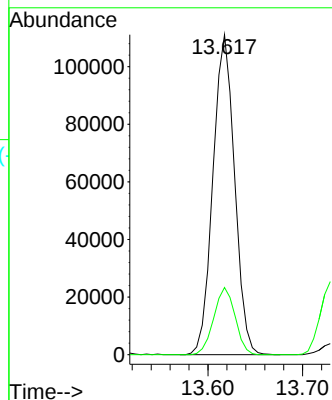
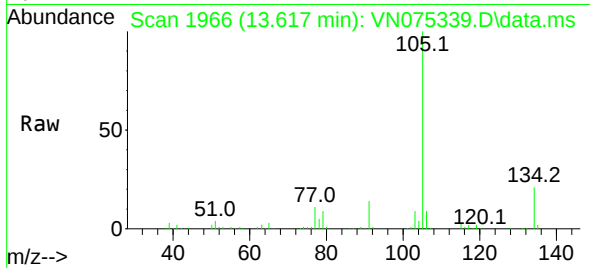
#85
 sec-Butylbenzene
 Concen: 17.835 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075339.D
 Acq: 21 Nov 2022 12:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 17671
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6

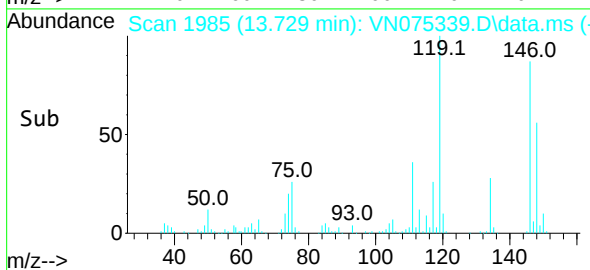
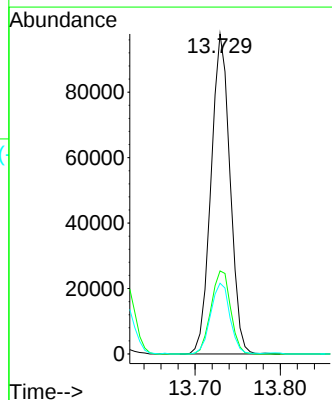
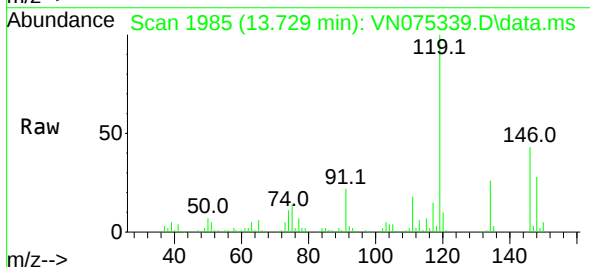
Manual Integrations
 APPROVED

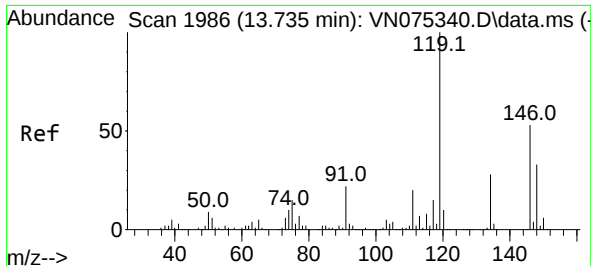
Reviewed By :John Carlone 11/22/2022
 Supervised By :Mahesh Dadoda 11/23/2022



#86
 p-Isopropyltoluene
 Concen: 18.462 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN075339.D
 Acq: 21 Nov 2022 12:17

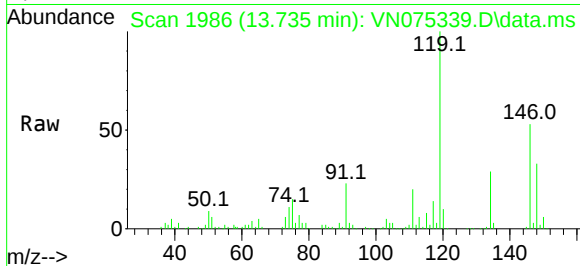
Tgt Ion:119 Resp: 151388
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 22.5 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 18.819 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

