

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110122\
 Data File : VN075102.D
 Acq On : 01 Nov 2022 12:33
 Operator : JC\MD
 Sample : VN1101WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/02/2022
 Supervised By : Mahesh Dadoda 11/02/2022

Quant Time: Nov 02 07:10:53 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	8.235	168	88070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	165188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	150176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	72181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	65837	55.482	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.960%			
35) Dibromofluoromethane	8.177	113	50604	52.183	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.360%			
50) Toluene-d8	10.571	98	194105	51.592	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.180%			
62) 4-Bromofluorobenzene	12.853	95	67619	51.163	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.320%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	22258	19.428	ug/l	92
3) Chloromethane	2.377	50	24069	19.778	ug/l	94
4) Vinyl Chloride	2.524	62	32789	18.887	ug/l	92
5) Bromomethane	2.936	94	27818	19.411	ug/l	100
6) Chloroethane	3.112	64	24512	19.690	ug/l	99
7) Trichlorofluoromethane	3.500	101	34759	19.600	ug/l	95
8) Diethyl Ether	3.977	74	13420	20.746	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.383	101	20378	20.807	ug/l	98
10) Methyl Iodide	4.600	142	28012	19.212	ug/l	99
11) Tert butyl alcohol	5.542	59	27388	98.971	ug/l	98
12) 1,1-Dichloroethene	4.347	96	18084	19.371	ug/l	93
13) Acrolein	4.195	56	25040	110.626	ug/l	100
14) Allyl chloride	5.030	41	27278	20.006	ug/l	97
15) Acrylonitrile	5.730	53	61874	105.845	ug/l	98
16) Acetone	4.453	43	54358	108.185	ug/l	93
17) Carbon Disulfide	4.718	76	42860	18.256	ug/l #	95
18) Methyl Acetate	5.036	43	37017	22.554	ug/l	96
19) Methyl tert-butyl Ether	5.806	73	71123	20.498	ug/l	97
20) Methylene Chloride	5.283	84	23148	20.662	ug/l	91
21) trans-1,2-Dichloroethene	5.800	96	19510	19.087	ug/l	92
22) Diisopropyl ether	6.689	45	63180	20.997	ug/l	96
23) Vinyl Acetate	6.612	43	230313	91.662	ug/l	98
24) 1,1-Dichloroethane	6.583	63	38822	20.400	ug/l	98
25) 2-Butanone	7.494	43	83121	105.176	ug/l	98
26) 2,2-Dichloropropane	7.500	77	32575	18.607	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	24824	20.336	ug/l	98
28) Bromochloromethane	7.824	49	17786	22.171	ug/l	94
29) Tetrahydrofuran	7.847	42	53562	104.882	ug/l	98
30) Chloroform	7.977	83	41691	20.178	ug/l	97
31) Cyclohexane	8.265	56	34770	19.701	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	36928	19.681	ug/l	96
36) 1,1-Dichloropropene	8.377	75	28692	19.111	ug/l	99
37) Ethyl Acetate	7.565	43	33080	20.091	ug/l	98
38) Carbon Tetrachloride	8.371	117	31299	18.952	ug/l	99
39) Methylcyclohexane	9.600	83	37147	18.742	ug/l	96
40) Benzene	8.612	78	90081	19.596	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	17226	21.838	ug/l	96
42) 1,2-Dichloroethane	8.677	62	34480	20.617	ug/l	99
43) Isopropyl Acetate	8.694	43	53467	20.935	ug/l	98
44) Trichloroethene	9.359	130	22240	19.284	ug/l	97
45) 1,2-Dichloropropane	9.624	63	23310	21.308	ug/l	95
46) Dibromomethane	9.712	93	17459	20.485	ug/l	96
47) Bromodichloromethane	9.894	83	33307	20.180	ug/l	96
48) Methyl methacrylate	9.682	41	24601	20.999	ug/l	97
49) 1,4-Dioxane	9.694	88	12750	415.616	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	173694	105.394	ug/l	99
52) Toluene	10.635	92	59892	19.491	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	34234	19.651	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	36929	19.986	ug/l	99
55) 1,1,2-Trichloroethane	11.024	97	24467	20.081	ug/l	92
56) Ethyl methacrylate	10.876	69	36658	19.724	ug/l	95
57) 1,3-Dichloropropane	11.165	76	42318	20.856	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	77720	108.169	ug/l	98
59) 2-Hexanone	11.200	43	131010	104.741	ug/l	98
60) Dibromochloromethane	11.359	129	25537	19.866	ug/l	100
61) 1,2-Dibromoethane	11.471	107	25053	20.064	ug/l	99
64) Tetrachloroethene	11.106	164	19548	21.232	ug/l	94
65) Chlorobenzene	11.894	112	64841	20.228	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	23568	19.820	ug/l	99
67) Ethyl Benzene	11.965	91	113537	19.687	ug/l	99
68) m/p-Xylenes	12.070	106	89918	38.857	ug/l	94
69) o-Xylene	12.400	106	44725	19.543	ug/l	98
70) Styrene	12.412	104	71204	19.513	ug/l	98
71) Bromoform	12.582	173	17096	19.203	ug/l #	97
73) Isopropylbenzene	12.700	105	112716	19.451	ug/l	100
74) N-amyl acetate	12.494	43	44376	20.705	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	40181	21.887	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	35629m	23.248	ug/l	
77) Bromobenzene	12.982	156	25335	19.856	ug/l	96
78) n-propylbenzene	13.035	91	129431	19.894	ug/l	98
79) 2-Chlorotoluene	13.129	91	80674	20.292	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	98257	20.188	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	10820	18.123	ug/l	94
82) 4-Chlorotoluene	13.129	91	80674	20.292	ug/l	99
83) tert-Butylbenzene	13.441	119	85187	19.697	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	98368	19.975	ug/l	98
85) sec-Butylbenzene	13.617	105	118985	19.667	ug/l	97
86) p-Isopropyltoluene	13.729	119	97878	19.589	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	48819	19.541	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	49656	20.084	ug/l	99
89) n-Butylbenzene	14.059	91	80095	19.906	ug/l	99
90) Hexachloroethane	14.335	117	17202	18.777	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	50069	20.160	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8227	21.048	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	20418	19.105	ug/l	98
94) Hexachlorobutadiene	15.506	225	10014	19.220	ug/l	98
95) Naphthalene	15.641	128	79298	19.294	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	21726	20.459	ug/l	97

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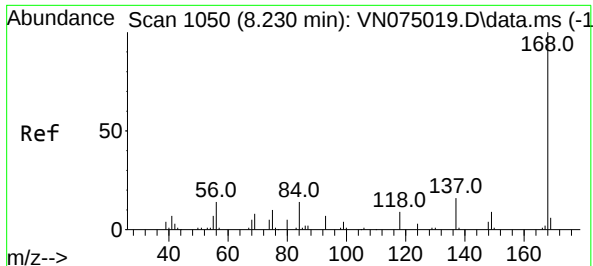
Manual Integrations
APPROVED

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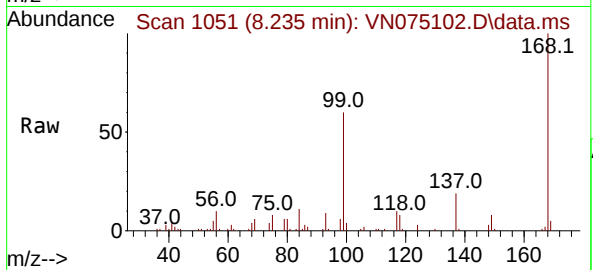
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

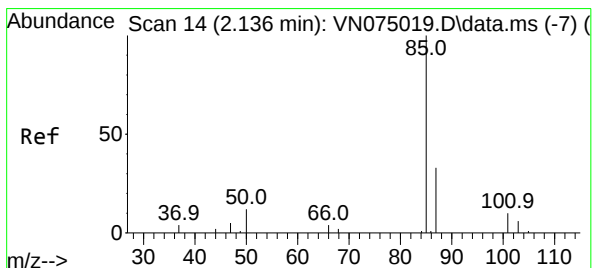
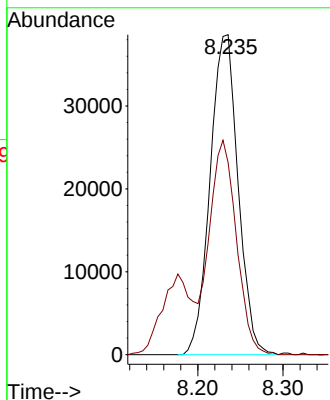
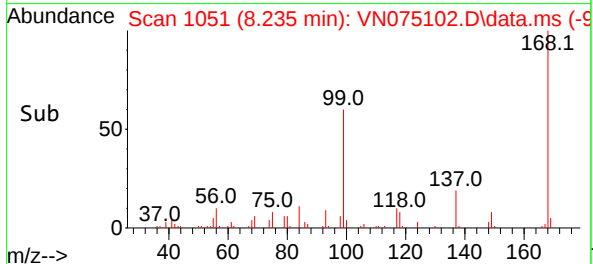
Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01



Tgt Ion:168 Resp: 88070
Ion Ratio Lower Upper
168 100
99 60.0 51.6 77.4

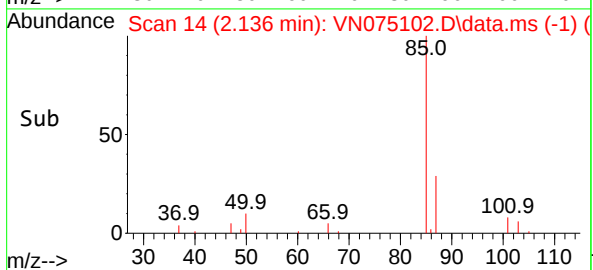
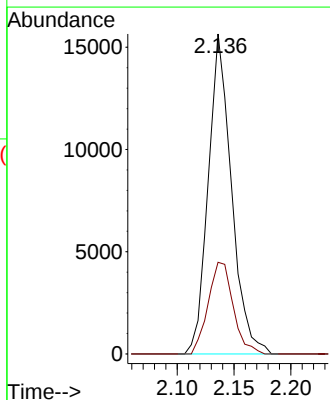
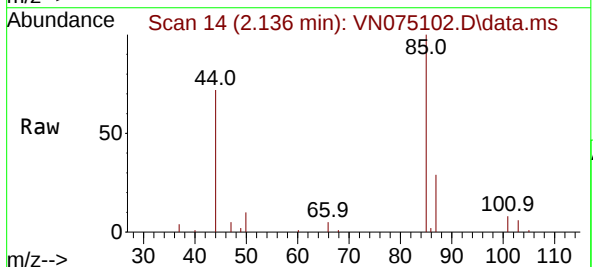
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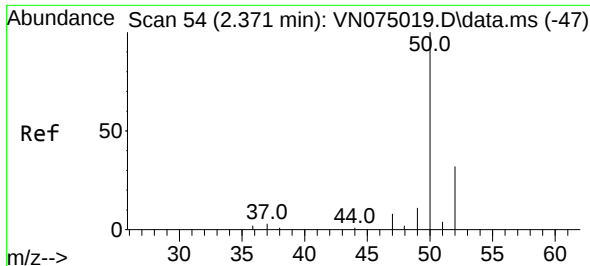
Reviewed By :John Carlone 11/02/2022
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#2
Dichlorodifluoromethane
Concen: 19.428 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

Tgt Ion: 85 Resp: 22258
Ion Ratio Lower Upper
85 100
87 28.7 16.7 50.0





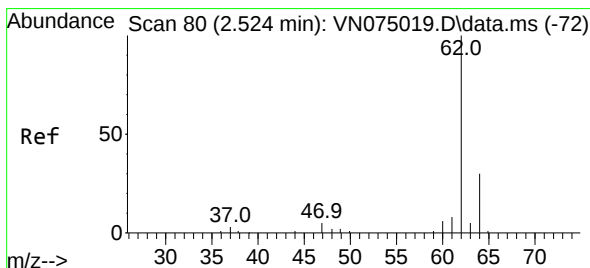
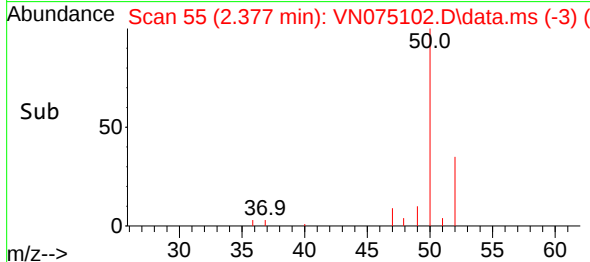
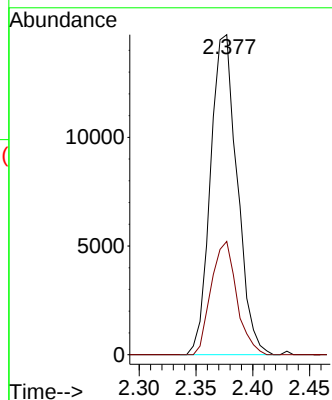
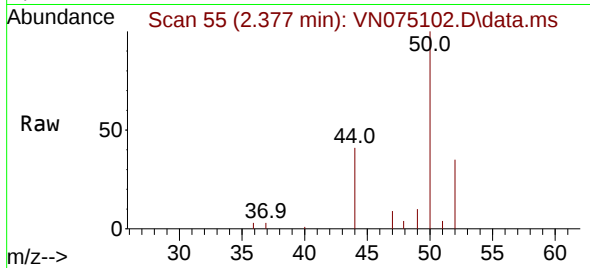
#3
Chloromethane
Concen: 19.778 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

Instrument :
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Tgt Ion: 50 Resp: 24069
Ion Ratio Lower Upper
50 100
52 35.4 25.8 38.6

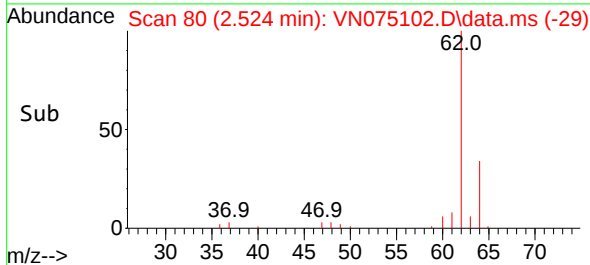
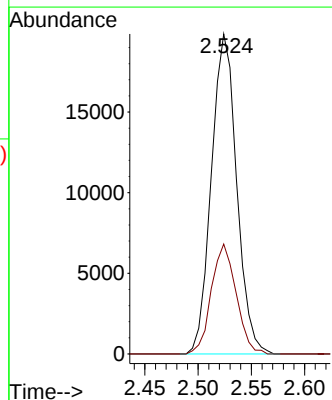
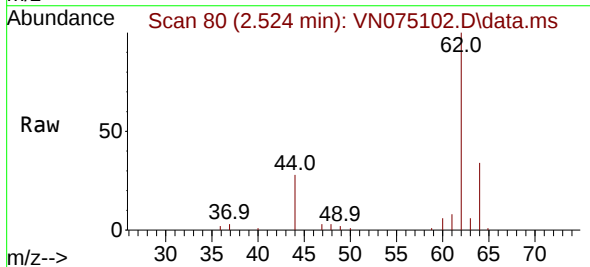
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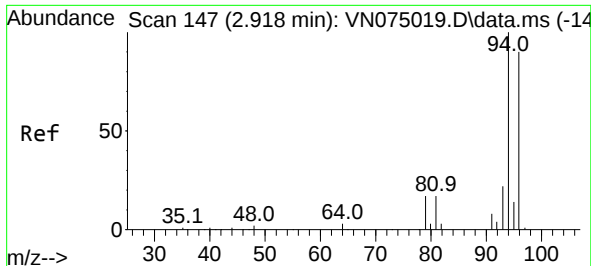
Reviewed By :John Carlone 11/02/2022
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#4
Vinyl Chloride
Concen: 18.887 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

Tgt Ion: 62 Resp: 32789
Ion Ratio Lower Upper
62 100
64 34.4 24.0 36.0





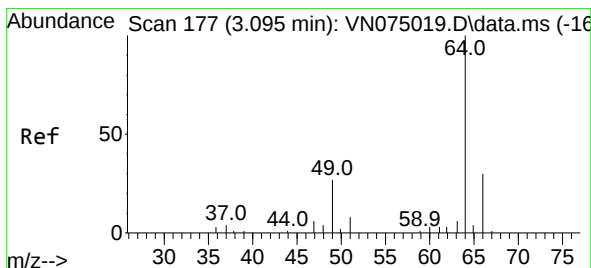
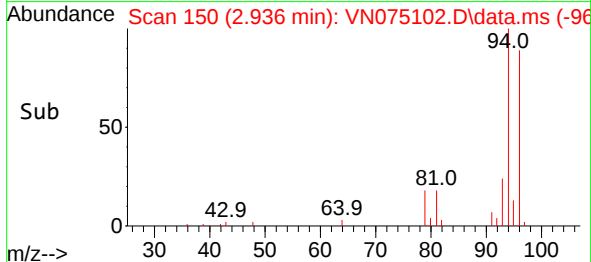
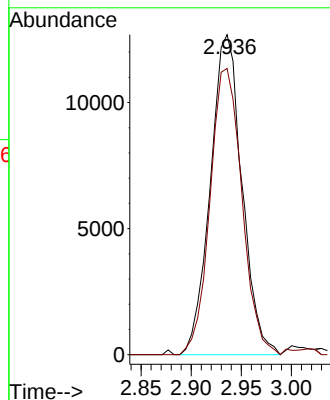
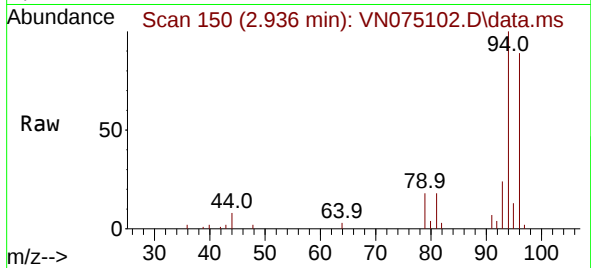
#5
Bromomethane
Concen: 19.411 ug/l
RT: 2.936 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

Instrument :
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Tgt Ion: 94 Resp: 27818
Ion Ratio Lower Upper
94 100
96 89.5 71.8 107.6

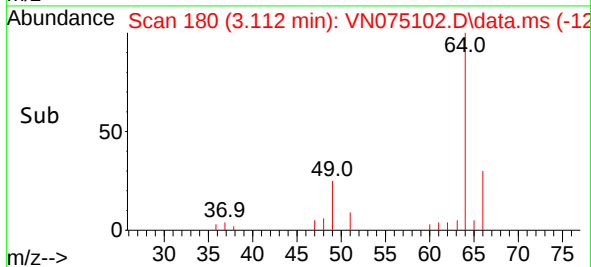
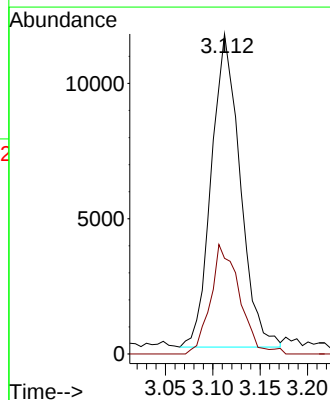
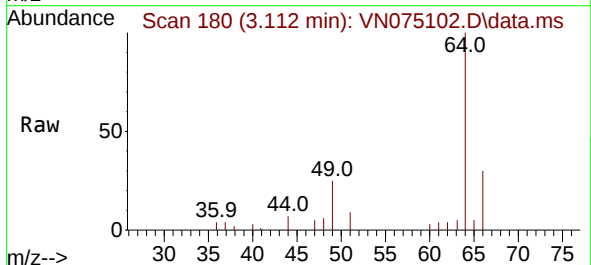
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#6
Chloroethane
Concen: 19.690 ug/l
RT: 3.112 min Scan# 180
Delta R.T. 0.017 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

Tgt Ion: 64 Resp: 24512
Ion Ratio Lower Upper
64 100
66 30.6 23.8 35.8





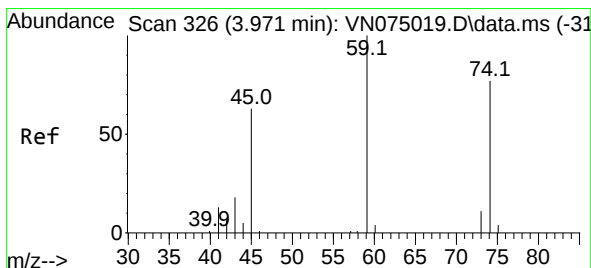
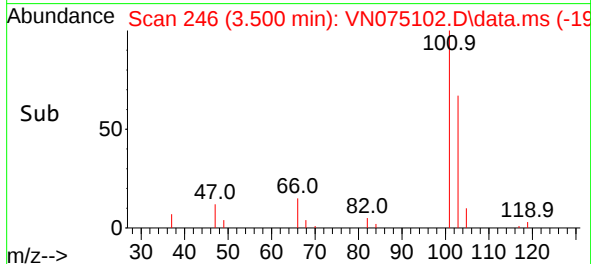
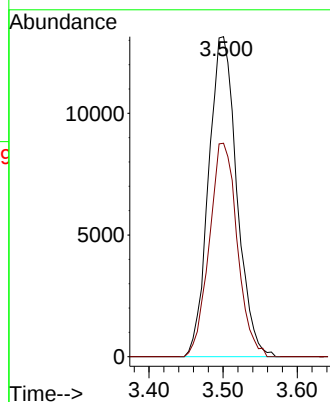
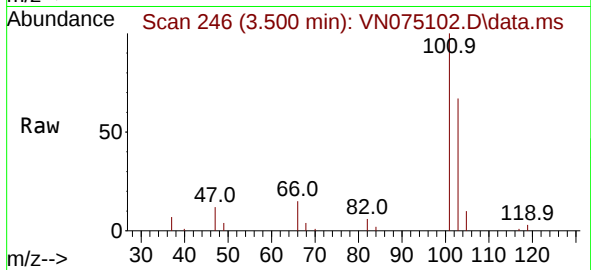
#7
Trichlorofluoromethane
Concen: 19.600 ug/l
RT: 3.500 min Scan# 244
Delta R.T. 0.011 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01

