

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110322\
 Data File : VN075139.D
 Acq On : 03 Nov 2022 13:01
 Operator : JC\MD
 Sample : VN1103WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1103WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/04/2022
 Supervised By : Mahesh Dadoda 11/04/2022

Quant Time: Nov 04 04:09:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	91817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	174843	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	160715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	75350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	71715	57.969	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.940%			
35) Dibromofluoromethane	8.177	113	57611	56.128	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.260%			
50) Toluene-d8	10.571	98	220553	55.384	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.760%			
62) 4-Bromofluorobenzene	12.853	95	77378	55.314	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	22912	19.182	ug/l	99
3) Chloromethane	2.371	50	26444	20.843	ug/l	99
4) Vinyl Chloride	2.524	62	35539	19.636	ug/l	92
5) Bromomethane	2.942	94	30146	20.390	ug/l	99
6) Chloroethane	3.112	64	27205	20.962	ug/l	98
7) Trichlorofluoromethane	3.501	101	38151	20.634	ug/l	94
8) Diethyl Ether	3.977	74	13048	19.348	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	21731	21.283	ug/l	99
10) Methyl Iodide	4.595	142	29798	19.603	ug/l	99
11) Tert butyl alcohol	5.542	59	29813	103.337	ug/l	98
12) 1,1-Dichloroethene	4.353	96	19238	19.766	ug/l	93
13) Acrolein	4.189	56	22065	93.504	ug/l	100
14) Allyl chloride	5.030	41	29381	20.669	ug/l	98
15) Acrylonitrile	5.736	53	67685	111.061	ug/l	98
16) Acetone	4.442	43	60888	116.236	ug/l	95
17) Carbon Disulfide	4.724	76	45182	18.460	ug/l	99
18) Methyl Acetate	5.042	43	39910	23.325	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	73697	20.373	ug/l	99
20) Methylene Chloride	5.289	84	24393	20.885	ug/l	92
21) trans-1,2-Dichloroethene	5.795	96	21221	19.914	ug/l	94
22) Diisopropyl ether	6.683	45	65406	20.850	ug/l	95
23) Vinyl Acetate	6.618	43	263628m	100.639	ug/l	
24) 1,1-Dichloroethane	6.577	63	41052	20.692	ug/l	98
25) 2-Butanone	7.489	43	92091	111.770	ug/l	96
26) 2,2-Dichloropropane	7.500	77	36880	20.206	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	25241	19.834	ug/l	98
28) Bromochloromethane	7.818	49	18115	21.660	ug/l	98
29) Tetrahydrofuran	7.847	42	59112	111.026	ug/l	97
30) Chloroform	7.977	83	45664	21.199	ug/l	97
31) Cyclohexane	8.259	56	36275	19.715	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	41100	21.011	ug/l	98
36) 1,1-Dichloropropene	8.377	75	31737	19.972	ug/l	96
37) Ethyl Acetate	7.571	43	35249	20.227	ug/l	99
38) Carbon Tetrachloride	8.365	117	34751	19.881	ug/l	91
39) Methylcyclohexane	9.600	83	37924	18.078	ug/l	98
40) Benzene	8.612	78	97631	20.066	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	17204	20.605	ug/l	95
42) 1,2-Dichloroethane	8.671	62	35516	20.064	ug/l	99
43) Isopropyl Acetate	8.694	43	54791	20.269	ug/l	100
44) Trichloroethene	9.359	130	24826	20.338	ug/l	91
45) 1,2-Dichloropropane	9.624	63	24571	21.220	ug/l	95
46) Dibromomethane	9.712	93	18594	20.612	ug/l	94
47) Bromodichloromethane	9.894	83	35085	20.084	ug/l	99
48) Methyl methacrylate	9.688	41	25306	20.408	ug/l	97
49) 1,4-Dioxane	9.700	88	13794	424.818	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	184893	105.994	ug/l	99
52) Toluene	10.635	92	65100	20.016	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	36682	19.894	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	38381	19.625	ug/l	94
55) 1,1,2-Trichloroethane	11.024	97	25942	20.116	ug/l	96
56) Ethyl methacrylate	10.877	69	37268	18.945	ug/l	96
57) 1,3-Dichloropropane	11.165	76	44580	20.758	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	70540	92.755	ug/l	99
59) 2-Hexanone	11.200	43	140803	106.354	ug/l	99
60) Dibromochloromethane	11.365	129	27183	19.979	ug/l	98
61) 1,2-Dibromoethane	11.471	107	26604	20.130	ug/l	100
64) Tetrachloroethene	11.106	164	21829	22.154	ug/l	97
65) Chlorobenzene	11.894	112	67509	19.679	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	25195	19.798	ug/l	98
67) Ethyl Benzene	11.965	91	124486	20.170	ug/l	99
68) m/p-Xylenes	12.071	106	96923	39.137	ug/l	99
69) o-Xylene	12.400	106	49230	20.101	ug/l	95
70) Styrene	12.412	104	76264	19.529	ug/l	98
71) Bromoform	12.582	173	18373	19.284	ug/l #	97
73) Isopropylbenzene	12.700	105	122591	20.266	ug/l	98
74) N-amyl acetate	12.494	43	45524	20.348	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	41170	21.408	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	33186m	20.743	ug/l	
77) Bromobenzene	12.982	156	27710	20.804	ug/l	98
78) n-propylbenzene	13.035	91	141898	20.893	ug/l	100
79) 2-Chlorotoluene	13.129	91	86062	20.737	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	107247	21.108	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	11426	18.333	ug/l	95
82) 4-Chlorotoluene	13.129	91	86062	20.737	ug/l	99
83) tert-Butylbenzene	13.441	119	92733	20.540	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	107292	20.871	ug/l	98
85) sec-Butylbenzene	13.618	105	132214	20.934	ug/l	97
86) p-Isopropyltoluene	13.729	119	106818	20.479	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	52484	20.125	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	52767	20.444	ug/l	99
89) n-Butylbenzene	14.059	91	87190	20.758	ug/l	97
90) Hexachloroethane	14.335	117	18401	19.241	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	52835	20.379	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8742	21.425	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	21997	19.716	ug/l	95
94) Hexachlorobutadiene	15.506	225	11424	21.004	ug/l	93
95) Naphthalene	15.641	128	80546	18.774	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	21022	18.964	ug/l	96

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Response via : Initial Calibration

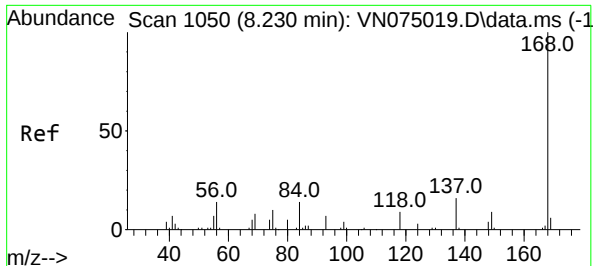
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

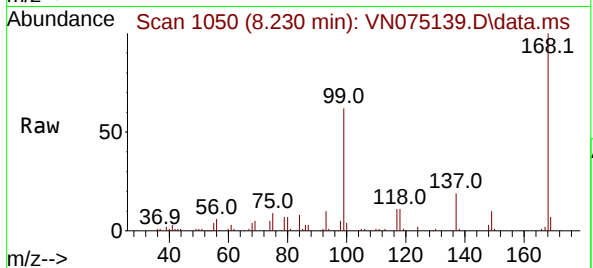
Reviewed By :John Carlone 11/04/2022
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[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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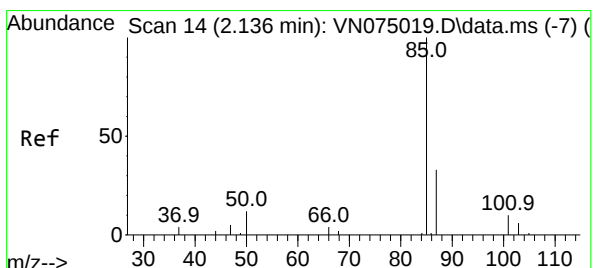
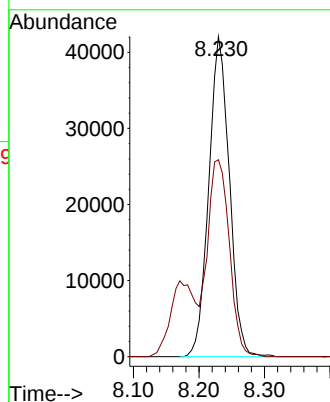
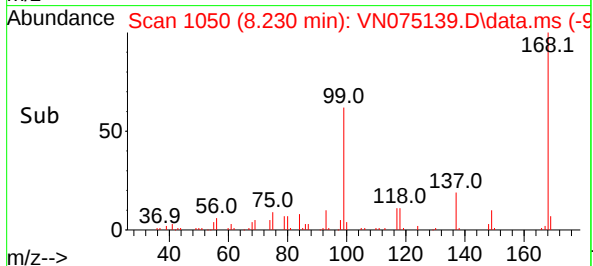
Instrument :
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Tgt Ion:168 Resp: 9181
Ion Ratio Lower Upper
168 100
99 61.6 51.6 77.4

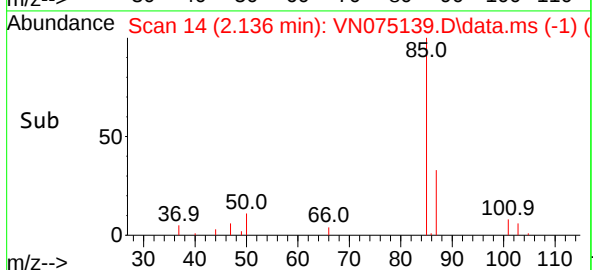
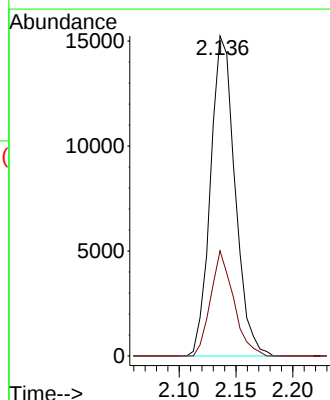
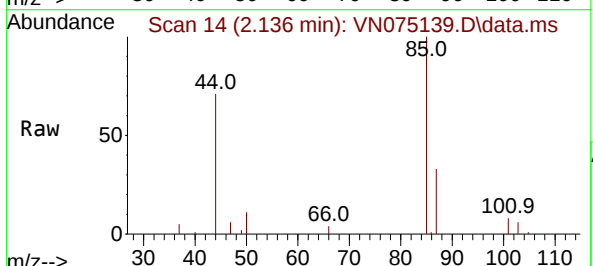
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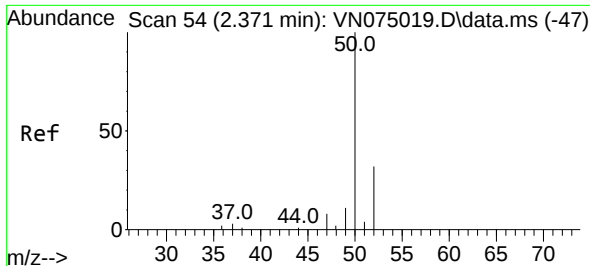
Reviewed By :John Carlone 11/04/2022
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#2
Dichlorodifluoromethane
Concen: 19.182 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

Tgt Ion: 85 Resp: 22912
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.0





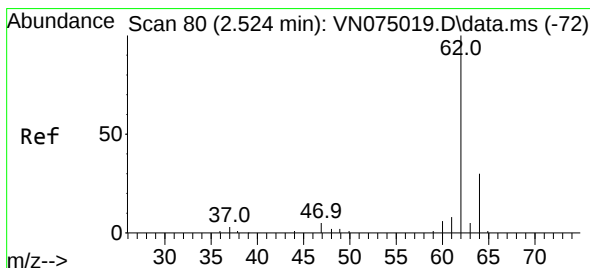
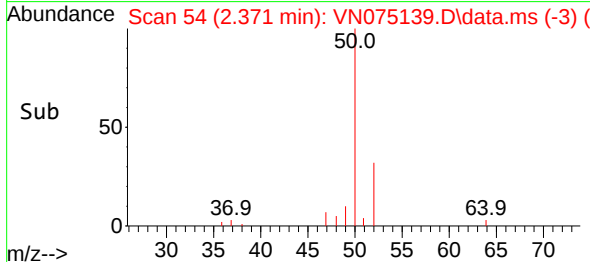
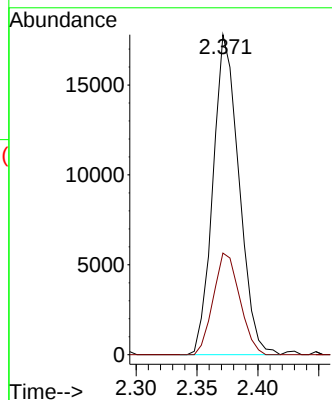
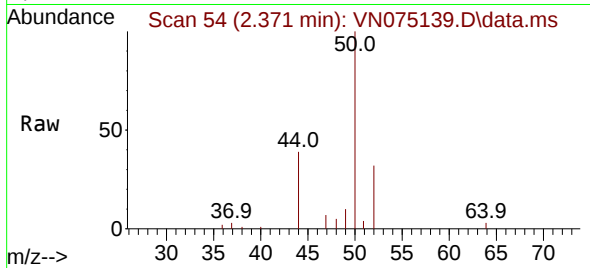
#3
Chloromethane
Concen: 20.843 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

Instrument :
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Tgt Ion: 50 Resp: 2644
Ion Ratio Lower Upper
50 100
52 31.7 25.8 38.6

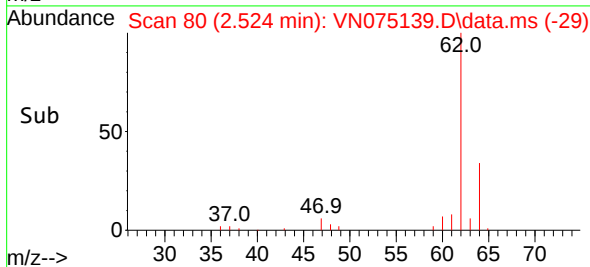
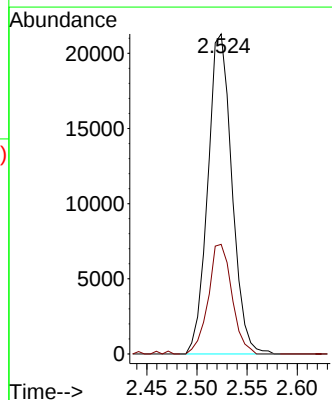
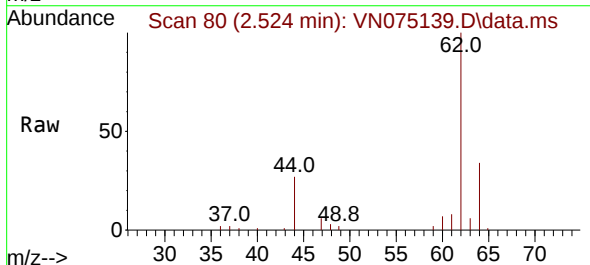
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#4
Vinyl Chloride
Concen: 19.636 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

Tgt Ion: 62 Resp: 35539
Ion Ratio Lower Upper
62 100
64 34.2 24.0 36.0





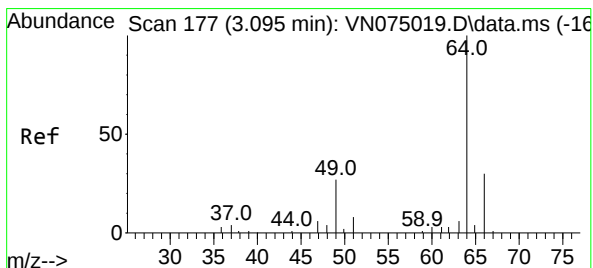
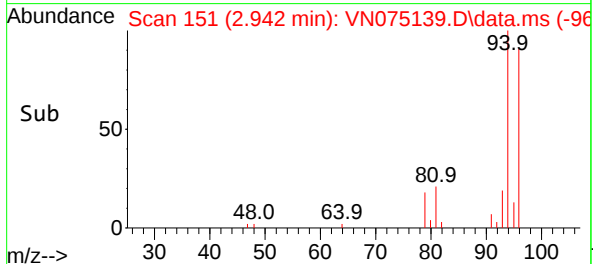
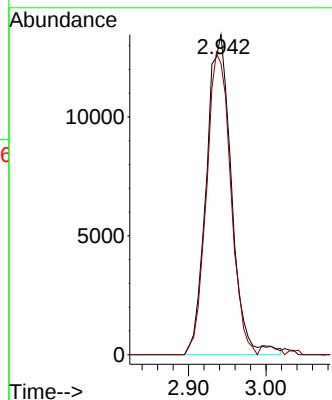
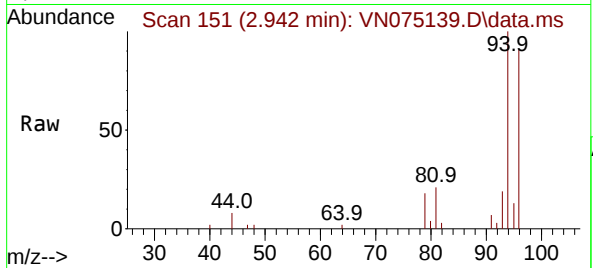
#5
Bromomethane
Concen: 20.390 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 30140
Ion Ratio Lower Upper
94 100
96 90.9 71.8 107.6

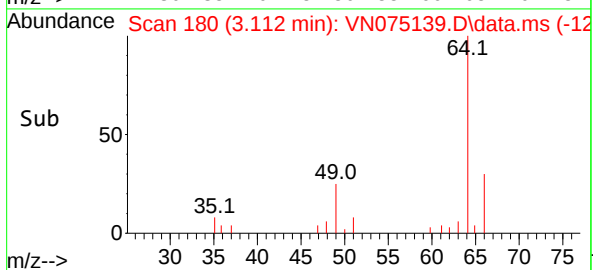
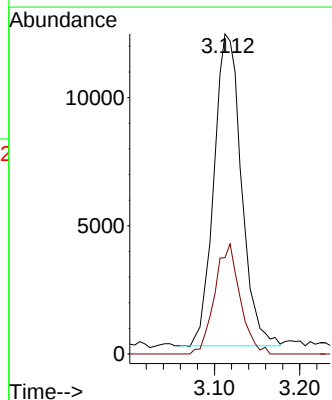
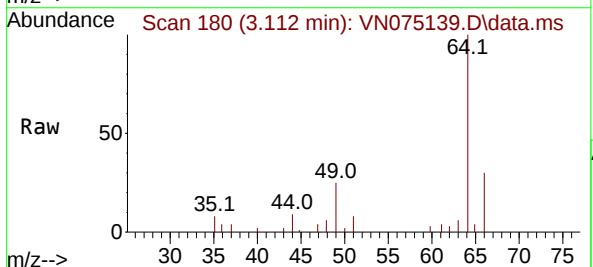
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#6
Chloroethane
Concen: 20.962 ug/l
RT: 3.112 min Scan# 180
Delta R.T. 0.017 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

Tgt Ion: 64 Resp: 27205
Ion Ratio Lower Upper
64 100
66 30.9 23.8 35.8





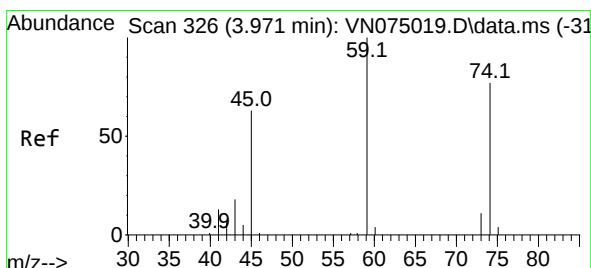
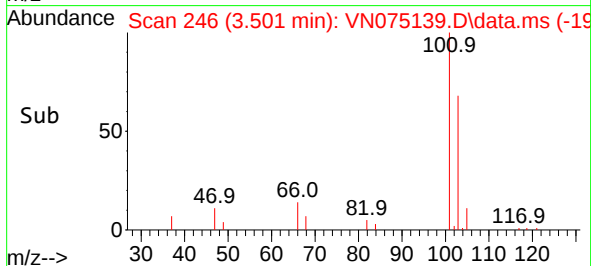
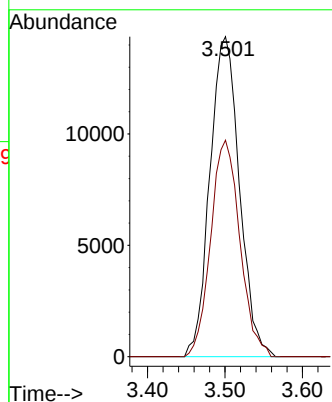
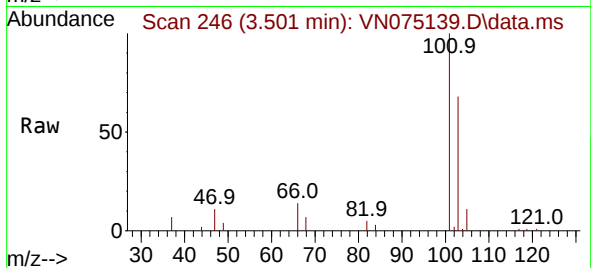
#7
Trichlorofluoromethane
Concen: 20.634 ug/l
RT: 3.501 min Scan# 244
Delta R.T. 0.012 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 3815
Ion Ratio Lower Upper
101 100
103 67.6 50.5 75.7

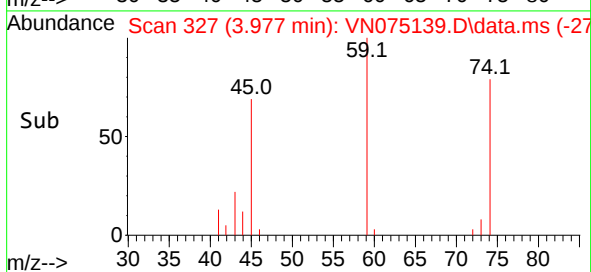
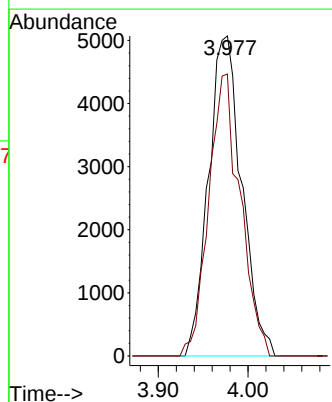
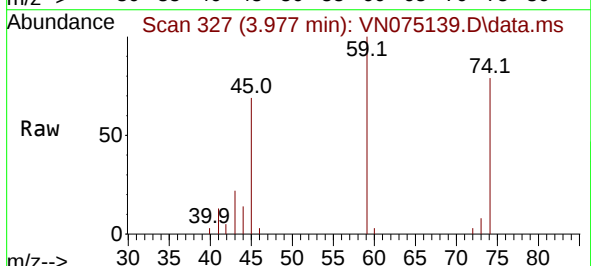
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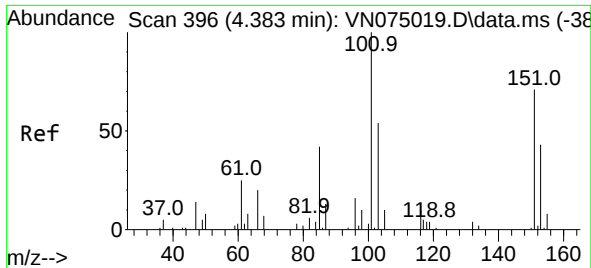
Reviewed By :John Carlone 11/04/2022
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#8
Diethyl Ether
Concen: 19.348 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

Tgt Ion: 74 Resp: 13048
Ion Ratio Lower Upper
74 100
45 83.5 39.3 117.9





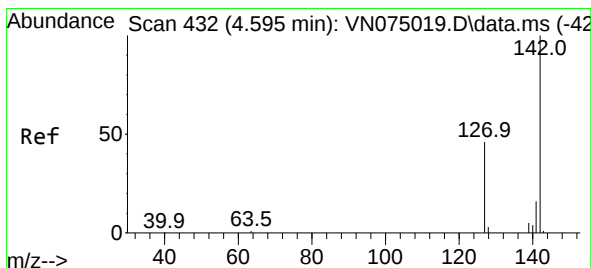
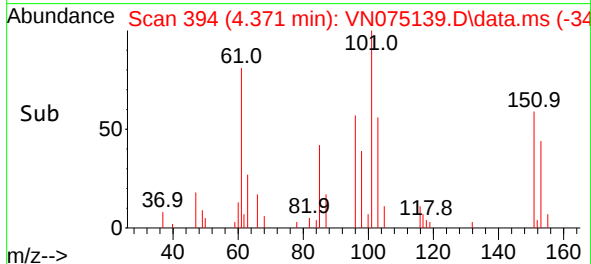
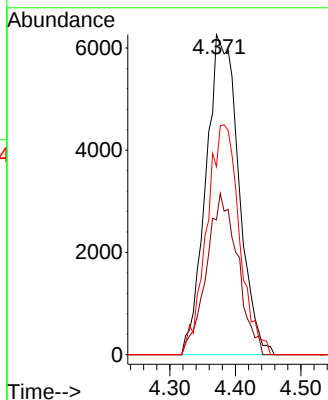
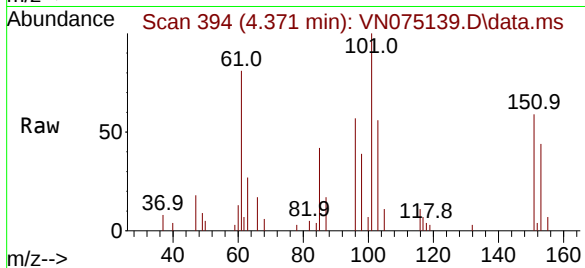
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.283 ug/l
RT: 4.371 min Scan# 394
Delta R.T. -0.012 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

Instrument :
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Tgt Ion:101 Resp: 2173
Ion Ratio Lower Upper
101 100
85 48.0 37.6 56.4
151 71.7 58.3 87.5

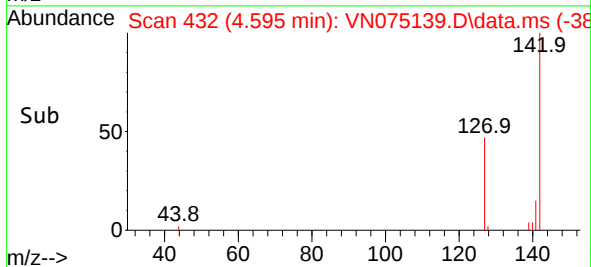
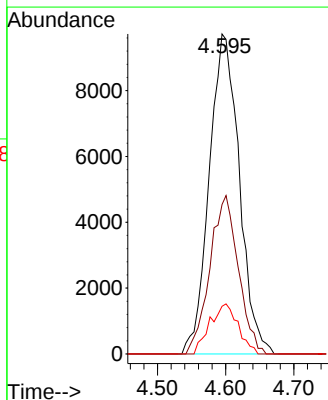
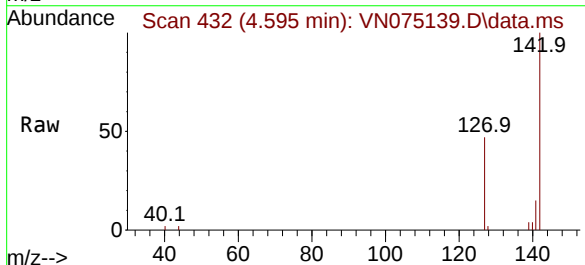
Manual Integrations
APPROVED