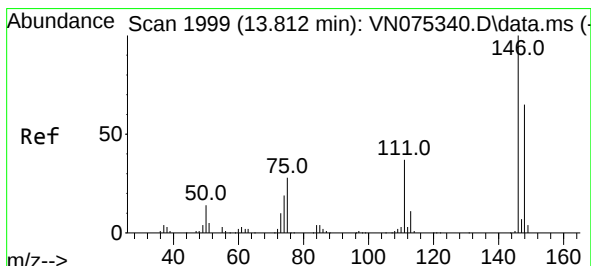
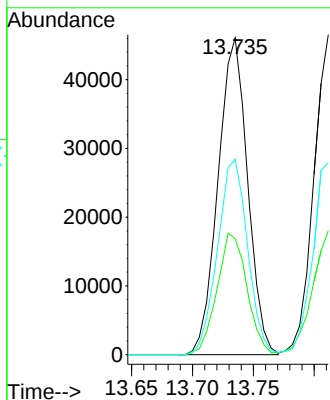
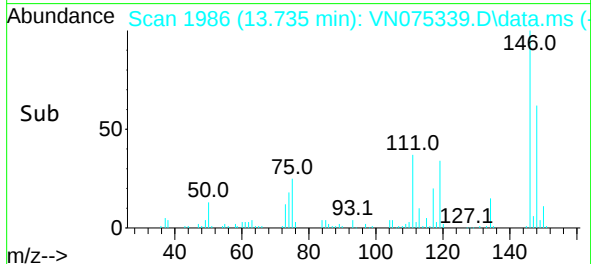
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



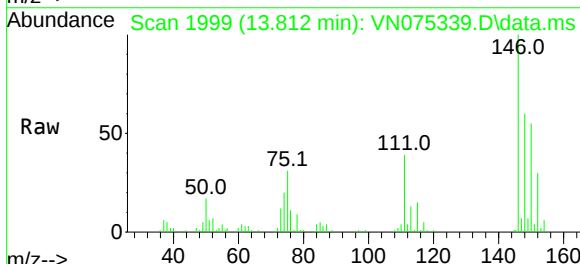
Tgt Ion:146 Resp: 77829
Ion Ratio Lower Upper
146 100
111 38.9 20.8 62.5
148 62.8 31.1 93.5

Manual Integrations
APPROVED

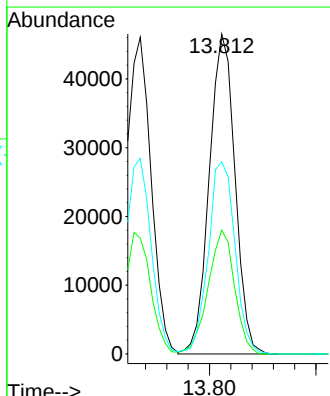
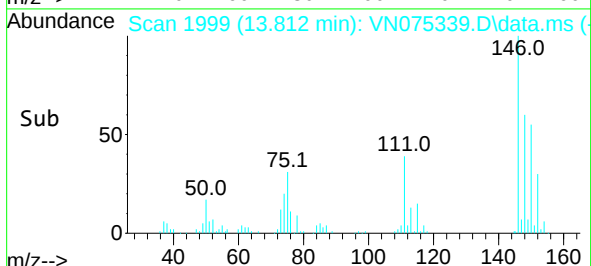
Reviewed By :John Carbone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

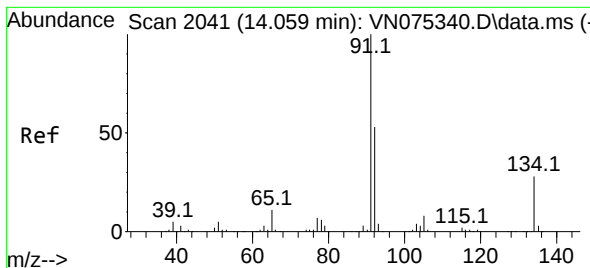


#88
1,4-Dichlorobenzene
Concen: 19.049 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17



Tgt Ion:146 Resp: 78022
Ion Ratio Lower Upper
146 100
111 39.8 20.1 60.3
148 62.6 31.9 95.7