Tgt Ion:101 Resp: 3475
Ion Ratio Lower Upper
101 100
103 66.7 50.5 75.7

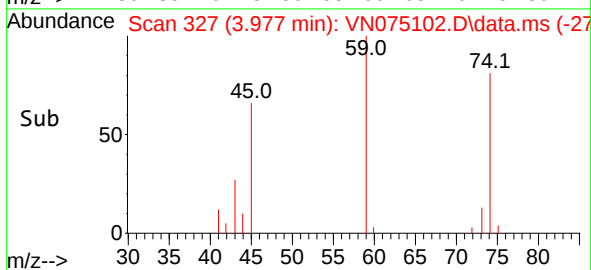
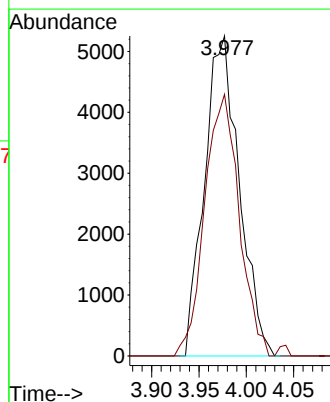
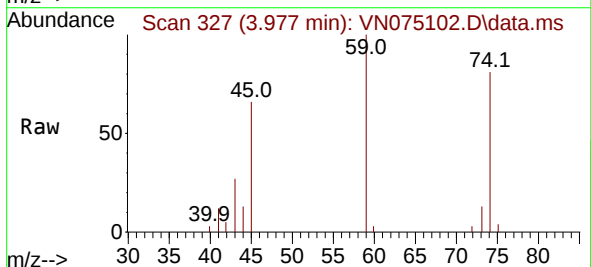
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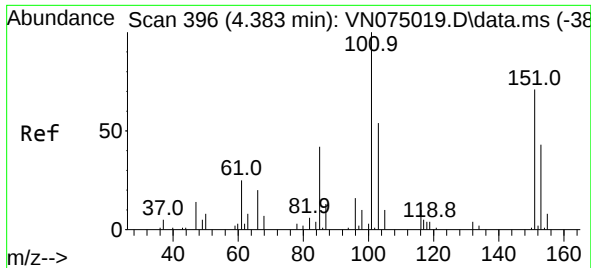
Reviewed By :John Carlone 11/02/2022
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#8
Diethyl Ether
Concen: 20.746 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

Tgt Ion: 74 Resp: 13420
Ion Ratio Lower Upper
74 100
45 80.9 39.3 117.9





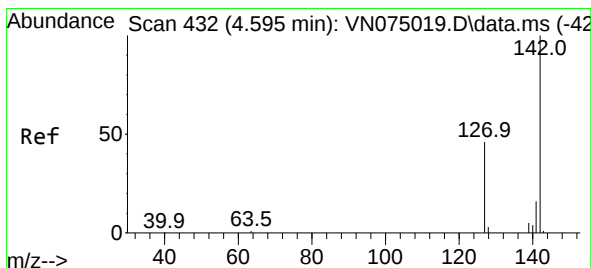
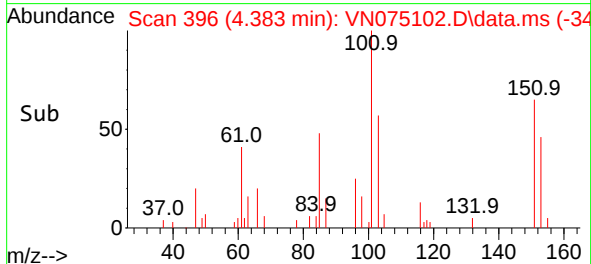
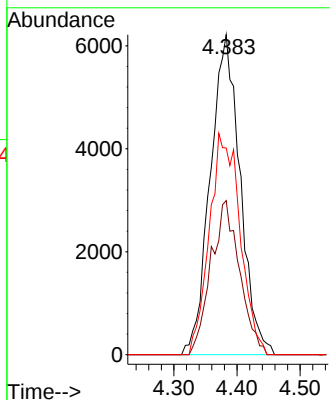
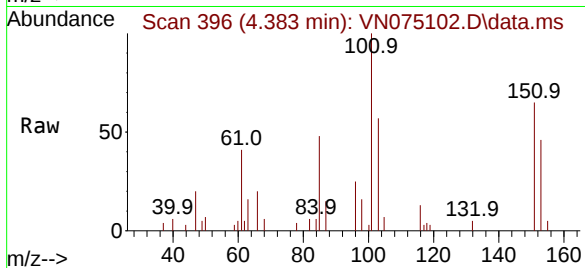
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.807 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN075102.D
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Tgt Ion:101 Resp: 20378
Ion Ratio Lower Upper
101 100
85 46.4 37.6 56.4
151 71.0 58.3 87.5

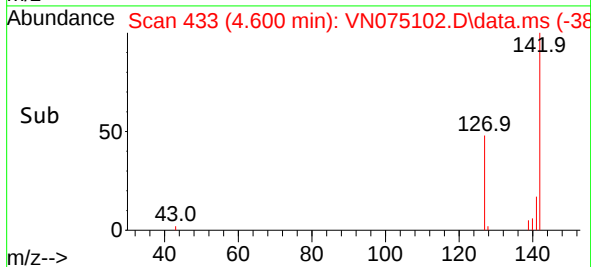
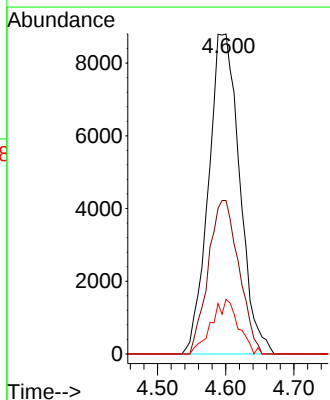
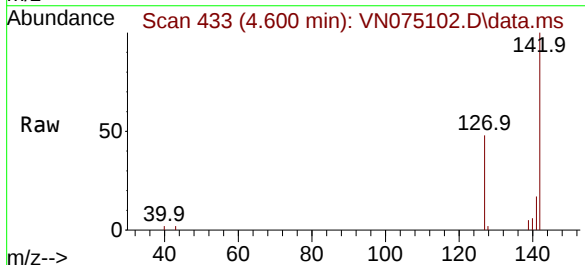
Manual Integrations
APPROVED

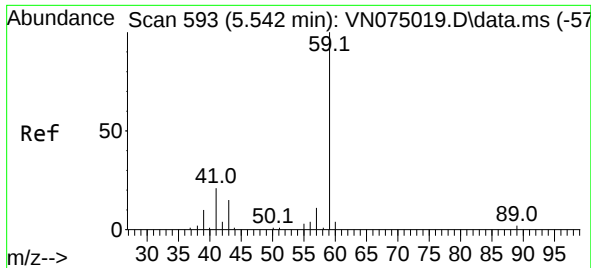
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#10
Methyl Iodide
Concen: 19.212 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.005 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

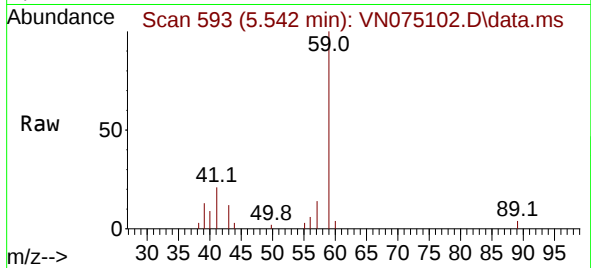
Tgt Ion:142 Resp: 28012
Ion Ratio Lower Upper
142 100
127 47.1 38.0 57.0
141 14.7 12.2 18.4





#11
Tert butyl alcohol
Concen: 98.971 ug/l
RT: 5.542 min Scan# 593
Delta R.T. -0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

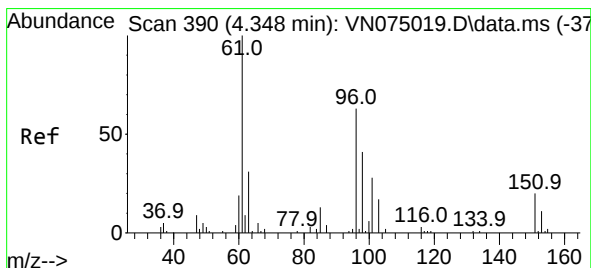
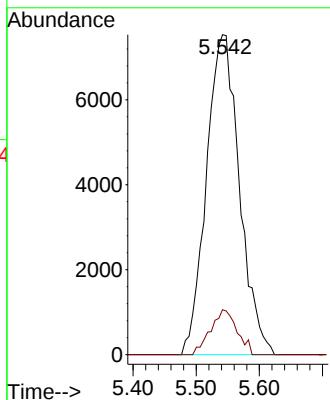
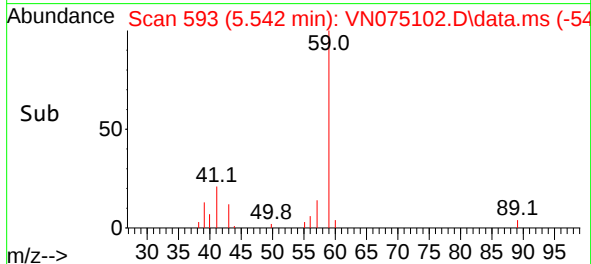
Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01



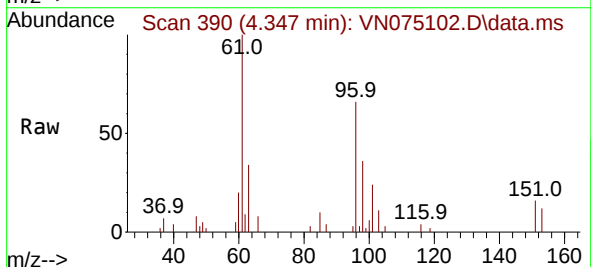
Tgt Ion: 59 Resp: 2738
Ion Ratio Lower Upper
59 100
57 11.2 8.5 12.7

Manual Integrations
APPROVED

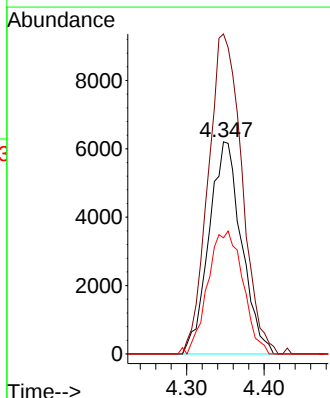
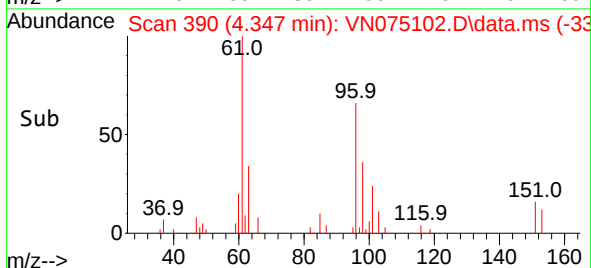
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#12
1,1-Dichloroethene
Concen: 19.371 ug/l
RT: 4.347 min Scan# 390
Delta R.T. -0.001 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33



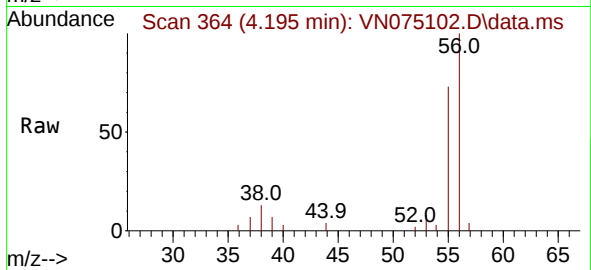
Tgt Ion: 96 Resp: 18084
Ion Ratio Lower Upper
96 100
61 150.8 126.2 189.4
98 54.8 51.5 77.3





#13
Acrolein
Concen: 110.626 ug/l
RT: 4.195 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

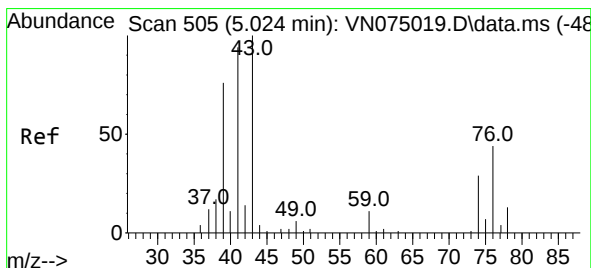
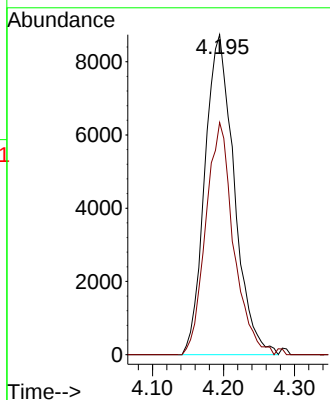
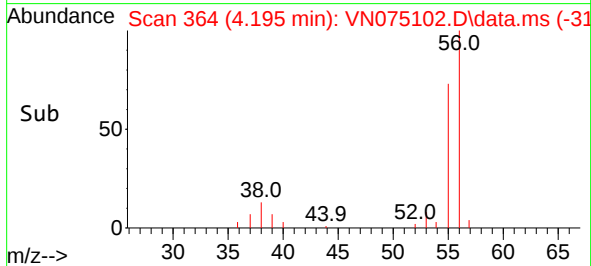
Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01



Tgt Ion: 56 Resp: 25040
Ion Ratio Lower Upper
56 100
55 68.9 55.2 82.8

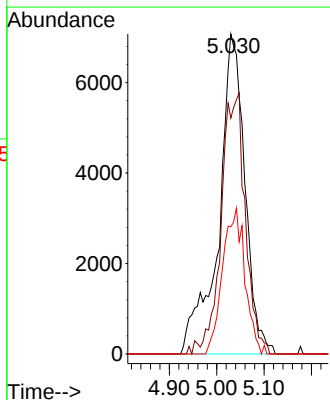
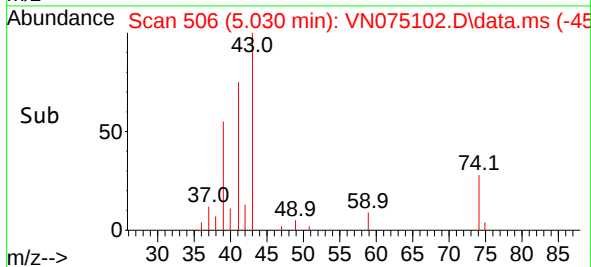
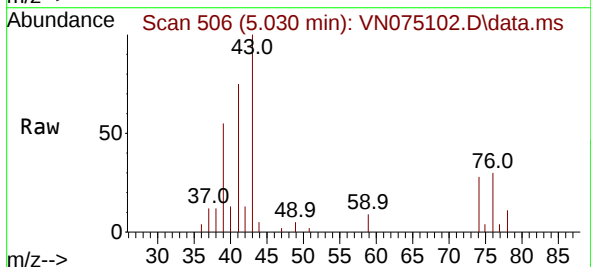
Manual Integrations
APPROVED

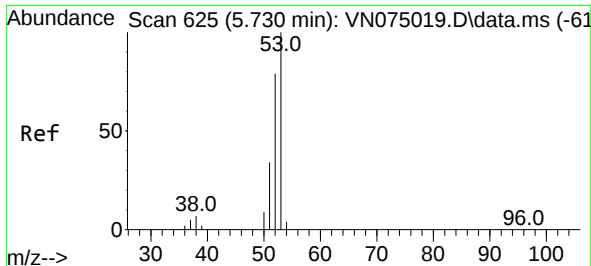
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#14
Allyl chloride
Concen: 20.006 ug/l
RT: 5.030 min Scan# 506
Delta R.T. 0.006 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

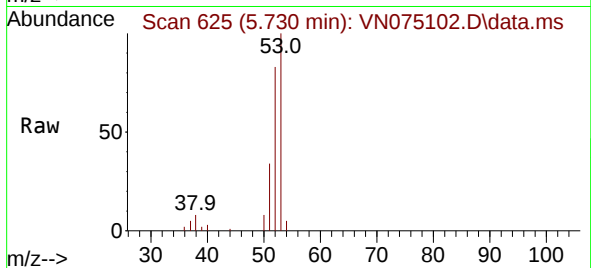
Tgt Ion: 41 Resp: 27278
Ion Ratio Lower Upper
41 100
39 74.9 61.0 91.4
76 38.7 33.4 50.0





#15
Acrylonitrile
Concen: 105.845 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

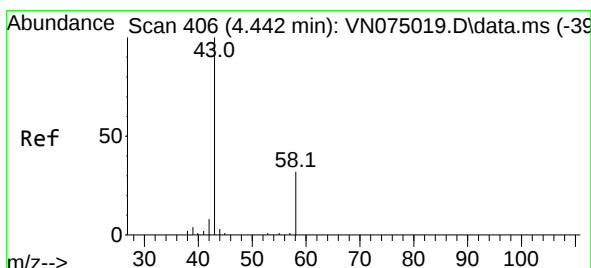
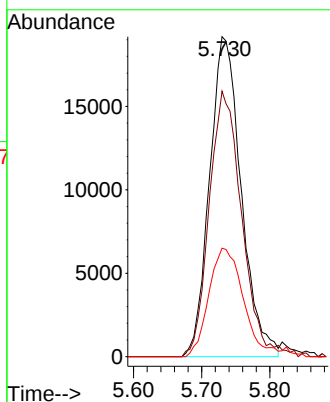
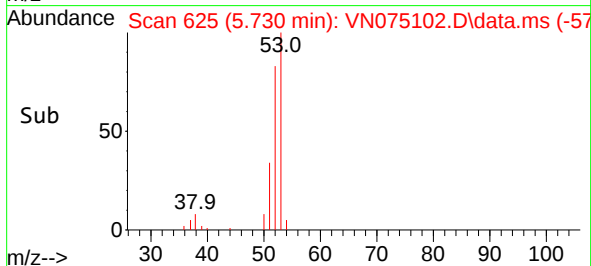
Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01



Tgt Ion: 53 Resp: 61874
Ion Ratio Lower Upper
53 100
52 85.5 66.4 99.6
51 36.9 29.6 44.4

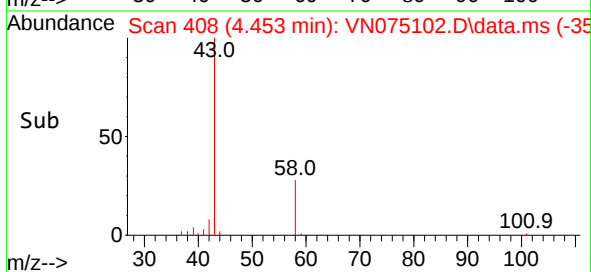
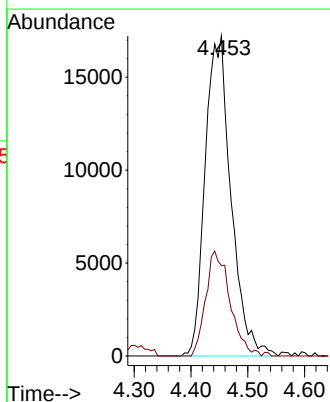
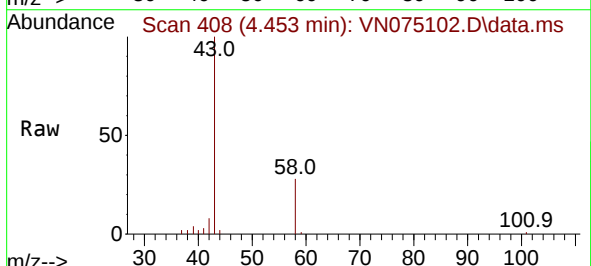
Manual Integrations
APPROVED

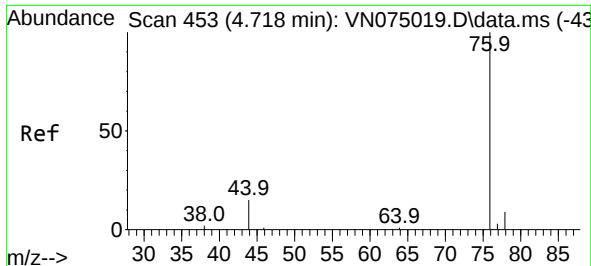
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#16
Acetone
Concen: 108.185 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.011 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

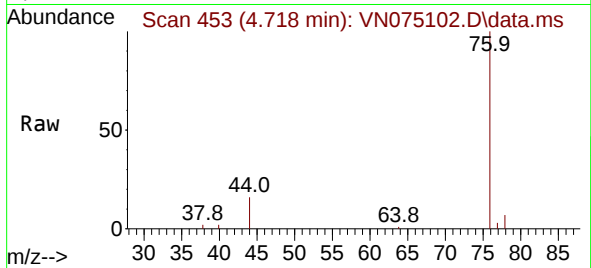
Tgt Ion: 43 Resp: 54358
Ion Ratio Lower Upper
43 100
58 28.3 25.5 38.3





#17
Carbon Disulfide
Concen: 18.256 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

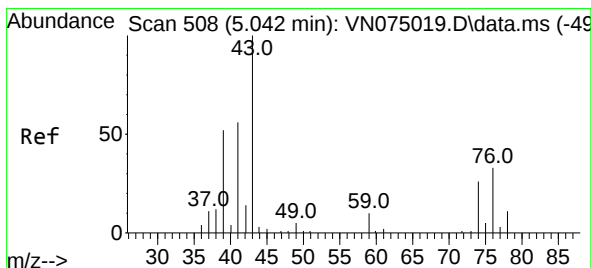
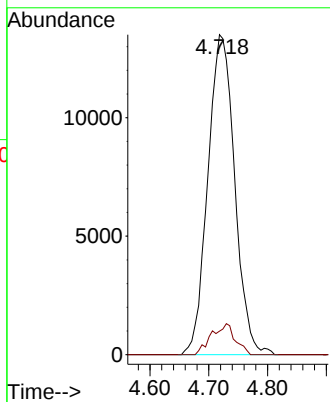
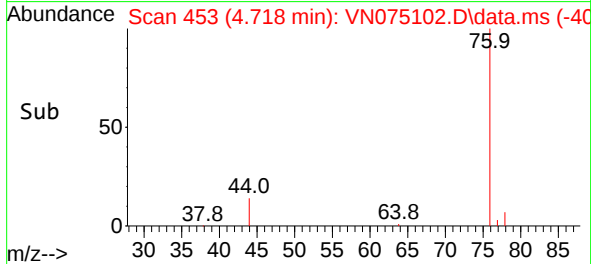
Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01



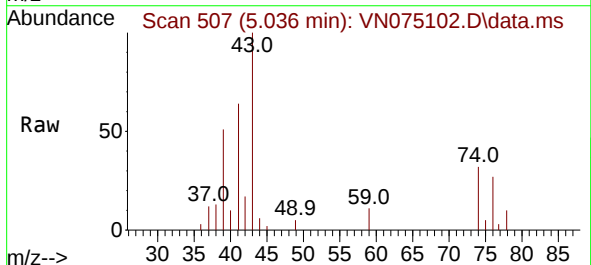
Tgt Ion: 76 Resp: 42860
Ion Ratio Lower Upper
76 100
78 7.4 7.4 11.2

Manual Integrations
APPROVED

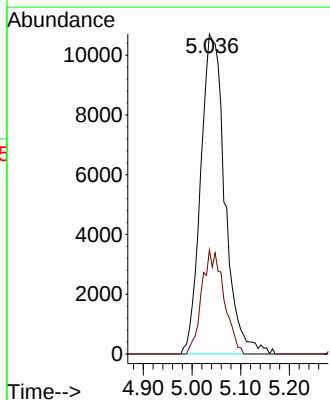
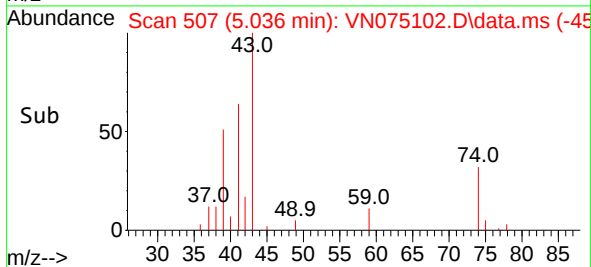
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