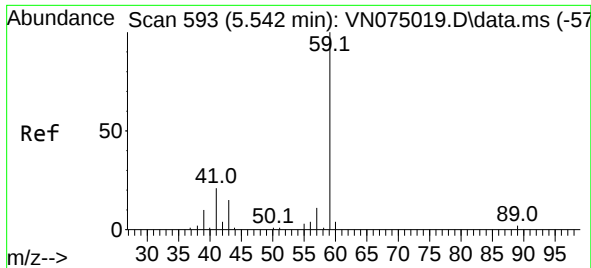
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#10
Methyl Iodide
Concen: 19.603 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

Tgt Ion:142 Resp: 29798
Ion Ratio Lower Upper
142 100
127 46.9 38.0 57.0
141 14.7 12.2 18.4





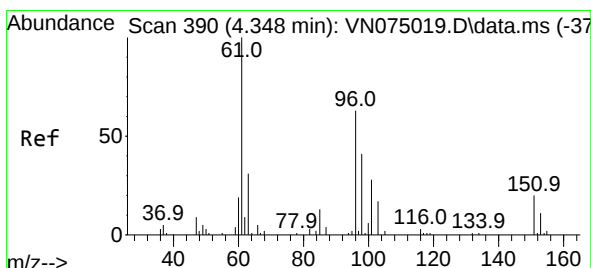
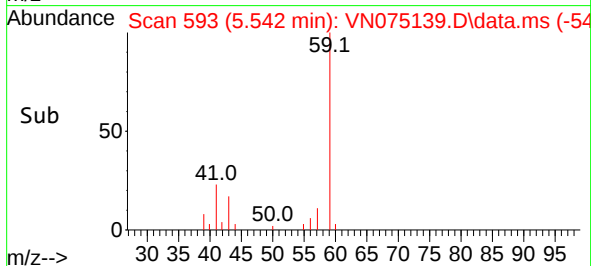
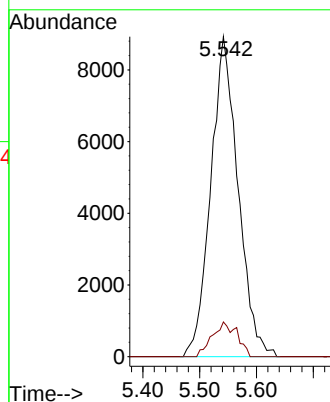
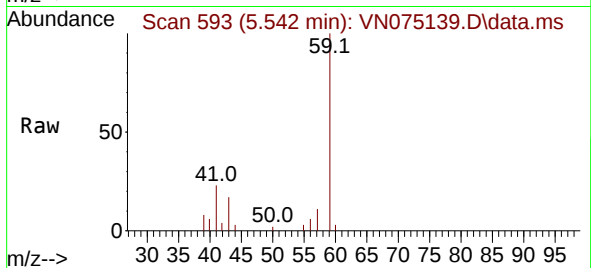
#11
Tert butyl alcohol
Concen: 103.337 ug/l
RT: 5.542 min Scan# 591
Delta R.T. -0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

Instrument :
MSVOA_N
ClientSampleId :
VN1103WBS01

Tgt Ion: 59 Resp: 2981
Ion Ratio Lower Upper
59 100
57 9.8 8.5 12.7

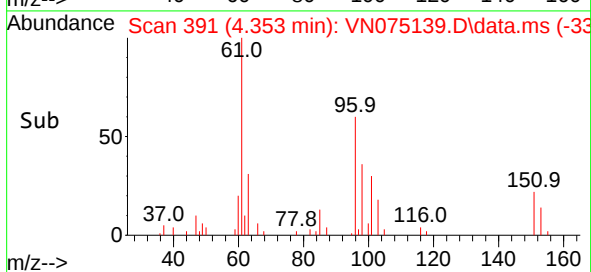
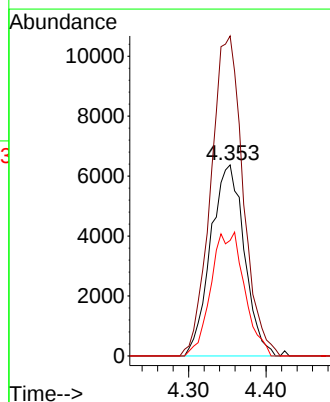
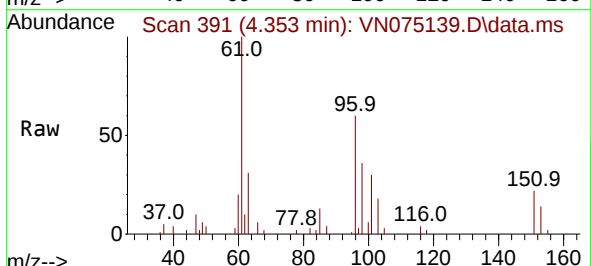
Manual Integrations
APPROVED

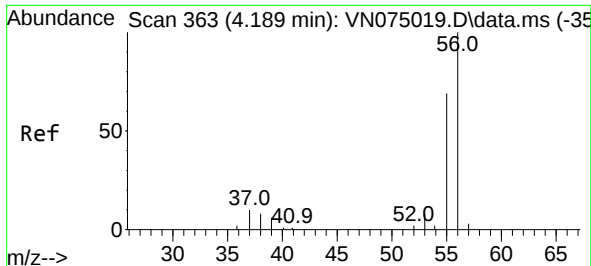
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#12
1,1-Dichloroethene
Concen: 19.766 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.005 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

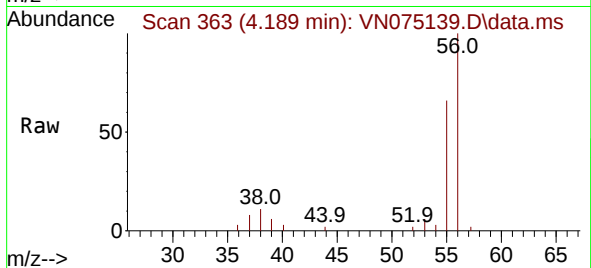
Tgt Ion: 96 Resp: 19238
Ion Ratio Lower Upper
96 100
61 167.5 126.2 189.4
98 60.5 51.5 77.3





#13
Acrolein
Concen: 93.504 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

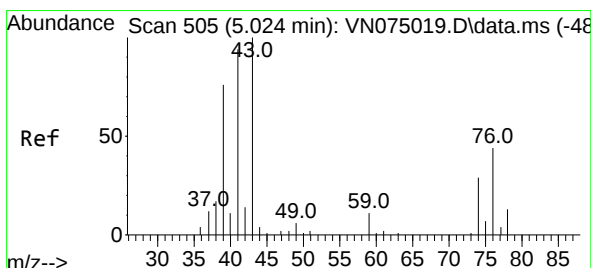
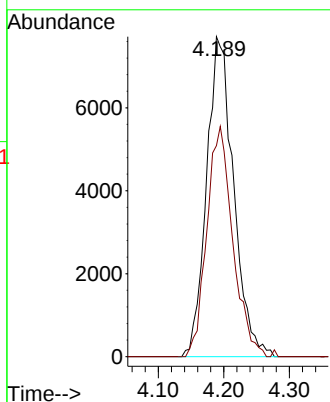
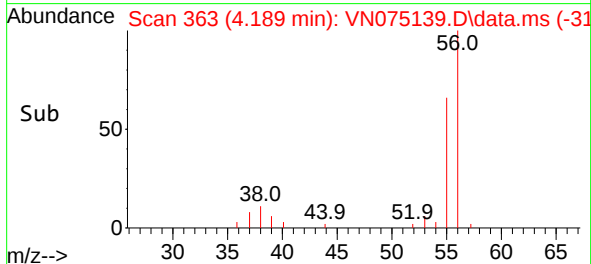
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBS01



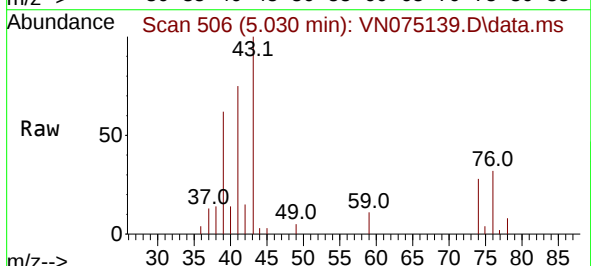
Tgt Ion: 56 Resp: 2206
Ion Ratio Lower Upper
56 100
55 69.2 55.2 82.8

Manual Integrations
APPROVED

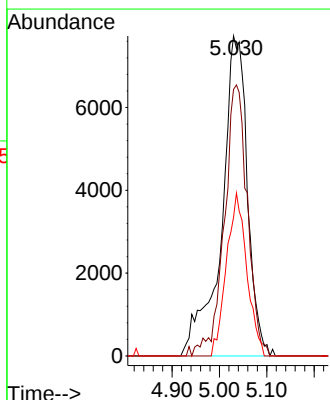
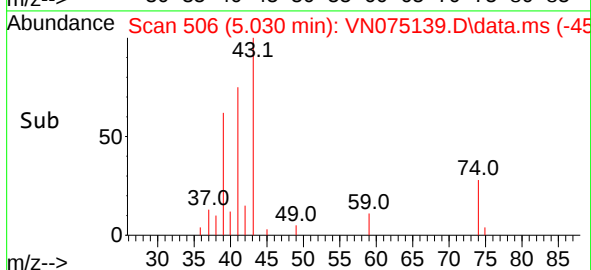
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

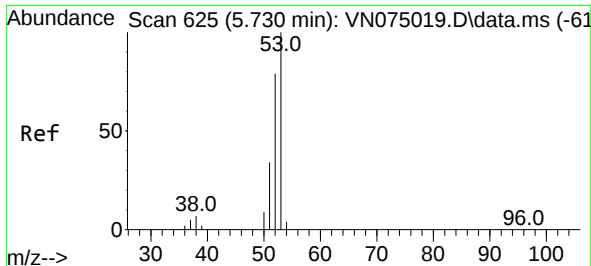


#14
Allyl chloride
Concen: 20.669 ug/l
RT: 5.030 min Scan# 506
Delta R.T. 0.006 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01



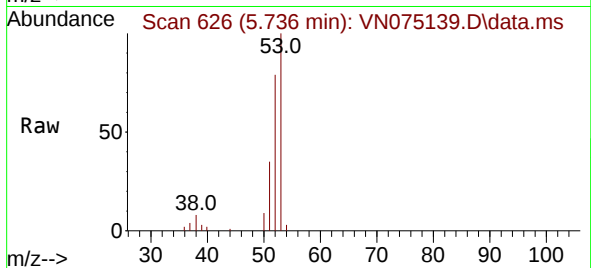
Tgt Ion: 41 Resp: 29381
Ion Ratio Lower Upper
41 100
39 75.4 61.0 91.4
76 39.9 33.4 50.0





#15
Acrylonitrile
Concen: 111.061 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

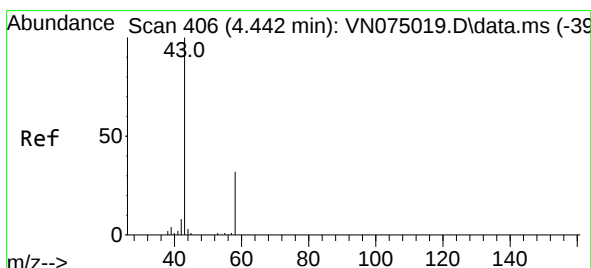
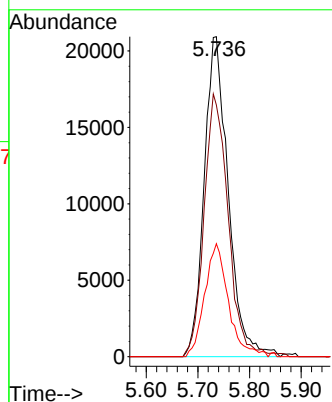
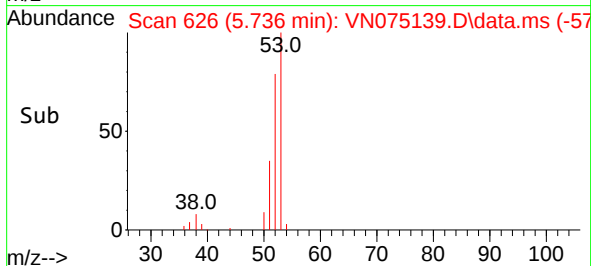
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBS01



Tgt Ion: 53 Resp: 6768
Ion Ratio Lower Upper
53 100
52 82.5 66.4 99.6
51 34.8 29.6 44.4

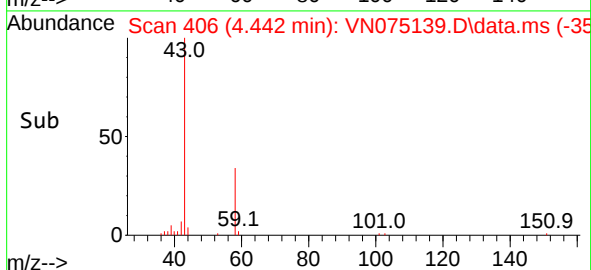
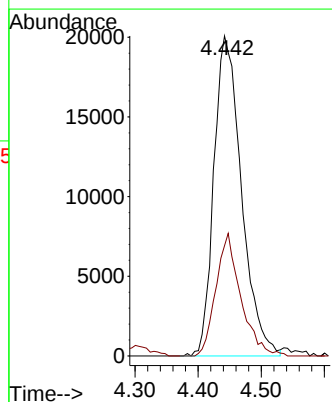
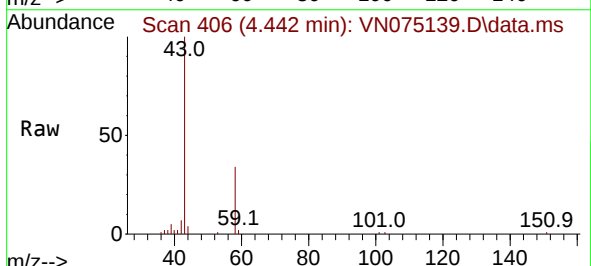
Manual Integrations
APPROVED

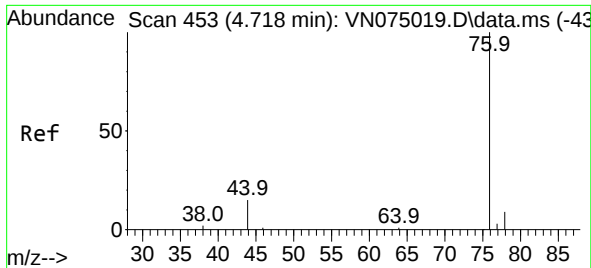
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#16
Acetone
Concen: 116.236 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

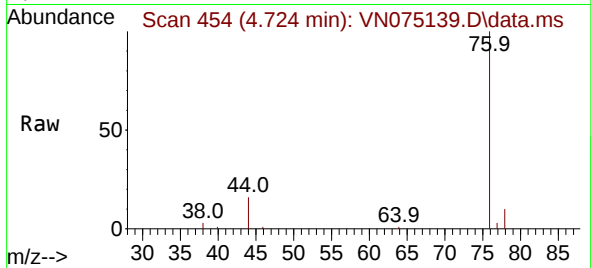
Tgt Ion: 43 Resp: 60888
Ion Ratio Lower Upper
43 100
58 34.4 25.5 38.3





#17
Carbon Disulfide
Concen: 18.460 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

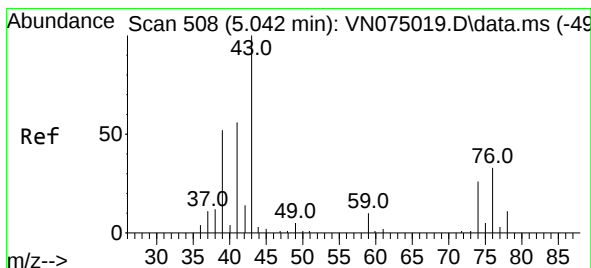
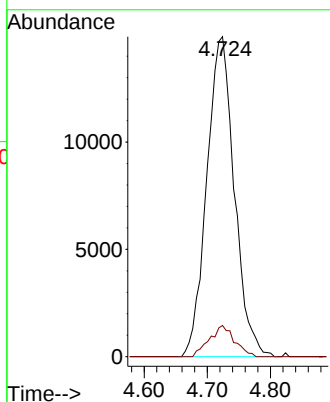
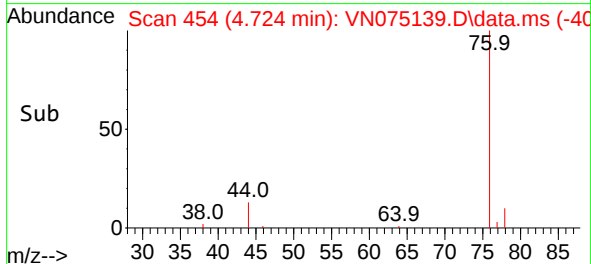
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBS01



Tgt Ion: 76 Resp: 4518
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.2

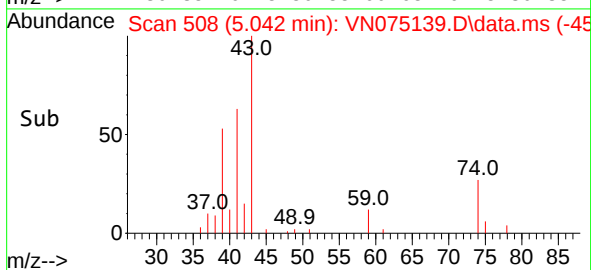
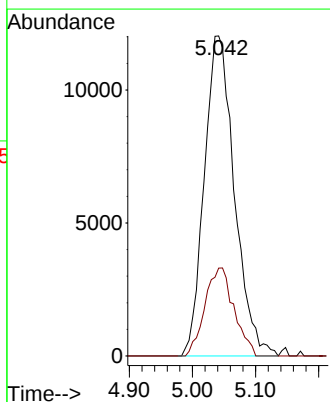
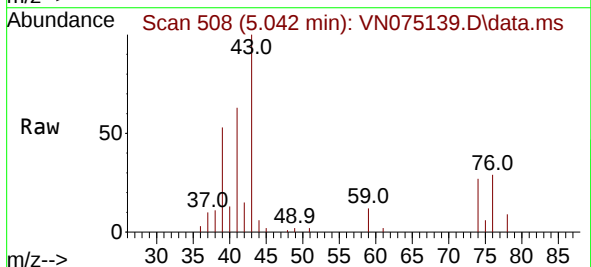
Manual Integrations
APPROVED

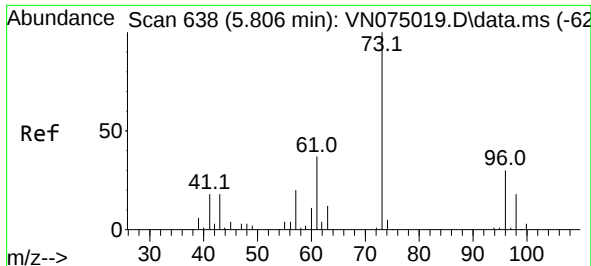
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#18
Methyl Acetate
Concen: 23.325 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

Tgt Ion: 43 Resp: 39910
Ion Ratio Lower Upper
43 100
74 26.5 22.0 33.0





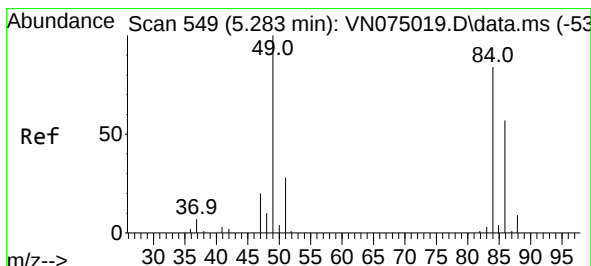
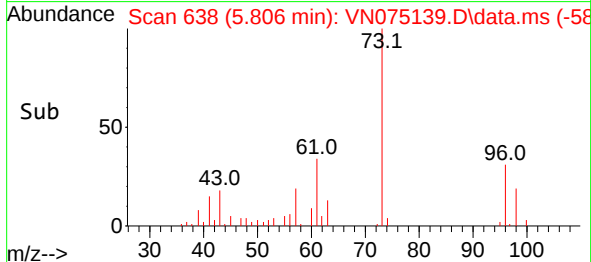
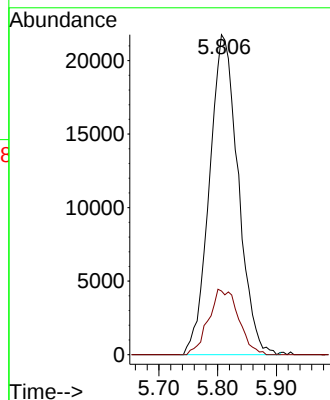
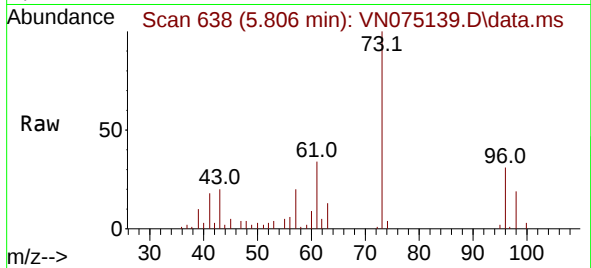
#19
Methyl tert-butyl Ether
Concen: 20.373 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

Instrument :
MSVOA_N
ClientSampleId :
VN1103WBS01

Tgt Ion: 73 Resp: 7369
Ion Ratio Lower Upper
73 100
57 19.9 16.3 24.5

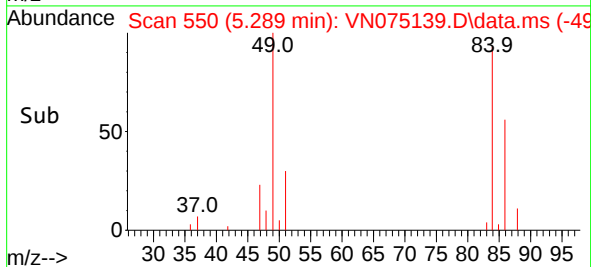
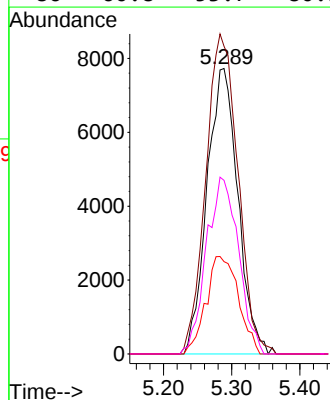
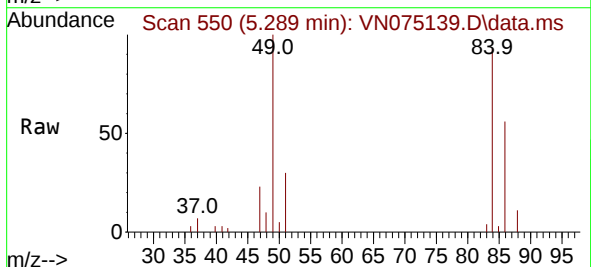
Manual Integrations
APPROVED

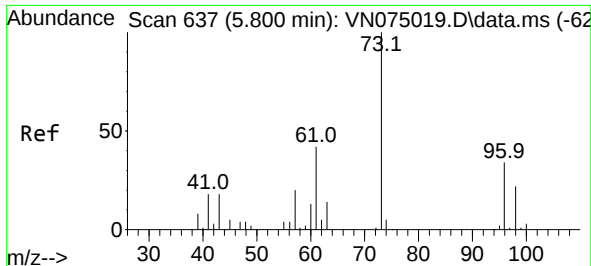
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#20
Methylene Chloride
Concen: 20.885 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.006 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

Tgt Ion: 84 Resp: 24393
Ion Ratio Lower Upper
84 100
49 107.8 94.9 142.3
51 32.4 26.8 40.2
86 60.8 53.7 80.5





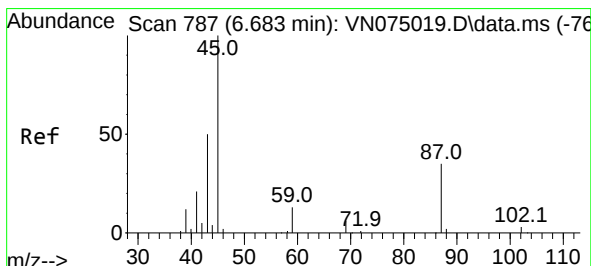
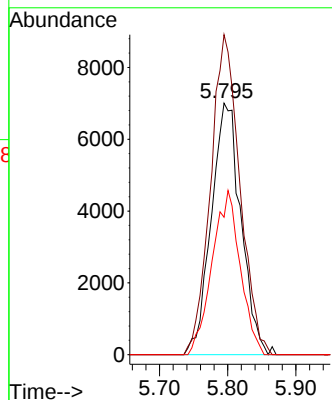
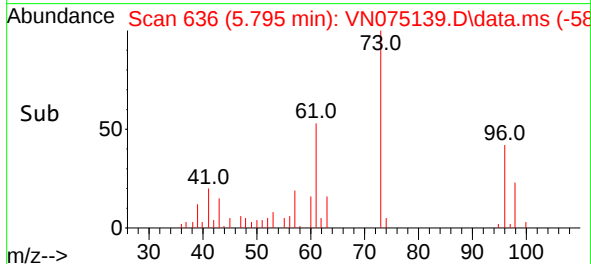
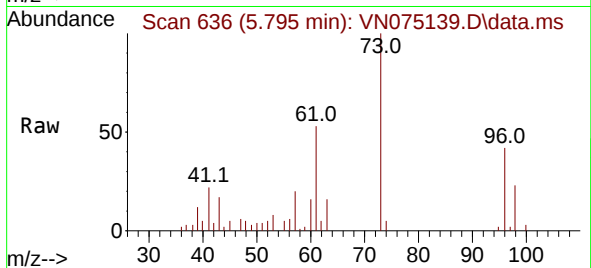
#21
trans-1,2-Dichloroethene
Concen: 19.914 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

Instrument :
MSVOA_N
ClientSampleId :
VN1103WBS01

Tgt Ion: 96 Resp: 2122
Ion Ratio Lower Upper
96 100
61 127.2 99.9 149.9
98 54.6 51.5 77.3

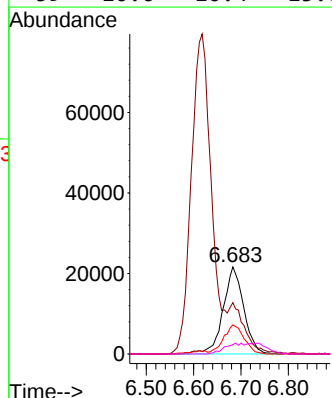
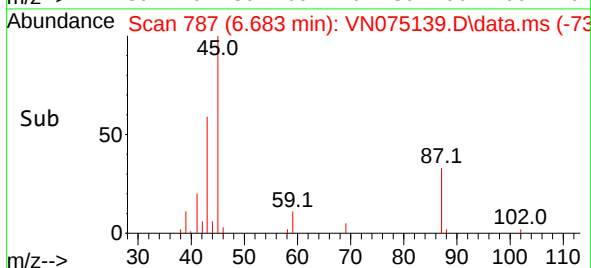
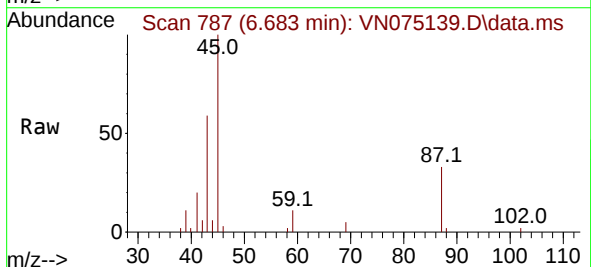
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#22
Diisopropyl ether
Concen: 20.850 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