#89

n-Butylbenzene

Concen: 18.625 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075339.D

Acq: 21 Nov 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 123400

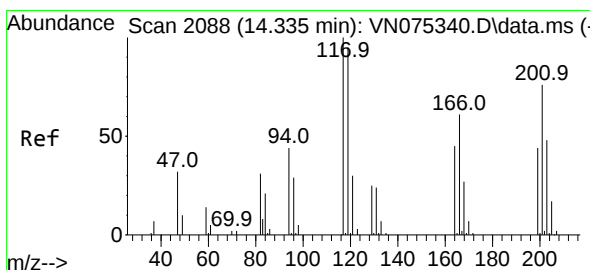
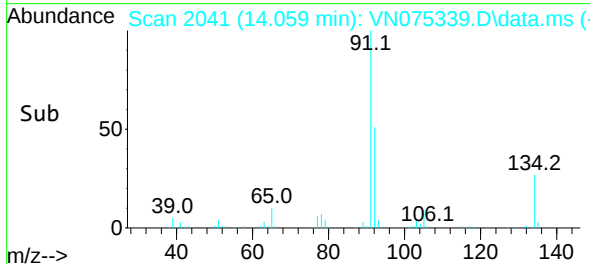
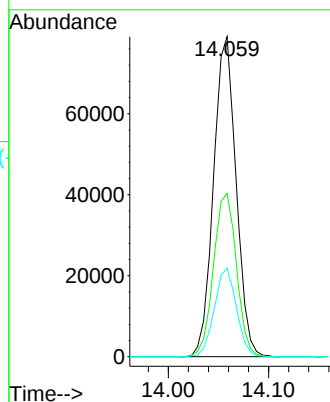
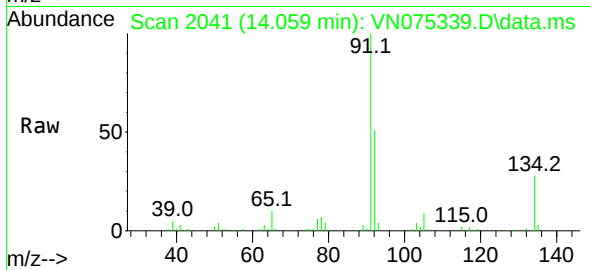
Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.5	79.4
134	27.1	13.0	39.0

Manual Integrations

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Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#90

Hexachloroethane

Concen: 16.736 ug/l

RT: 14.329 min Scan# 2087

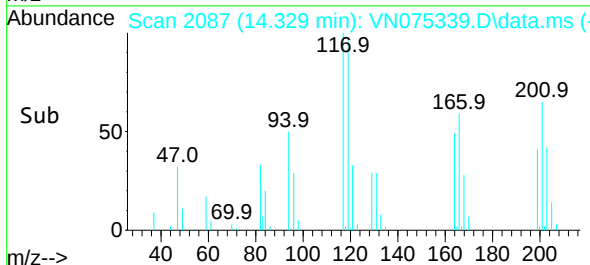
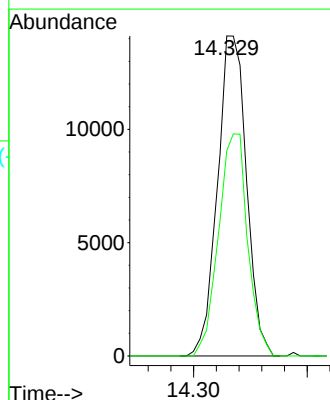
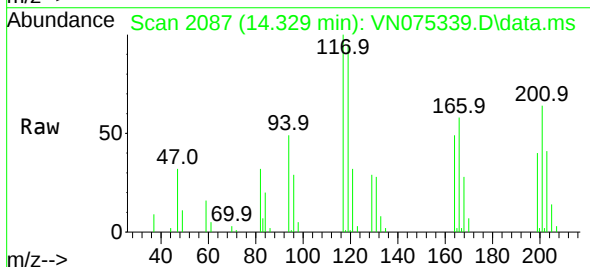
Delta R.T. -0.006 min