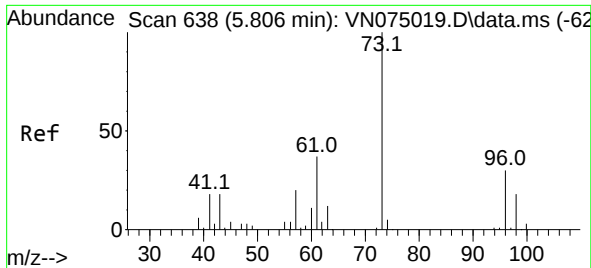


#18
Methyl Acetate
Concen: 22.554 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33



Tgt Ion: 43 Resp: 37017
Ion Ratio Lower Upper
43 100
74 29.7 22.0 33.0





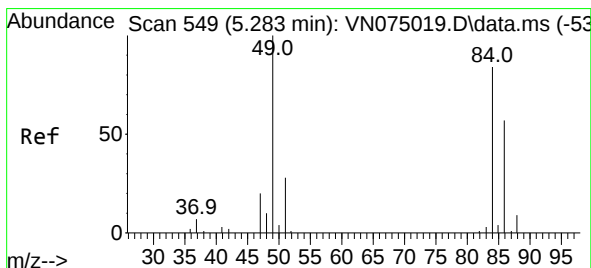
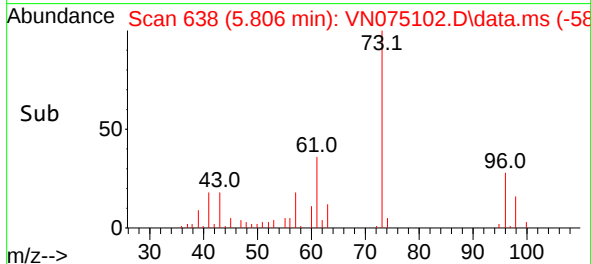
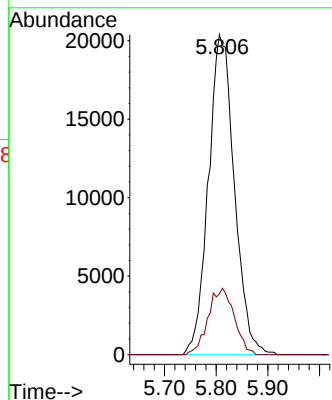
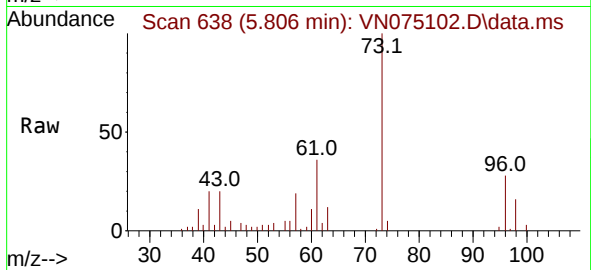
#19
Methyl tert-butyl Ether
Concen: 20.498 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01

Tgt Ion: 73 Resp: 7112
Ion Ratio Lower Upper
73 100
57 19.0 16.3 24.5

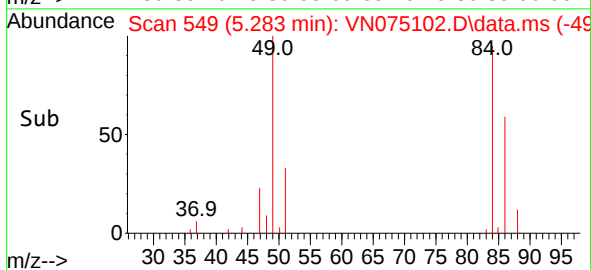
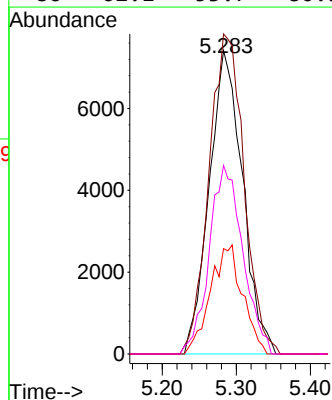
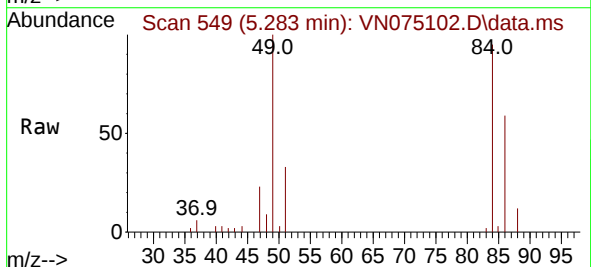
Manual Integrations
APPROVED

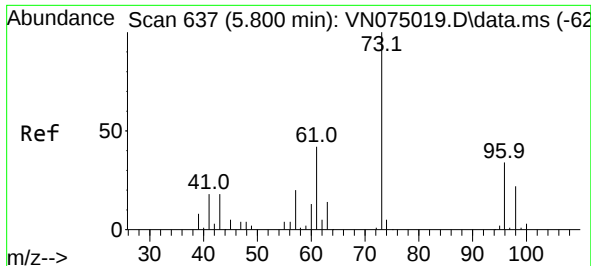
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#20
Methylene Chloride
Concen: 20.662 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

Tgt Ion: 84 Resp: 23148
Ion Ratio Lower Upper
84 100
49 105.5 94.9 142.3
51 34.7 26.8 40.2
86 62.1 53.7 80.5





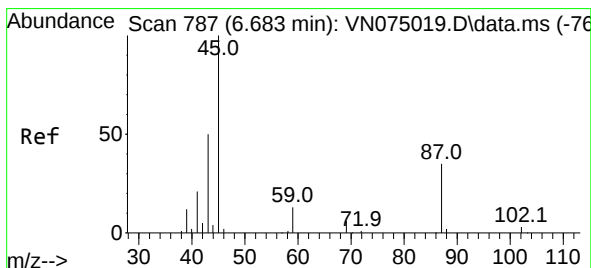
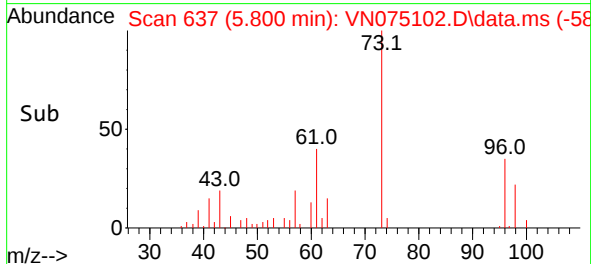
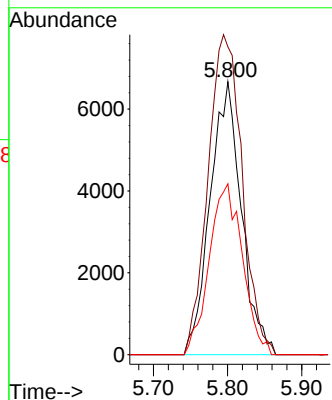
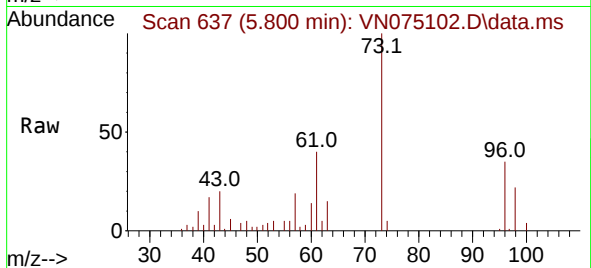
#21
trans-1,2-Dichloroethene
Concen: 19.087 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01

Tgt Ion: 96 Resp: 19510
Ion Ratio Lower Upper
96 100
61 112.8 99.9 149.9
98 62.6 51.5 77.3

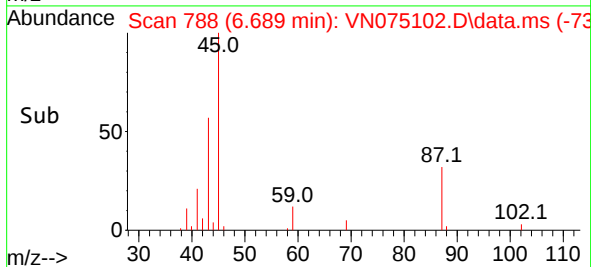
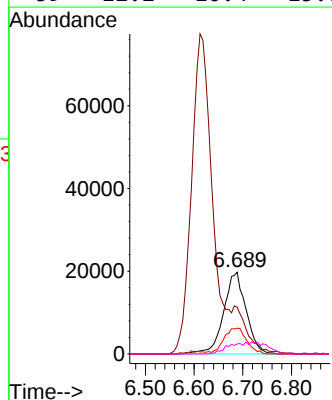
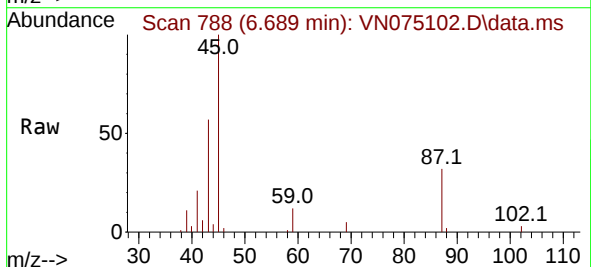
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#22
Diisopropyl ether
Concen: 20.997 ug/l
RT: 6.689 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

Tgt Ion: 45 Resp: 63180
Ion Ratio Lower Upper
45 100
43 55.7 42.8 64.2
87 31.6 28.4 42.6
59 12.2 10.4 15.6





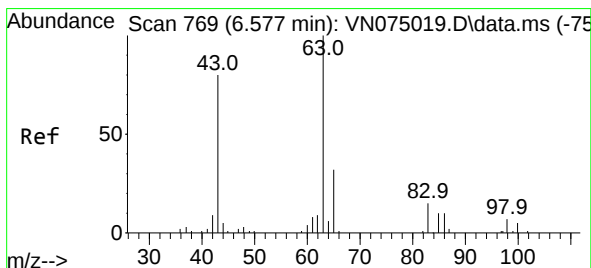
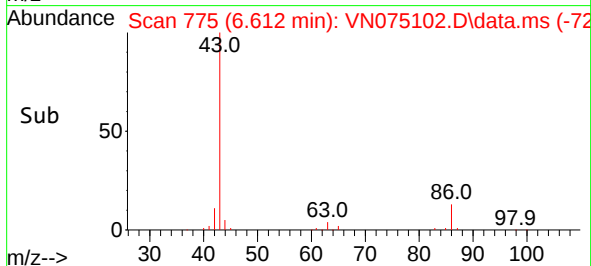
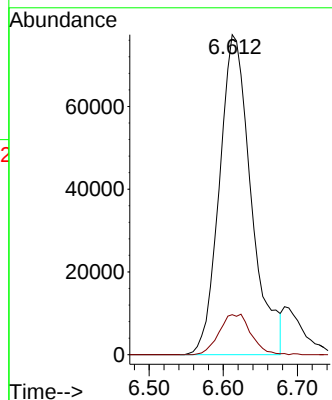
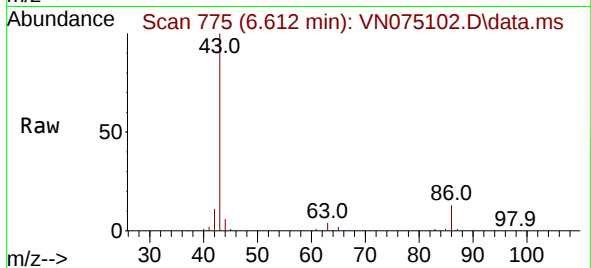
#23
 Vinyl Acetate
 Concen: 91.662 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075102.D
 Acq: 01 Nov 2022 12:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBSD01

Tgt Ion: 43 Resp: 23031
 Ion Ratio Lower Upper
 43 100
 86 12.5 10.7 16.1

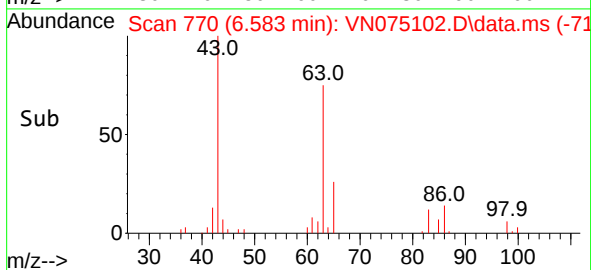
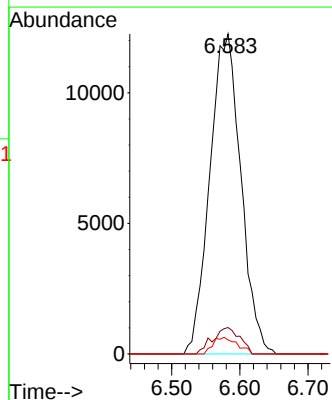
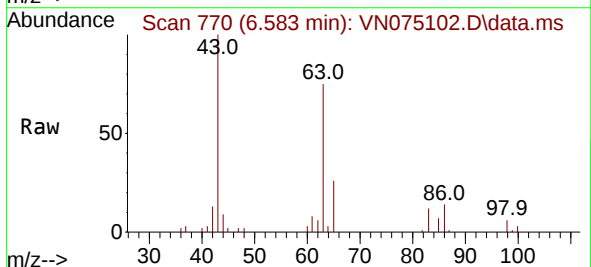
Manual Integrations
 APPROVED

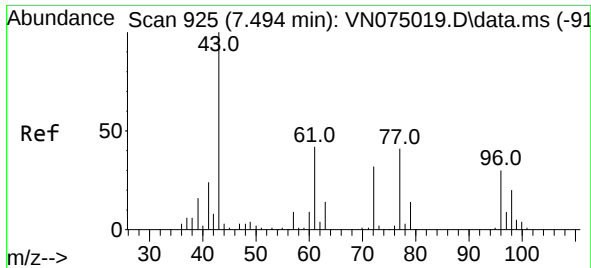
Reviewed By :John Carlone 11/02/2022
 Supervised By :Mahesh Dadoda 11/02/2022



#24
 1,1-Dichloroethane
 Concen: 20.400 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075102.D
 Acq: 01 Nov 2022 12:33

Tgt Ion: 63 Resp: 38822
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.6 10.8
 100 4.4 2.4 7.2





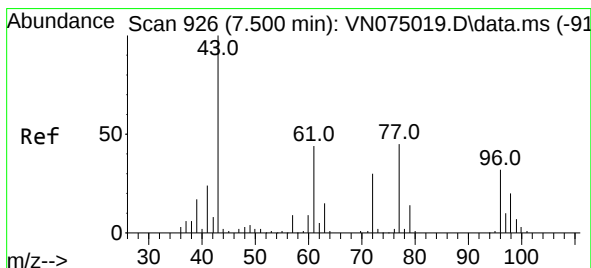
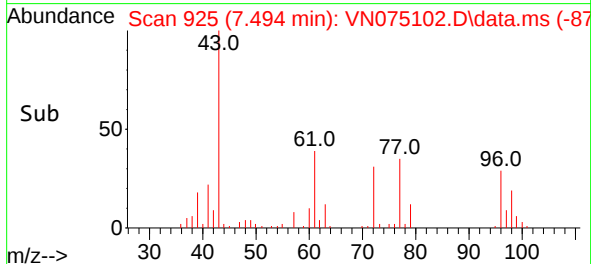
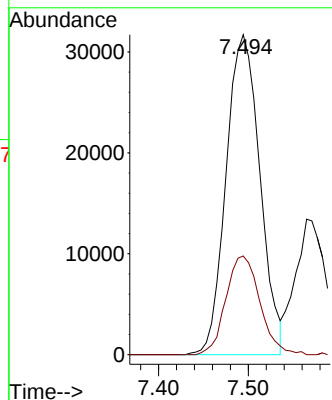
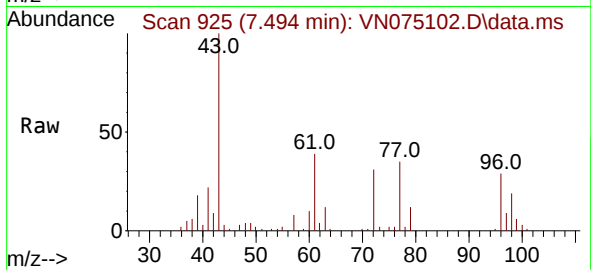
#25
2-Butanone
Concen: 105.176 ug/l
RT: 7.494 min Scan# 912
Delta R.T. 0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01

Tgt Ion: 43 Resp: 8312
Ion Ratio Lower Upper
43 100
72 30.9 25.5 38.3

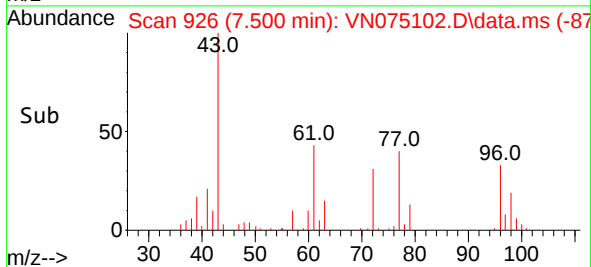
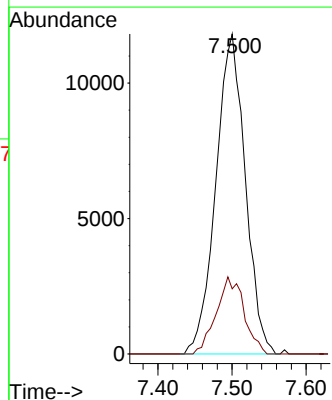
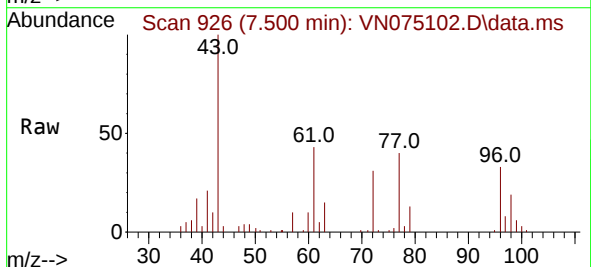
Manual Integrations
APPROVED

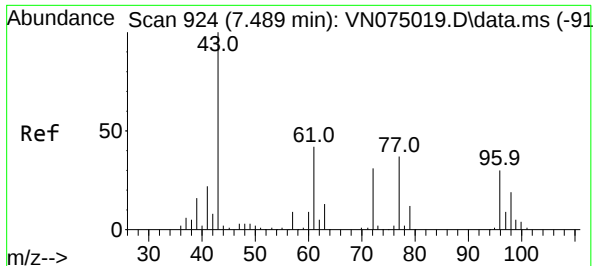
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#26
2,2-Dichloropropane
Concen: 18.607 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

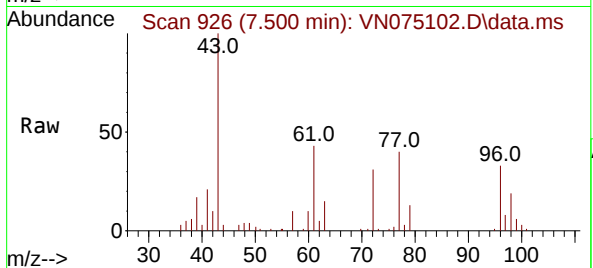
Tgt Ion: 77 Resp: 32575
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 20.336 ug/l
 RT: 7.500 min Scan# 911
 Delta R.T. 0.011 min
 Lab File: VN075102.D
 Acq: 01 Nov 2022 12:33

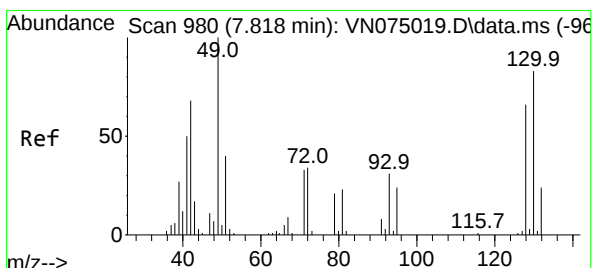
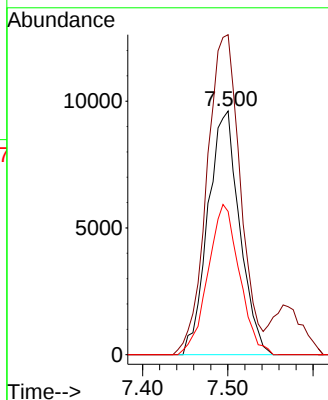
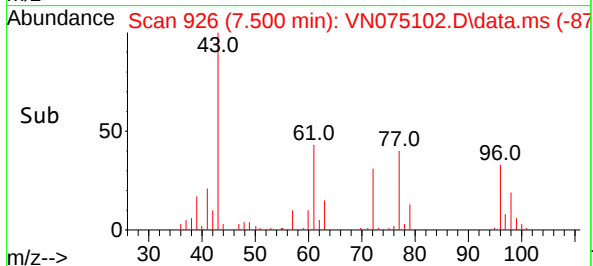
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBSD01



Tgt Ion: 96 Resp: 24824
 Ion Ratio Lower Upper
 96 100
 61 138.4 0.0 278.8
 98 61.4 0.0 128.4

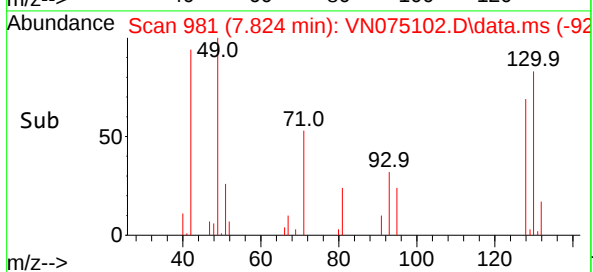
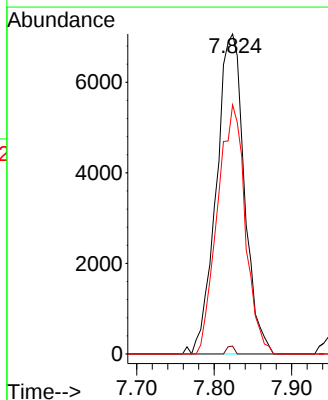
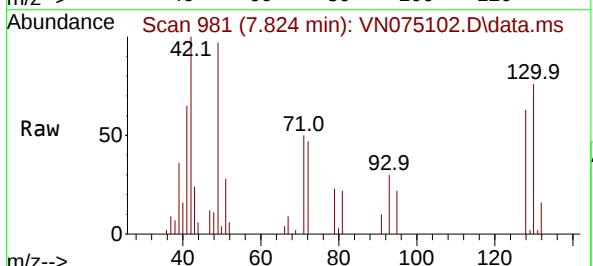
Manual Integrations
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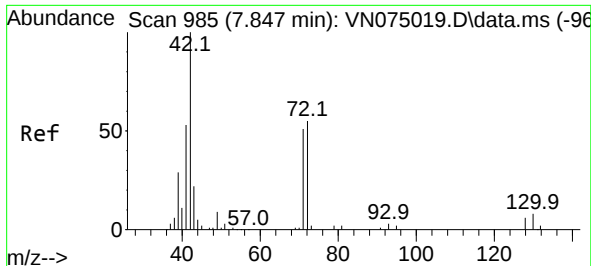
Reviewed By :John Carlone 11/02/2022
 Supervised By :Mahesh Dadoda 11/02/2022