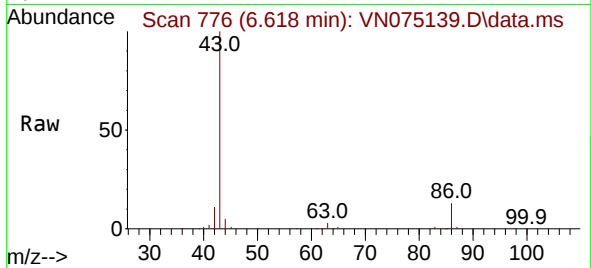
Tgt Ion: 45 Resp: 65406
Ion Ratio Lower Upper
45 100
43 56.9 42.8 64.2
87 33.4 28.4 42.6
59 10.6 10.4 15.6





#23
 Vinyl Acetate
 Concen: 100.639 ug/l m
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN075139.D
 Acq: 03 Nov 2022 13:01

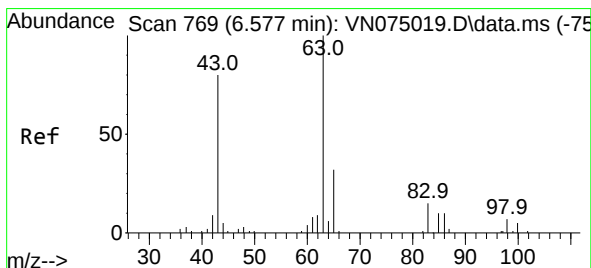
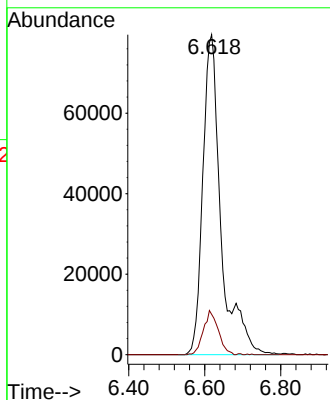
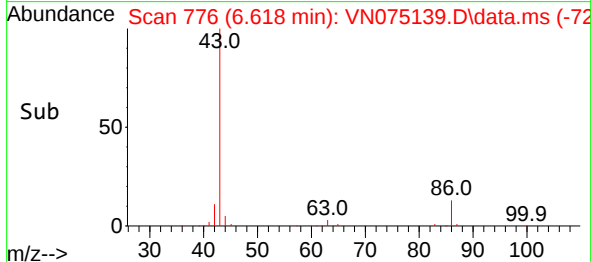
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1103WBS01



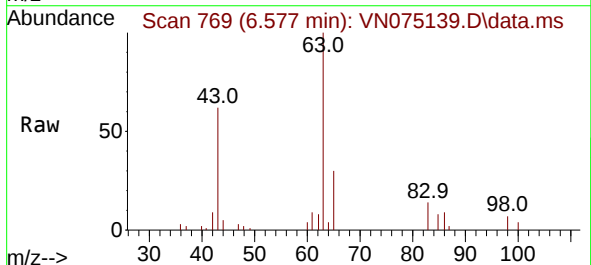
Tgt Ion: 43 Resp: 263628
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.7 16.1

Manual Integrations
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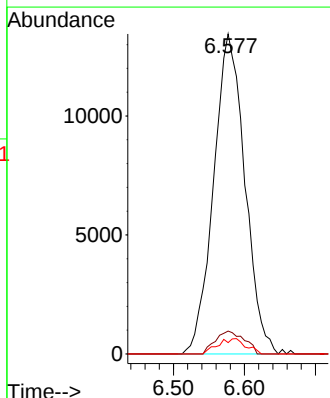
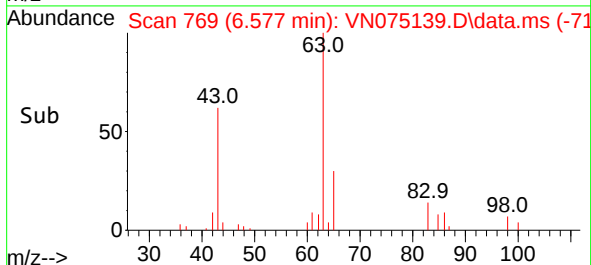
Reviewed By :John Carlone 11/04/2022
 Supervised By :Mahesh Dadoda 11/04/2022

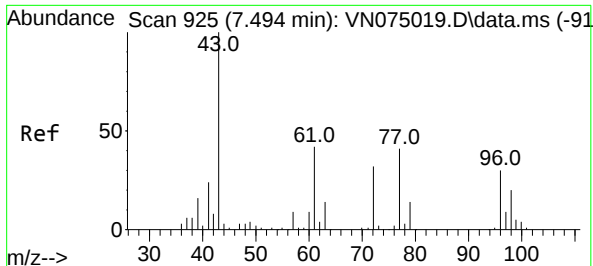


#24
 1,1-Dichloroethane
 Concen: 20.692 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075139.D
 Acq: 03 Nov 2022 13:01



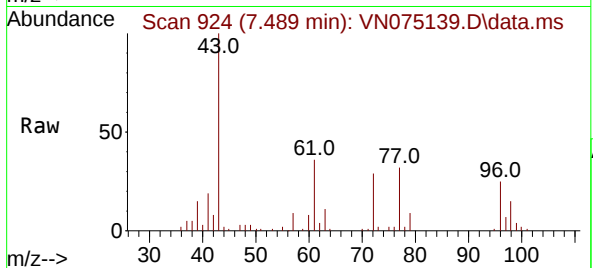
Tgt Ion: 63 Resp: 41052
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 3.5 2.4 7.2





#25
2-Butanone
Concen: 111.770 ug/l
RT: 7.489 min Scan# 912
Delta R.T. -0.005 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

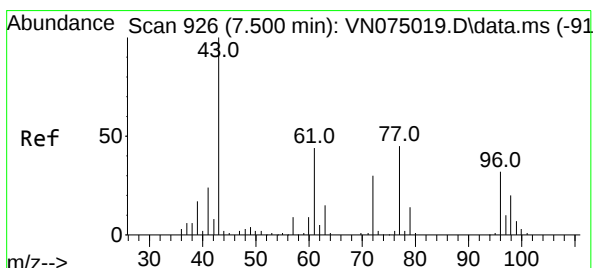
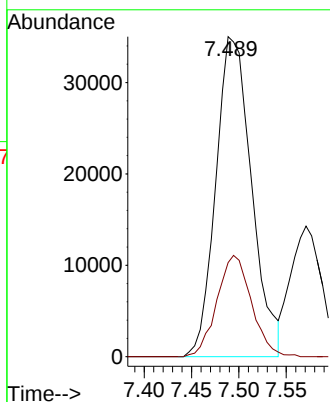
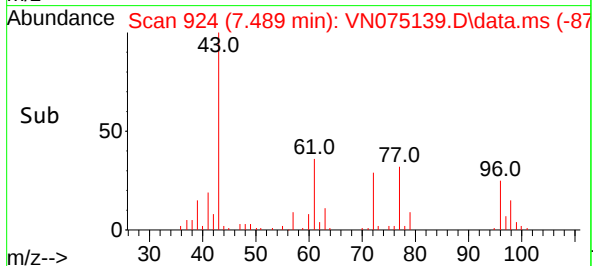
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBS01



Tgt Ion: 43 Resp: 92091
Ion Ratio Lower Upper
43 100
72 29.4 25.5 38.3

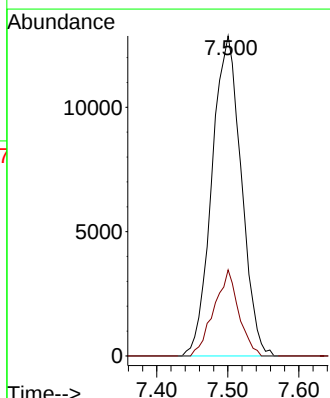
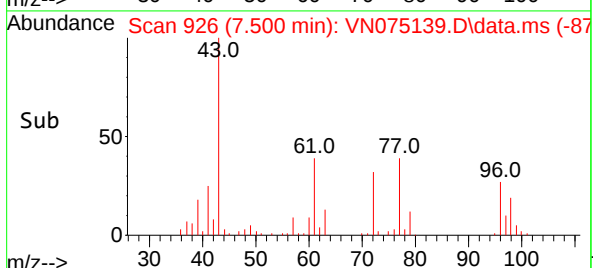
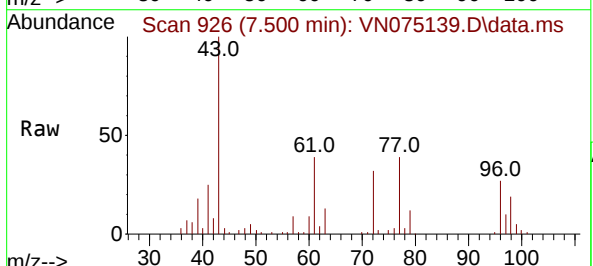
Manual Integrations
APPROVED

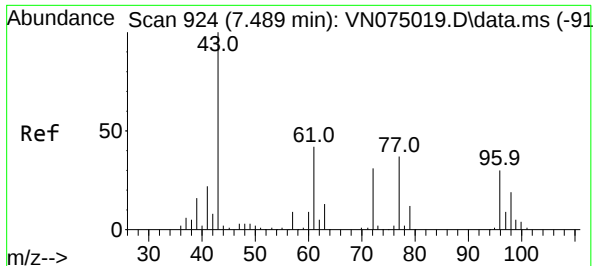
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#26
2,2-Dichloropropane
Concen: 20.206 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

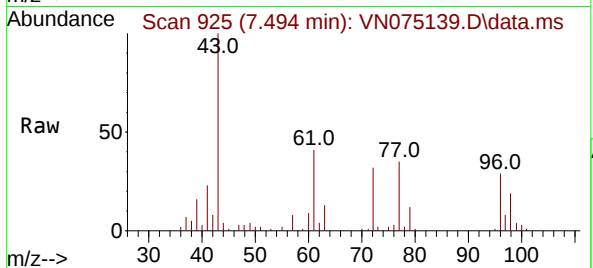
Tgt Ion: 77 Resp: 36880
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.834 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.005 min
 Lab File: VN075139.D
 Acq: 03 Nov 2022 13:01

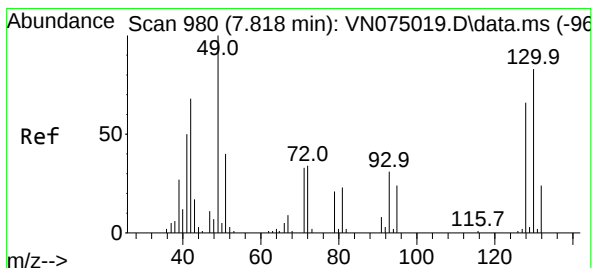
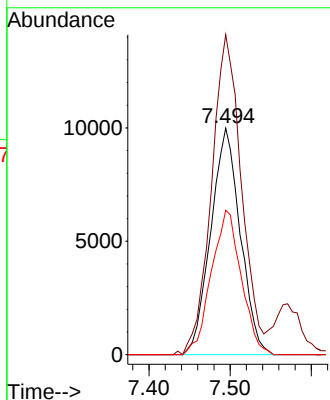
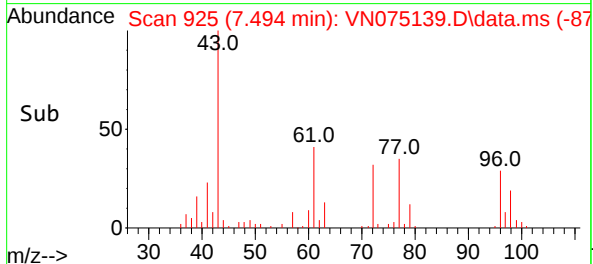
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1103WBS01



Tgt Ion: 96 Resp: 2524
 Ion Ratio Lower Upper
 96 100
 61 143.2 0.0 278.8
 98 64.7 0.0 128.4

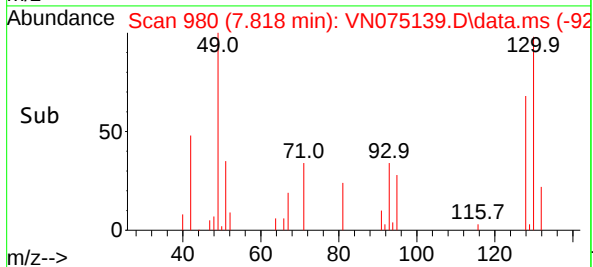
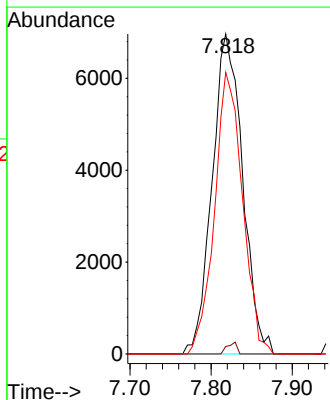
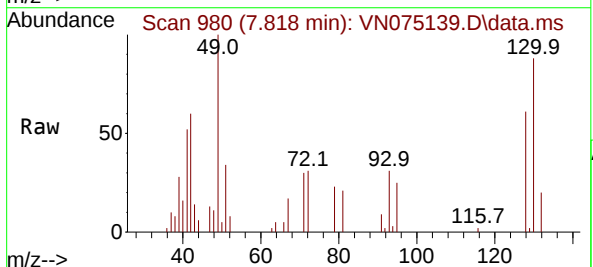
Manual Integrations
 APPROVED

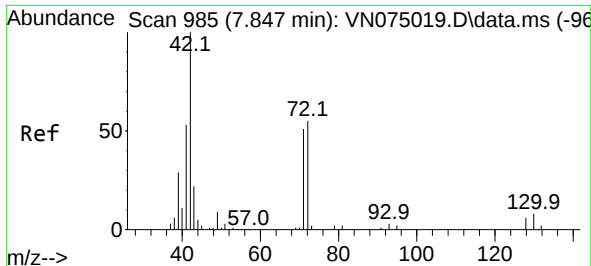
Reviewed By :John Carlone 11/04/2022
 Supervised By :Mahesh Dadoda 11/04/2022



#28
 Bromochloromethane
 Concen: 21.660 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075139.D
 Acq: 03 Nov 2022 13:01

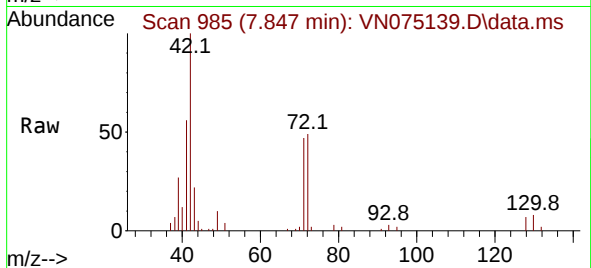
Tgt Ion: 49 Resp: 18115
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.6
 130 81.0 66.2 99.4





#29
Tetrahydrofuran
Concen: 111.026 ug/l
RT: 7.847 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

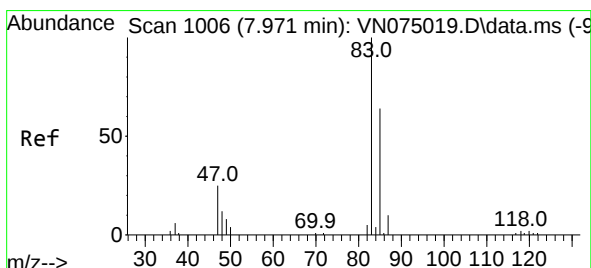
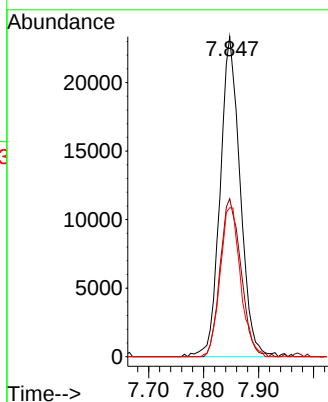
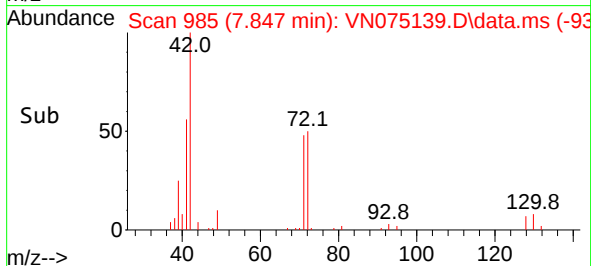
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBS01



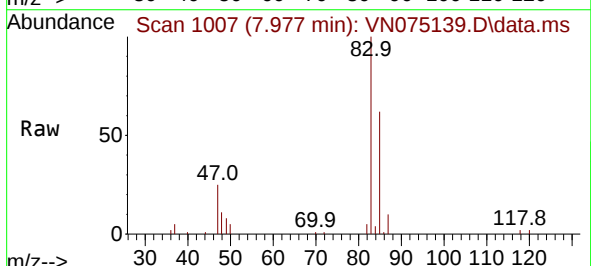
Tgt Ion: 42 Resp: 5911
Ion Ratio Lower Upper
42 100
72 51.1 43.0 64.6
71 47.8 39.9 59.9

Manual Integrations
APPROVED

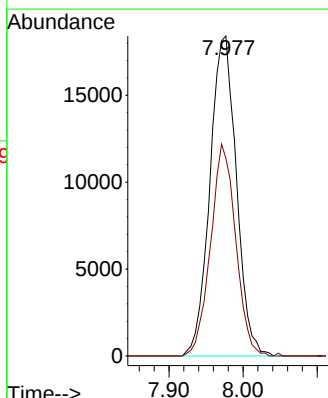
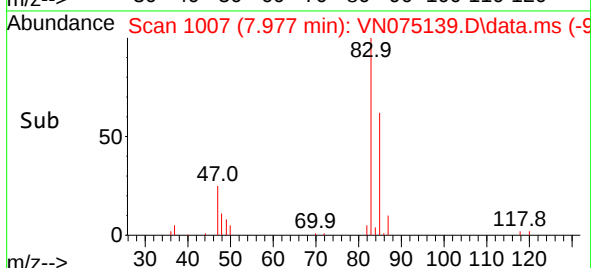
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

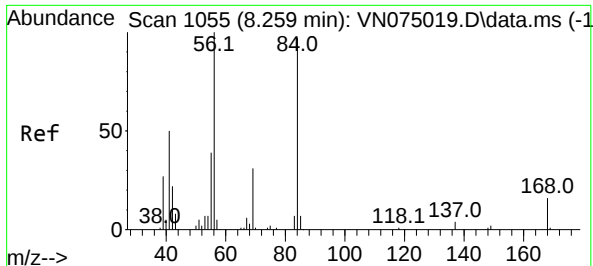


#30
Chloroform
Concen: 21.199 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01



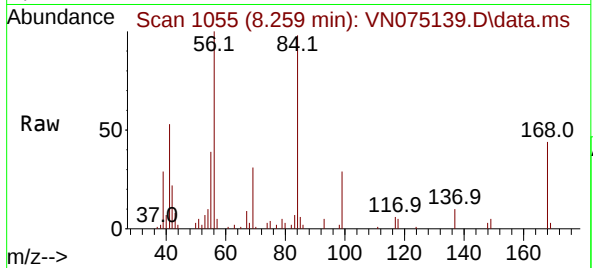
Tgt Ion: 83 Resp: 45664
Ion Ratio Lower Upper
83 100
85 61.8 51.4 77.0





#31
Cyclohexane
Concen: 19.715 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

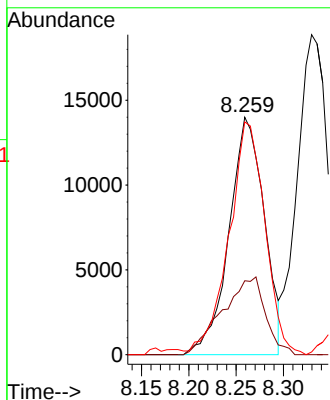
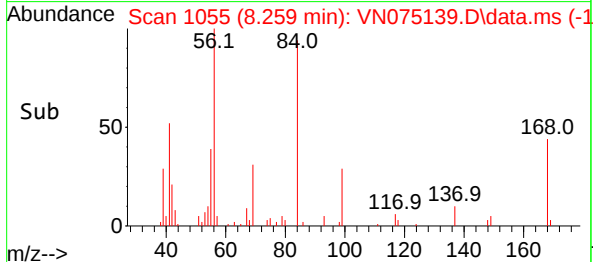
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBS01



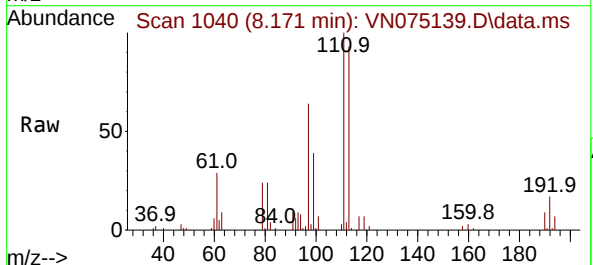
Tgt Ion: 56 Resp: 3627
Ion Ratio Lower Upper
56 100
69 31.1 25.2 37.8
84 95.9 77.8 116.8

Manual Integrations
APPROVED

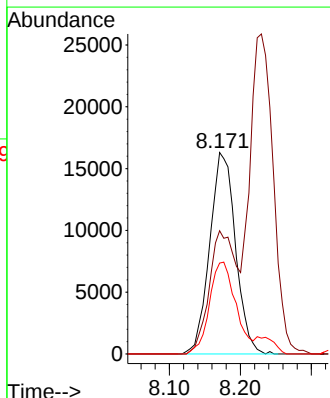
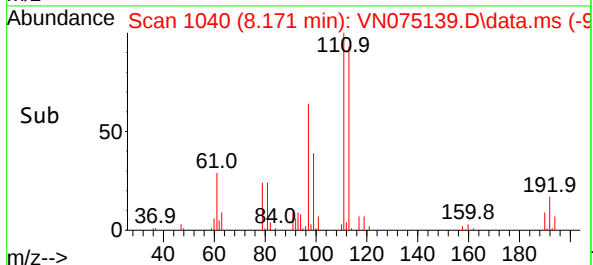
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#32
1,1,1-Trichloroethane
Concen: 21.011 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01



Tgt Ion: 97 Resp: 41100
Ion Ratio Lower Upper
97 100
99 64.7 50.2 75.2
61 46.9 37.0 55.6





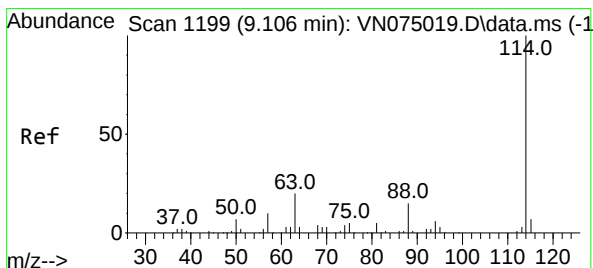
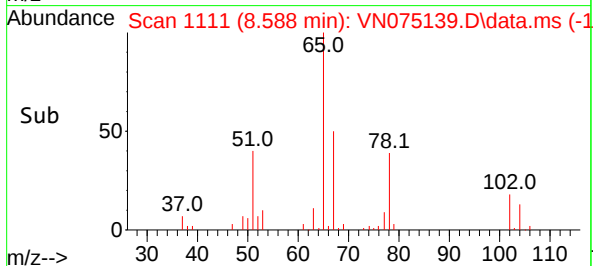
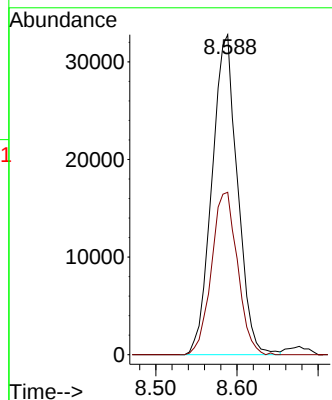
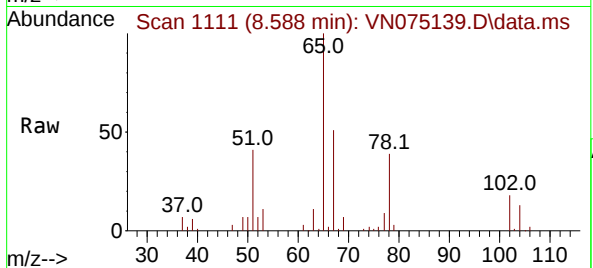
#33
1,2-Dichloroethane-d4
Concen: 57.969 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

Instrument :
MSVOA_N
ClientSampleId :
VN1103WBS01

Tgt Ion: 65 Resp: 71715
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.0

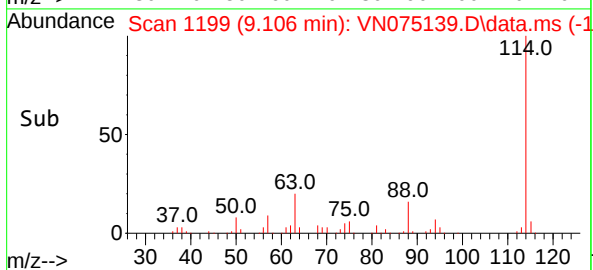
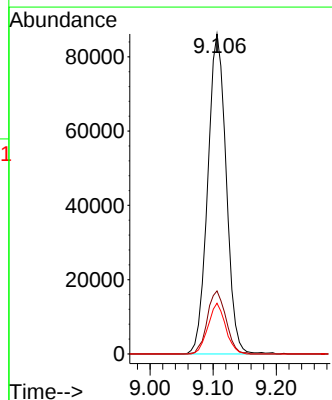
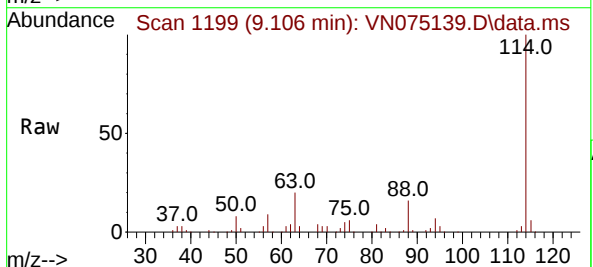
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

Tgt Ion:114 Resp: 174843
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.6
88 15.8 0.0 29.0





#35

Dibromofluoromethane

Concen: 56.128 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075139.D

Acq: 03 Nov 2022 13:01

Instrument :

MSVOA_N

ClientSampleId :

VN1103WBS01

Tgt Ion: 113 Resp: 5761

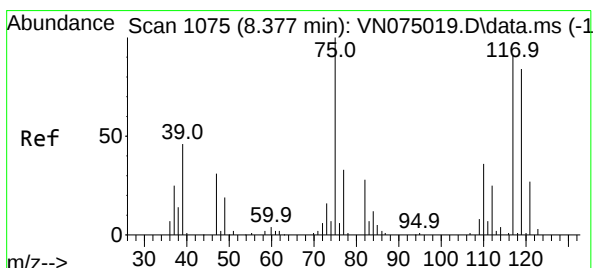
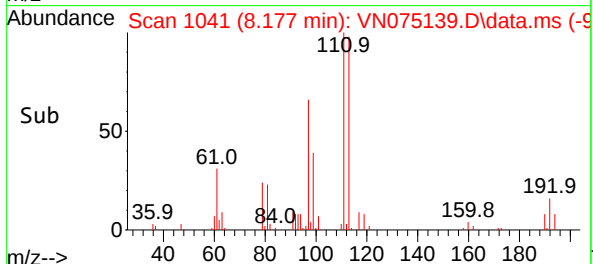
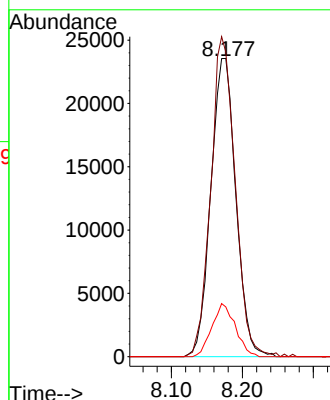
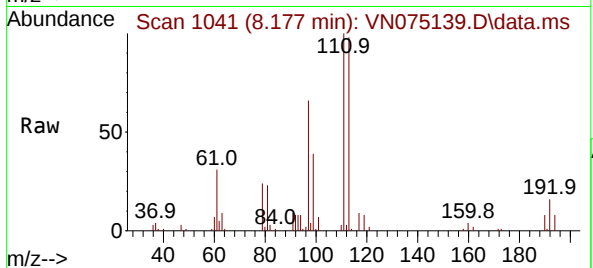
Ion	Ratio	Lower	Upper
113	100		
111	104.6	80.5	120.7
192	16.8	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#36