Lab File: VN075339.D

Acq: 21 Nov 2022 12:17

Tgt Ion: 117 Resp: 25058

Ion	Ratio	Lower	Upper
117	100		
201	69.6	31.5	94.5





#91

1,2-Dichlorobenzene

Concen: 18.694 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN075339.D

Acq: 21 Nov 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

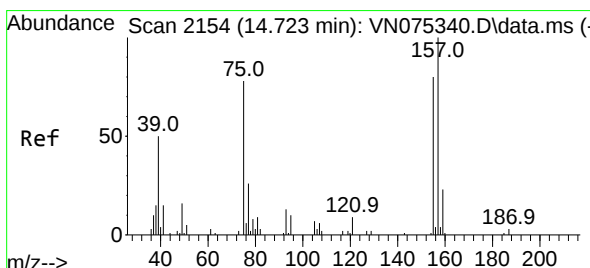
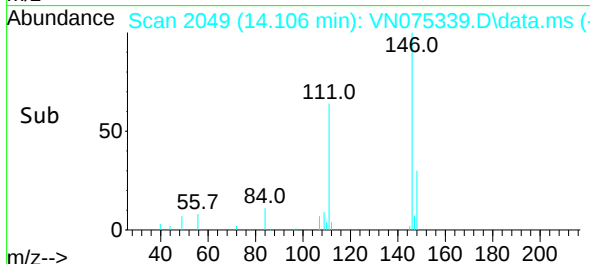
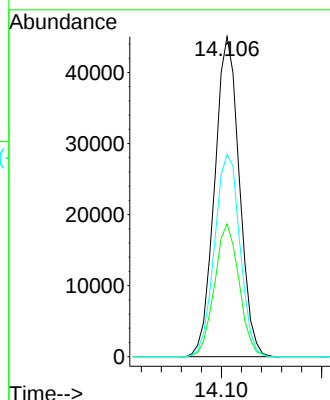
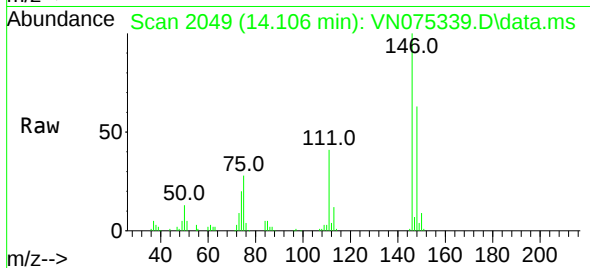
Tgt Ion:	146	Resp:	76970
Ion Ratio	Lower	Upper	
146	100		
111	41.2	21.3	63.9
148	64.9	31.4	94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.073 ug/l

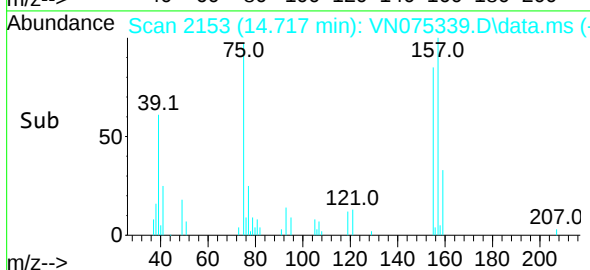
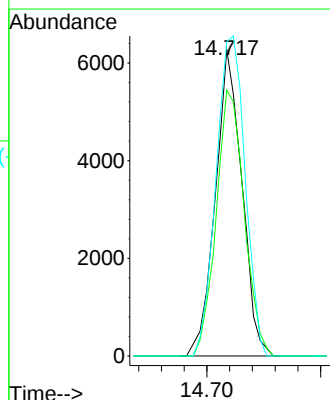
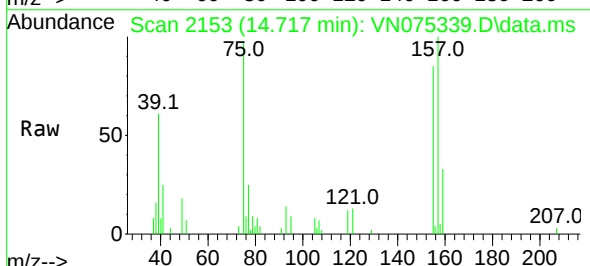
RT: 14.717 min Scan# 2153