#28
 Bromochloromethane
 Concen: 22.171 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.006 min
 Lab File: VN075102.D
 Acq: 01 Nov 2022 12:33

Tgt Ion: 49 Resp: 17786
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 4.6
 130 77.2 66.2 99.4





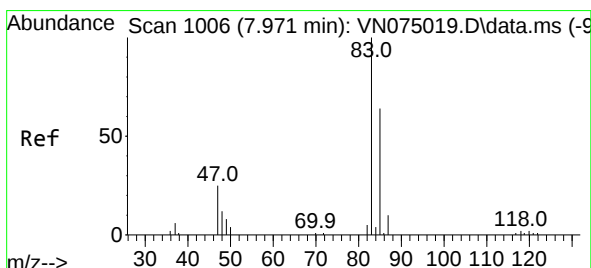
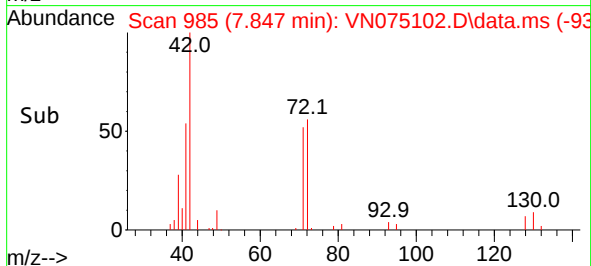
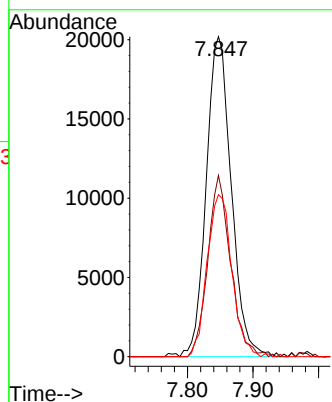
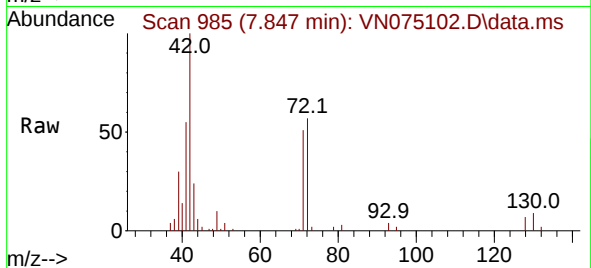
#29
Tetrahydrofuran
Concen: 104.882 ug/l
RT: 7.847 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01

Tgt Ion: 42 Resp: 53562
Ion Ratio Lower Upper
42 100
72 51.7 43.0 64.6
71 50.0 39.9 59.9

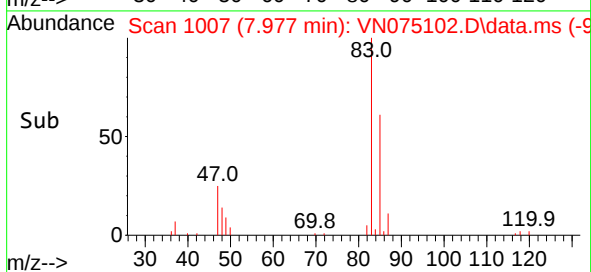
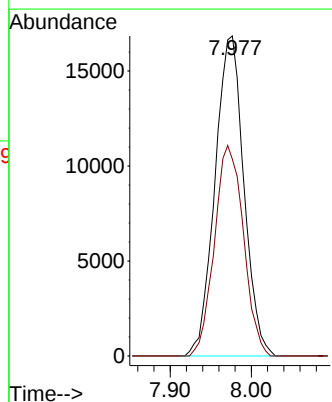
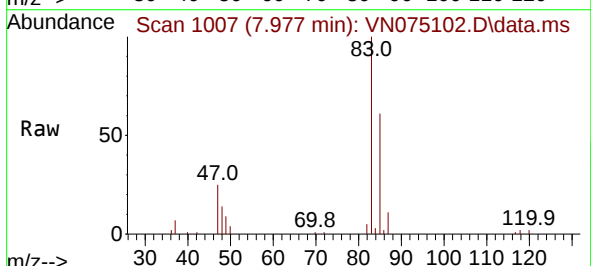
Manual Integrations
APPROVED

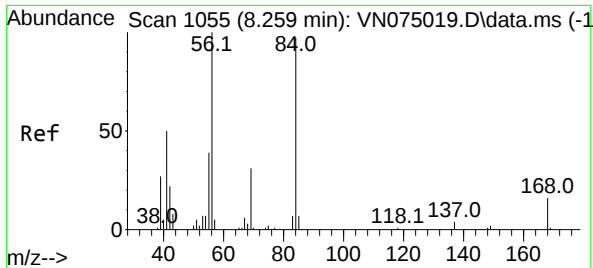
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#30
Chloroform
Concen: 20.178 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

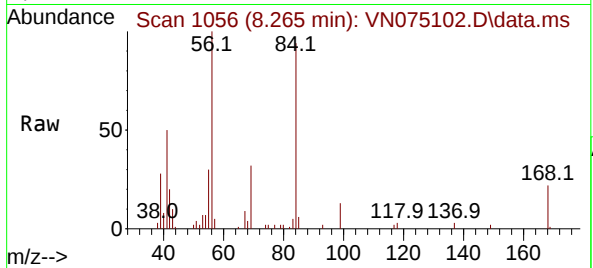
Tgt Ion: 83 Resp: 41691
Ion Ratio Lower Upper
83 100
85 61.5 51.4 77.0





#31
Cyclohexane
Concen: 19.701 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

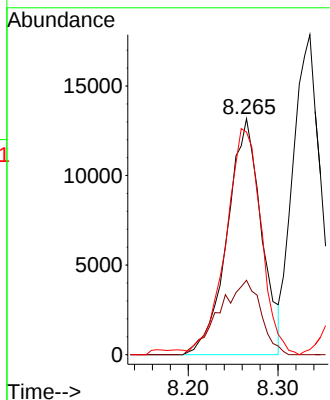
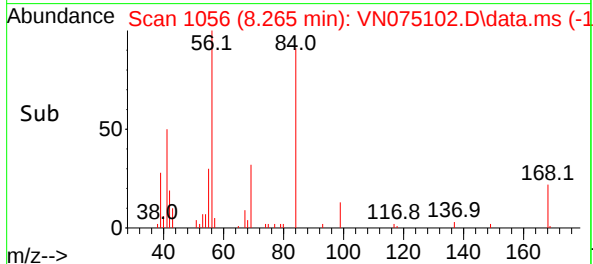
Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01



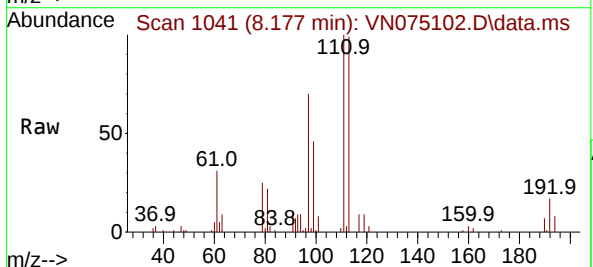
Tgt Ion: 56 Resp: 34770
Ion Ratio Lower Upper
56 100
69 31.5 25.2 37.8
84 92.2 77.8 116.8

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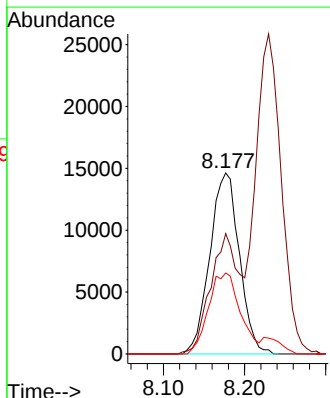
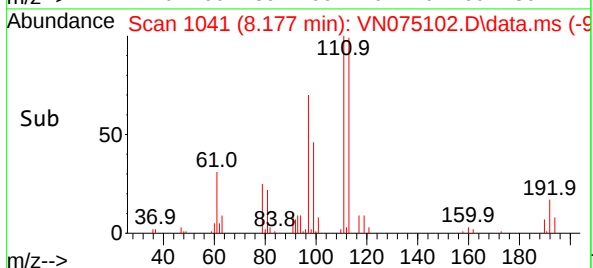
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#32
1,1,1-Trichloroethane
Concen: 19.681 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33



Tgt Ion: 97 Resp: 36928
Ion Ratio Lower Upper
97 100
99 65.8 50.2 75.2
61 48.3 37.0 55.6





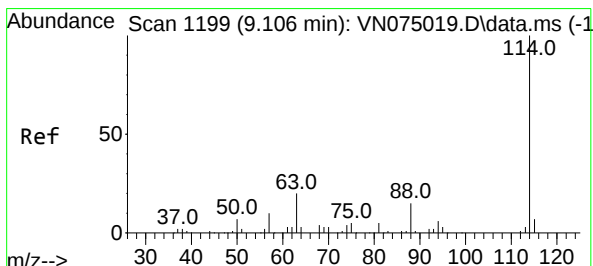
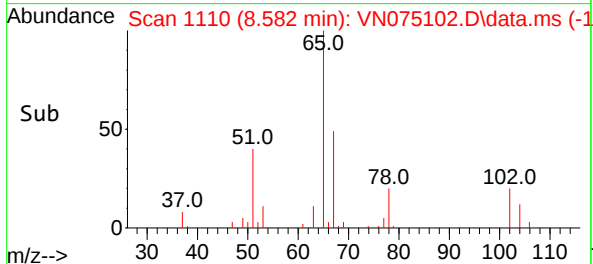
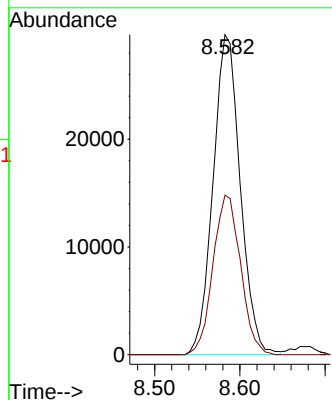
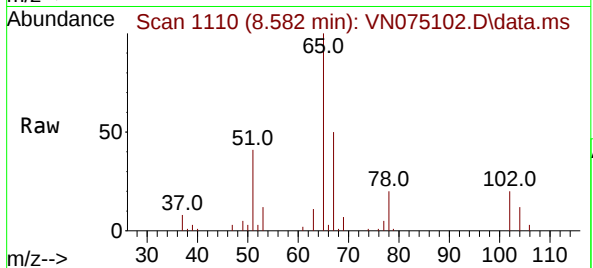
#33
1,2-Dichloroethane-d4
Concen: 55.482 ug/l
RT: 8.582 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01

Tgt Ion: 65 Resp: 6583
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.0

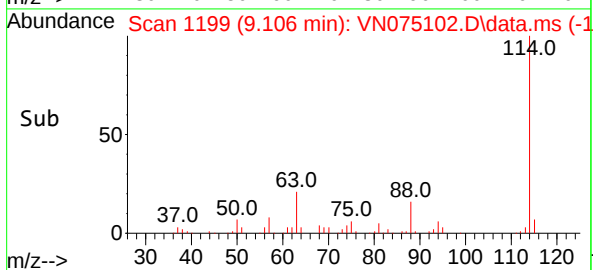
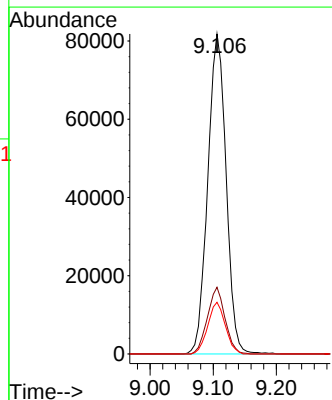
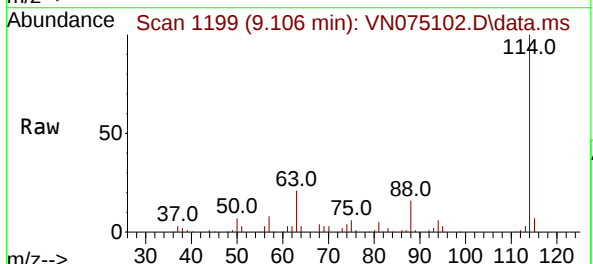
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

Tgt Ion:114 Resp: 165188
Ion Ratio Lower Upper
114 100
63 20.8 0.0 39.6
88 16.1 0.0 29.0





#35

Dibromofluoromethane

Concen: 52.183 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075102.D

Acq: 01 Nov 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN1101WBSD01

Tgt Ion: 113 Resp: 50604

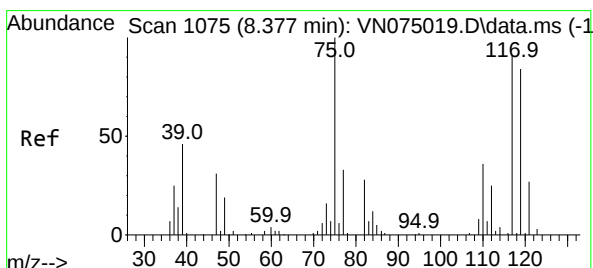
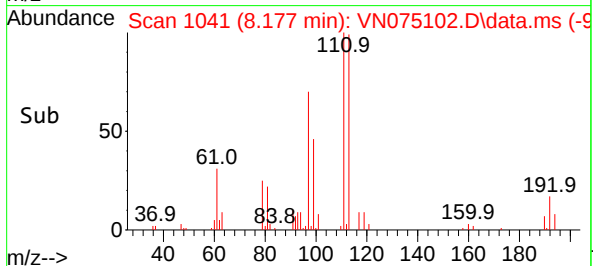
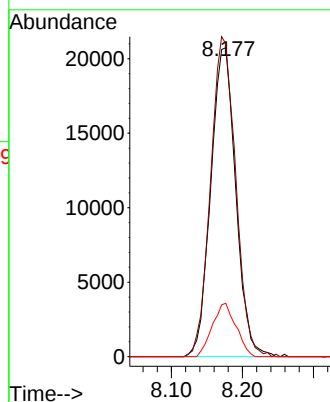
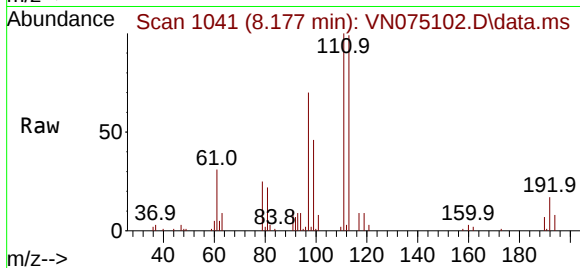
Ion	Ratio	Lower	Upper
113	100		
111	104.1	80.5	120.7
192	16.3	13.2	19.8

Manual Integrations

APPROVED

Reviewed By : John Carlone 11/02/2022

Supervised By : Mahesh Dadoda 11/02/2022



#36

1,1-Dichloropropene

Concen: 19.111 ug/l

RT: 8.377 min Scan# 1075

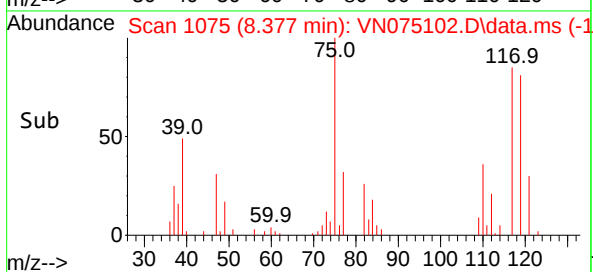
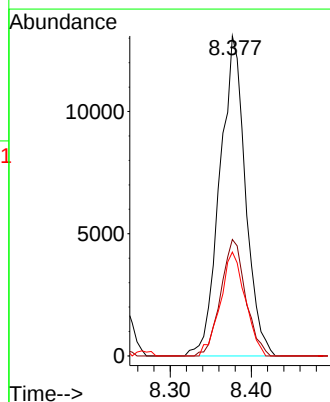
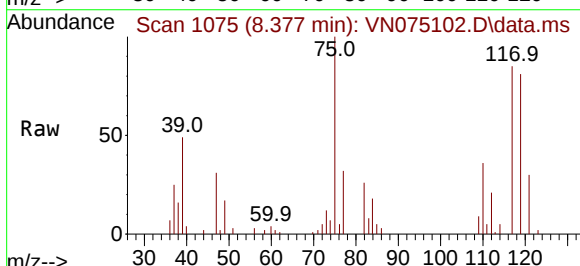
Delta R.T. -0.000 min

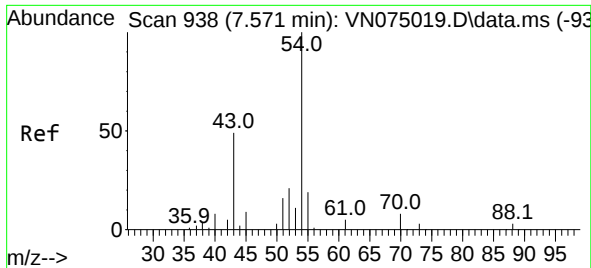
Lab File: VN075102.D

Acq: 01 Nov 2022 12:33

Tgt Ion: 75 Resp: 28692

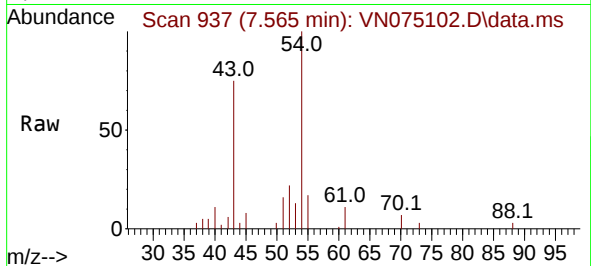
Ion	Ratio	Lower	Upper
75	100		
110	35.4	17.8	53.3
77	31.6	24.6	37.0





#37
Ethyl Acetate
Concen: 20.091 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

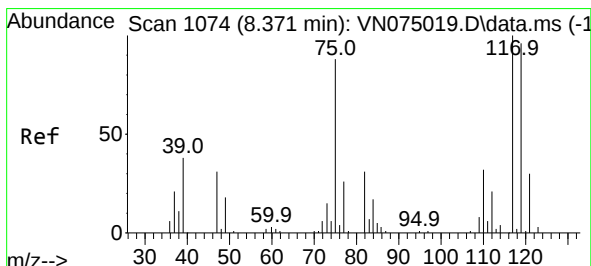
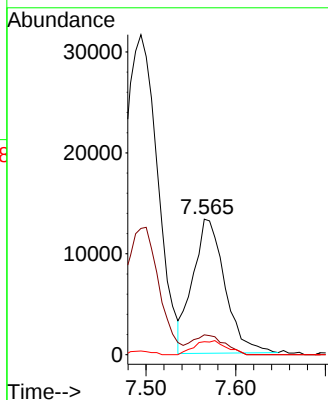
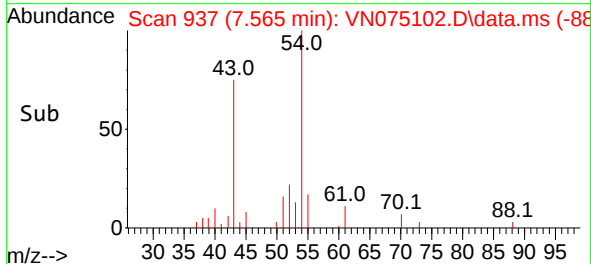
Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01



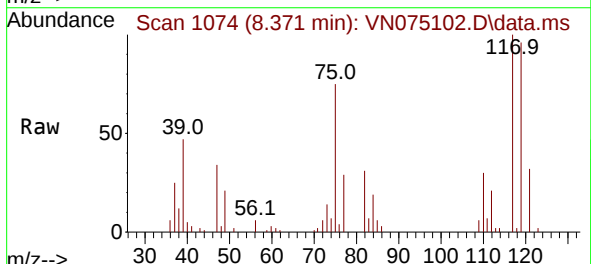
Tgt Ion: 43 Resp: 33080
Ion Ratio Lower Upper
43 100
61 14.7 12.2 18.4
70 10.4 9.4 14.2

Manual Integrations
APPROVED

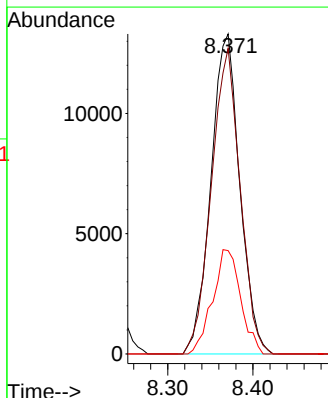
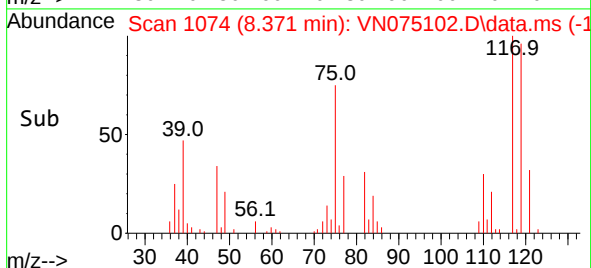
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

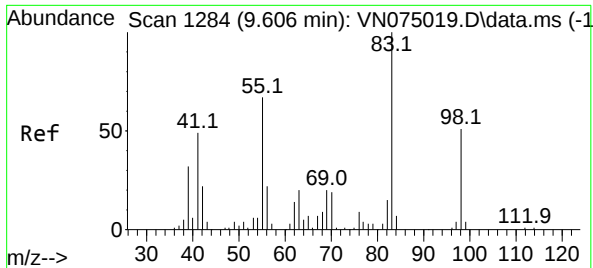


#38
Carbon Tetrachloride
Concen: 18.952 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33



Tgt Ion:117 Resp: 31299
Ion Ratio Lower Upper
117 100
119 95.5 76.7 115.1
121 32.3 23.9 35.9