1,1-Dichloropropene

Concen: 19.972 ug/l

RT: 8.377 min Scan# 1075

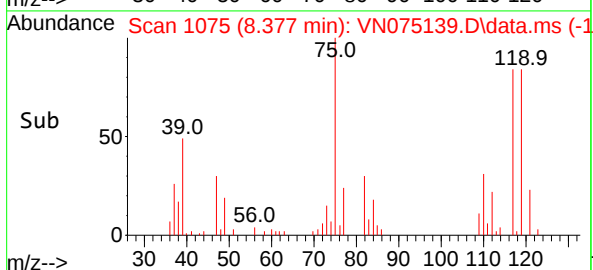
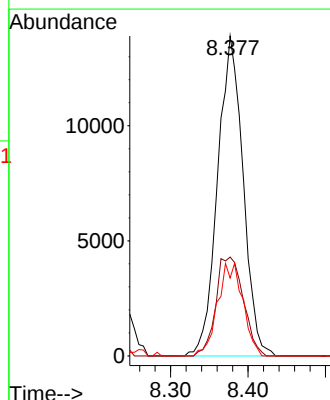
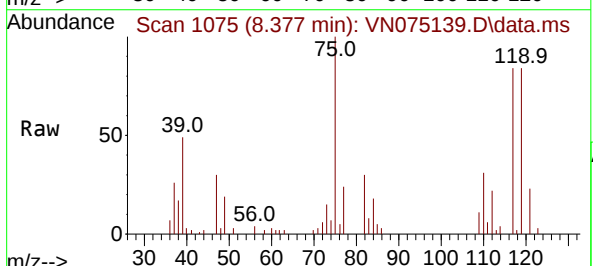
Delta R.T. -0.000 min

Lab File: VN075139.D

Acq: 03 Nov 2022 13:01

Tgt Ion: 75 Resp: 31737

Ion	Ratio	Lower	Upper
75	100		
110	33.4	17.8	53.3
77	28.7	24.6	37.0





#37

Ethyl Acetate

Concen: 20.227 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075139.D

Acq: 03 Nov 2022 13:01

Instrument :

MSVOA_N

ClientSampleId :

VN1103WBS01

Tgt Ion: 43 Resp: 35249

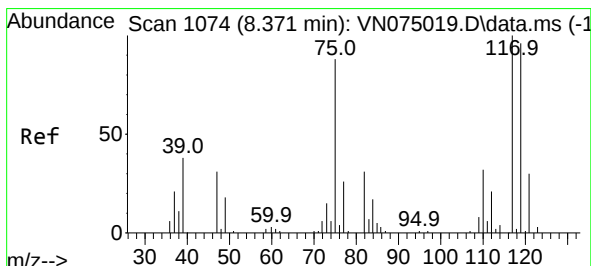
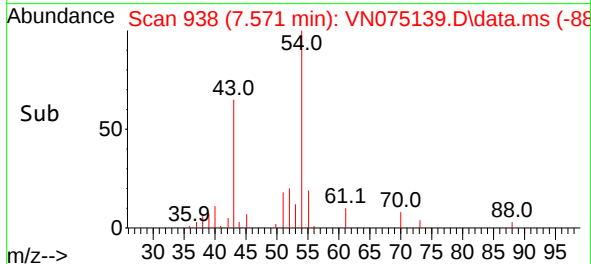
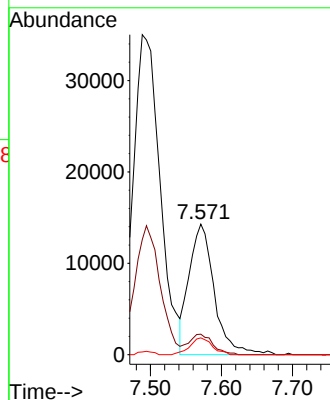
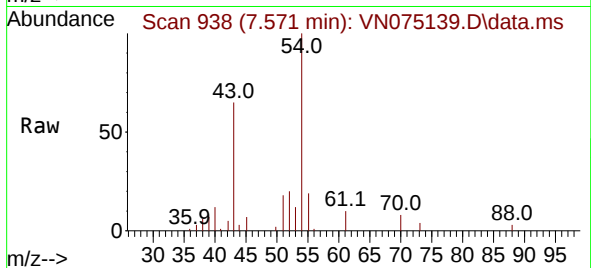
Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.2	18.4
70	11.3	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#38

Carbon Tetrachloride

Concen: 19.881 ug/l

RT: 8.365 min Scan# 1073

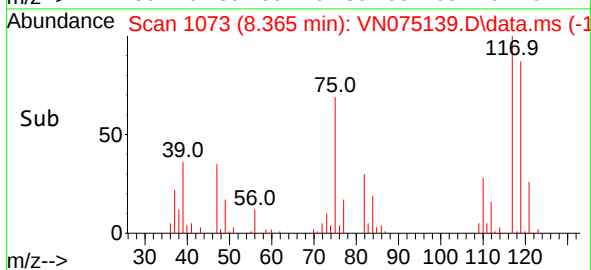
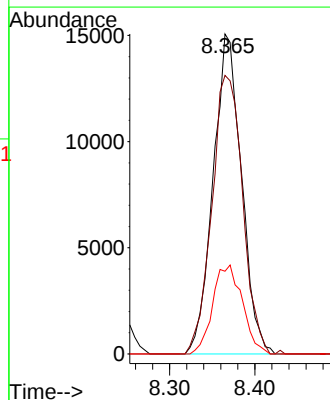
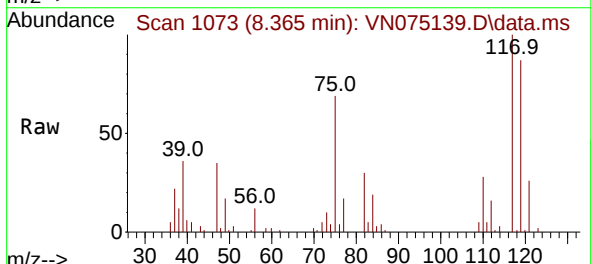
Delta R.T. -0.006 min

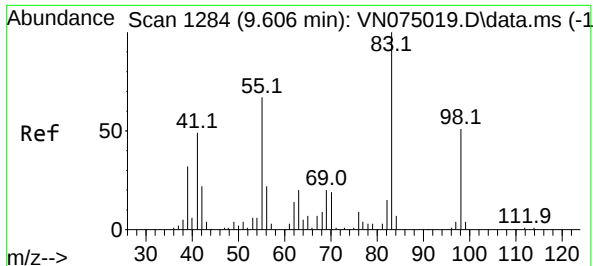
Lab File: VN075139.D

Acq: 03 Nov 2022 13:01

Tgt Ion:117 Resp: 34751

Ion	Ratio	Lower	Upper
117	100		
119	87.0	76.7	115.1
121	25.8	23.9	35.9





#39

Methylcyclohexane

Concen: 18.078 ug/l

RT: 9.600 min Scan# 11283

Delta R.T. -0.006 min

Lab File: VN075139.D

Acq: 03 Nov 2022 13:01

Instrument :

MSVOA_N

ClientSampleId :

VN1103WBS01

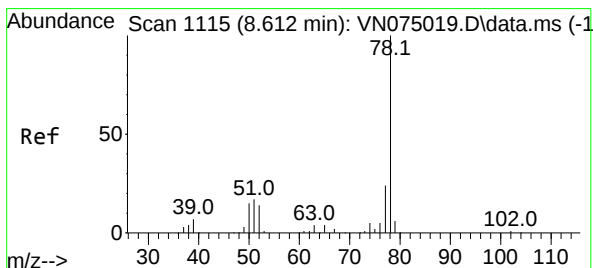
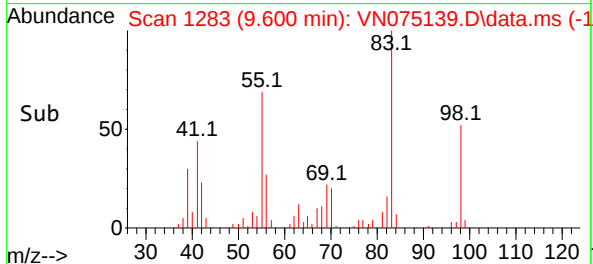
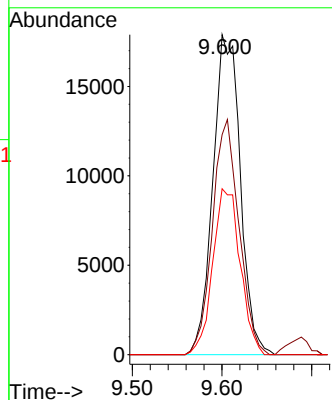
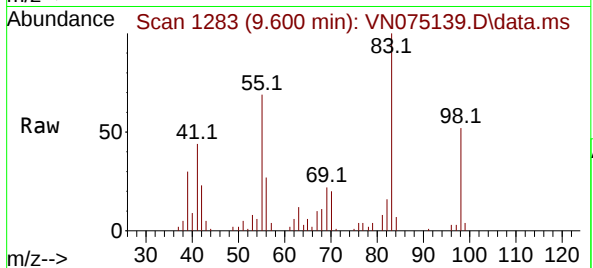
Tgt Ion: 83	Resp: 37924
Ion Ratio	Lower Upper
83	100
55	68.8 53.6 80.4
98	51.8 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#40

Benzene

Concen: 20.066 ug/l

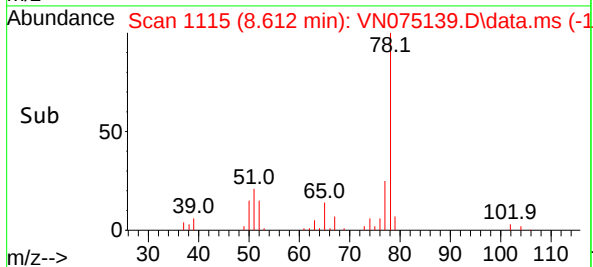
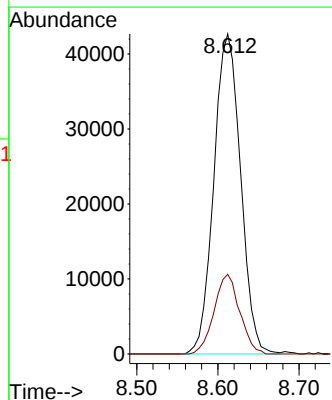
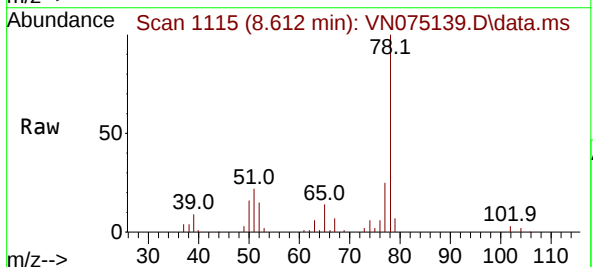
RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075139.D

Acq: 03 Nov 2022 13:01

Tgt Ion: 78	Resp: 97631
Ion Ratio	Lower Upper
78	100
77	24.9 19.4 29.0





#41
Methacrylonitrile
Concen: 20.605 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

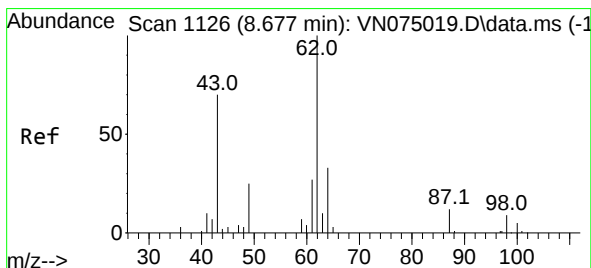
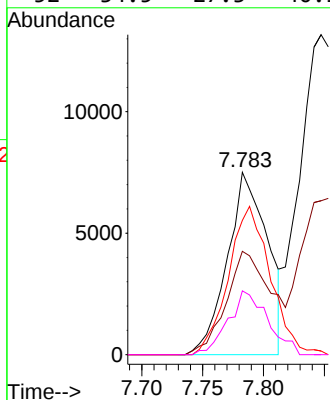
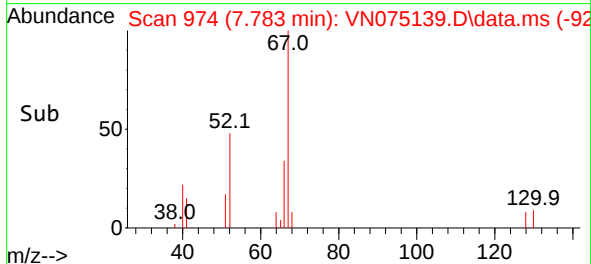
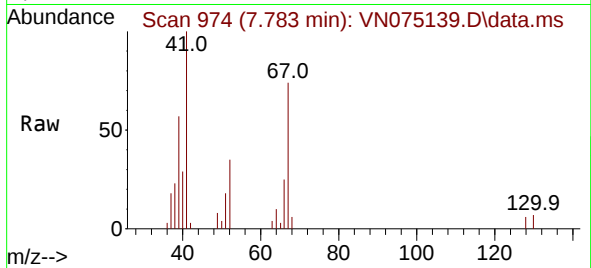
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBS01

Tgt Ion: 41 Resp: 17204

Ion	Ratio	Lower	Upper
41	100		
39	63.8	44.4	66.6
67	85.0	69.8	104.6
52	34.5	27.3	40.9

Manual Integrations
APPROVED

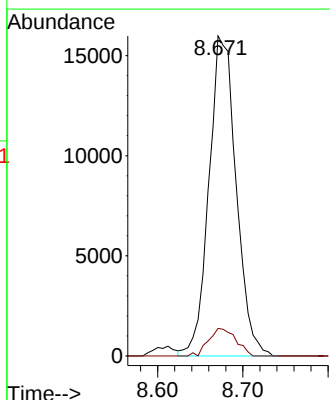
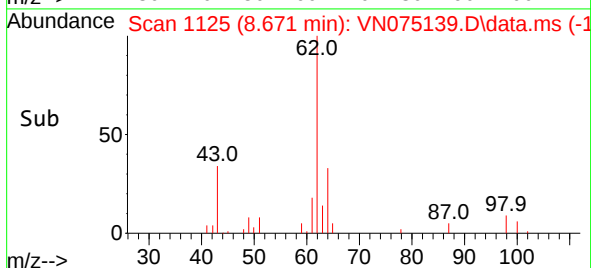
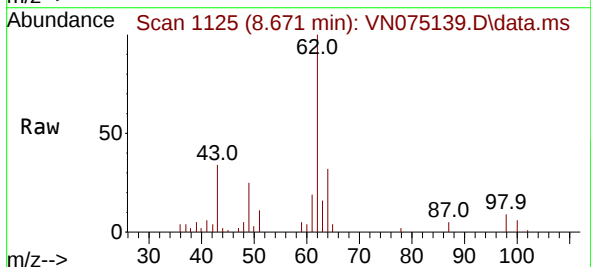
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

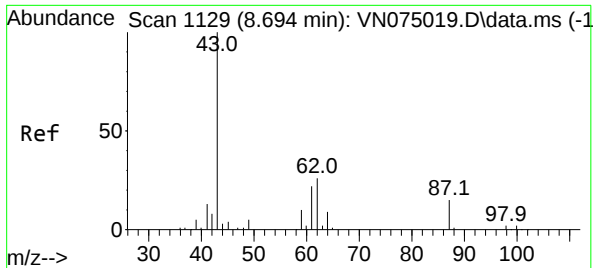


#42
1,2-Dichloroethane
Concen: 20.064 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

Tgt Ion: 62 Resp: 35516

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.2





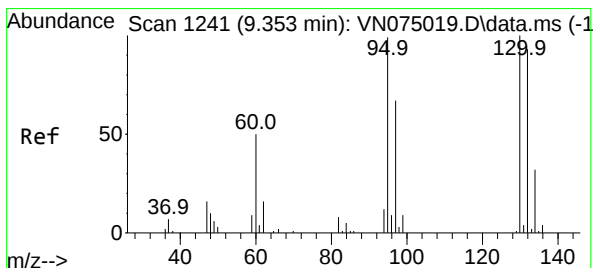
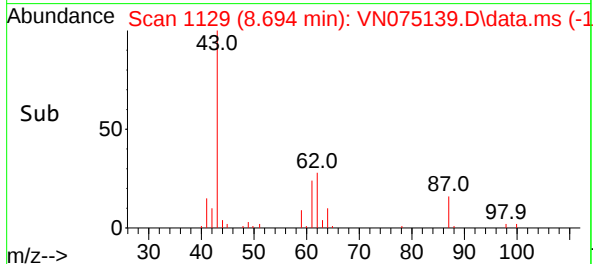
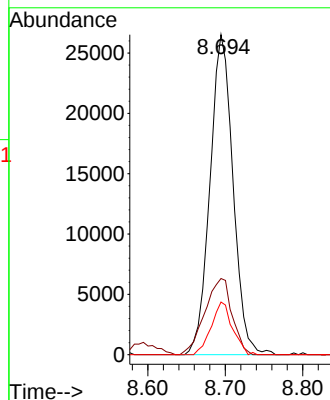
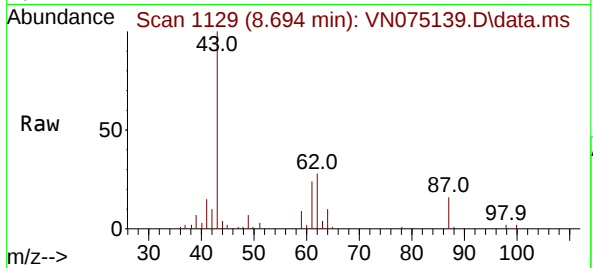
#43
Isopropyl Acetate
Concen: 20.269 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

Instrument :
MSVOA_N
ClientSampleId :
VN1103WBS01

Tgt Ion: 43 Resp: 5479
Ion Ratio Lower Upper
43 100
61 28.0 22.4 33.6
87 15.1 12.5 18.7

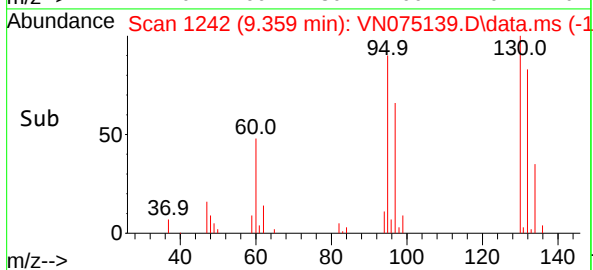
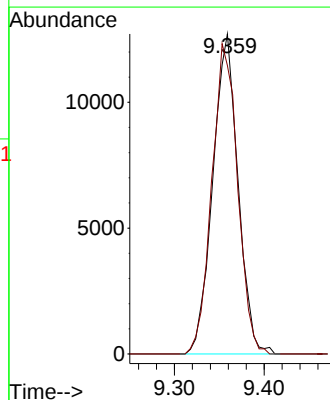
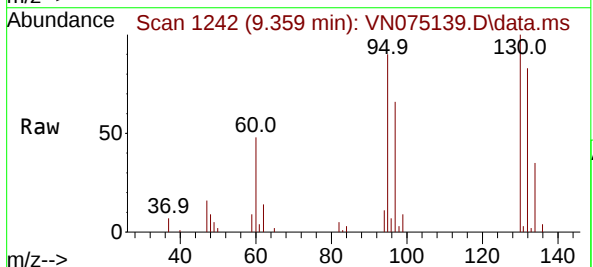
Manual Integrations
APPROVED

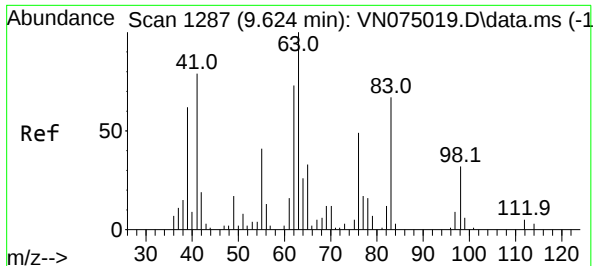
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#44
Trichloroethene
Concen: 20.338 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

Tgt Ion:130 Resp: 24826
Ion Ratio Lower Upper
130 100
95 90.1 0.0 198.4





#45

1,2-Dichloropropane

Concen: 21.220 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075139.D

Acq: 03 Nov 2022 13:01

Instrument :

MSVOA_N

ClientSampleId :

VN1103WBS01

Tgt Ion: 63 Resp: 2457

Ion Ratio Lower Upper

63 100

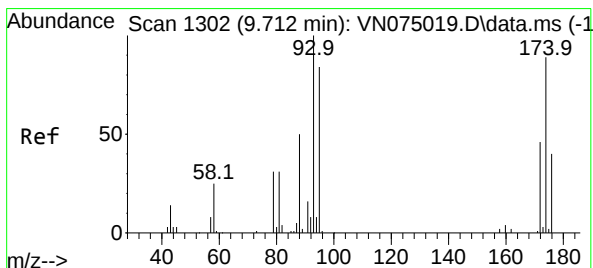
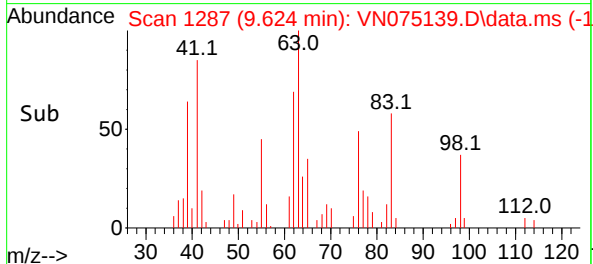
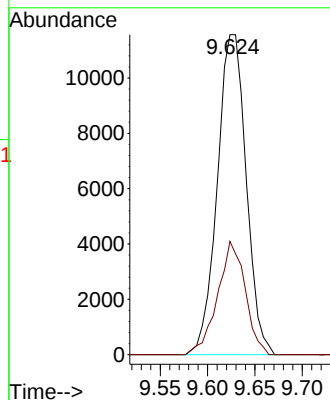
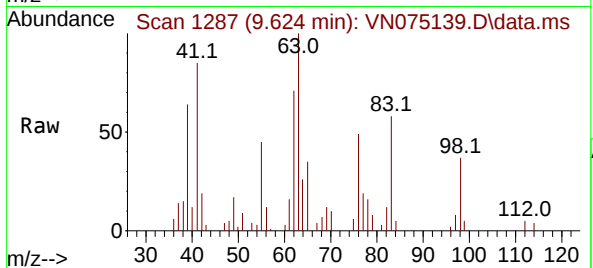
65 35.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#46

Dibromomethane

Concen: 20.612 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075139.D

Acq: 03 Nov 2022 13:01

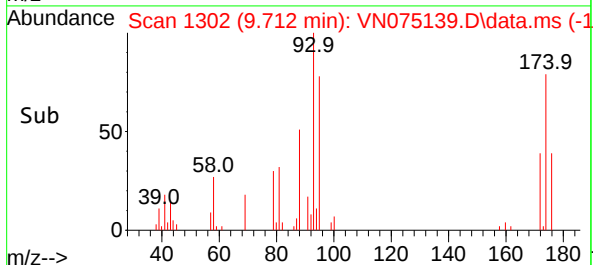
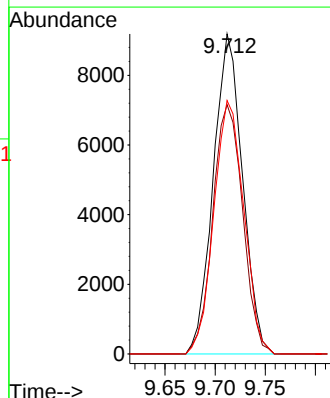
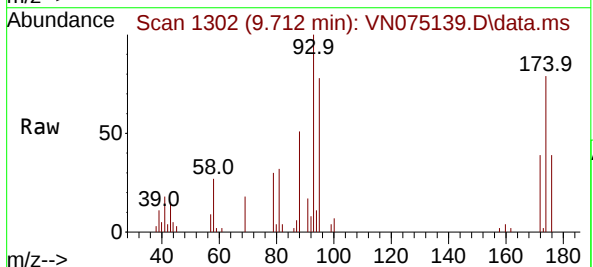
Tgt Ion: 93 Resp: 18594

Ion Ratio Lower Upper

93 100

95 79.7 66.6 99.8

174 81.3 70.3 105.5





#47

Bromodichloromethane

Concen: 20.084 ug/l

RT: 9.894 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075139.D

Acq: 03 Nov 2022 13:01

Instrument :

MSVOA_N

ClientSampleId :

VN1103WBS01

Tgt Ion: 83 Resp: 3508

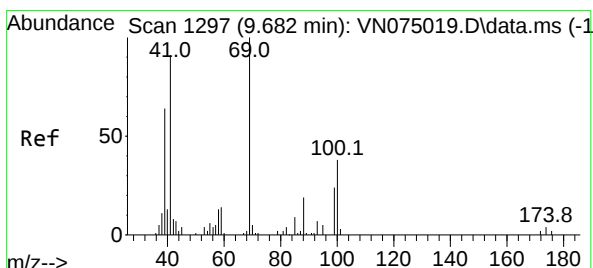
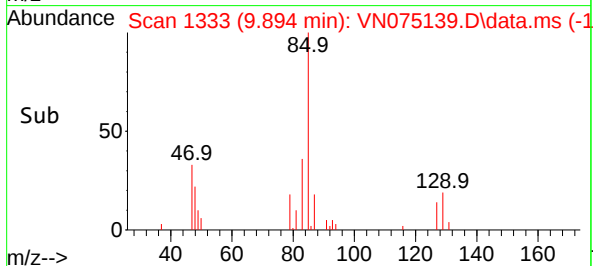
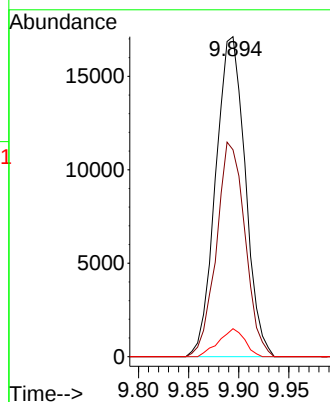
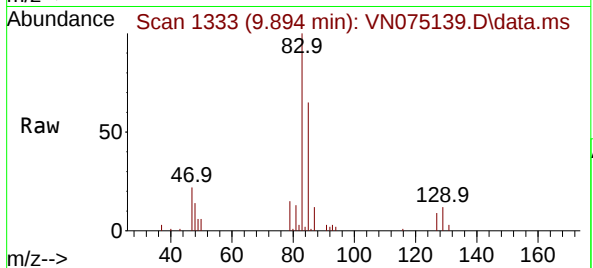
Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.1	78.1
127	8.8	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#48