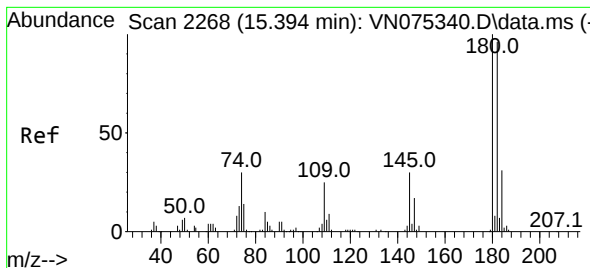
Delta R.T. -0.006 min

Lab File: VN075339.D

Acq: 21 Nov 2022 12:17

Tgt Ion:	75	Resp:	10143
Ion Ratio	Lower	Upper	
75	100		
155	91.7	42.1	126.3
157	114.3	51.7	155.1





#93

1,2,4-Trichlorobenzene

Concen: 20.410 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075339.D

Acq: 21 Nov 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

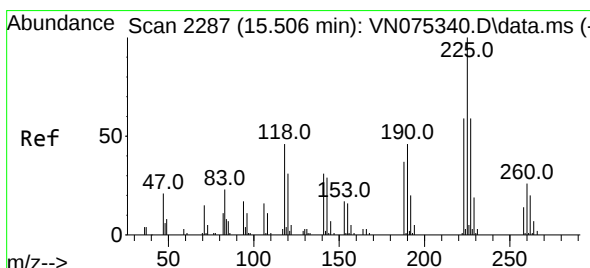
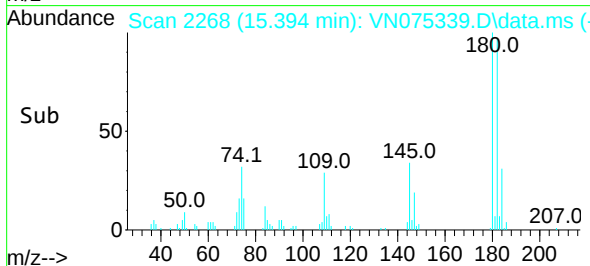
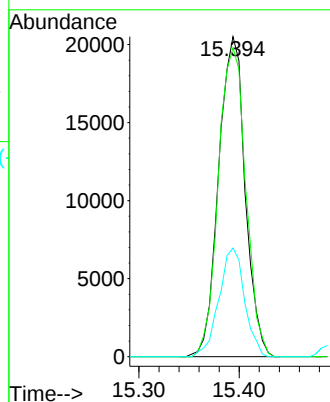
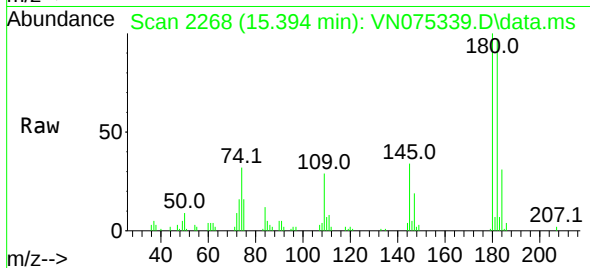
Tgt Ion:180	Resp:	3757
Ion Ratio	Lower	Upper
180	100	
182	100.1	47.8 143.4
145	32.9	16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#94

Hexachlorobutadiene

Concen: 21.424 ug/l

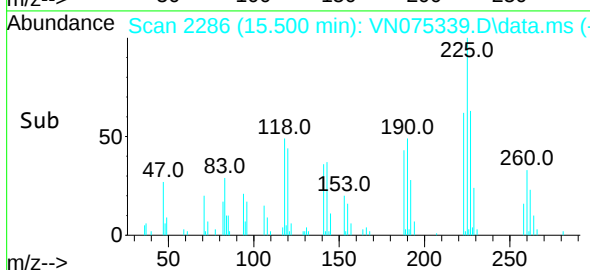
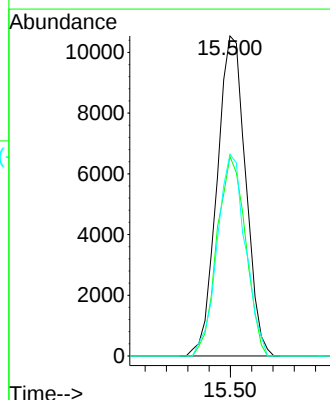
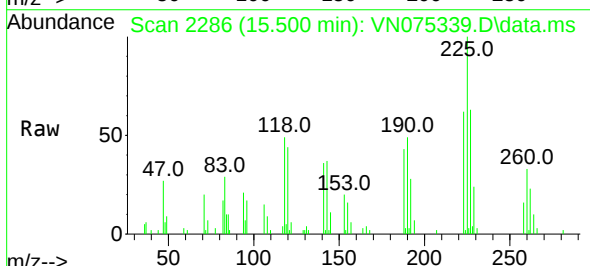
RT: 15.500 min Scan# 2286