#39

Methylcyclohexane

Concen: 18.742 ug/l

RT: 9.600 min Scan# 1115

Delta R.T. -0.006 min

Lab File: VN075102.D

Acq: 01 Nov 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN1101WBSD01

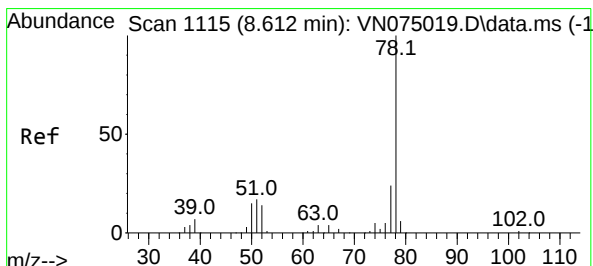
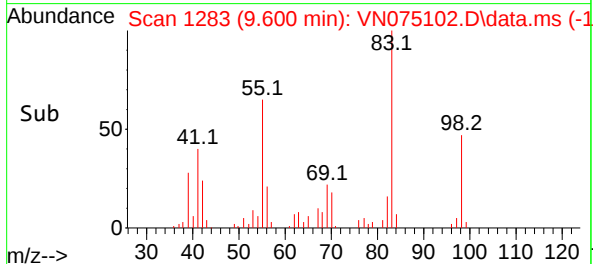
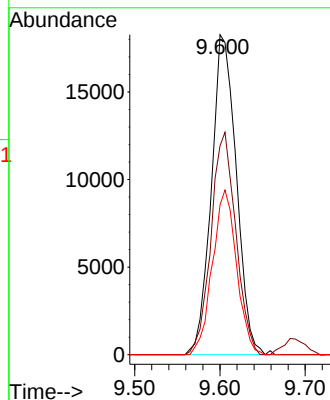
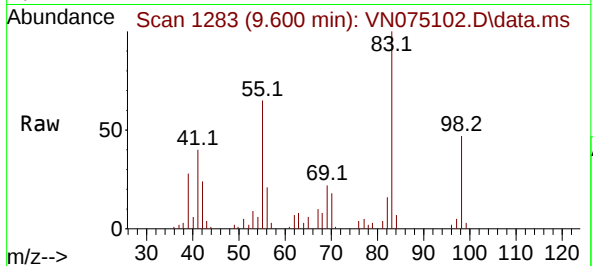
Tgt Ion: 83	Resp: 3714
Ion Ratio	Lower Upper
83 100	
55 65.3	53.6 80.4
98 46.8	41.1 61.7

Manual Integrations

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Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#40

Benzene

Concen: 19.596 ug/l

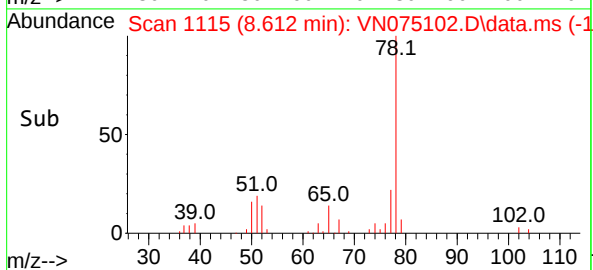
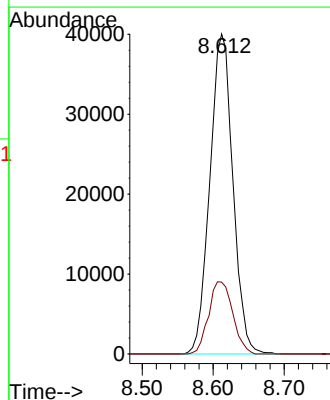
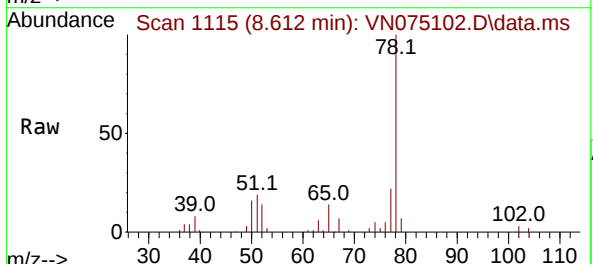
RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075102.D

Acq: 01 Nov 2022 12:33

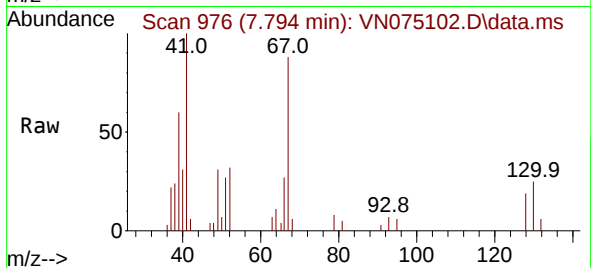
Tgt Ion: 78	Resp: 90081
Ion Ratio	Lower Upper
78 100	
77 22.5	19.4 29.0





#41
Methacrylonitrile
Concen: 21.838 ug/l
RT: 7.794 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

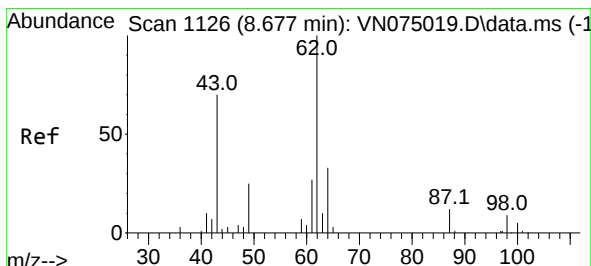
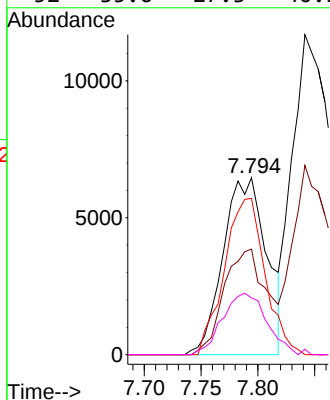
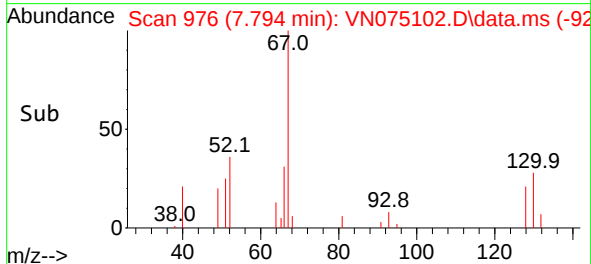
Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01



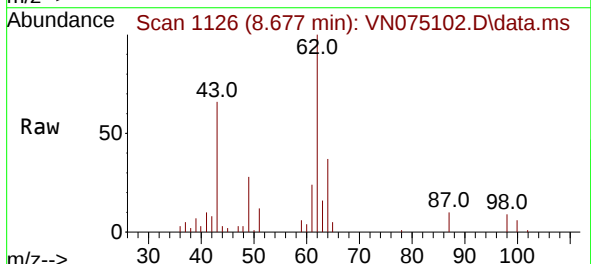
Tgt Ion: 41 Resp: 17220
Ion Ratio Lower Upper
41 100
39 58.7 44.4 66.6
67 82.4 69.8 104.6
52 35.6 27.3 40.9

Manual Integrations
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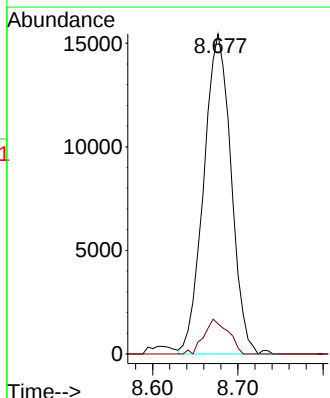
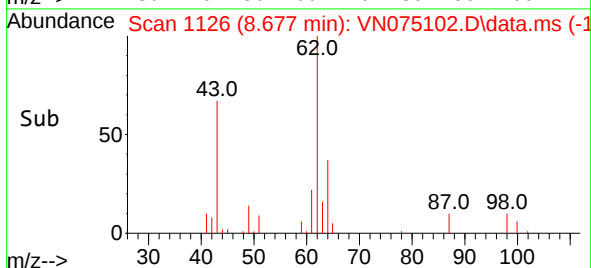
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

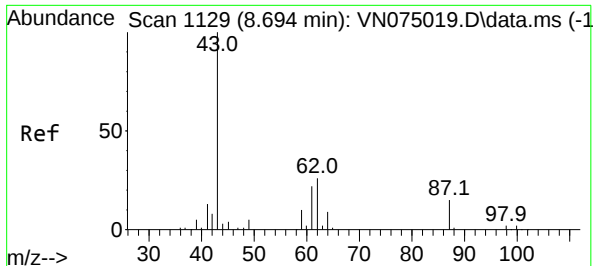


#42
1,2-Dichloroethane
Concen: 20.617 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33



Tgt Ion: 62 Resp: 34480
Ion Ratio Lower Upper
62 100
98 9.6 0.0 18.2





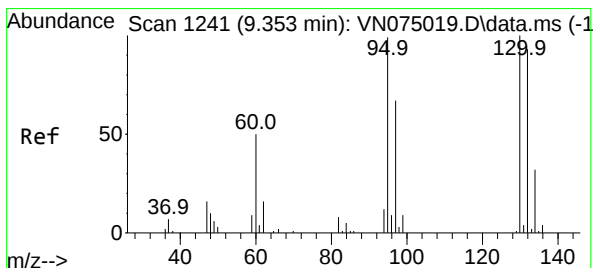
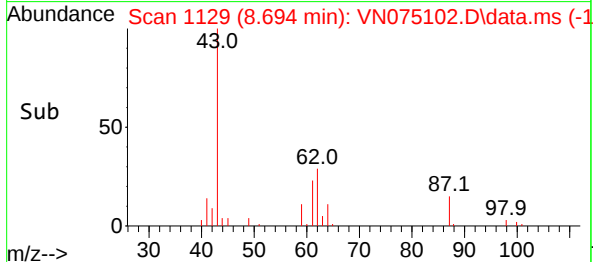
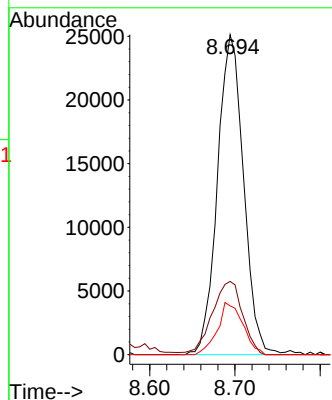
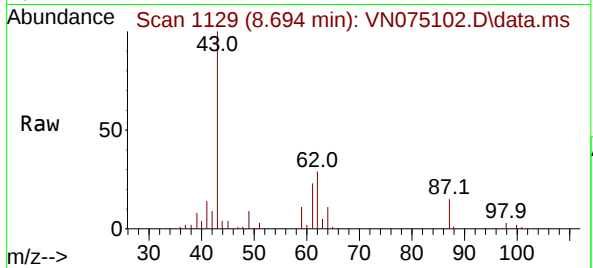
#43
Isopropyl Acetate
Concen: 20.935 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01

Tgt Ion: 43 Resp: 5346
Ion Ratio Lower Upper
43 100
61 26.7 22.4 33.6
87 15.9 12.5 18.7

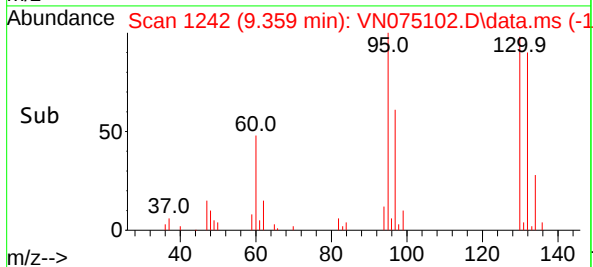
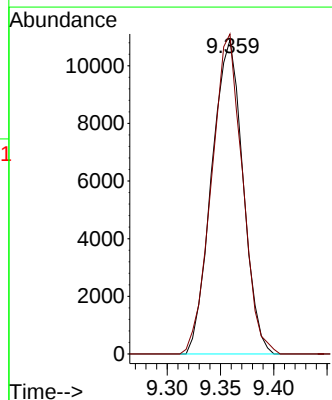
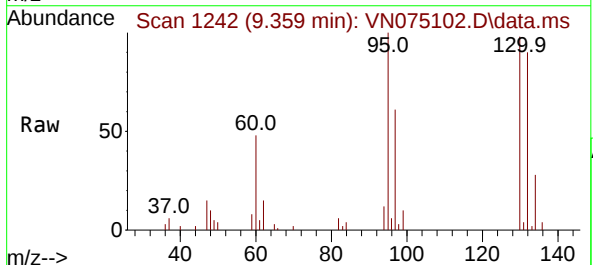
Manual Integrations
APPROVED

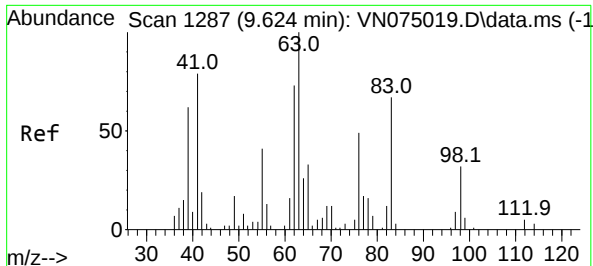
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#44
Trichloroethene
Concen: 19.284 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

Tgt Ion:130 Resp: 22240
Ion Ratio Lower Upper
130 100
95 101.9 0.0 198.4





#45

1,2-Dichloropropane

Concen: 21.308 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075102.D

Acq: 01 Nov 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN1101WBSD01

Tgt Ion: 63 Resp: 23310

Ion Ratio Lower Upper

63 100

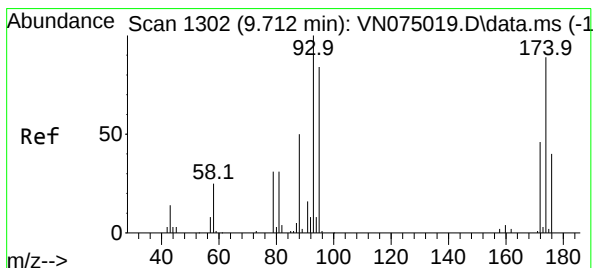
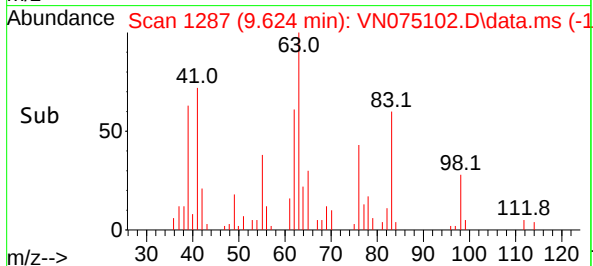
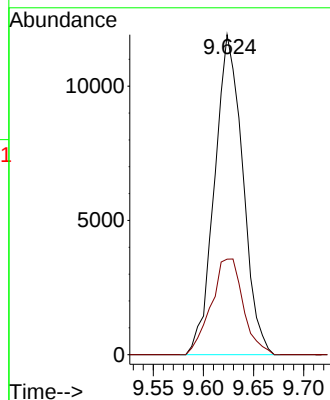
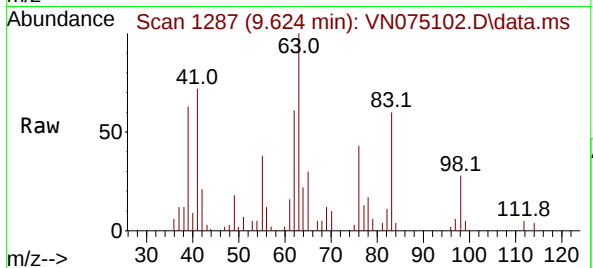
65 29.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#46

Dibromomethane

Concen: 20.485 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075102.D

Acq: 01 Nov 2022 12:33

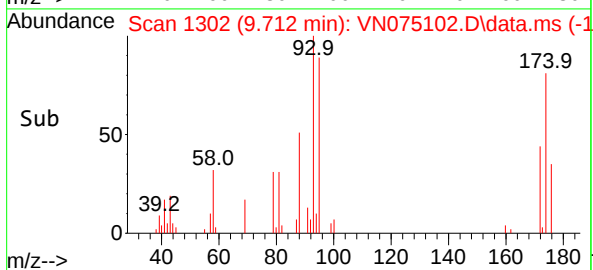
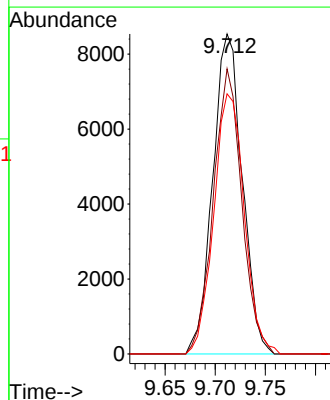
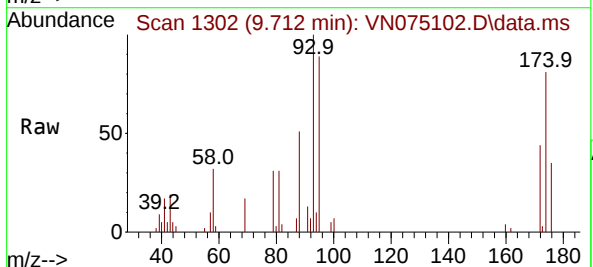
Tgt Ion: 93 Resp: 17459

Ion Ratio Lower Upper

93 100

95 85.9 66.6 99.8

174 84.2 70.3 105.5





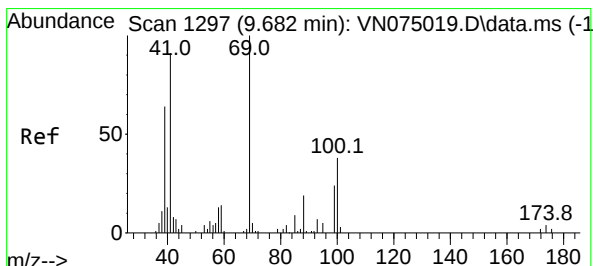
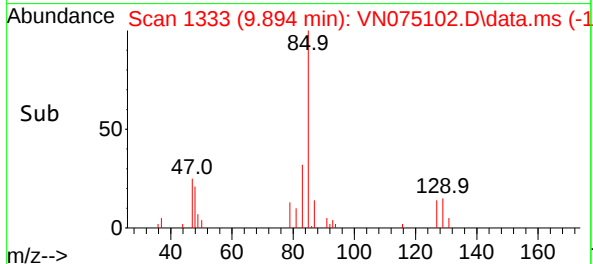
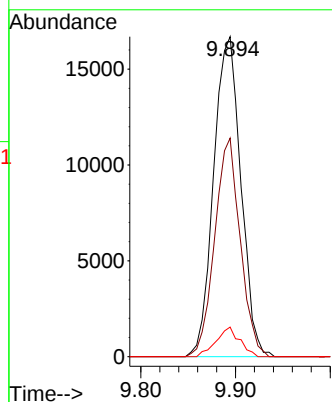
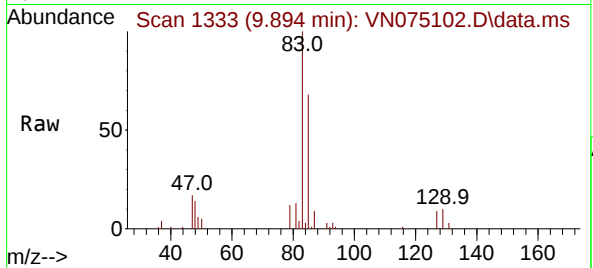
#47
Bromodichloromethane
Concen: 20.180 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01

Tgt Ion: 83 Resp: 3330
Ion Ratio Lower Upper
83 100
85 68.3 52.1 78.1
127 9.2 6.6 10.0

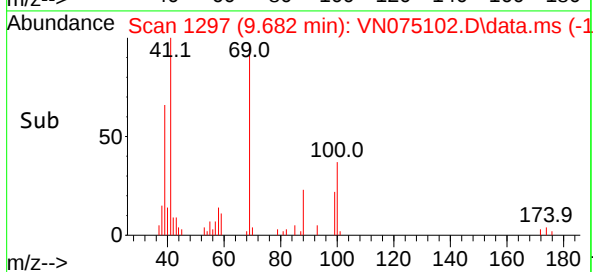
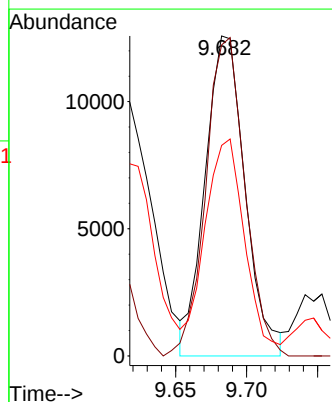
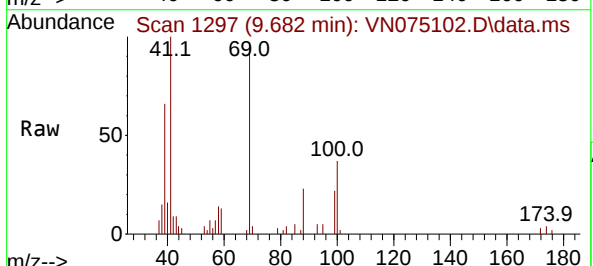
Manual Integrations
APPROVED

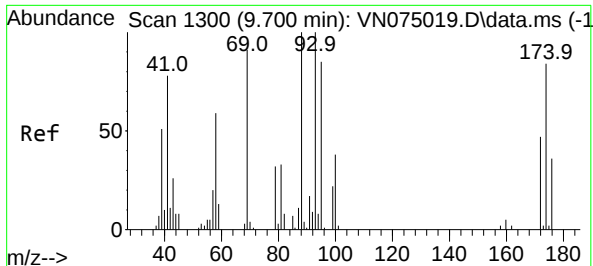
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#48
Methyl methacrylate
Concen: 20.999 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

Tgt Ion: 41 Resp: 24601
Ion Ratio Lower Upper
41 100
69 97.2 80.2 120.2
39 68.2 56.2 84.2





#49

1,4-Dioxane

Concen: 415.616 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075102.D

Acq: 01 Nov 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN1101WBSD01

Tgt Ion: 88 Resp: 12750

Ion Ratio Lower Upper

88 100

43 23.8 17.5 26.3

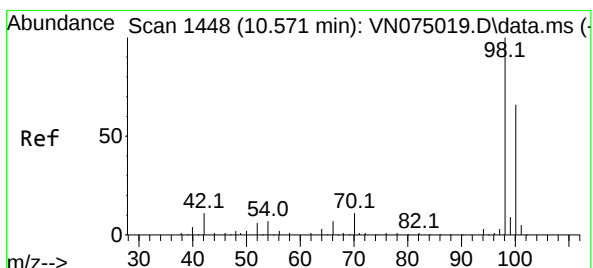
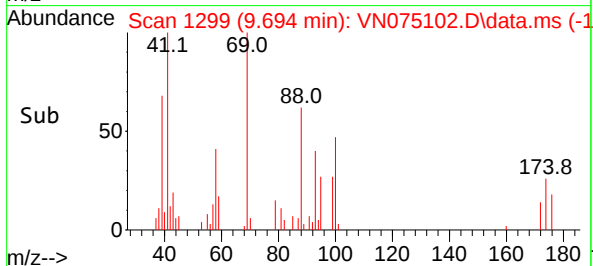
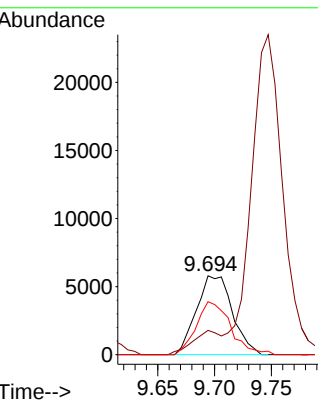
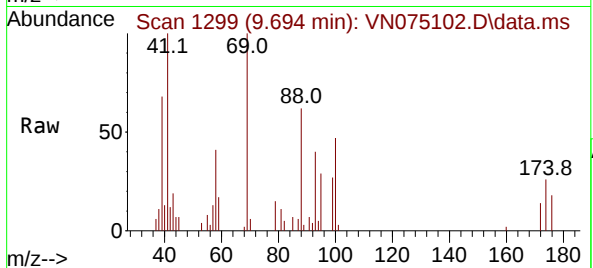
58 64.2 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#50