Methyl methacrylate

Concen: 20.408 ug/l

RT: 9.688 min Scan# 1298

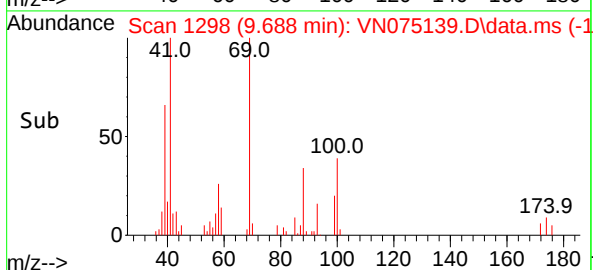
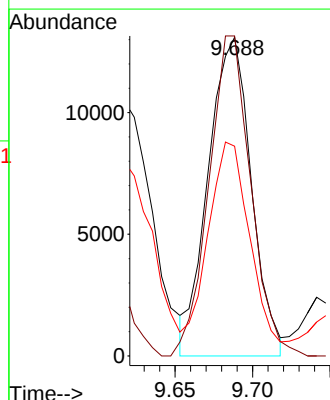
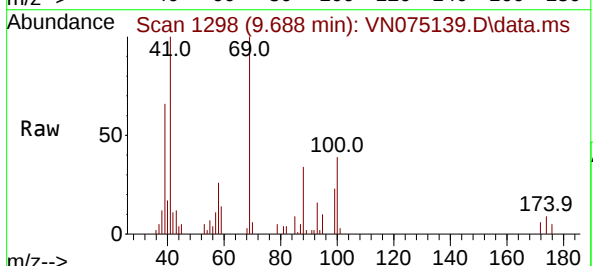
Delta R.T. 0.006 min

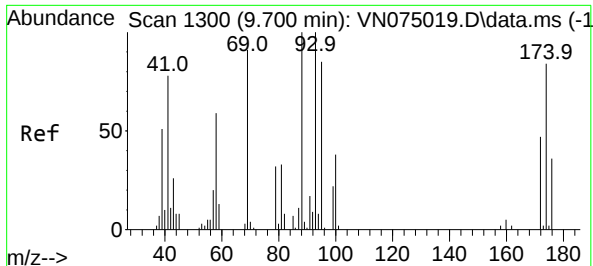
Lab File: VN075139.D

Acq: 03 Nov 2022 13:01

Tgt Ion: 41 Resp: 25306

Ion	Ratio	Lower	Upper
41	100		
69	97.6	80.2	120.2
39	67.1	56.2	84.2





#49

1,4-Dioxane

Concen: 424.818 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075139.D

Acq: 03 Nov 2022 13:01

Instrument :

MSVOA_N

ClientSampleId :

VN1103WBS01

Tgt Ion: 88 Resp: 13794

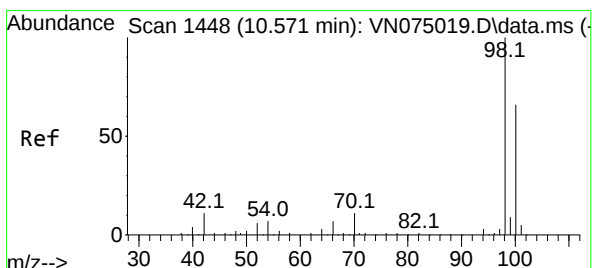
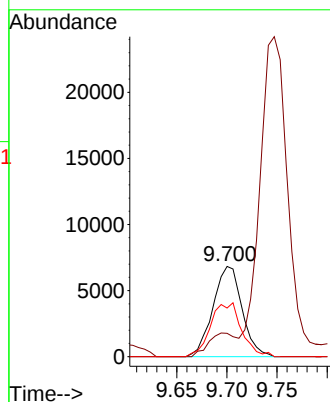
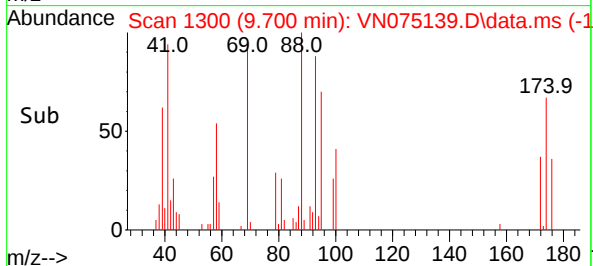
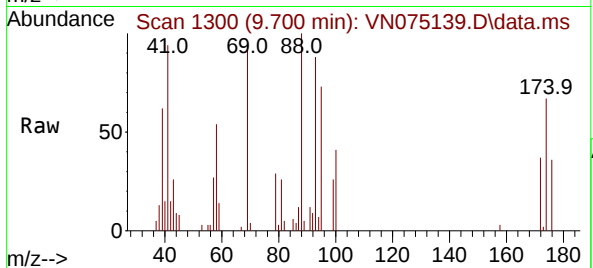
Ion	Ratio	Lower	Upper
88	100		
43	25.9	17.5	26.3
58	63.4	49.8	74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#50

Toluene-d8

Concen: 55.384 ug/l

RT: 10.571 min Scan# 1448

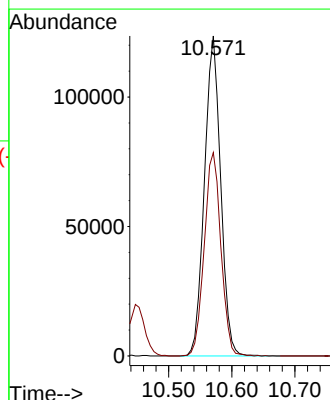
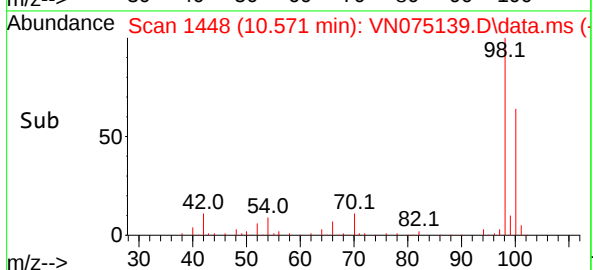
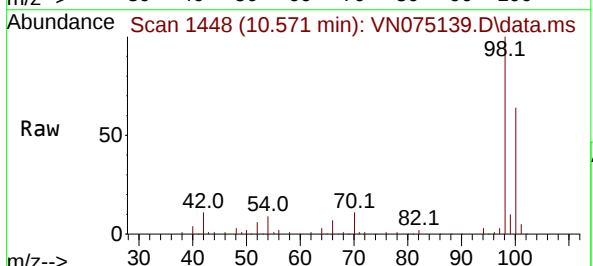
Delta R.T. -0.000 min

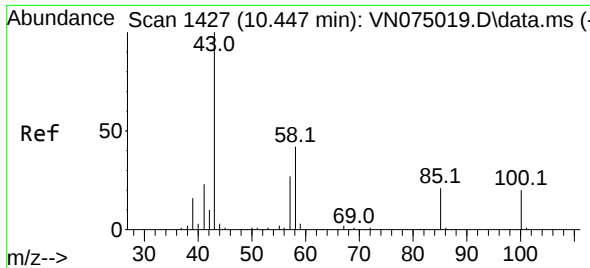
Lab File: VN075139.D

Acq: 03 Nov 2022 13:01

Tgt Ion: 98 Resp: 220553

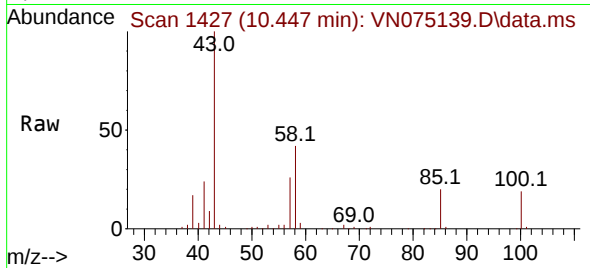
Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.0	79.6





#51
4-Methyl-2-Pentanone
Concen: 105.994 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

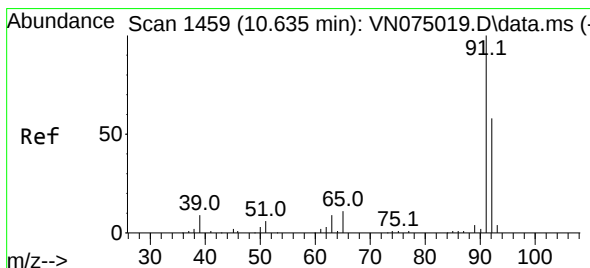
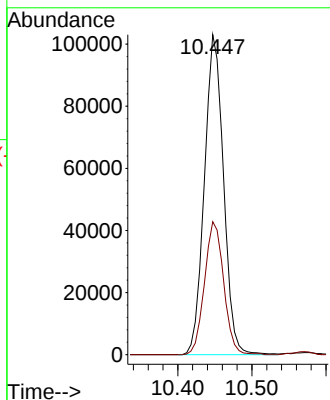
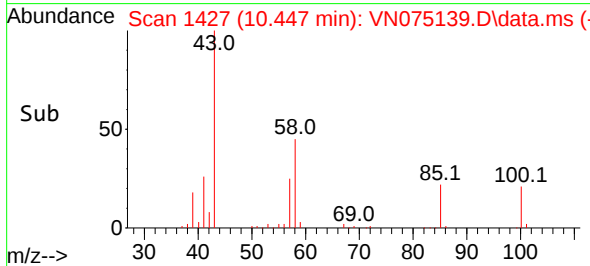
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBS01



Tgt Ion: 43 Resp: 18489
Ion Ratio Lower Upper
43 100
58 41.6 33.6 50.4

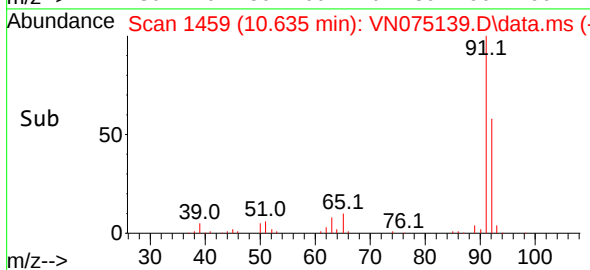
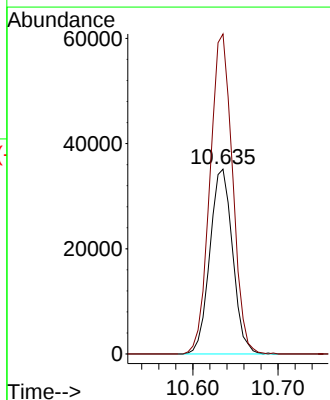
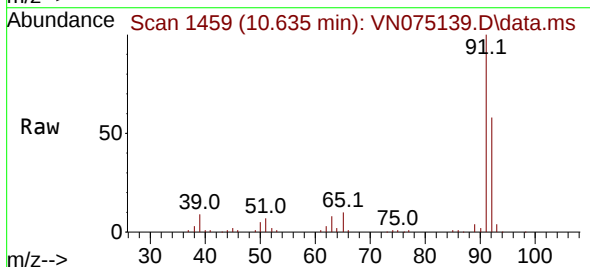
Manual Integrations
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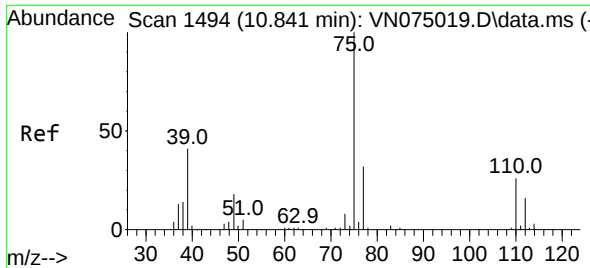
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#52
Toluene
Concen: 20.016 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

Tgt Ion: 92 Resp: 65100
Ion Ratio Lower Upper
92 100
91 172.1 135.4 203.2





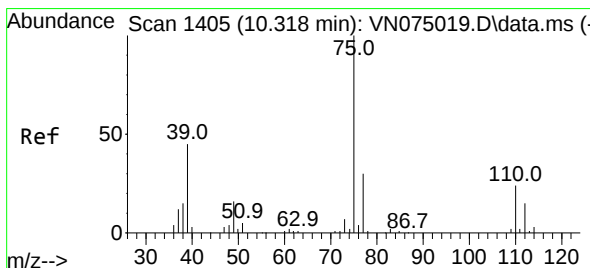
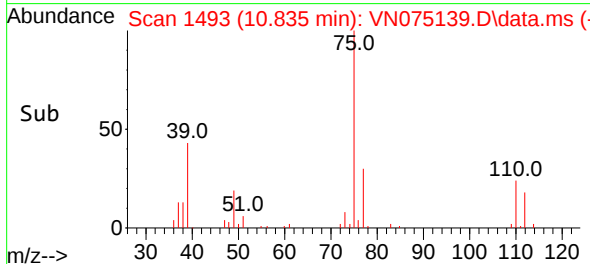
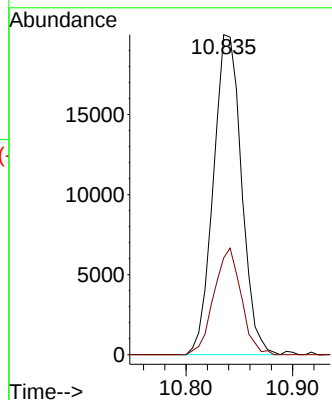
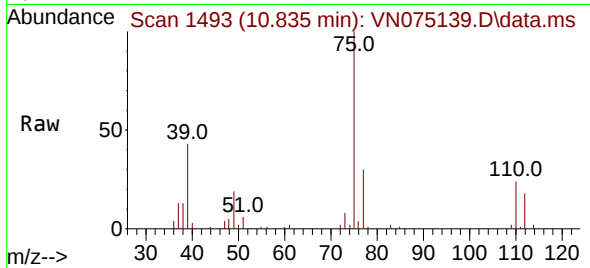
#53
 t-1,3-Dichloropropene
 Concen: 19.894 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.006 min
 Lab File: VN075139.D
 Acq: 03 Nov 2022 13:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1103WBS01

Tgt Ion: 75 Resp: 3668
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.4 38.2

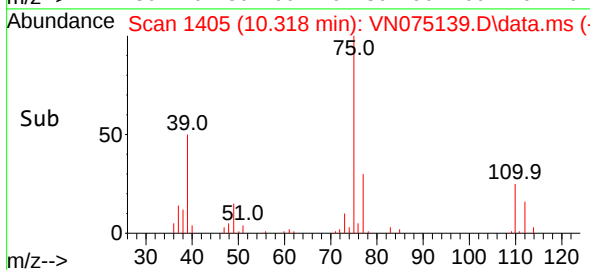
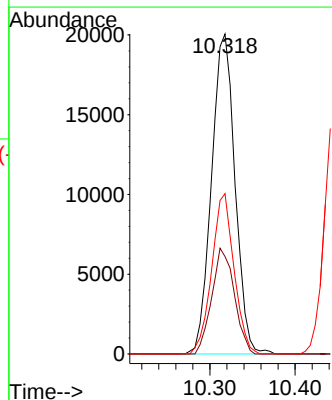
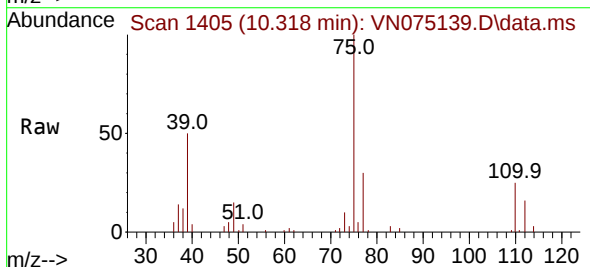
Manual Integrations
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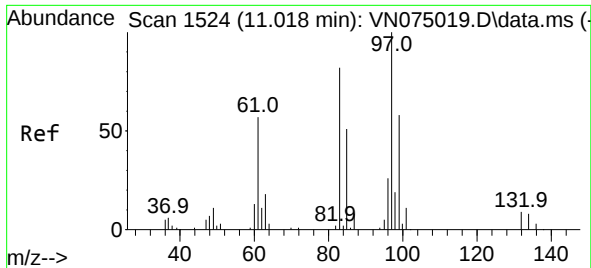
Reviewed By :John Carlone 11/04/2022
 Supervised By :Mahesh Dadoda 11/04/2022



#54
 cis-1,3-Dichloropropene
 Concen: 19.625 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. -0.000 min
 Lab File: VN075139.D
 Acq: 03 Nov 2022 13:01

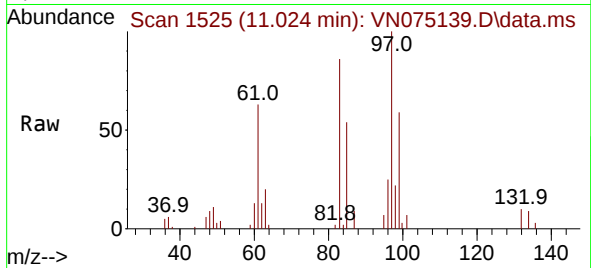
Tgt Ion: 75 Resp: 38381
 Ion Ratio Lower Upper
 75 100
 77 30.5 23.7 35.5
 39 50.1 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 20.116 ug/l
RT: 11.024 min Scan# 11024
Delta R.T. 0.006 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

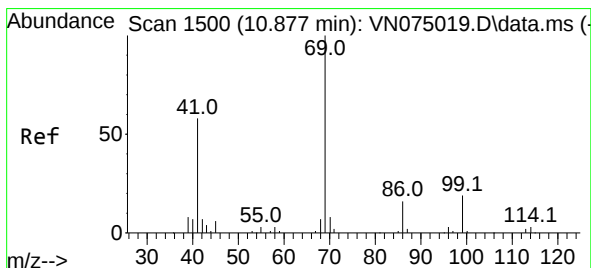
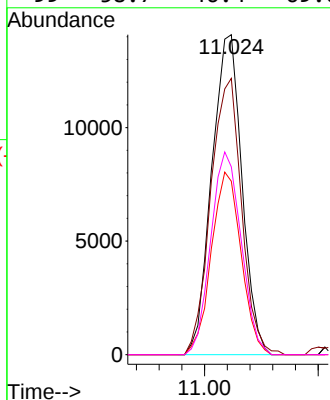
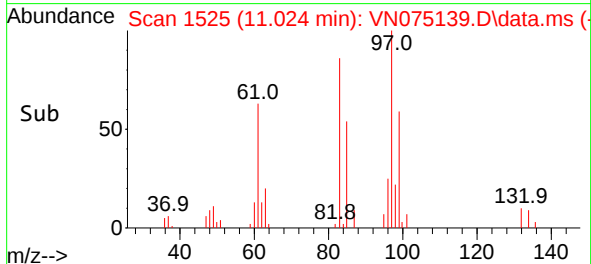
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.3	65.9	98.9
85	54.2	40.4	60.6
99	58.7	46.4	69.6

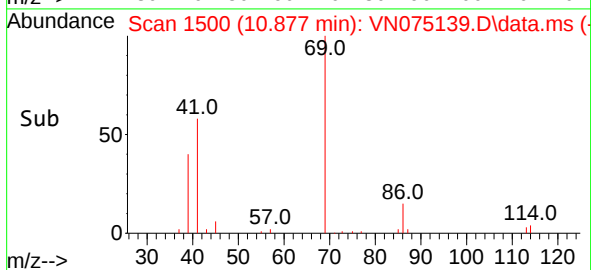
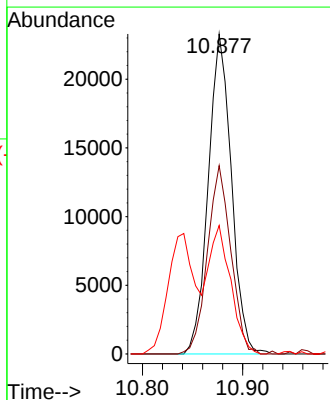
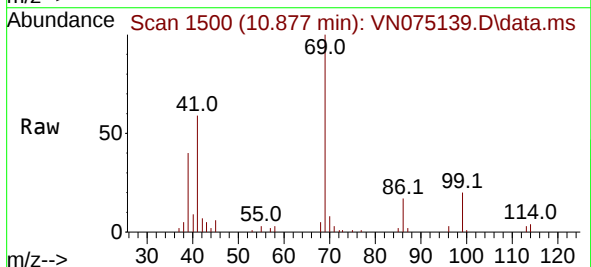
Manual Integrations
APPROVED

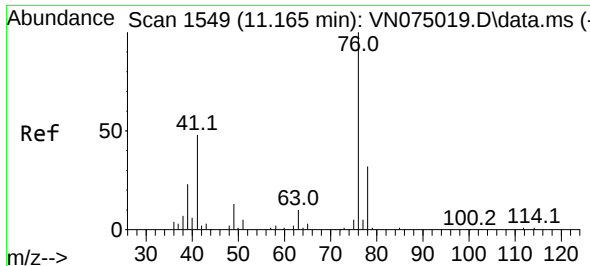
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#56
Ethyl methacrylate
Concen: 18.945 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.6	45.6	68.4
39	38.5	28.5	42.7





#57

1,3-Dichloropropane

Concen: 20.758 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075139.D

Acq: 03 Nov 2022 13:01

Instrument :

MSVOA_N

ClientSampleId :

VN1103WBS01

Tgt Ion: 76 Resp: 44580

Ion Ratio Lower Upper

76 100

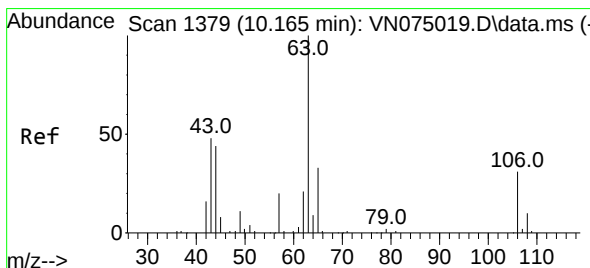
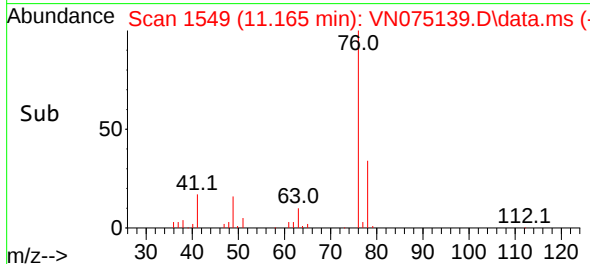
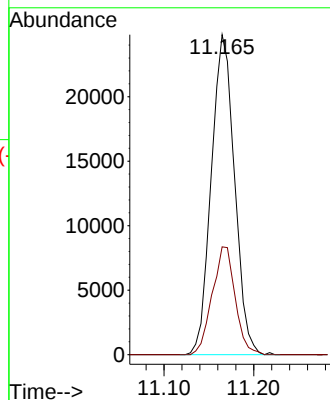
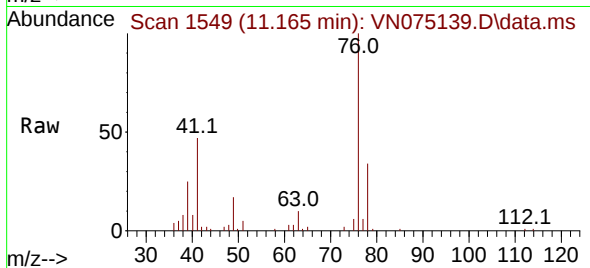
78 33.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#58

2-Chloroethyl Vinyl ether

Concen: 92.755 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075139.D

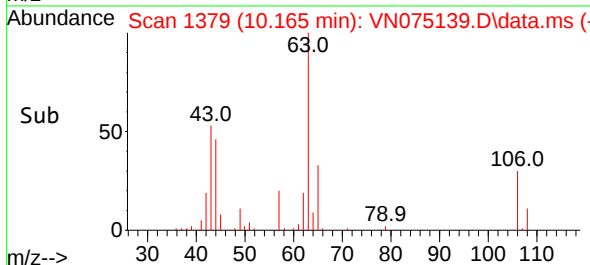
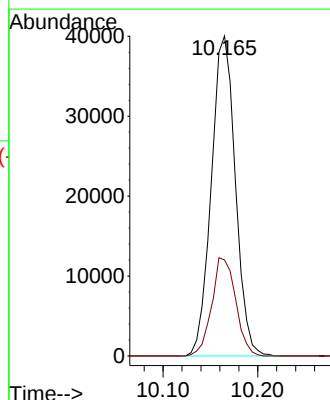
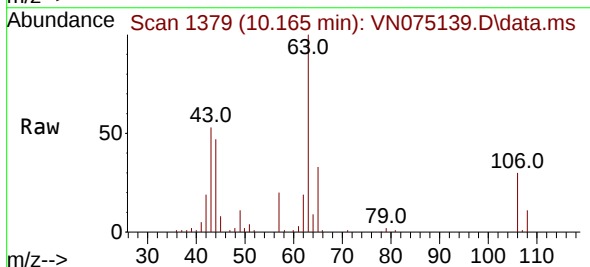
Acq: 03 Nov 2022 13:01

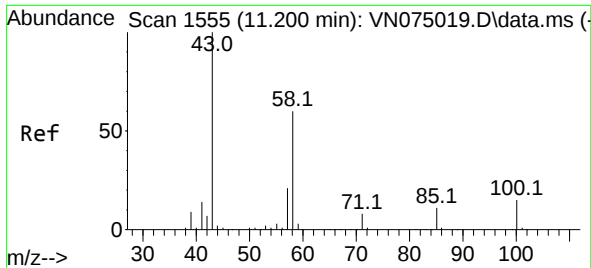
Tgt Ion: 63 Resp: 70540

Ion Ratio Lower Upper

63 100

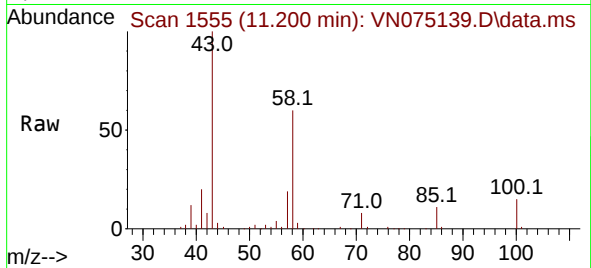
106 30.5 24.8 37.2





#59
2-Hexanone
Concen: 106.354 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

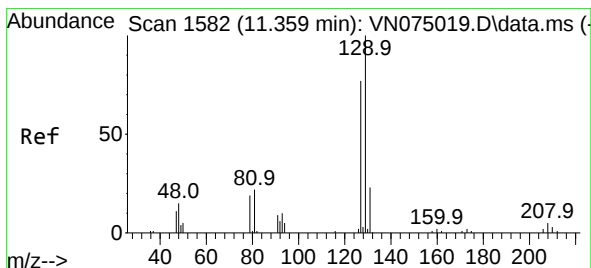
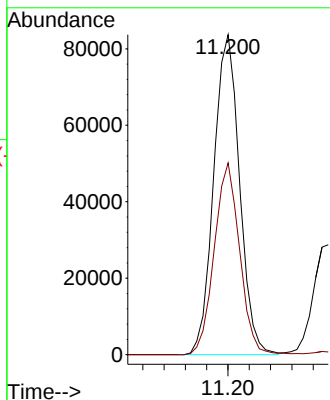
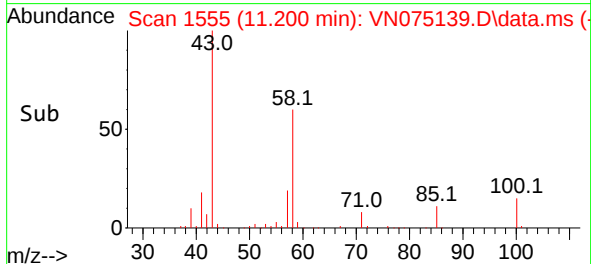
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBS01