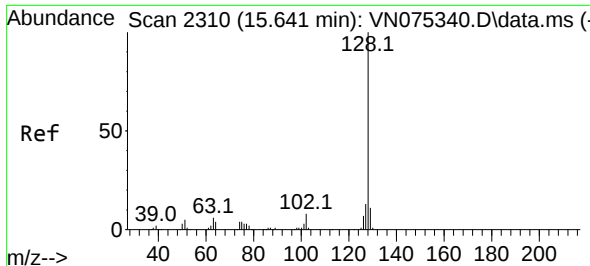
Delta R.T. -0.006 min

Lab File: VN075339.D

Acq: 21 Nov 2022 12:17

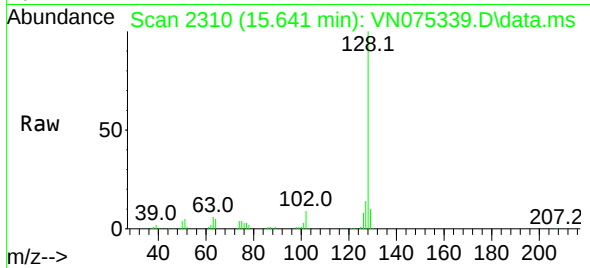
Tgt Ion:225	Resp:	19629
Ion Ratio	Lower	Upper
225	100	
223	62.2	32.3 96.9
227	62.3	32.0 96.2





#95
Naphthalene
Concen: 18.307 ug/l
RT: 15.641 min Scan# 212
Delta R.T. -0.000 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

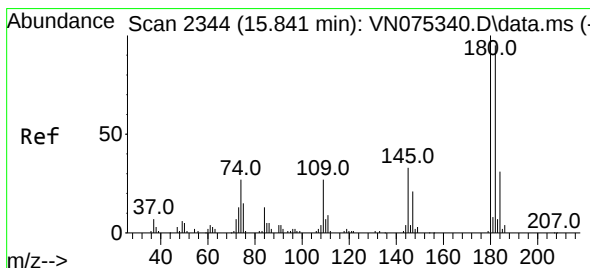
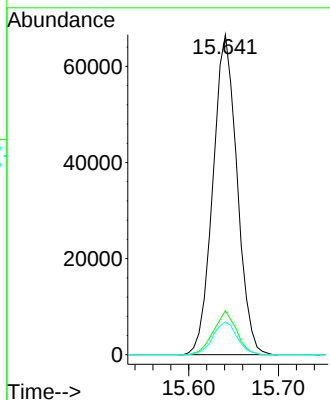
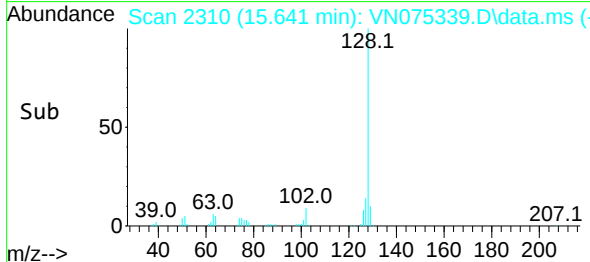
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:128 Resp: 124400
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.2 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.192 ug/l
RT: 15.835 min Scan# 2343
Delta R.T. -0.006 min
Lab File: VN075339.D
Acq: 21 Nov 2022 12:17

Tgt Ion:180 Resp: 36696
Ion Ratio Lower Upper
180 100
182 95.2 47.3 141.8
145 34.9 17.6 52.9