Toluene-d8

Concen: 51.592 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075102.D

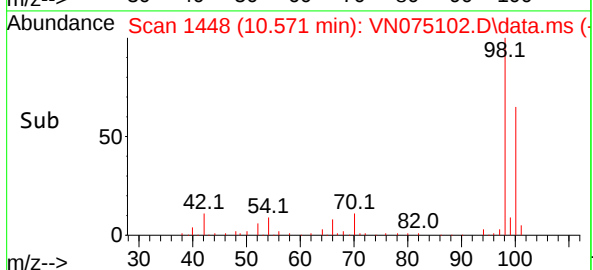
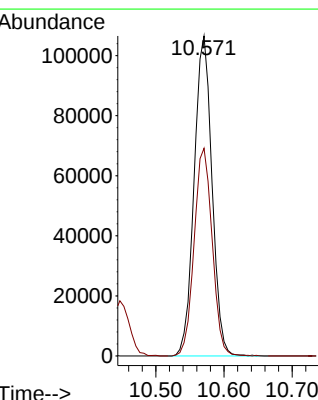
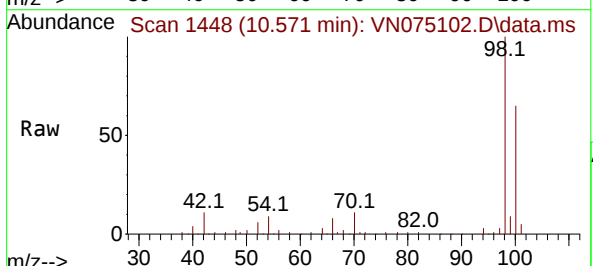
Acq: 01 Nov 2022 12:33

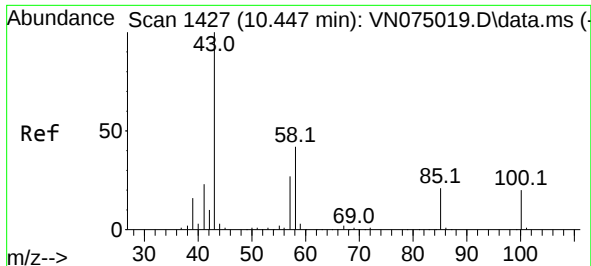
Tgt Ion: 98 Resp: 194105

Ion Ratio Lower Upper

98 100

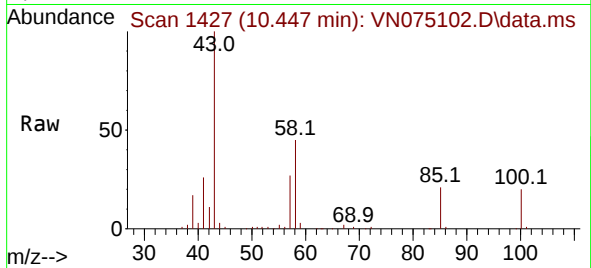
100 65.7 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 105.394 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

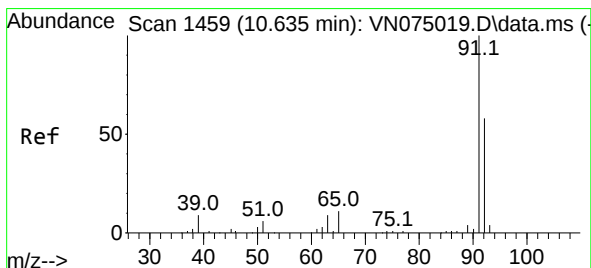
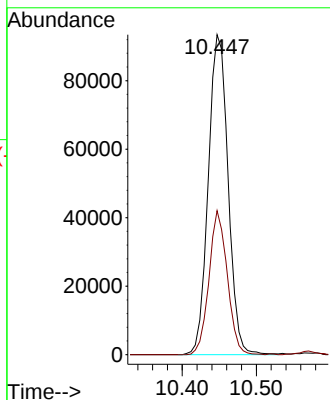
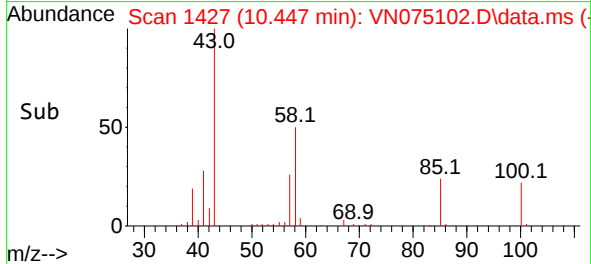
Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01



Tgt Ion: 43 Resp: 173694
Ion Ratio Lower Upper
43 100
58 41.5 33.6 50.4

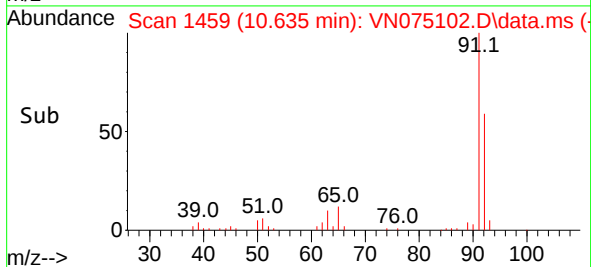
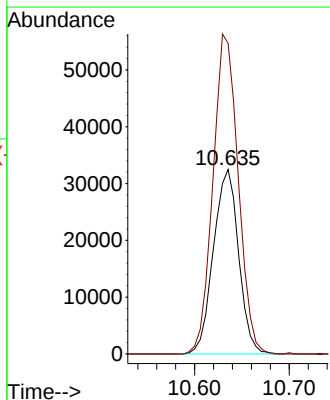
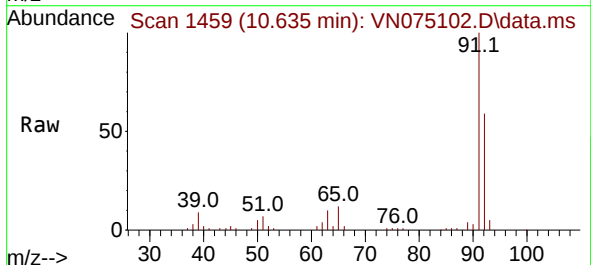
Manual Integrations
APPROVED

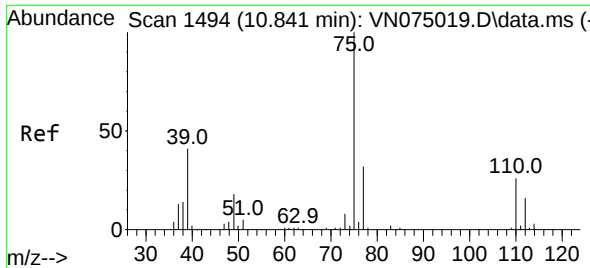
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#52
Toluene
Concen: 19.491 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

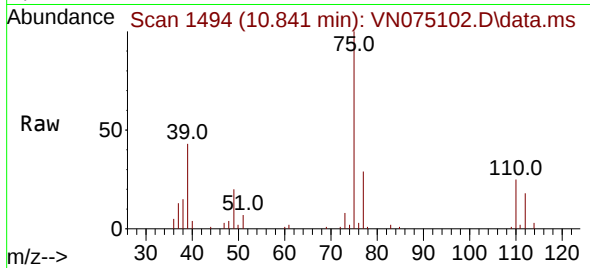
Tgt Ion: 92 Resp: 59892
Ion Ratio Lower Upper
92 100
91 174.3 135.4 203.2





#53
t-1,3-Dichloropropene
Concen: 19.651 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

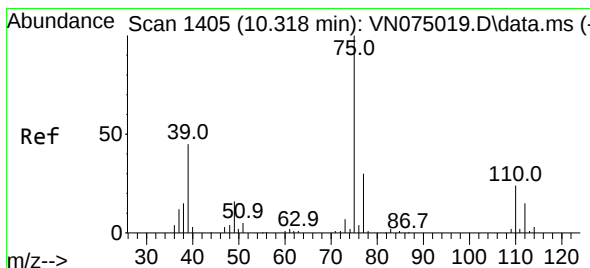
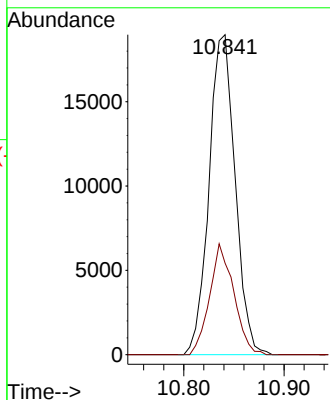
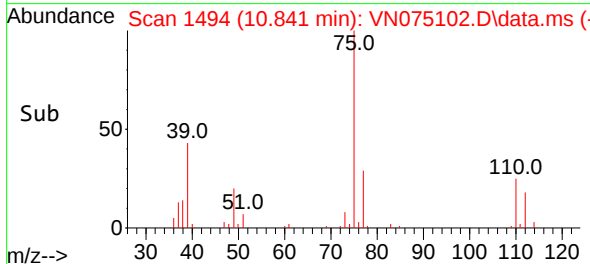
Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01



Tgt Ion: 75 Resp: 34234
Ion Ratio Lower Upper
75 100
77 28.6 25.4 38.2

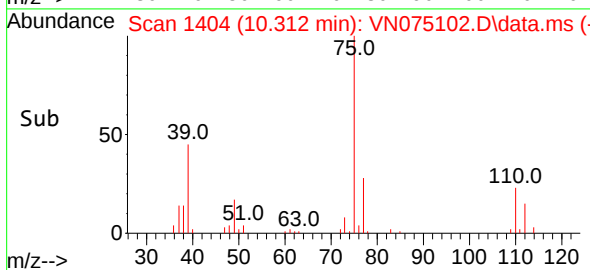
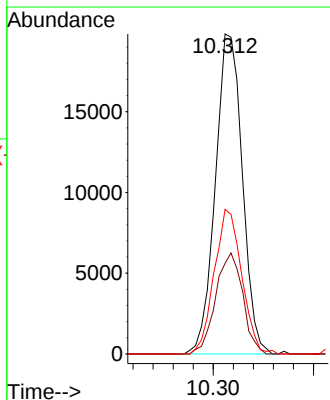
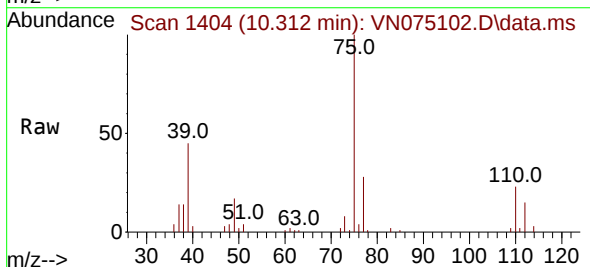
Manual Integrations
APPROVED

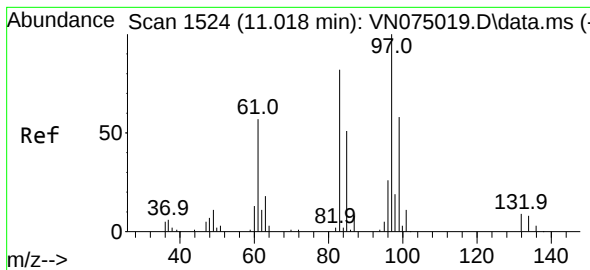
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#54
cis-1,3-Dichloropropene
Concen: 19.986 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.006 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

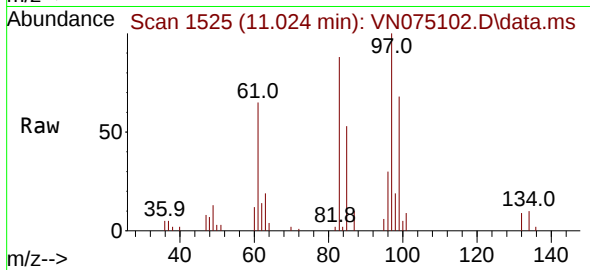
Tgt Ion: 75 Resp: 36929
Ion Ratio Lower Upper
75 100
77 28.3 23.7 35.5
39 45.2 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 20.081 ug/l
RT: 11.024 min Scan# 1100
Delta R.T. 0.005 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

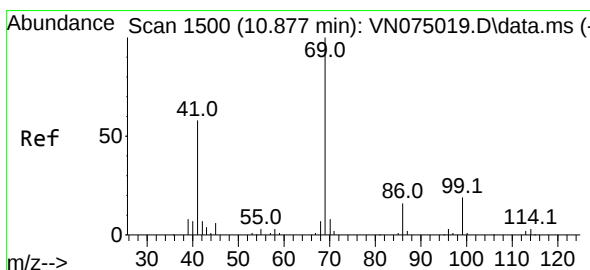
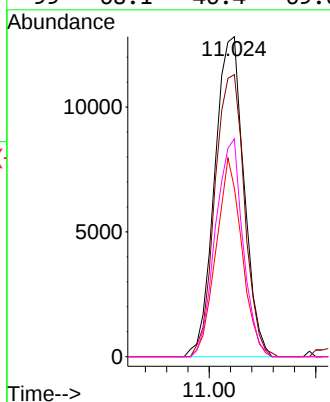
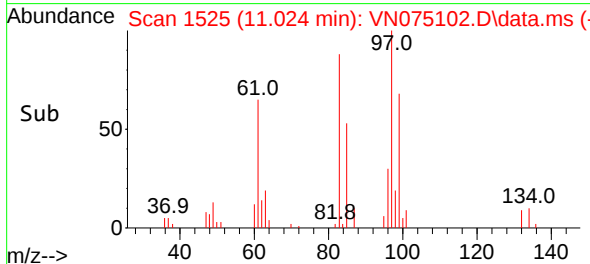
Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01



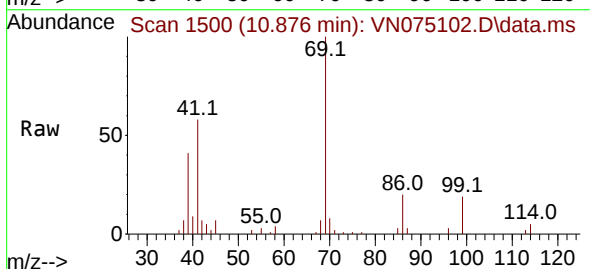
Tgt Ion:	97	Resp:	2446
Ion Ratio	Lower	Upper	
97	100		
83	88.1	65.9	98.9
85	52.8	40.4	60.6
99	68.1	46.4	69.6

Manual Integrations
APPROVED

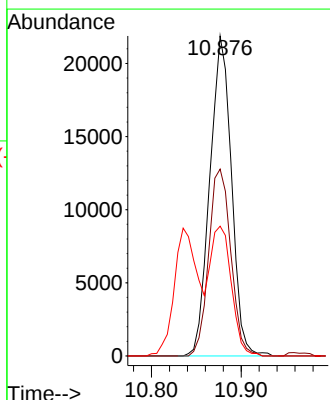
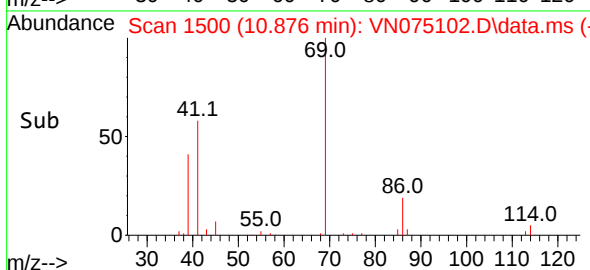
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

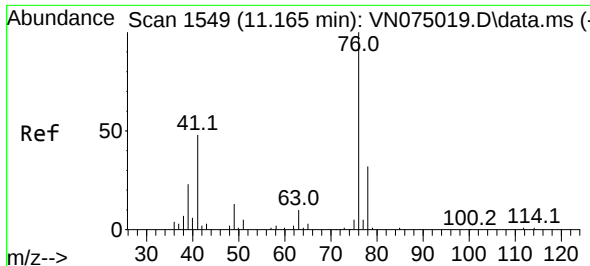


#56
Ethyl methacrylate
Concen: 19.724 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33



Tgt Ion:	69	Resp:	36658
Ion Ratio	Lower	Upper	
69	100		
41	59.7	45.6	68.4
39	39.8	28.5	42.7





#57

1,3-Dichloropropane

Concen: 20.856 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN075102.D

Acq: 01 Nov 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN1101WBSD01

Tgt Ion: 76 Resp: 42318

Ion Ratio Lower Upper

76 100

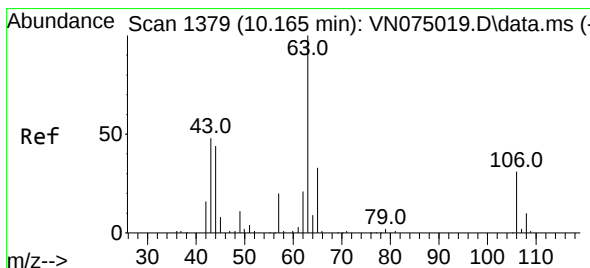
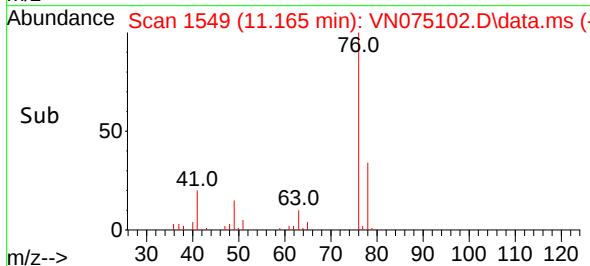
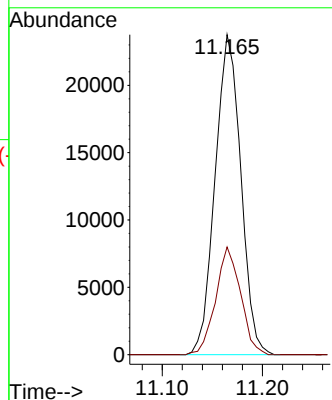
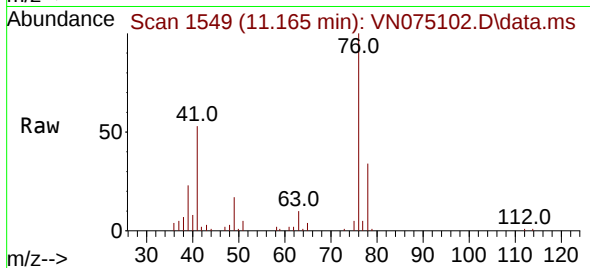
78 32.5 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#58

2-Chloroethyl Vinyl ether

Concen: 108.169 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075102.D

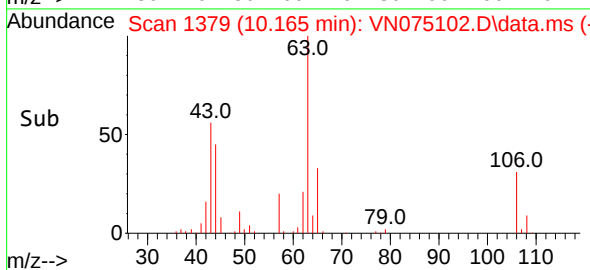
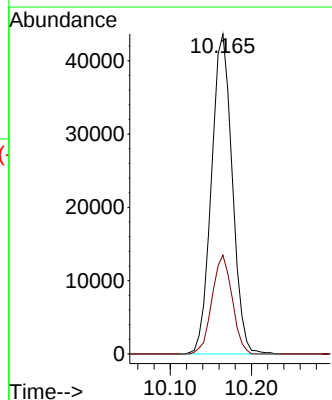
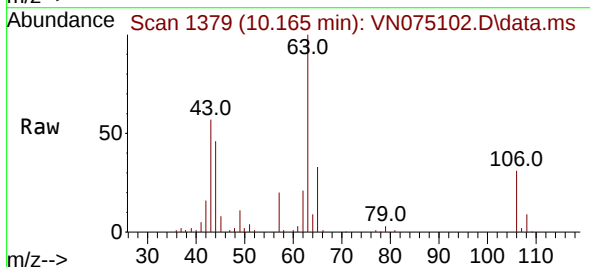
Acq: 01 Nov 2022 12:33

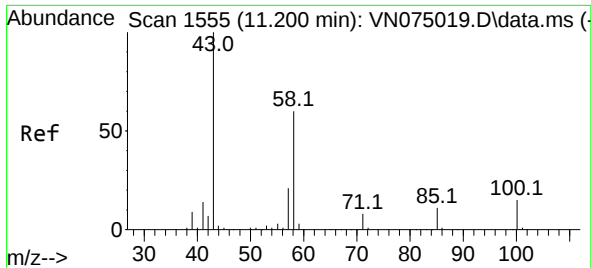
Tgt Ion: 63 Resp: 77720

Ion Ratio Lower Upper

63 100

106 29.8 24.8 37.2





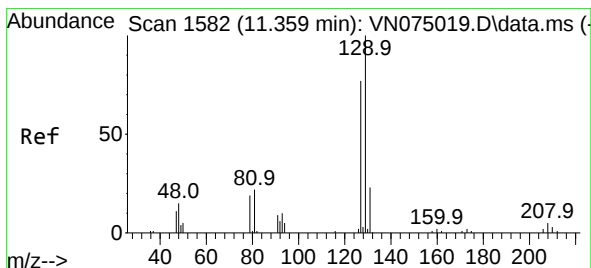
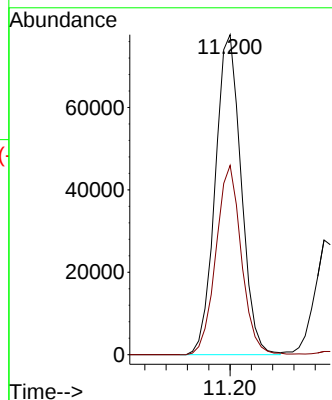
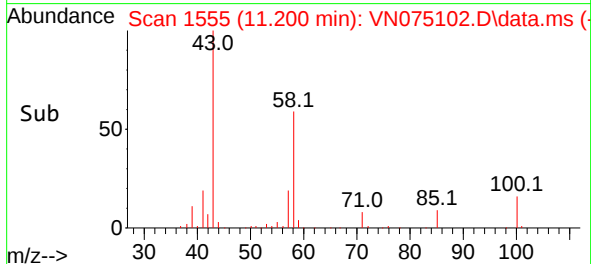
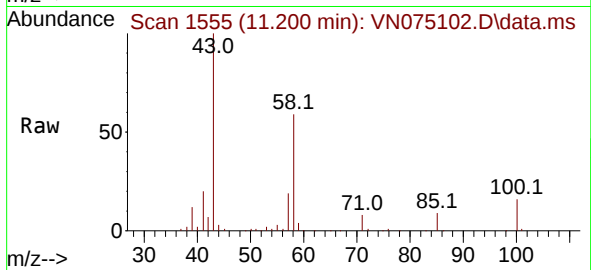
#59
2-Hexanone
Concen: 104.741 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01