Tgt Ion: 43 Resp: 14080
Ion Ratio Lower Upper
43 100
58 58.8 29.6 88.8

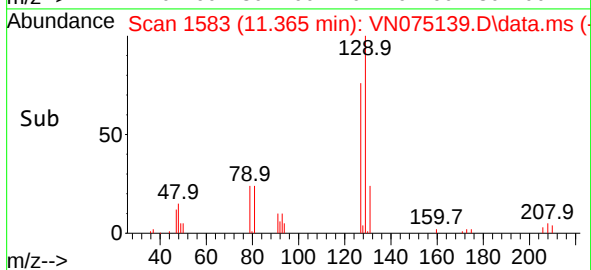
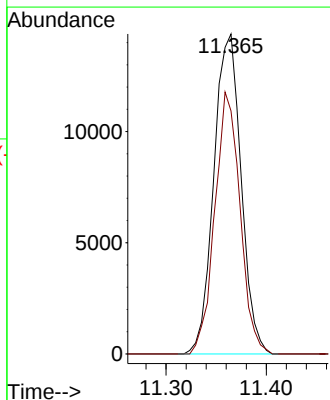
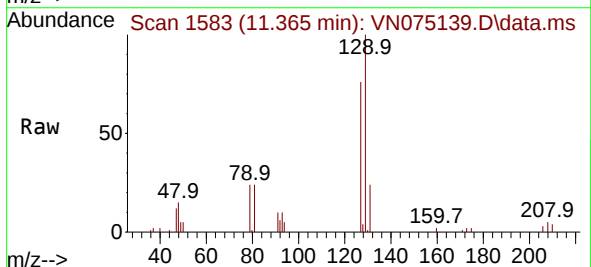
Manual Integrations
APPROVED

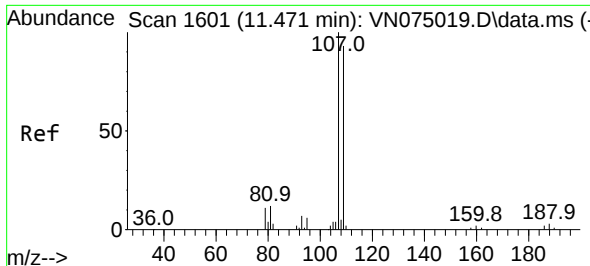
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#60
Dibromochloromethane
Concen: 19.979 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

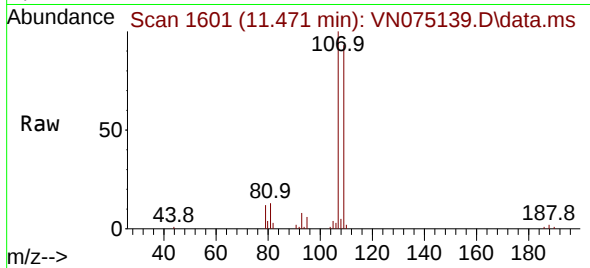
Tgt Ion:129 Resp: 27183
Ion Ratio Lower Upper
129 100
127 75.8 38.6 115.8





#61
1,2-Dibromoethane
Concen: 20.130 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

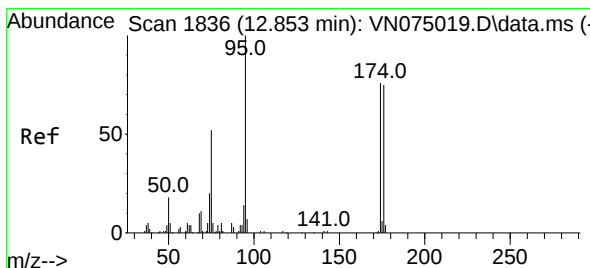
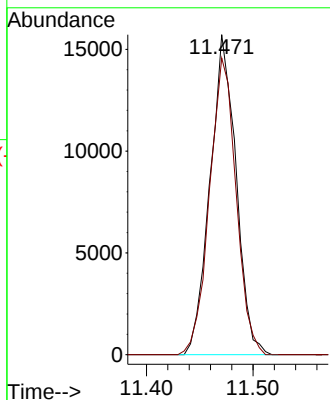
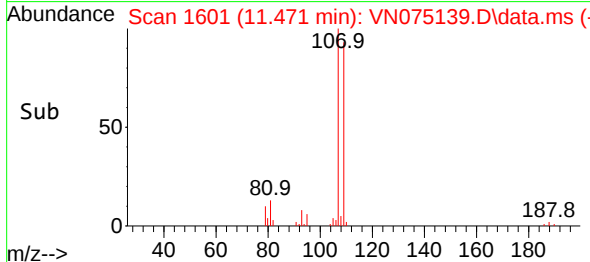
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBS01



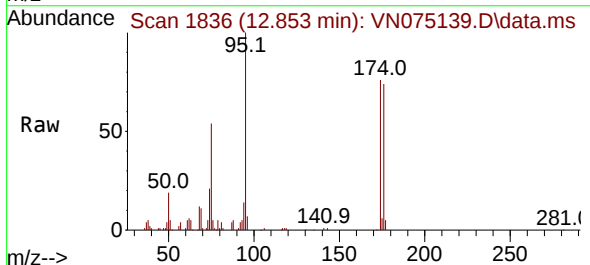
Tgt Ion:107 Resp: 26604
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4

Manual Integrations
APPROVED

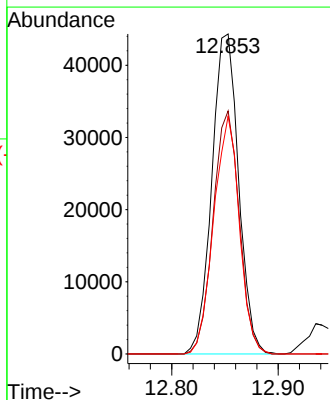
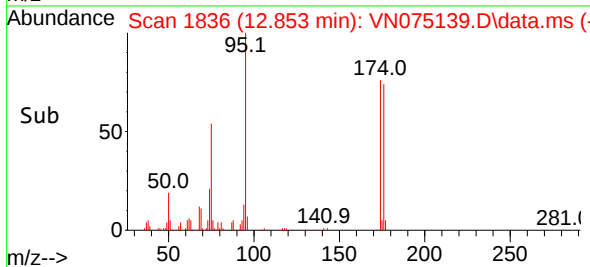
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

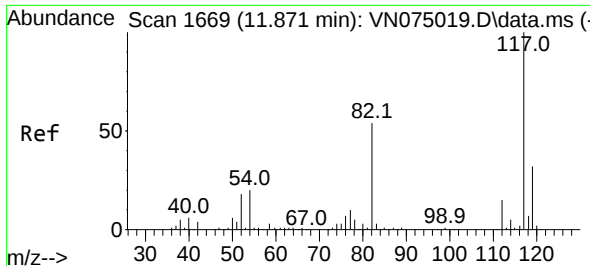


#62
4-Bromofluorobenzene
Concen: 55.314 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01



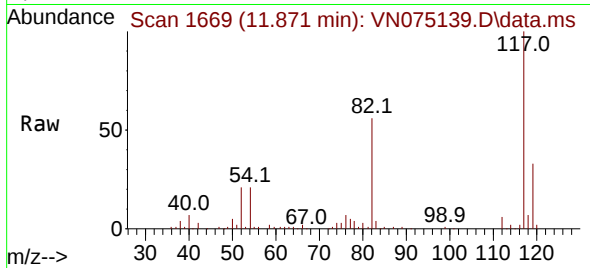
Tgt Ion: 95 Resp: 77378
Ion Ratio Lower Upper
95 100
174 74.1 0.0 147.4
176 71.3 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

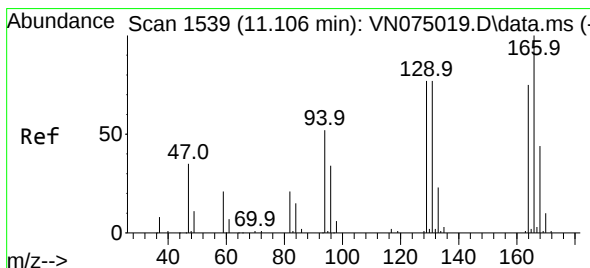
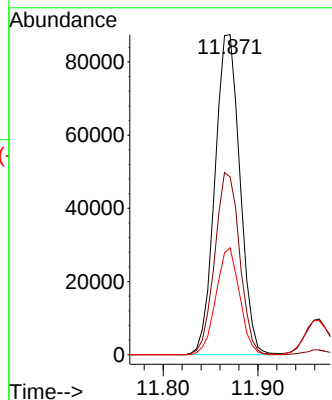
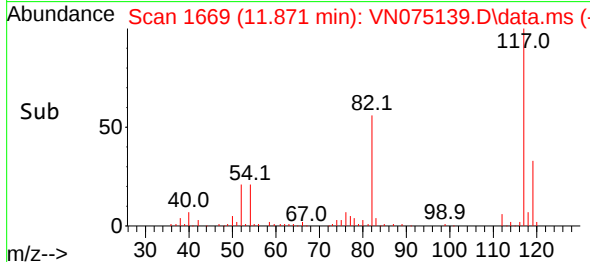
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBS01



Tgt Ion:117 Resp: 160715
Ion Ratio Lower Upper
117 100
82 55.5 43.1 64.7
119 33.4 25.5 38.3

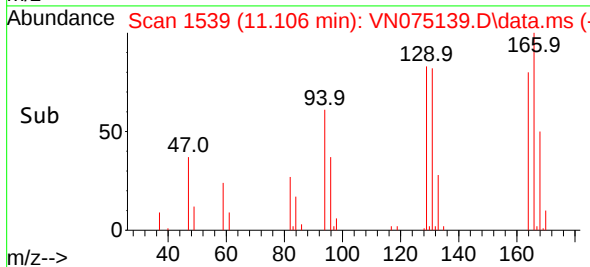
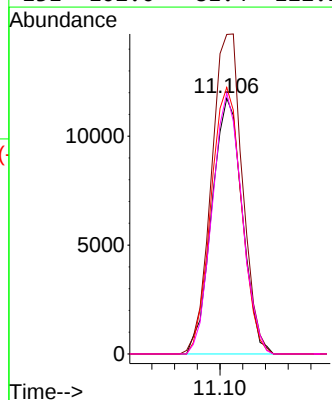
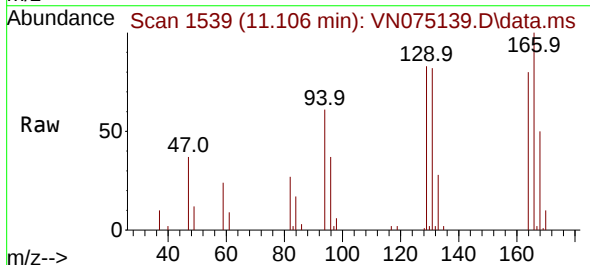
Manual Integrations
APPROVED

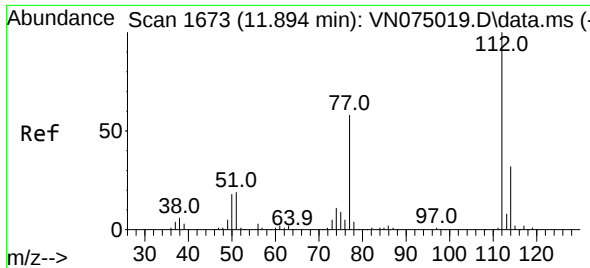
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#64
Tetrachloroethene
Concen: 22.154 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

Tgt Ion:164 Resp: 21829
Ion Ratio Lower Upper
164 100
166 125.0 106.5 159.7
129 104.3 81.9 122.9
131 102.0 81.4 122.2





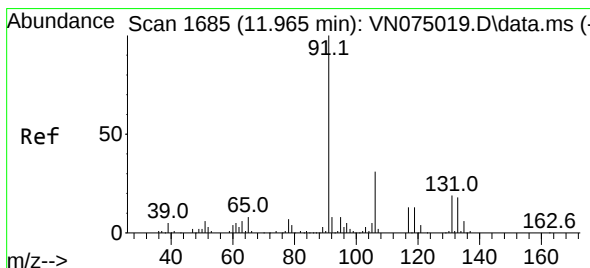
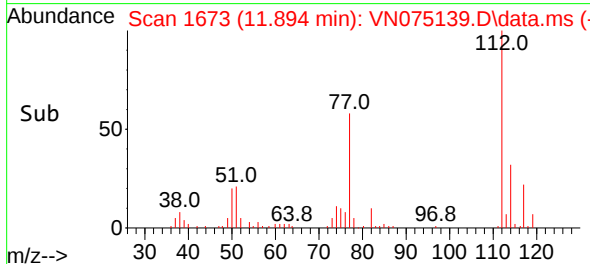
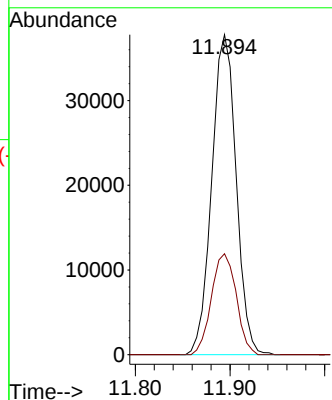
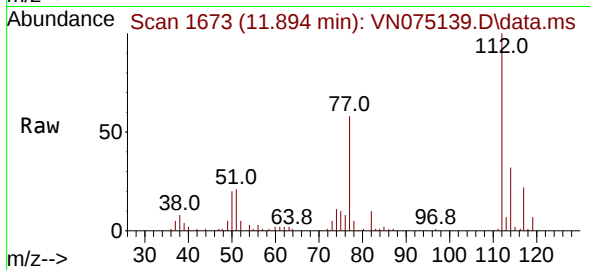
#65
Chlorobenzene
Concen: 19.679 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

Instrument :
MSVOA_N
ClientSampleId :
VN1103WBS01

Tgt Ion:112 Resp: 67509
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.2

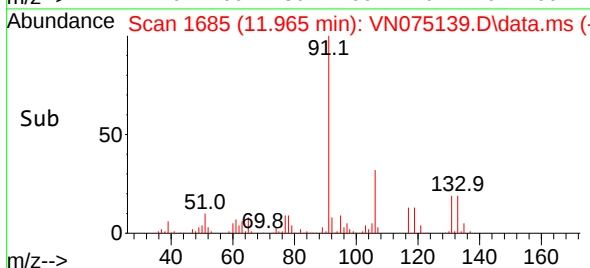
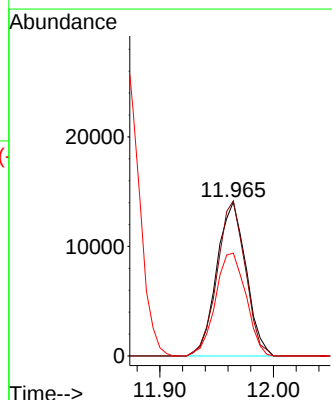
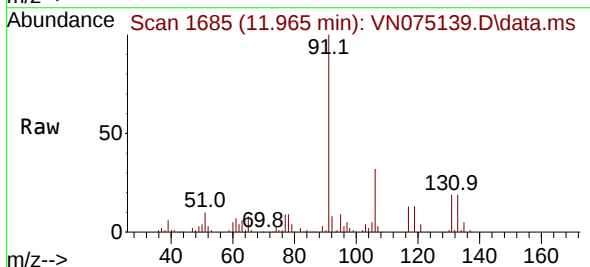
Manual Integrations
APPROVED

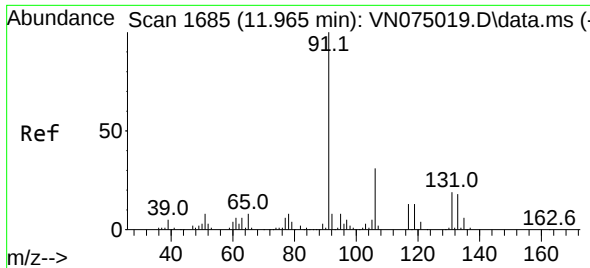
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.798 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

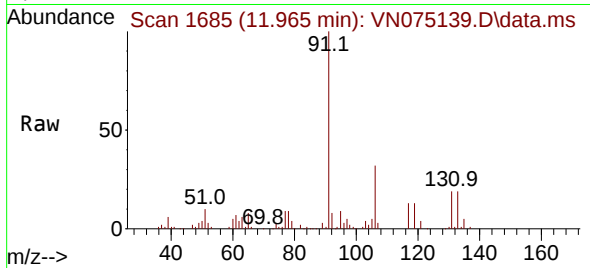
Tgt Ion:131 Resp: 25195
Ion Ratio Lower Upper
131 100
133 96.6 47.8 143.4
119 69.6 33.0 99.0





#67
Ethyl Benzene
Concen: 20.170 ug/l
RT: 11.965 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

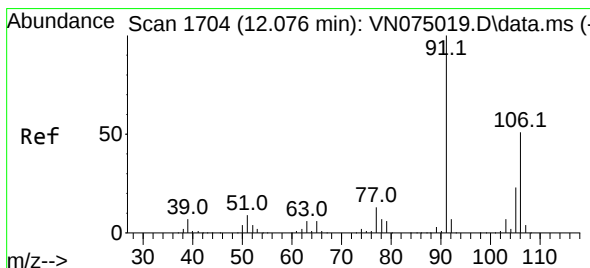
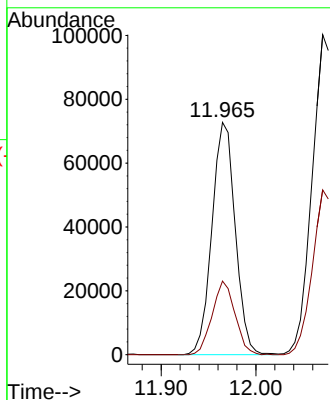
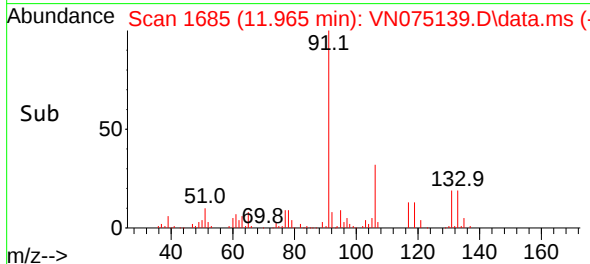
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBS01



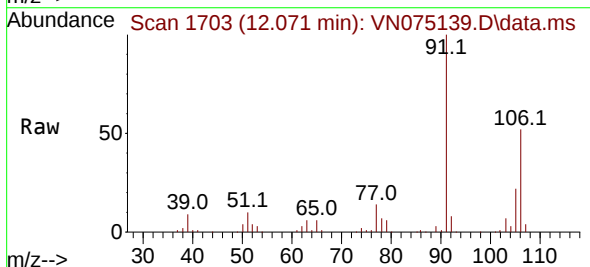
Tgt Ion: 91 Resp: 124480
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

Manual Integrations
APPROVED

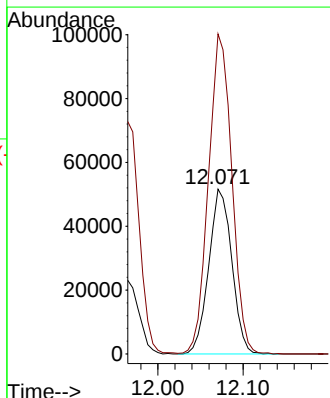
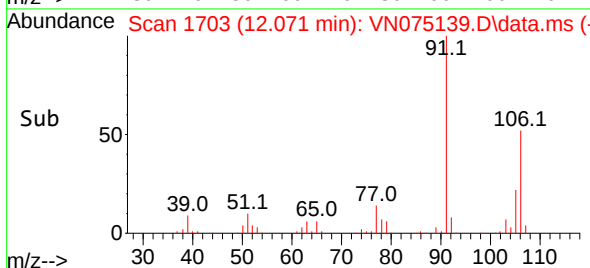
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

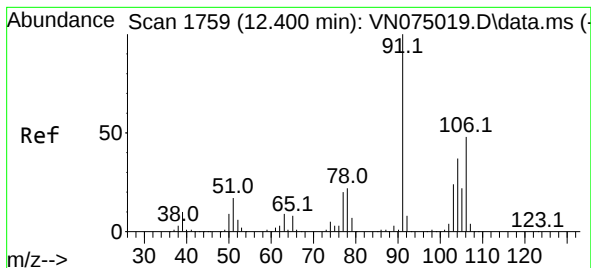


#68
m/p-Xylenes
Concen: 39.137 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.005 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01



Tgt Ion:106 Resp: 96923
Ion Ratio Lower Upper
106 100
91 197.1 156.0 234.0





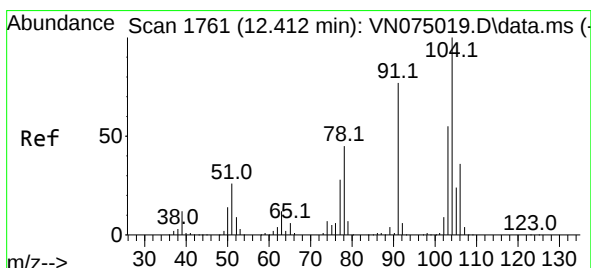
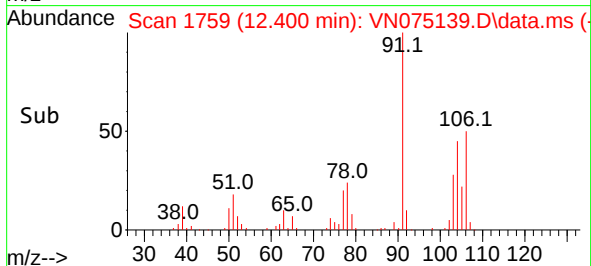
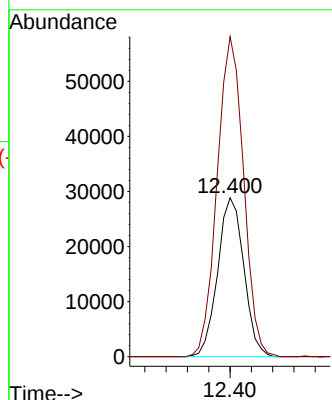
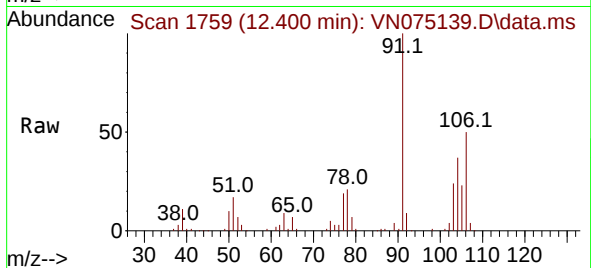
#69
o-Xylene
Concen: 20.101 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

Instrument :
MSVOA_N
ClientSampleId :
VN1103WBS01

Tgt Ion:106 Resp: 49230
Ion Ratio Lower Upper
106 100
91 203.1 105.2 315.5

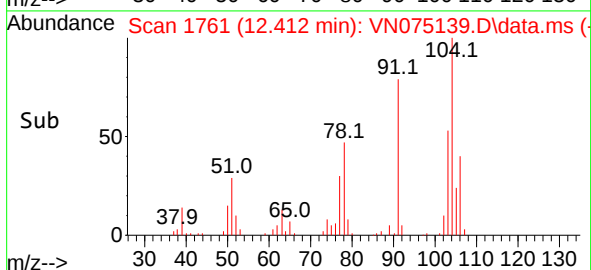
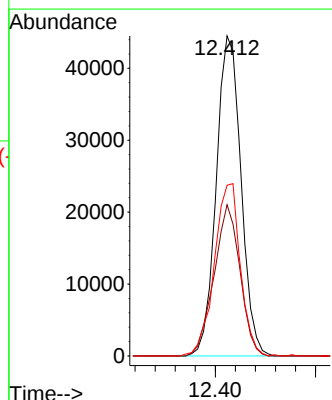
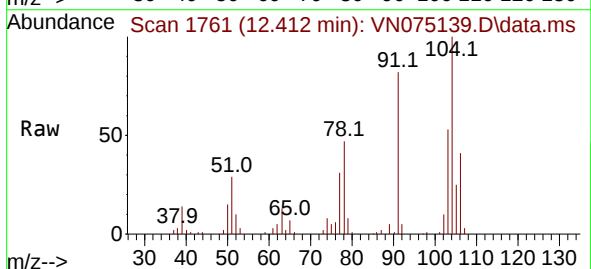
Manual Integrations
APPROVED

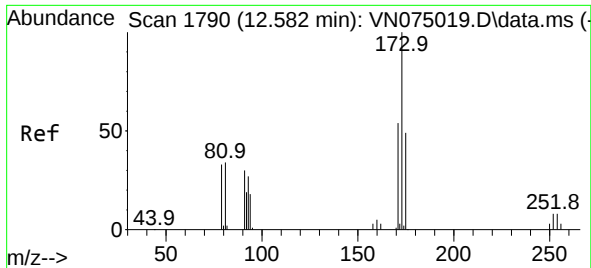
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#70
Styrene
Concen: 19.529 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

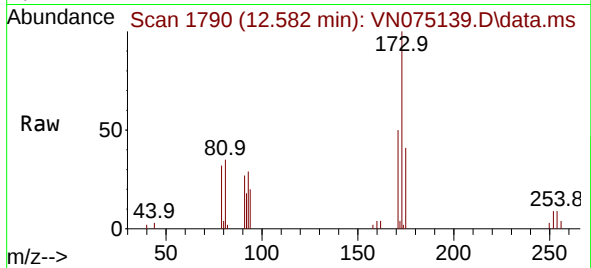
Tgt Ion:104 Resp: 76264
Ion Ratio Lower Upper
104 100
78 49.5 38.1 57.1
103 56.6 44.6 66.8





#71
Bromoform
Concen: 19.284 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

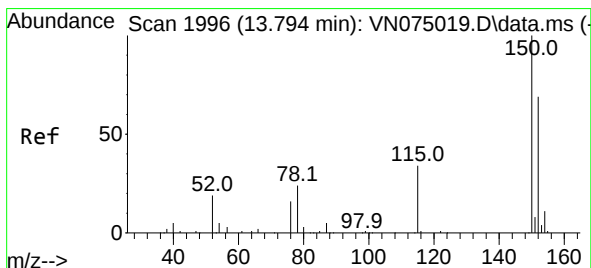
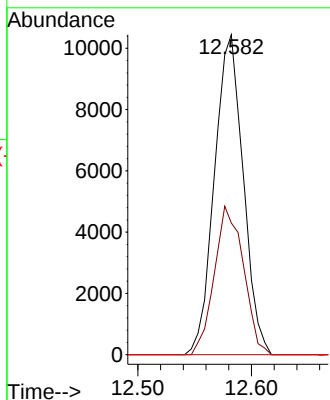
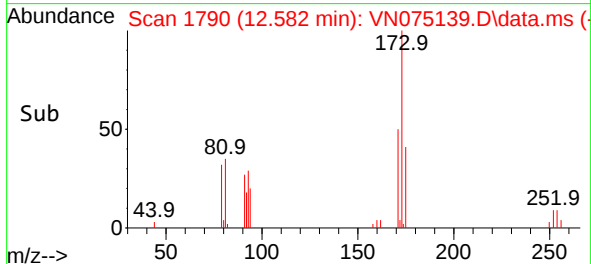
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBS01