Tgt Ion: 43 Resp: 131010
Ion Ratio Lower Upper
43 100
58 58.0 29.6 88.8

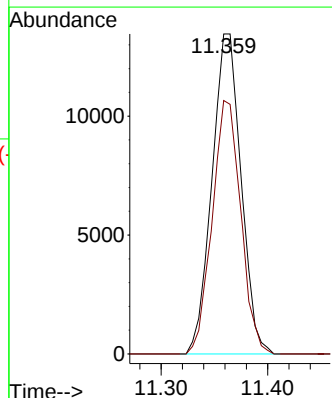
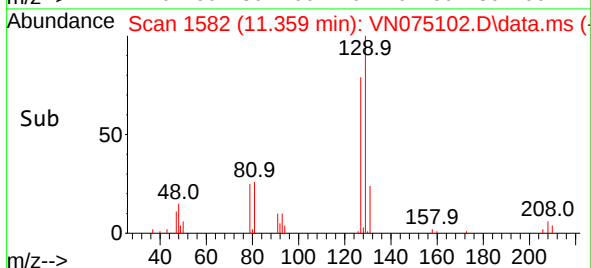
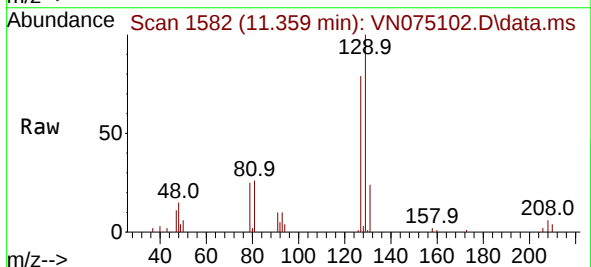
Manual Integrations
APPROVED

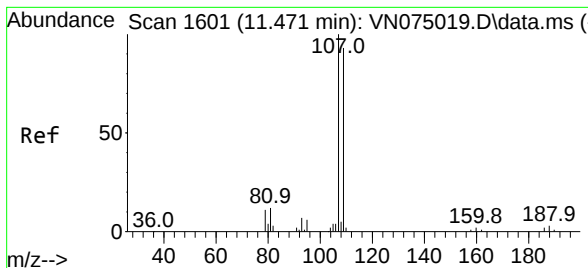
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#60
Dibromochloromethane
Concen: 19.866 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

Tgt Ion:129 Resp: 25537
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8





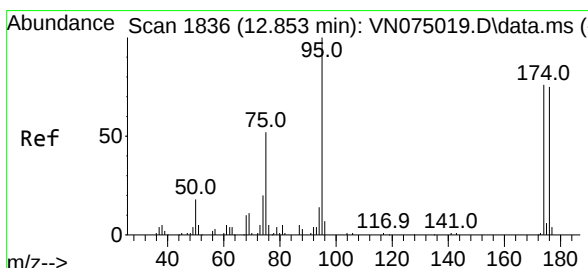
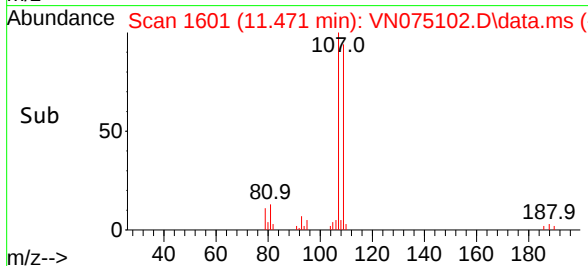
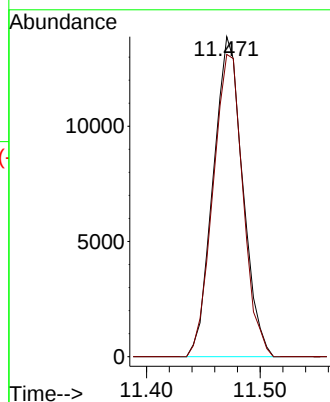
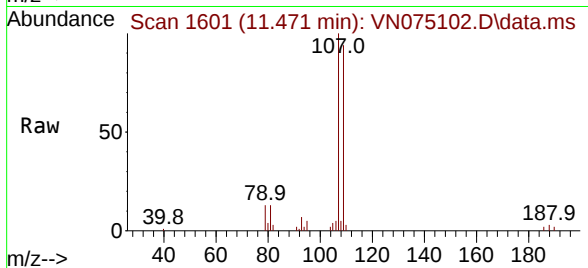
#61
1,2-Dibromoethane
Concen: 20.064 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01

Tgt Ion:107 Resp: 2505
Ion Ratio Lower Upper
107 100
109 95.8 75.6 113.4

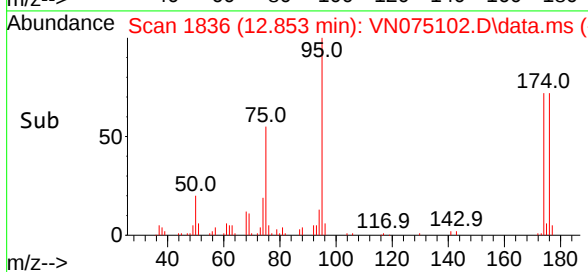
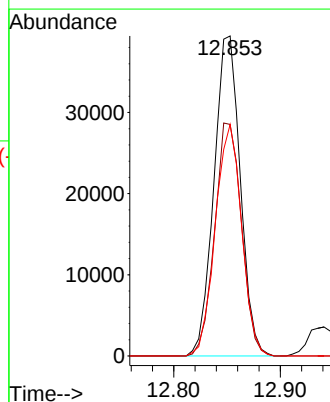
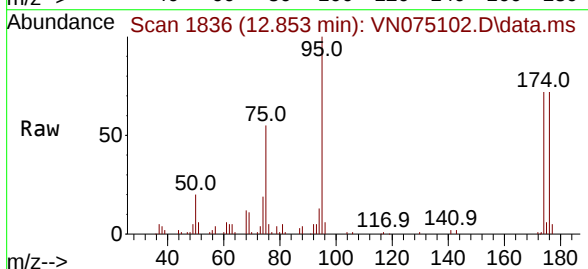
Manual Integrations
APPROVED

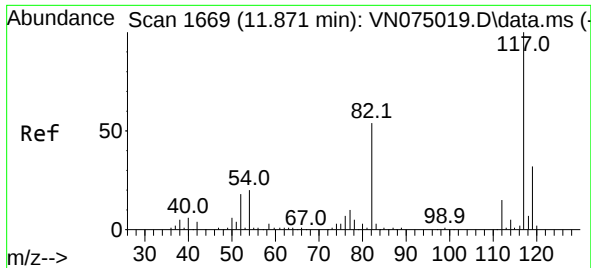
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#62
4-Bromofluorobenzene
Concen: 51.163 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

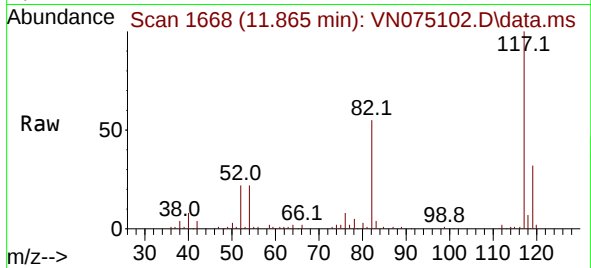
Tgt Ion: 95 Resp: 67619
Ion Ratio Lower Upper
95 100
174 74.1 0.0 147.4
176 72.2 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

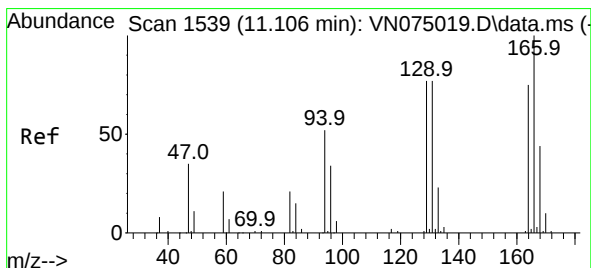
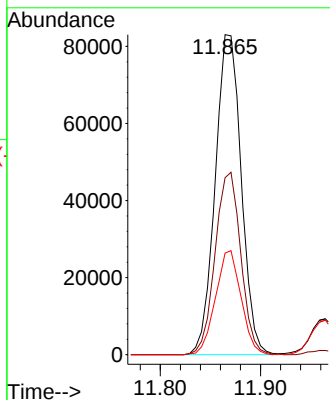
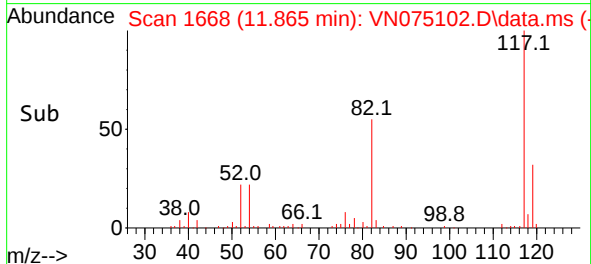
Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01



Tgt Ion:117 Resp: 150170
Ion Ratio Lower Upper
117 100
82 55.3 43.1 64.7
119 31.8 25.5 38.3

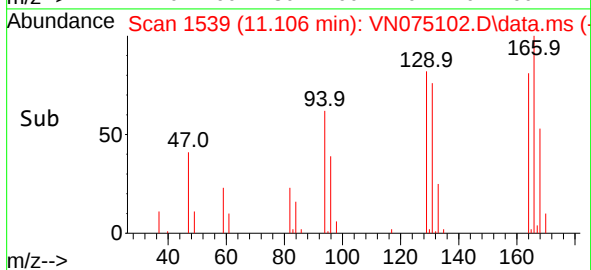
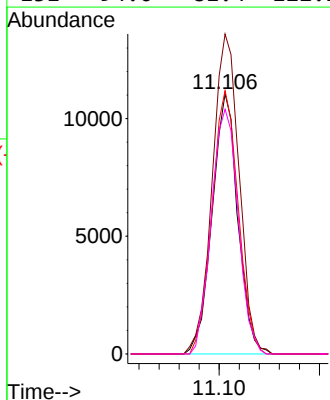
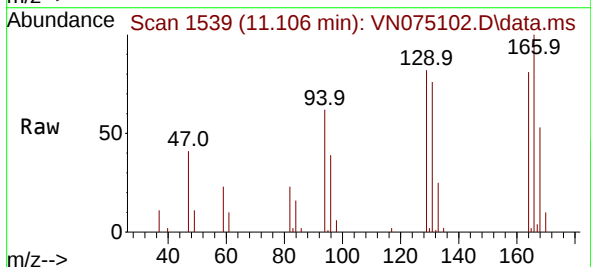
Manual Integrations
APPROVED

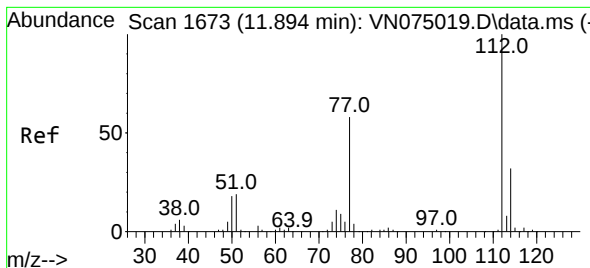
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#64
Tetrachloroethene
Concen: 21.232 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

Tgt Ion:164 Resp: 19548
Ion Ratio Lower Upper
164 100
166 123.0 106.5 159.7
129 101.3 81.9 122.9
131 94.0 81.4 122.2





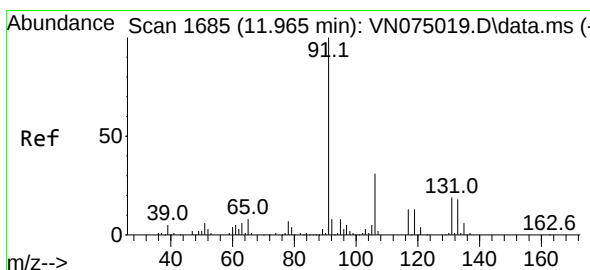
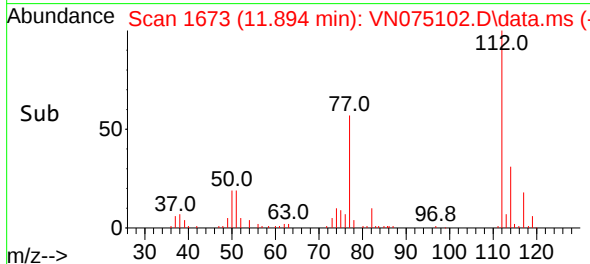
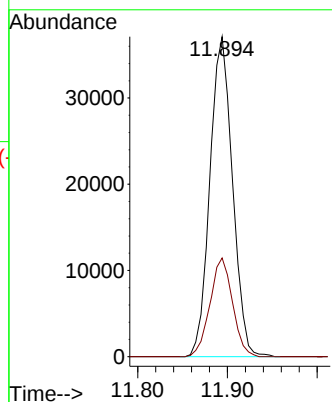
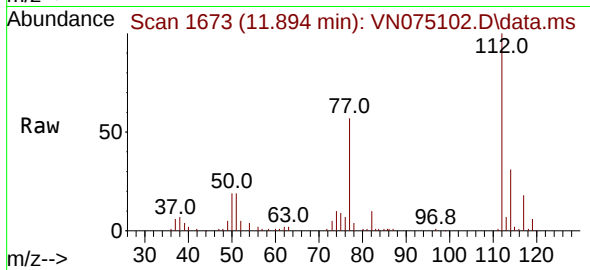
#65
Chlorobenzene
Concen: 20.228 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01

Tgt Ion:112 Resp: 6484
Ion Ratio Lower Upper
112 100
114 30.9 25.4 38.2

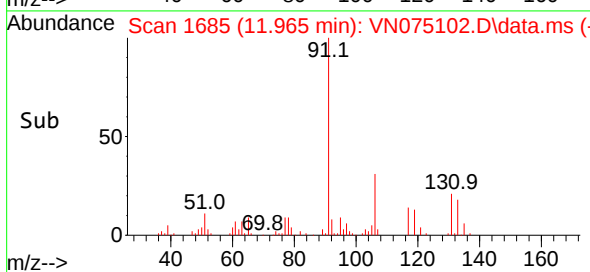
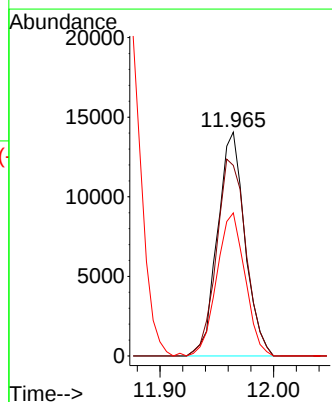
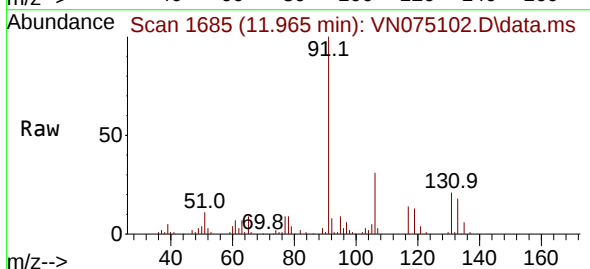
Manual Integrations
APPROVED

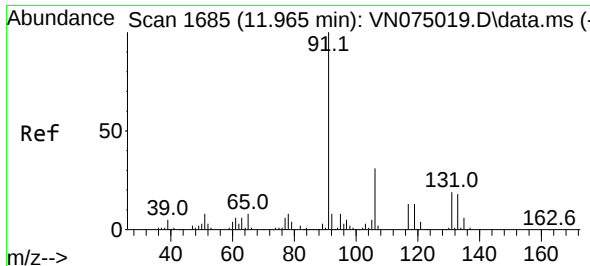
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.820 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

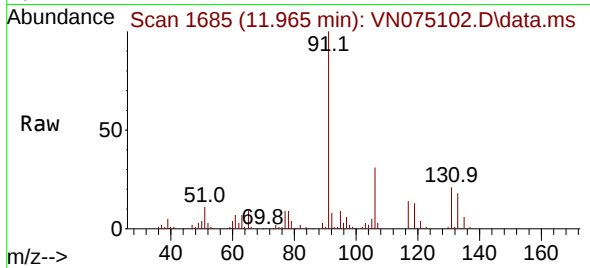
Tgt Ion:131 Resp: 23568
Ion Ratio Lower Upper
131 100
133 94.7 47.8 143.4
119 65.9 33.0 99.0





#67
Ethyl Benzene
Concen: 19.687 ug/l
RT: 11.965 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

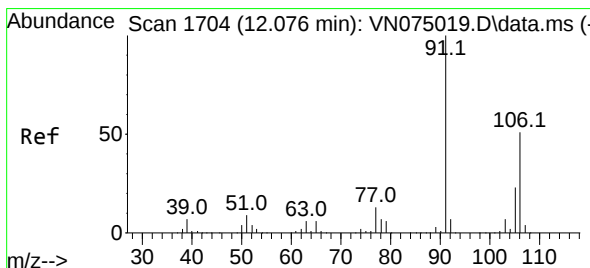
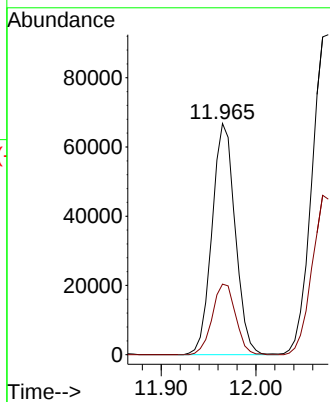
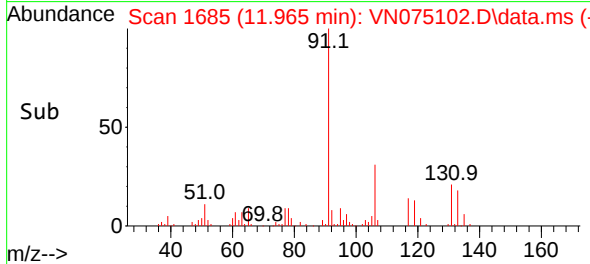
Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01



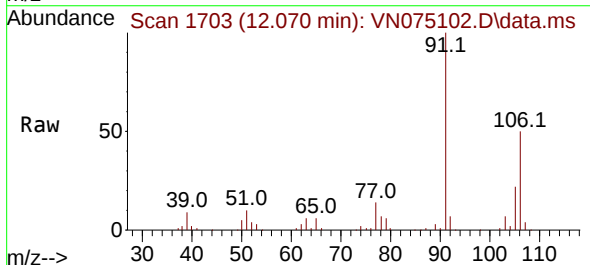
Tgt Ion: 91 Resp: 11353
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3

Manual Integrations
APPROVED

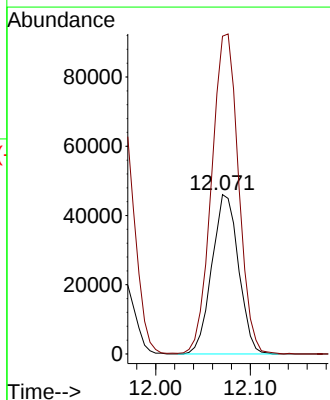
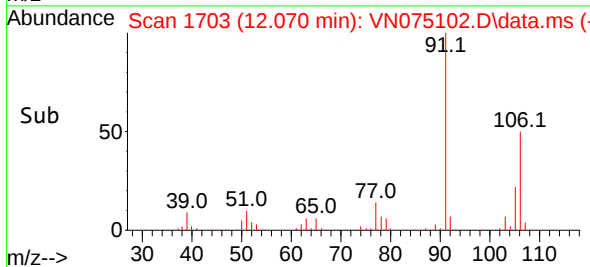
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

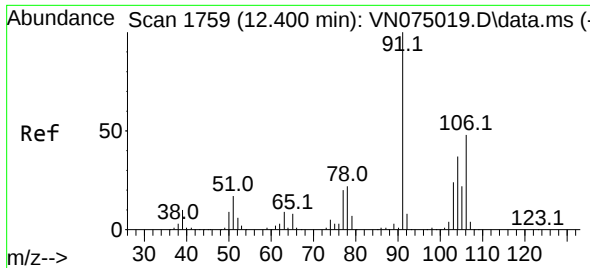


#68
m/p-Xylenes
Concen: 38.857 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33



Tgt Ion:106 Resp: 89918
Ion Ratio Lower Upper
106 100
91 203.3 156.0 234.0





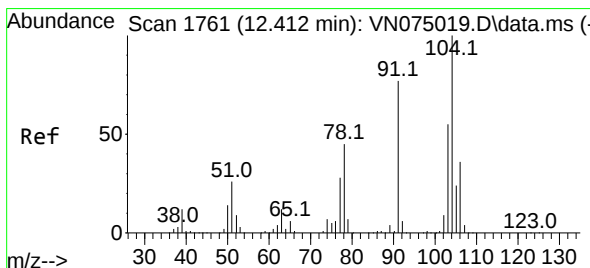
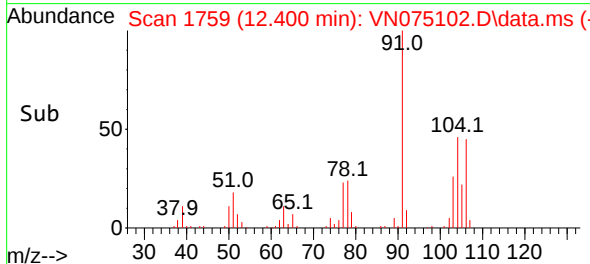
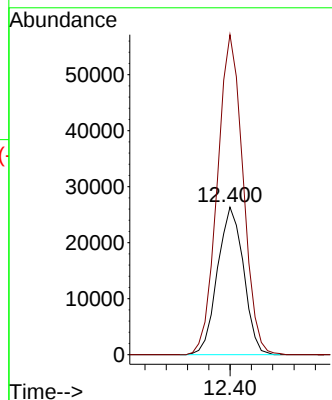
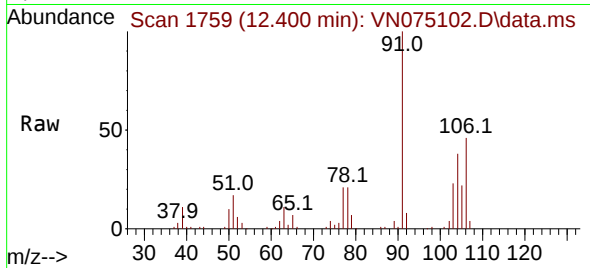
#69
o-Xylene
Concen: 19.543 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01