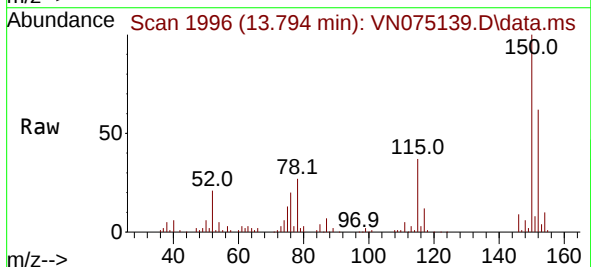
Tgt Ion:173 Resp: 1837
Ion Ratio Lower Upper
173 100
175 47.0 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

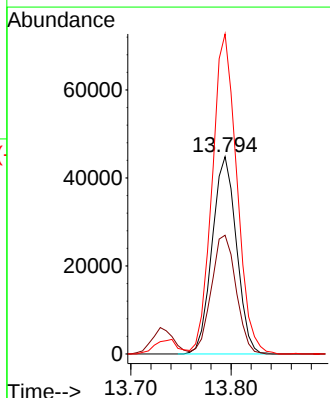
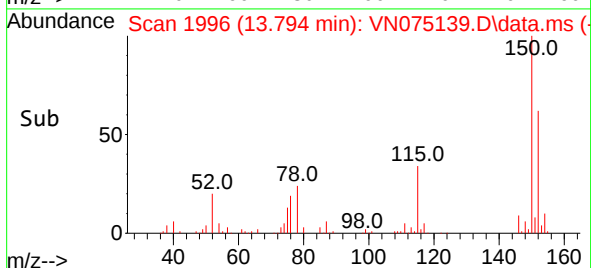
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

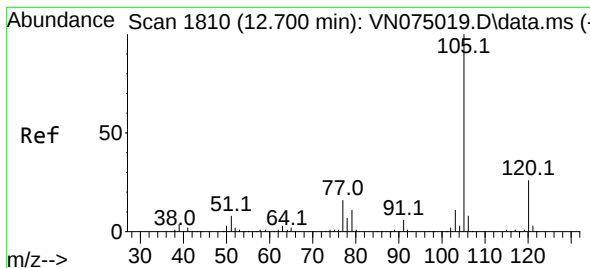


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01



Tgt Ion:152 Resp: 75350
Ion Ratio Lower Upper
152 100
115 61.4 30.2 90.6
150 164.7 0.0 348.4





#73

Isopropylbenzene

Concen: 20.266 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VN075139.D

Acq: 03 Nov 2022 13:01

Instrument :

MSVOA_N

ClientSampleId :

VN1103WBS01

Tgt Ion:105 Resp: 12259

Ion Ratio Lower Upper

105 100

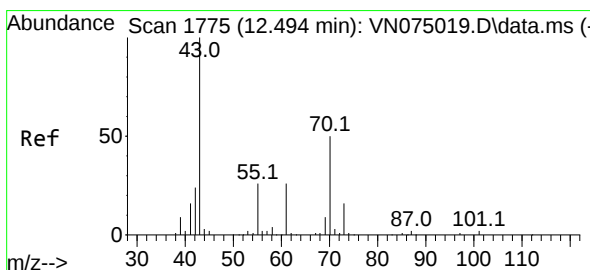
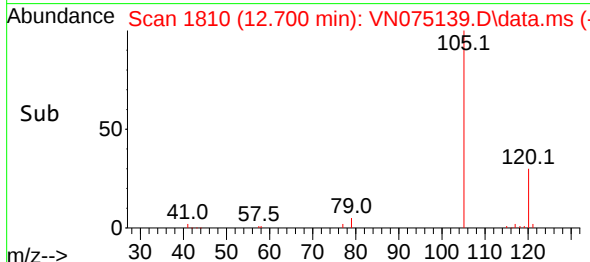
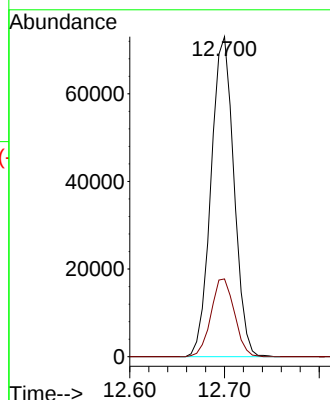
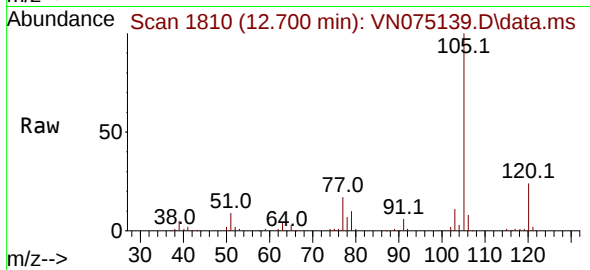
120 24.9 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#74

N-ethyl acetate

Concen: 20.348 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN075139.D

Acq: 03 Nov 2022 13:01

Tgt Ion: 43 Resp: 45524

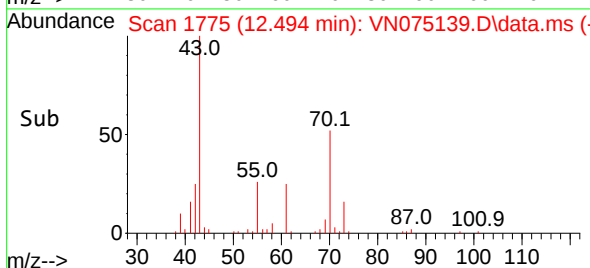
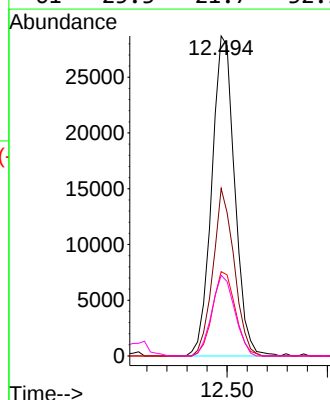
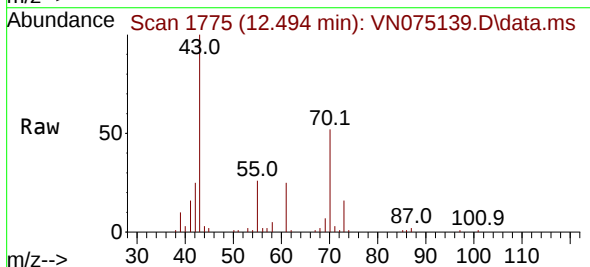
Ion Ratio Lower Upper

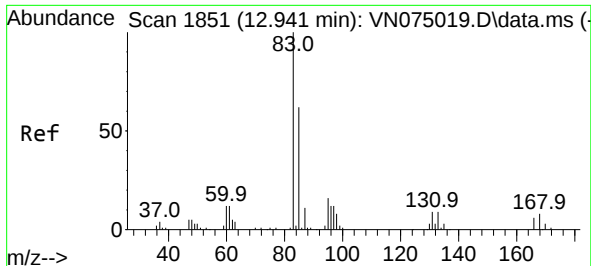
43 100

70 48.4 39.8 59.8

55 26.4 19.9 29.9

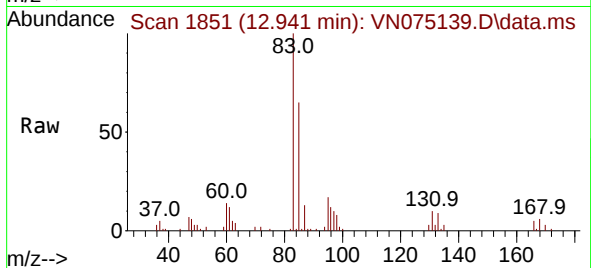
61 25.3 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 21.408 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

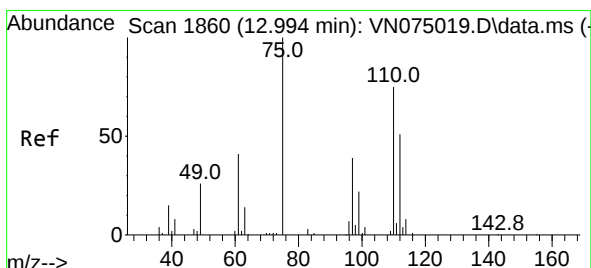
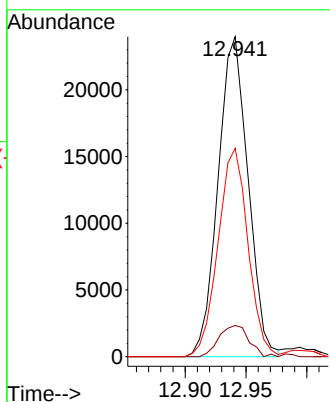
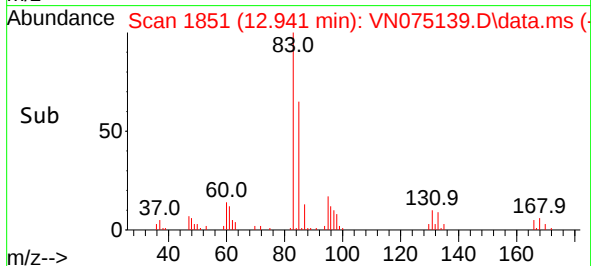
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBS01



Tgt Ion: 83 Resp: 41170
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.3
85 64.7 31.6 94.7

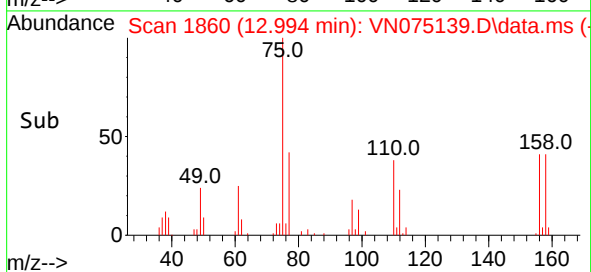
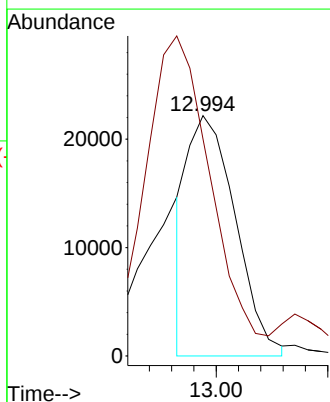
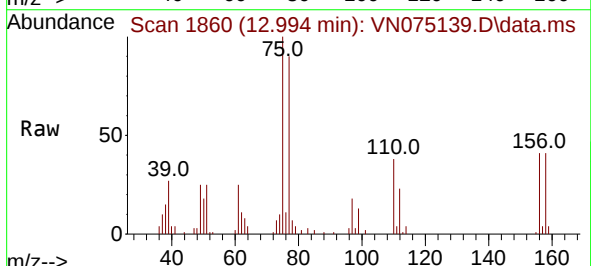
Manual Integrations
APPROVED

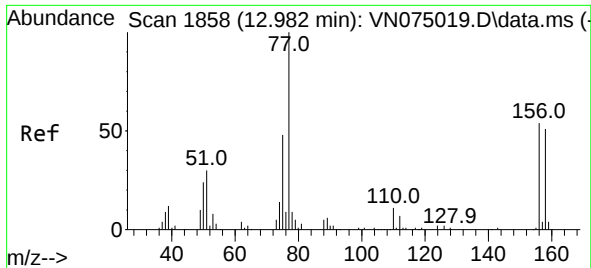
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#76
1,2,3-Trichloropropane
Concen: 20.743 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

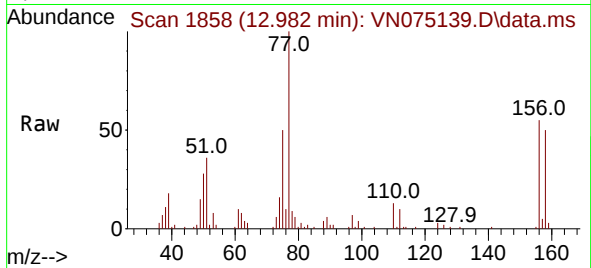
Tgt Ion: 75 Resp: 33186
Ion Ratio Lower Upper
75 100
77 184.4 75.6 226.8





#77
Bromobenzene
Concen: 20.804 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

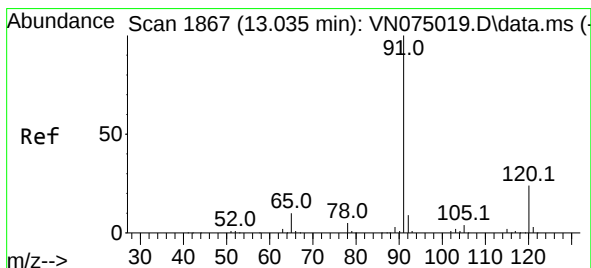
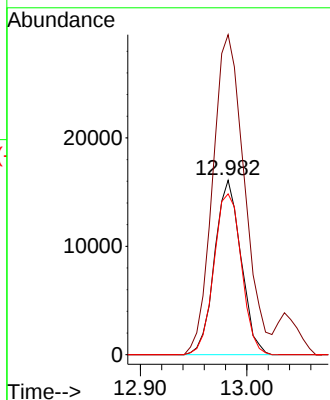
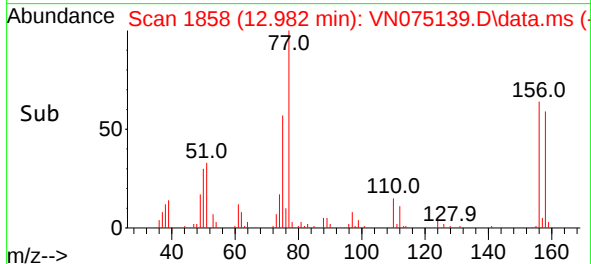
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBS01



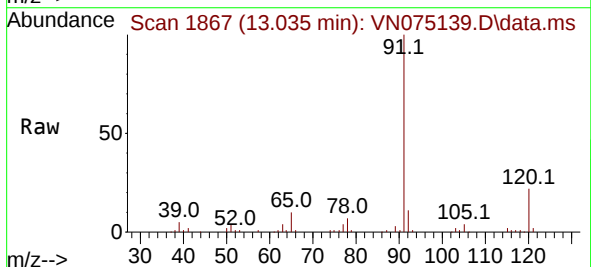
Tgt Ion:156 Resp: 27710
Ion Ratio Lower Upper
156 100
77 220.9 108.5 325.5
158 96.0 47.7 143.1

Manual Integrations
APPROVED

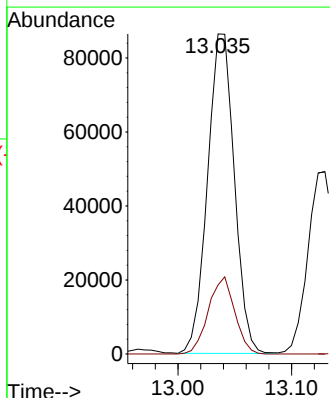
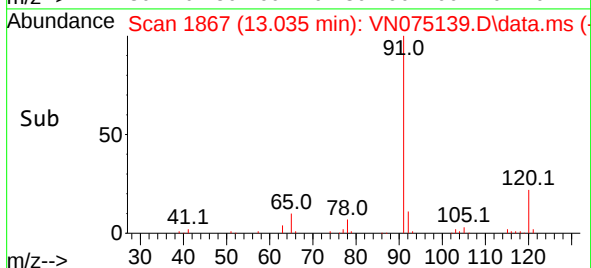
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

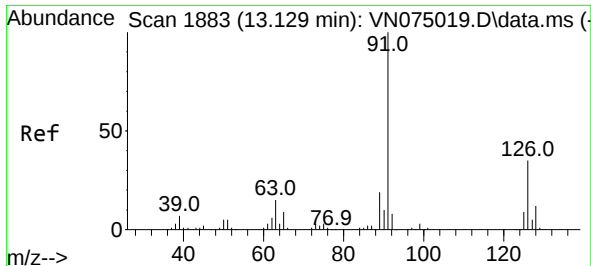


#78
n-propylbenzene
Concen: 20.893 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01



Tgt Ion: 91 Resp: 141898
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.5





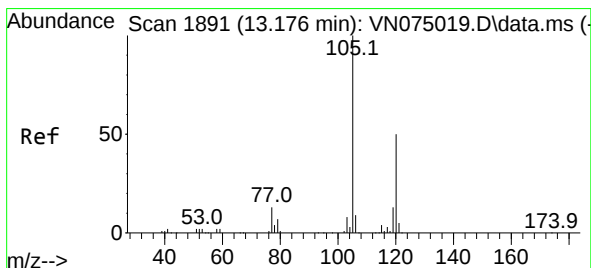
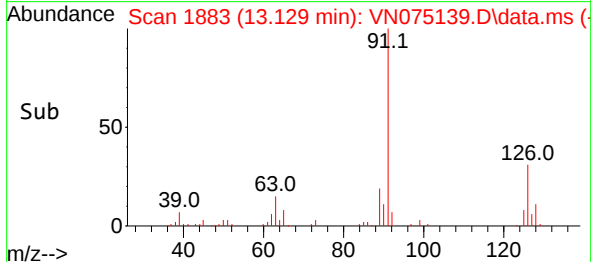
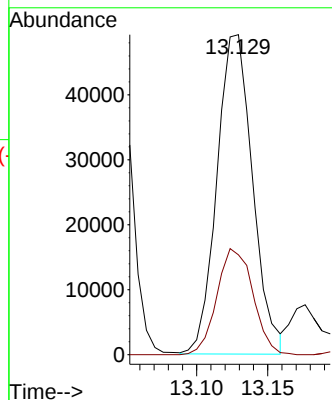
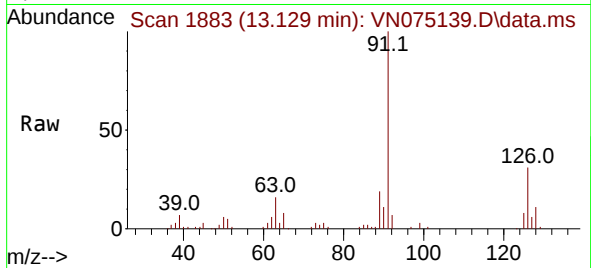
#79
2-Chlorotoluene
Concen: 20.737 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

Instrument :
MSVOA_N
ClientSampleId :
VN1103WBS01

Tgt Ion: 91 Resp: 86062
Ion Ratio Lower Upper
91 100
126 33.5 16.9 50.7

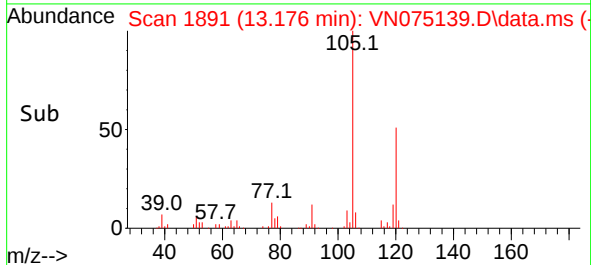
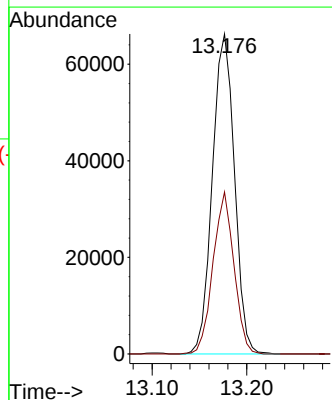
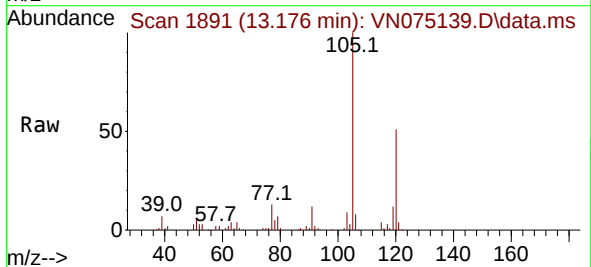
Manual Integrations
APPROVED

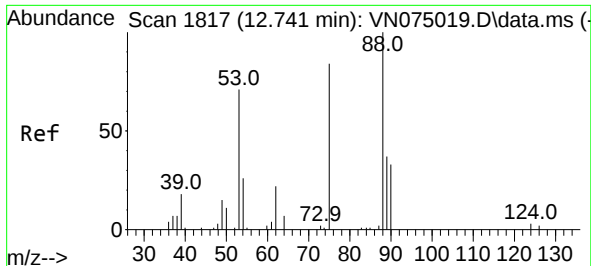
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#80
1,3,5-Trimethylbenzene
Concen: 21.108 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

Tgt Ion:105 Resp: 107247
Ion Ratio Lower Upper
105 100
120 48.0 24.7 74.1





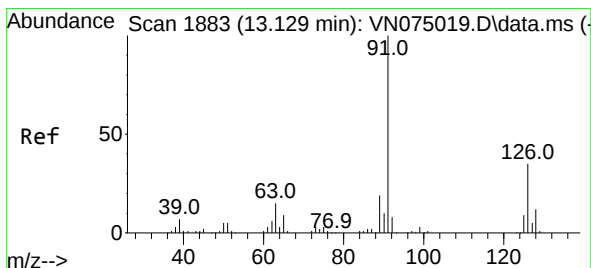
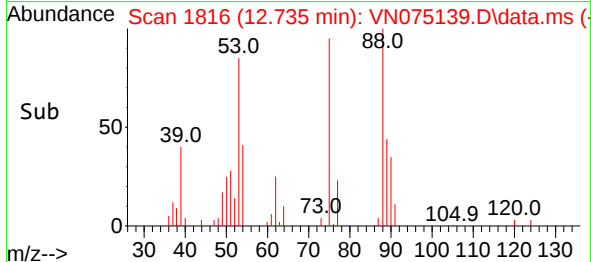
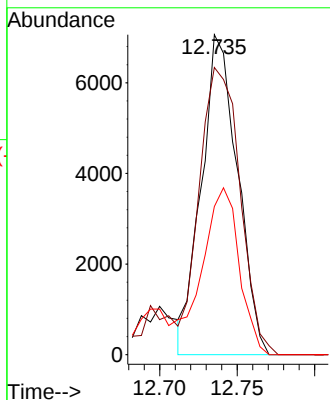
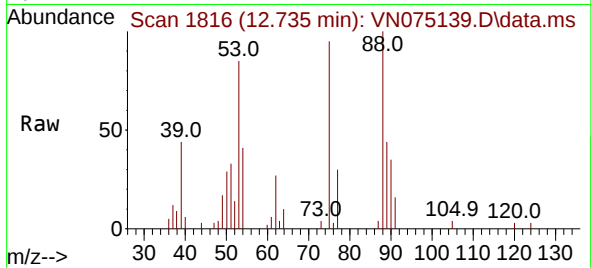
#81
trans-1,4-Dichloro-2-butene
Concen: 18.333 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

Instrument :
MSVOA_N
ClientSampleId :
VN1103WBS01

Tgt Ion: 75 Resp: 11420
Ion Ratio Lower Upper
75 100
53 101.0 78.5 117.7
89 52.4 37.7 56.5

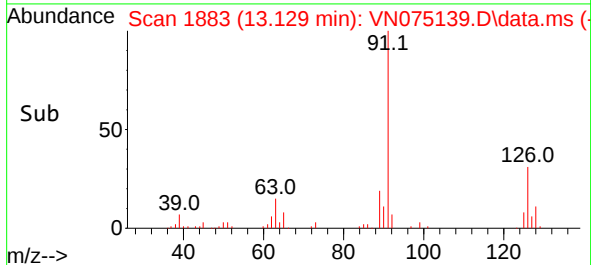
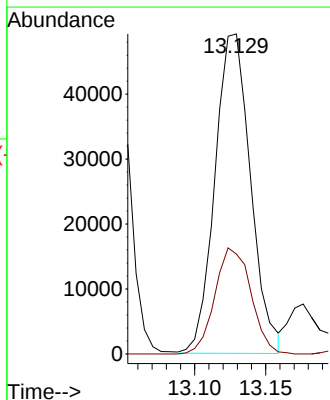
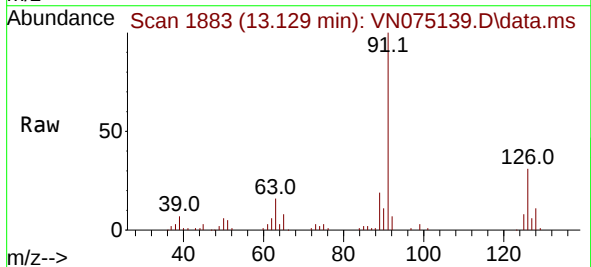
Manual Integrations
APPROVED

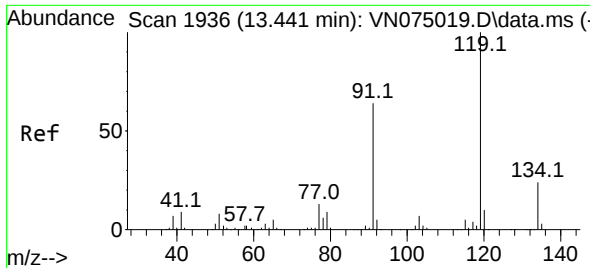
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#82
4-Chlorotoluene
Concen: 20.737 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

Tgt Ion: 91 Resp: 86062
Ion Ratio Lower Upper
91 100
126 33.5 16.9 50.7





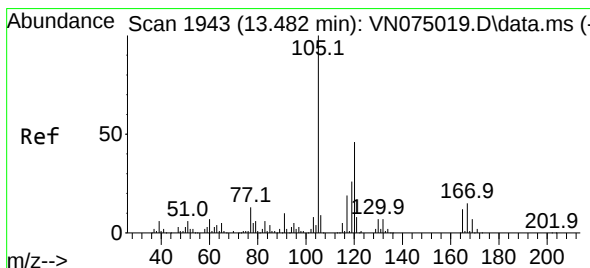
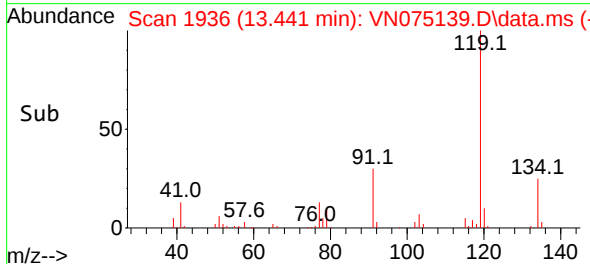
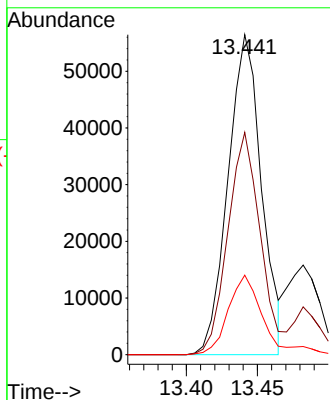
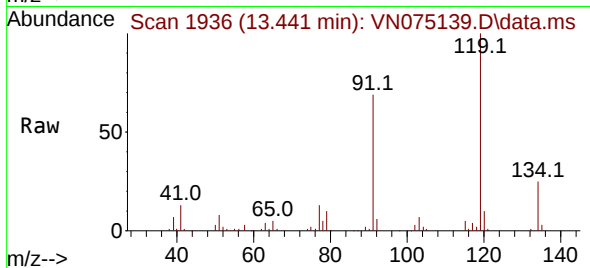
#83
tert-Butylbenzene
Concen: 20.540 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

Instrument :
MSVOA_N
ClientSampleId :
VN1103WBS01

Tgt Ion:119 Resp: 92738
Ion Ratio Lower Upper
119 100
91 67.9 32.8 98.4
134 26.0 12.3 36.9

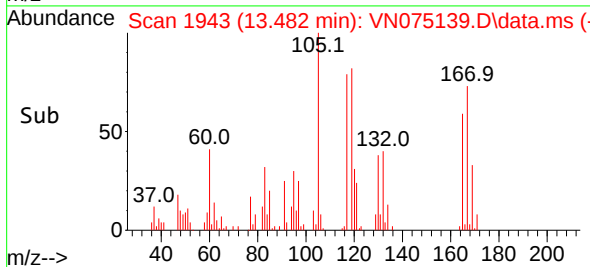
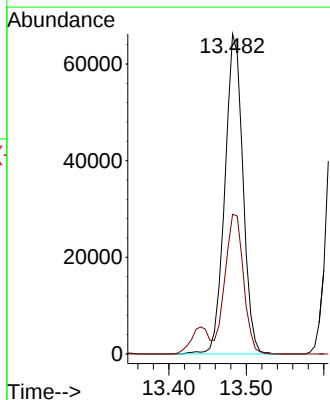
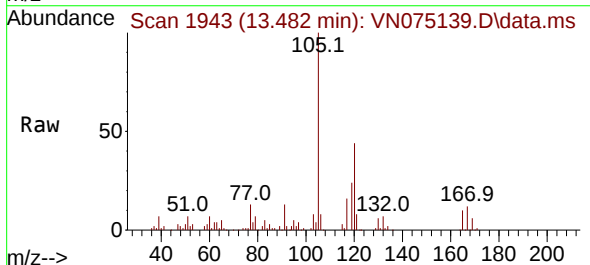
Manual Integrations
APPROVED

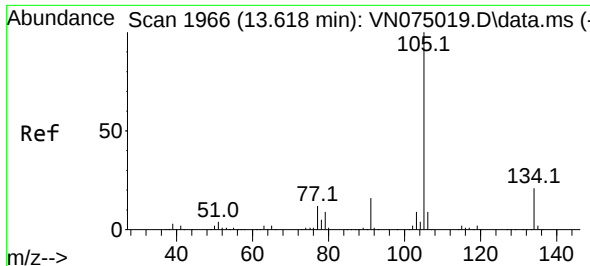
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.871 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

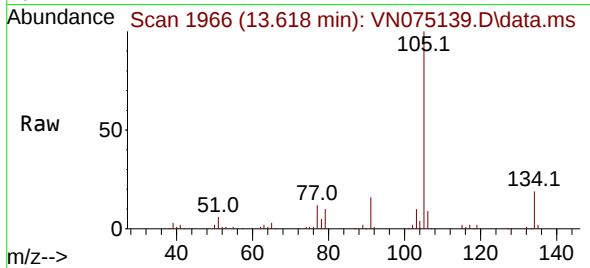
Tgt Ion:105 Resp: 107292
Ion Ratio Lower Upper
105 100
120 44.3 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 20.934 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075139.D
 Acq: 03 Nov 2022 13:01

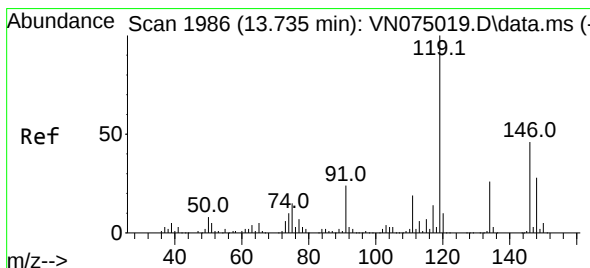
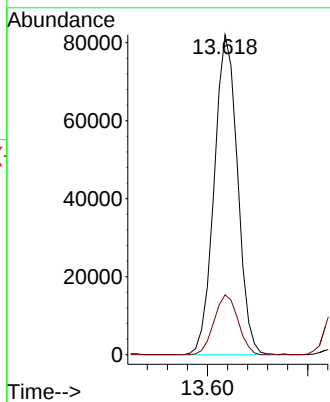
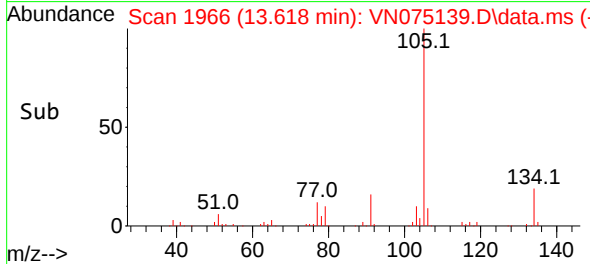
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1103WBS01



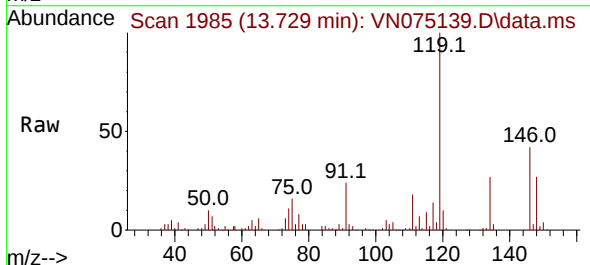
Tgt Ion:105 Resp: 132214
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.2 30.6

Manual Integrations
 APPROVED

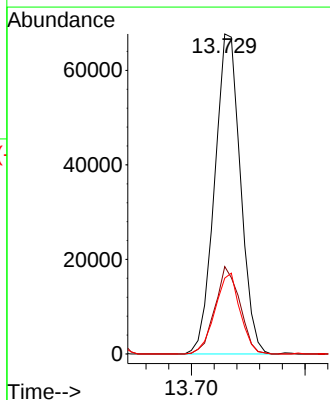
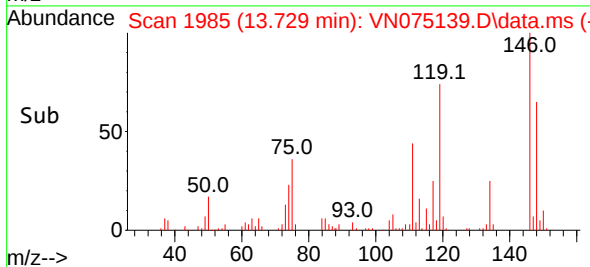
Reviewed By :John Carlone 11/04/2022
 Supervised By :Mahesh Dadoda 11/04/2022

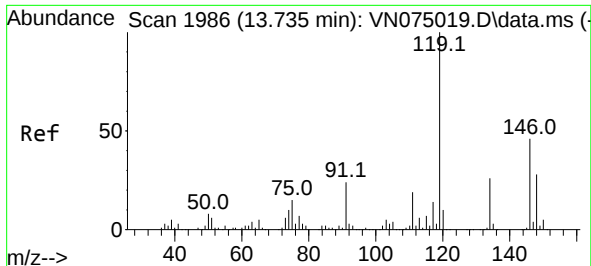


#86
 p-Isopropyltoluene
 Concen: 20.479 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075139.D
 Acq: 03 Nov 2022 13:01



Tgt Ion:119 Resp: 106818
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 24.5 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 20.125 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075139.D

Acq: 03 Nov 2022 13:01

Instrument :

MSVOA_N

ClientSampleId :

VN1103WBS01

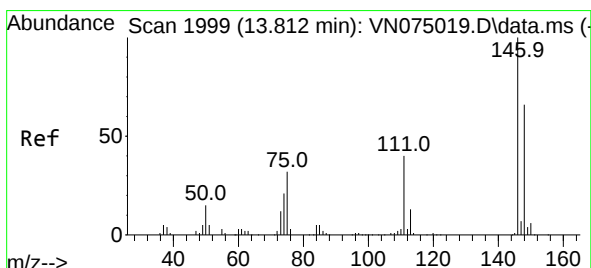
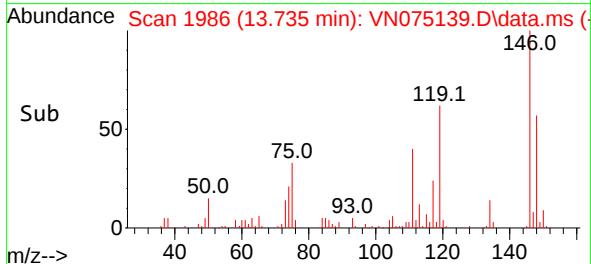
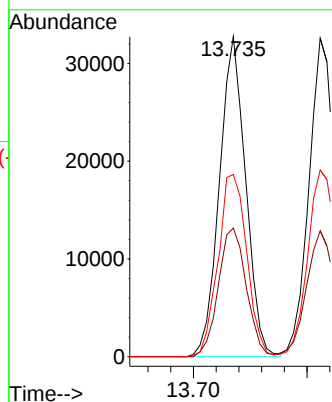
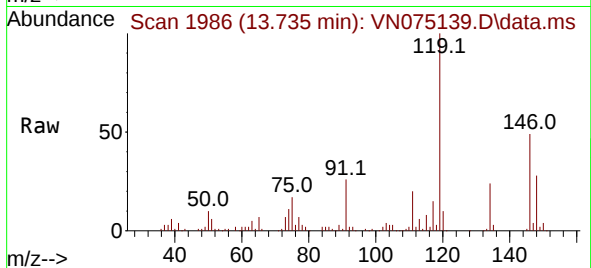
Tgt Ion:146 Resp: 52484
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.8 62.5
 148 62.3 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#88

1,4-Dichlorobenzene

Concen: 20.444 ug/l

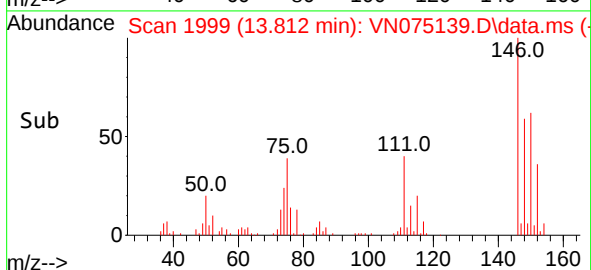
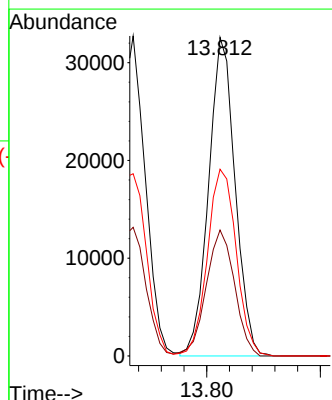
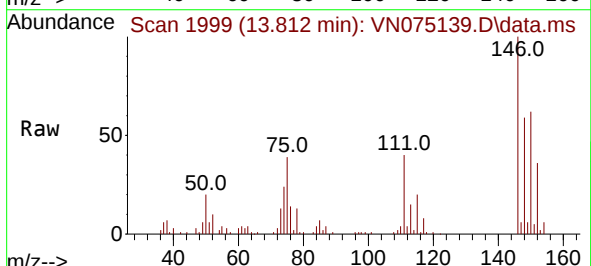
RT: 13.812 min Scan# 1999

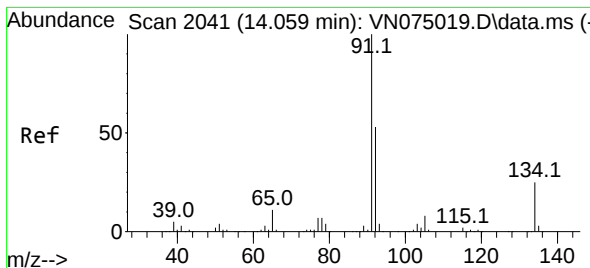
Delta R.T. -0.000 min

Lab File: VN075139.D

Acq: 03 Nov 2022 13:01

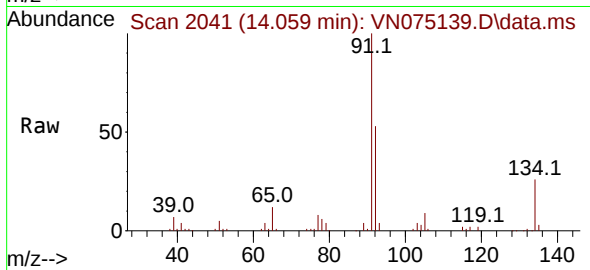
Tgt Ion:146 Resp: 52767
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.1 60.3
 148 63.9 31.9 95.7





#89
n-Butylbenzene
Concen: 20.758 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

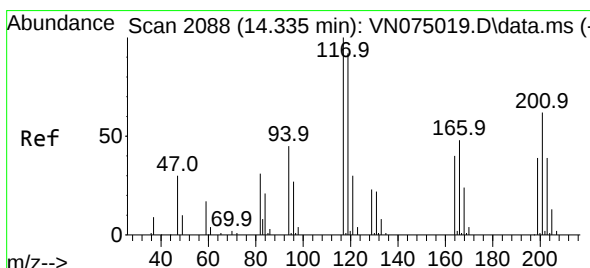
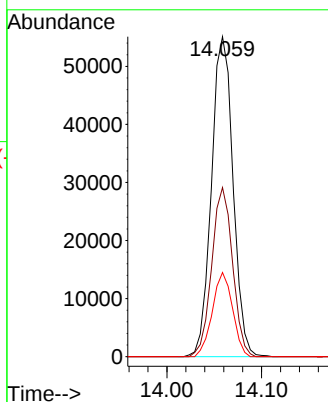
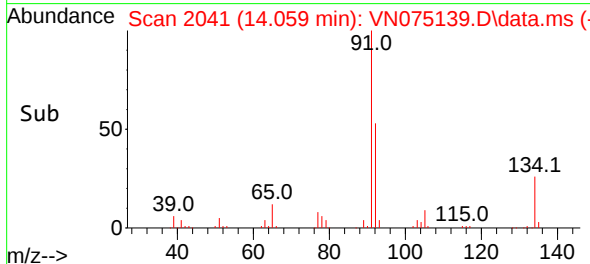
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBS01



Tgt Ion: 91 Resp: 87190
Ion Ratio Lower Upper
91 100
92 51.0 26.5 79.4
134 24.7 13.0 39.0

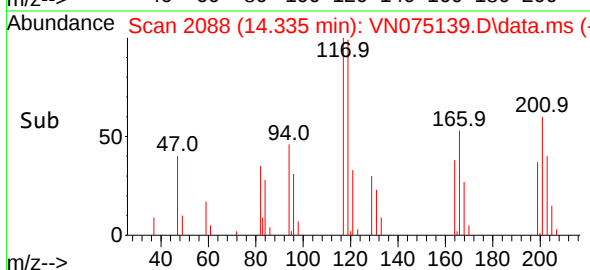
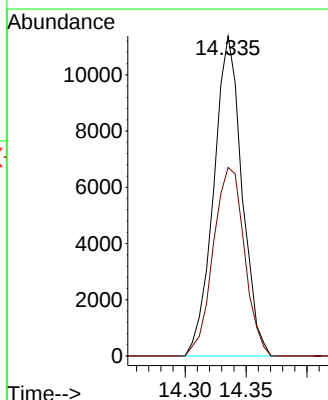
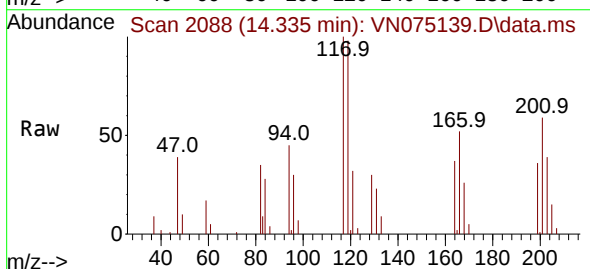
Manual Integrations
APPROVED

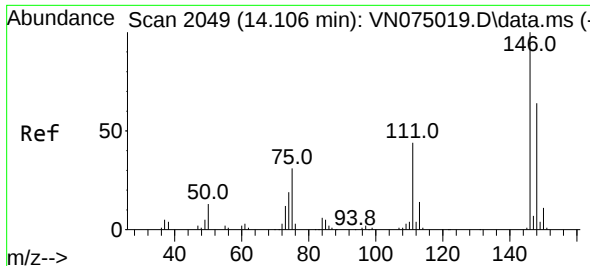
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#90
Hexachloroethane
Concen: 19.241 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

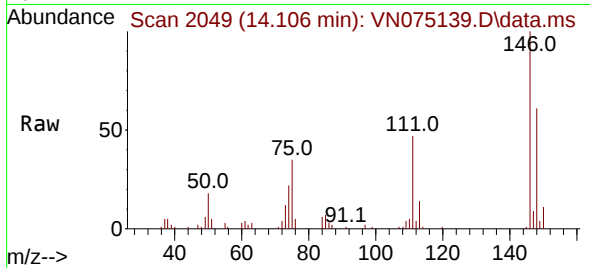
Tgt Ion:117 Resp: 18401
Ion Ratio Lower Upper
117 100
201 64.9 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 20.379 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

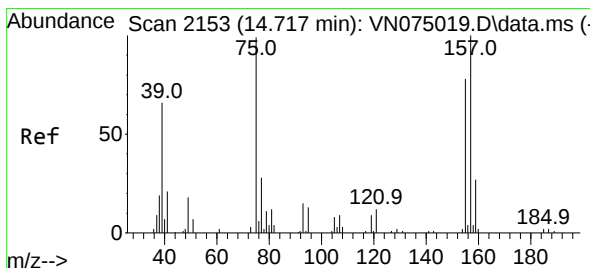
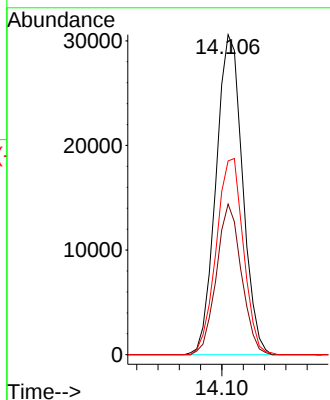
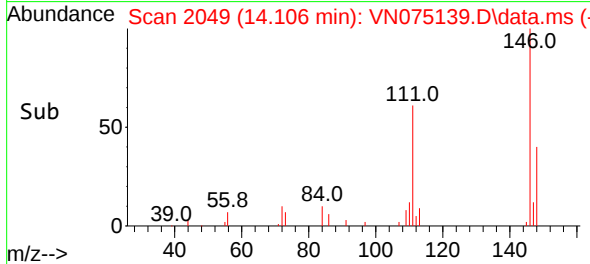
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBS01



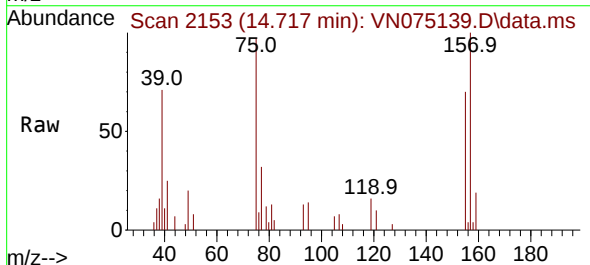
Tgt Ion:146 Resp: 5283
Ion Ratio Lower Upper
146 100
111 44.3 21.3 63.9
148 62.8 31.4 94.2

Manual Integrations
APPROVED

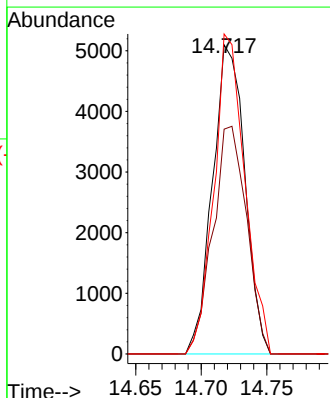
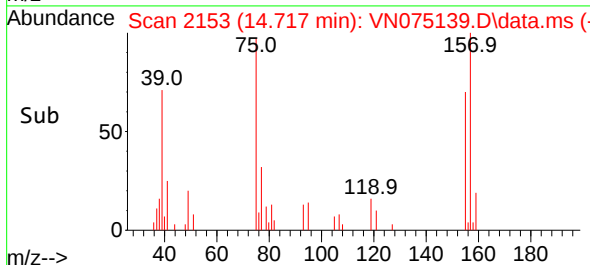
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

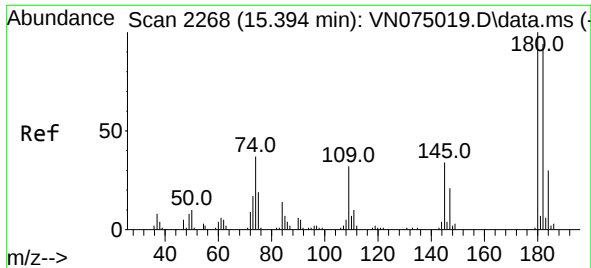


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.425 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. 0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01



Tgt Ion: 75 Resp: 8742
Ion Ratio Lower Upper
75 100
155 76.7 42.1 126.3
157 98.7 51.7 155.1





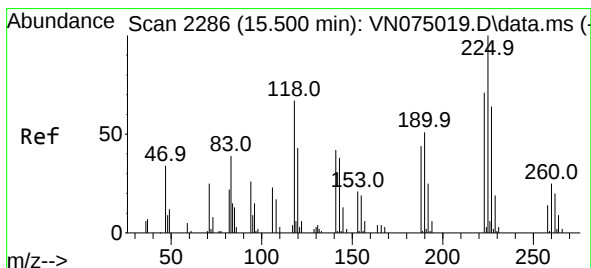
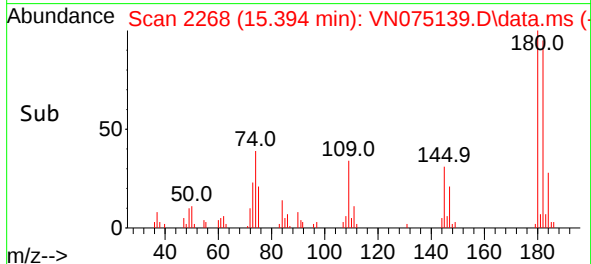
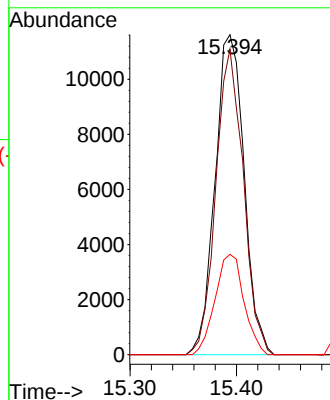
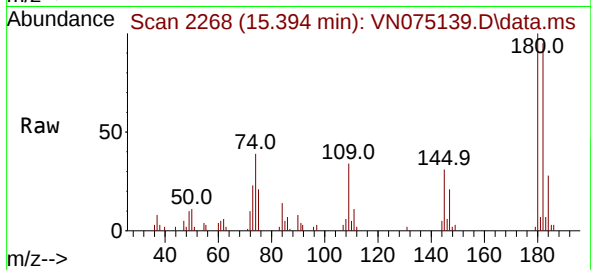
#93
1,2,4-Trichlorobenzene
Concen: 19.716 ug/l
RT: 15.394 min Scan# 2199
Delta R.T. -0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

Instrument :
MSVOA_N
ClientSampleId :
VN1103WBS01

Tgt Ion:180 Resp: 2199
Ion Ratio Lower Upper
180 100
182 90.1 47.8 143.4
145 31.2 16.8 50.3

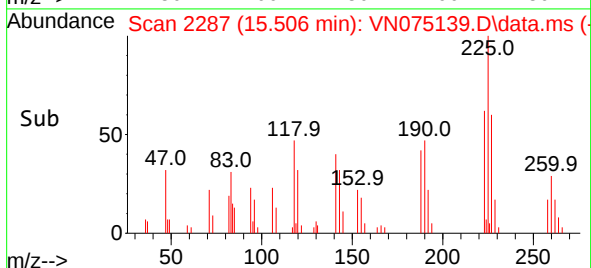
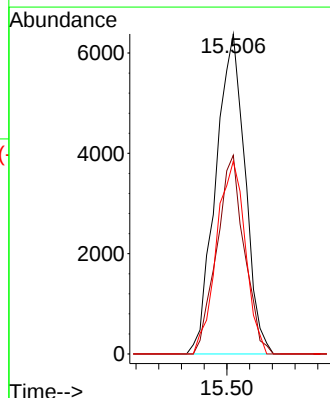
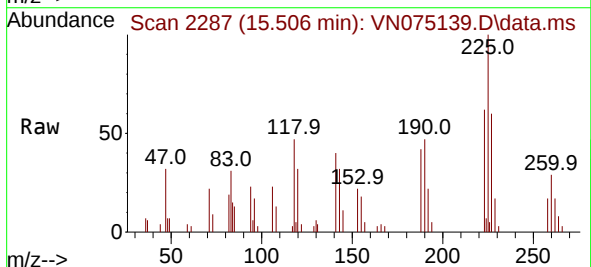
Manual Integrations
APPROVED

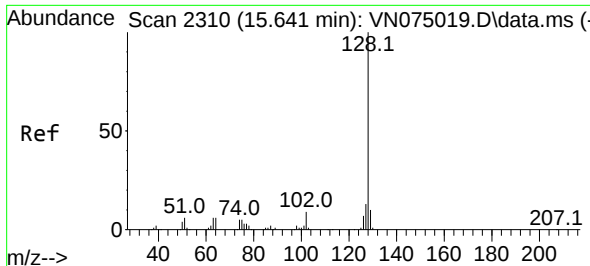
Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#94
Hexachlorobutadiene
Concen: 21.004 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.006 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

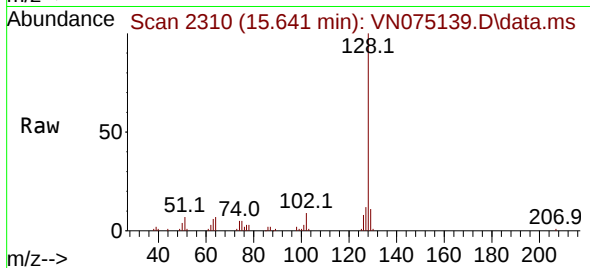
Tgt Ion:225 Resp: 11424
Ion Ratio Lower Upper
225 100
223 58.5 32.3 96.9
227 59.1 32.0 96.2





#95
Naphthalene
Concen: 18.774 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

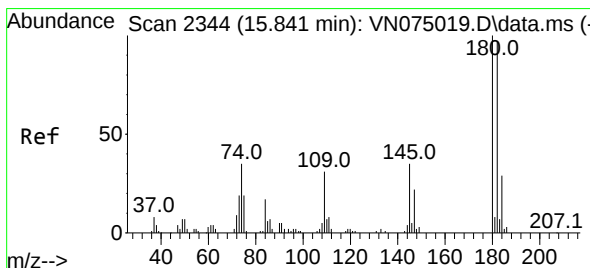
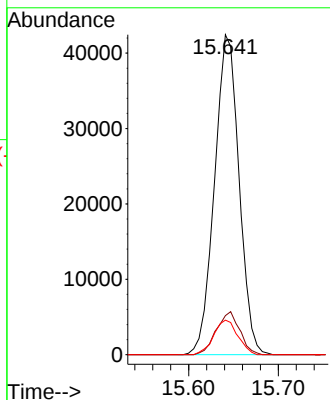
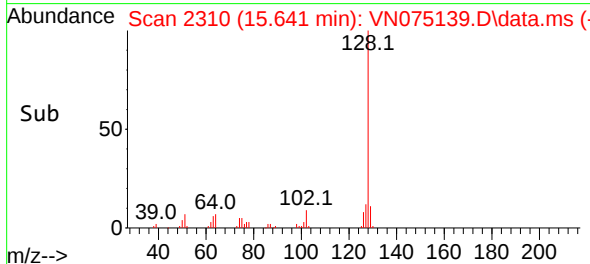
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBS01



Tgt Ion:128 Resp: 80540
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.6 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.964 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075139.D
Acq: 03 Nov 2022 13:01

Tgt Ion:180 Resp: 21022
Ion Ratio Lower Upper
180 100
182 98.8 47.3 141.8
145 36.7 17.6 52.9