Tgt Ion:106 Resp: 44725
Ion Ratio Lower Upper
106 100
91 213.9 105.2 315.5

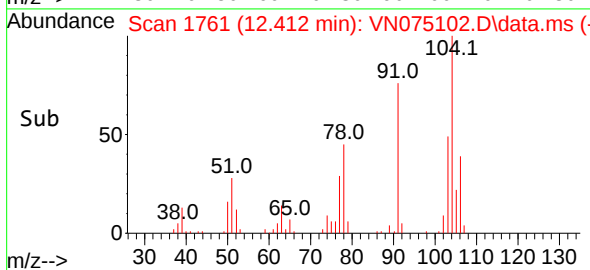
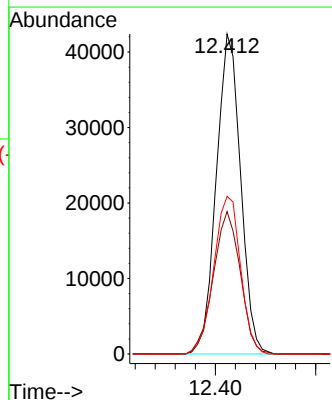
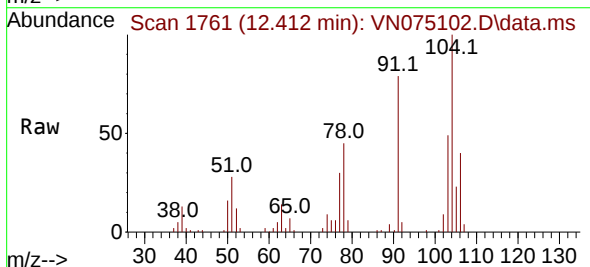
Manual Integrations
APPROVED

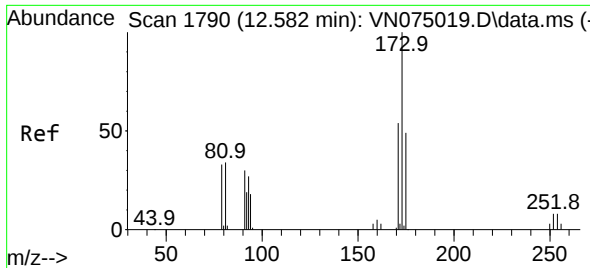
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#70
Styrene
Concen: 19.513 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

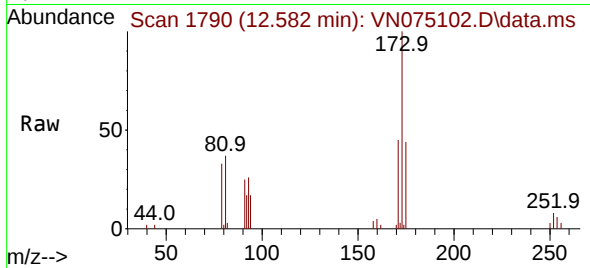
Tgt Ion:104 Resp: 71204
Ion Ratio Lower Upper
104 100
78 49.4 38.1 57.1
103 54.2 44.6 66.8





#71
Bromoform
Concen: 19.203 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

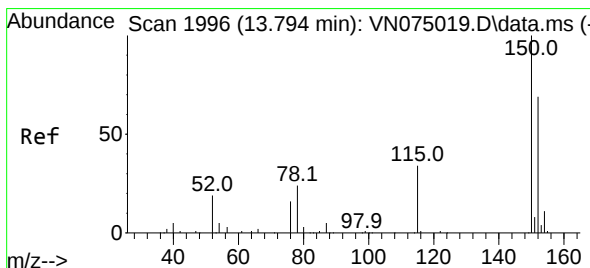
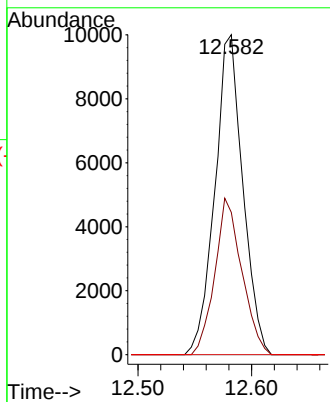
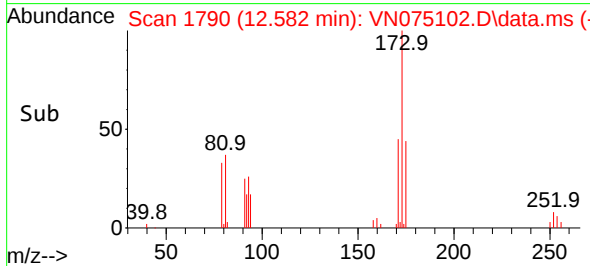
Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01



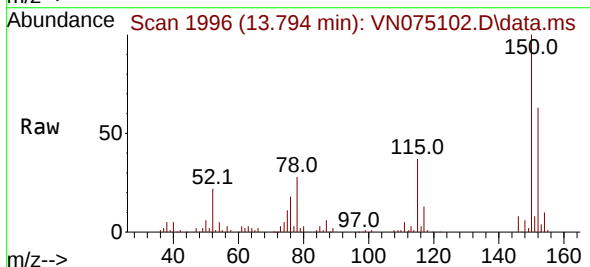
Tgt Ion:173 Resp: 17090
Ion Ratio Lower Upper
173 100
175 47.3 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

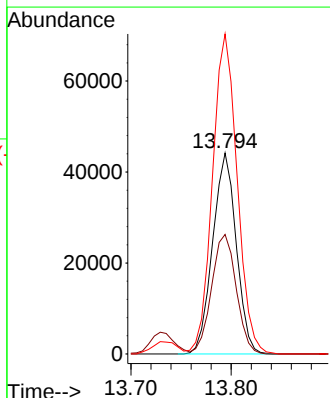
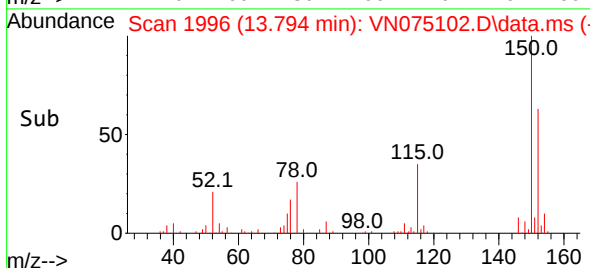
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

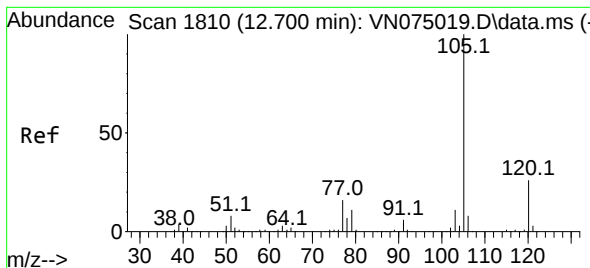


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33



Tgt Ion:152 Resp: 72181
Ion Ratio Lower Upper
152 100
115 62.2 30.2 90.6
150 166.9 0.0 348.4





#73

Isopropylbenzene

Concen: 19.451 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VN075102.D

Acq: 01 Nov 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN1101WBSD01

Tgt Ion:105 Resp: 112710

Ion Ratio Lower Upper

105 100

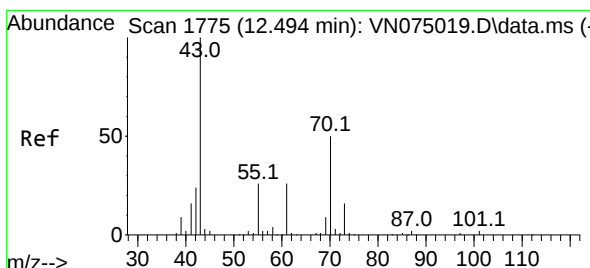
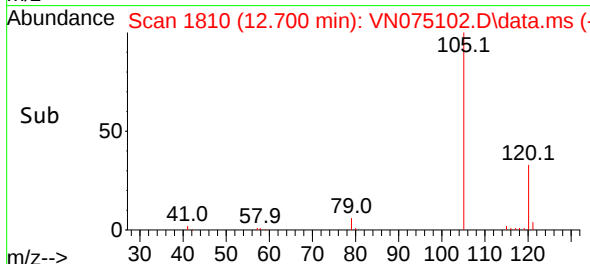
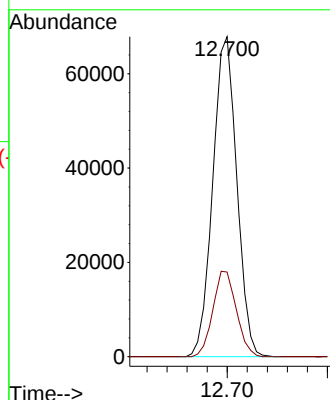
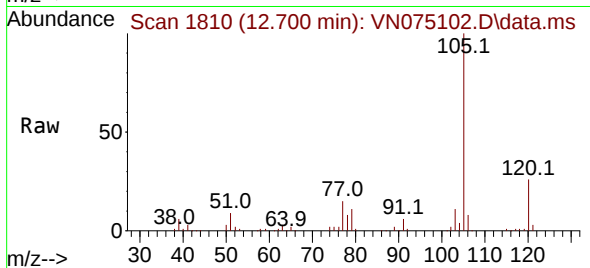
120 26.1 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#74

N-ethyl acetate

Concen: 20.705 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN075102.D

Acq: 01 Nov 2022 12:33

Tgt Ion: 43 Resp: 44376

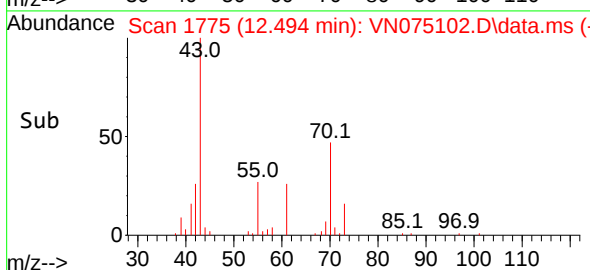
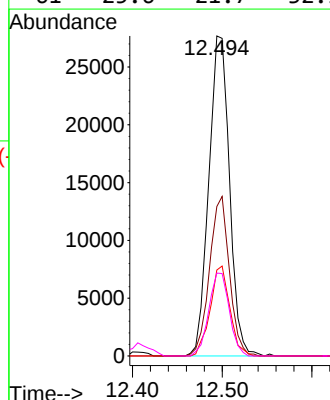
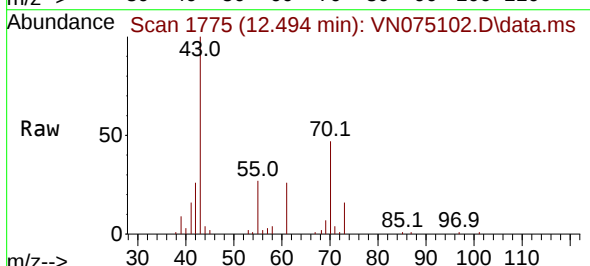
Ion Ratio Lower Upper

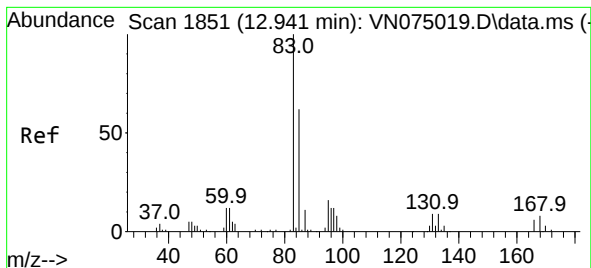
43 100

70 47.9 39.8 59.8

55 26.7 19.9 29.9

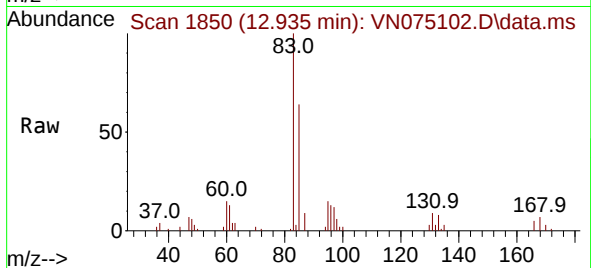
61 25.6 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 21.887 ug/l
RT: 12.935 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

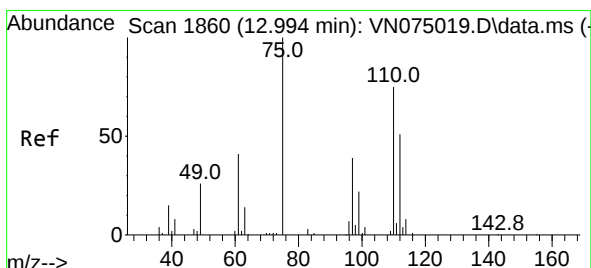
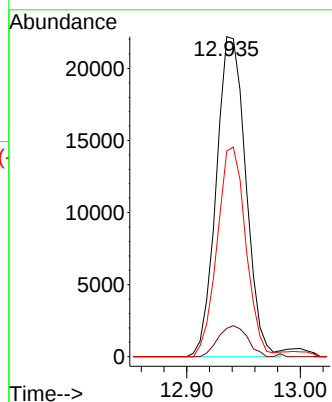
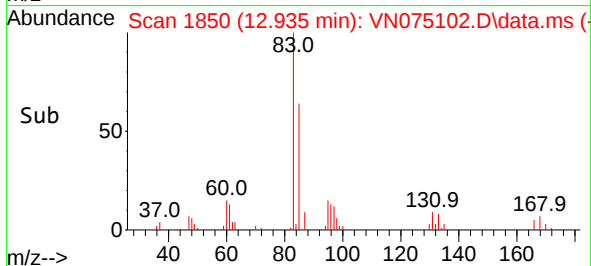
Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01



Tgt Ion: 83 Resp: 4018
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.3
85 63.5 31.6 94.7

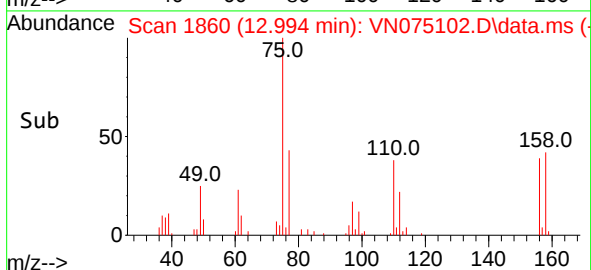
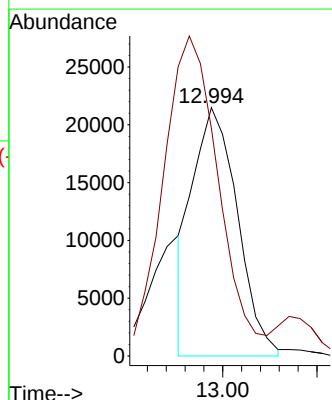
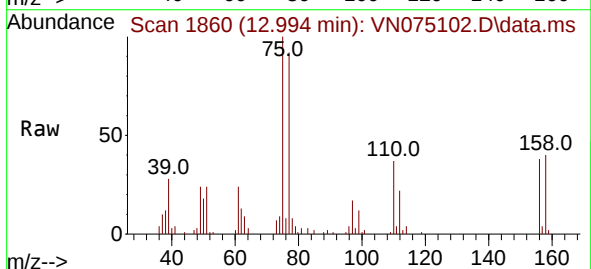
Manual Integrations
APPROVED

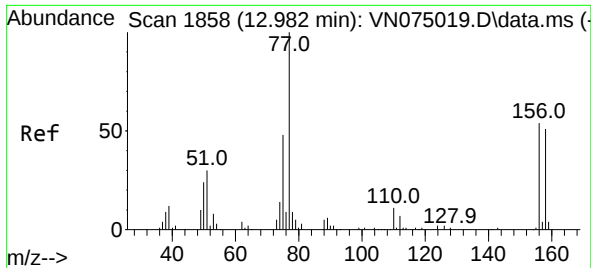
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#76
1,2,3-Trichloropropane
Concen: 23.248 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

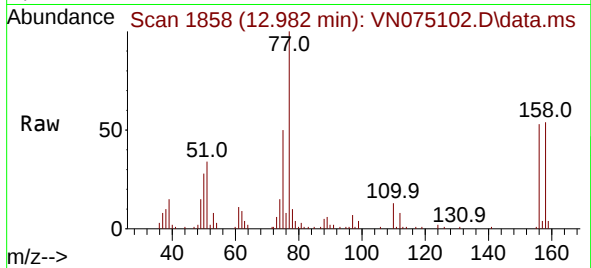
Tgt Ion: 75 Resp: 35629
Ion Ratio Lower Upper
75 100
77 159.4 75.6 226.8





#77
Bromobenzene
Concen: 19.856 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

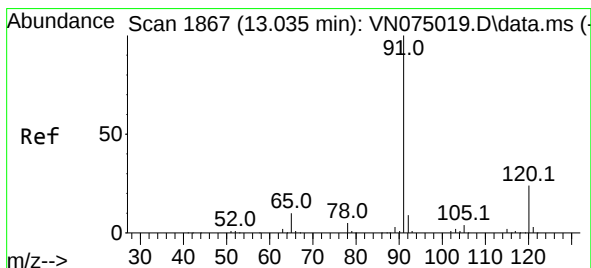
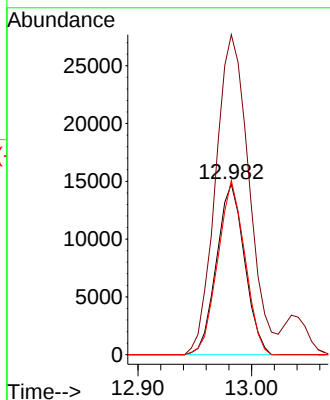
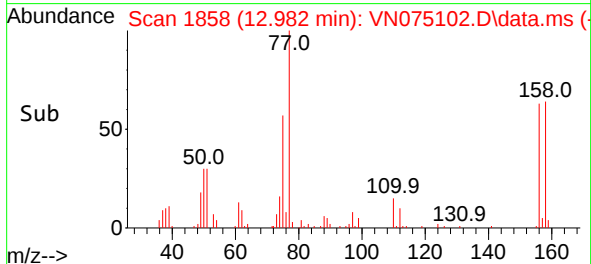
Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01



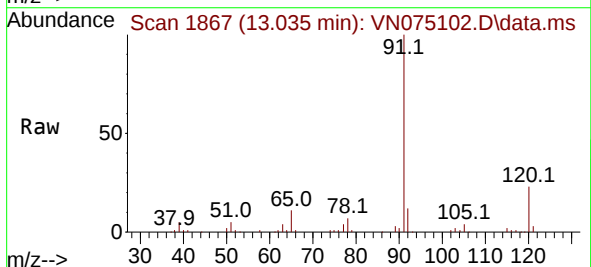
Tgt Ion:156 Resp: 25338
Ion Ratio Lower Upper
156 100
77 224.1 108.5 325.5
158 98.8 47.7 143.1

Manual Integrations
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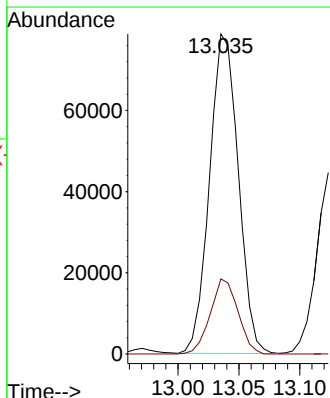
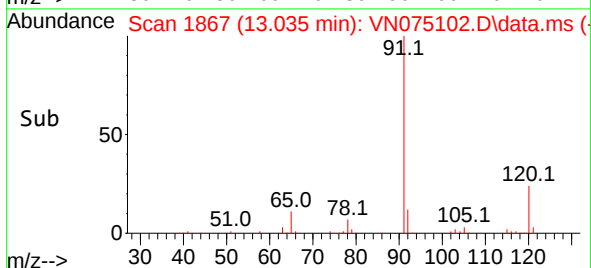
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

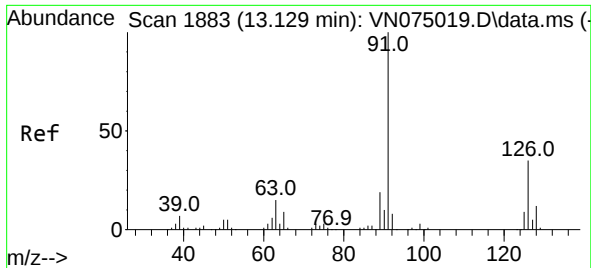


#78
n-propylbenzene
Concen: 19.894 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33



Tgt Ion: 91 Resp: 129431
Ion Ratio Lower Upper
91 100
120 22.5 11.9 35.5





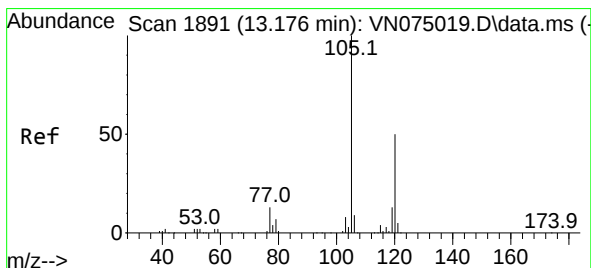
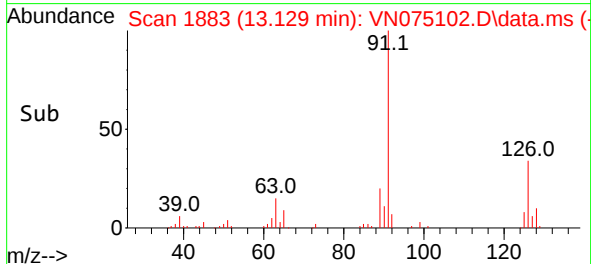
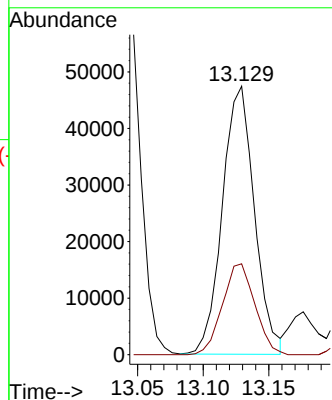
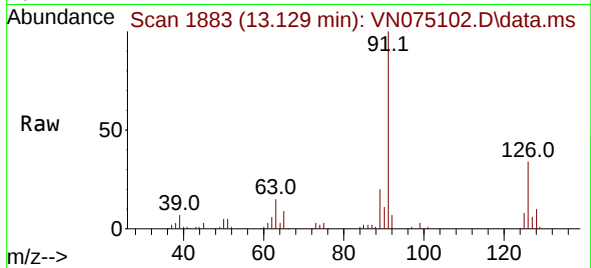
#79
2-Chlorotoluene
Concen: 20.292 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01

Tgt Ion: 91 Resp: 80674
Ion Ratio Lower Upper
91 100
126 34.3 16.9 50.7

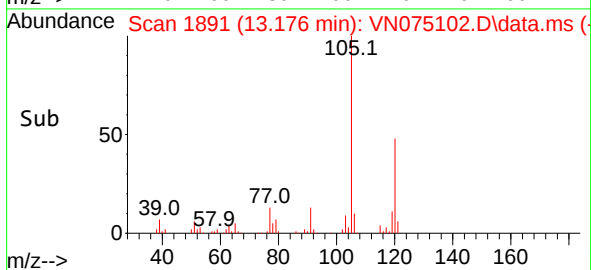
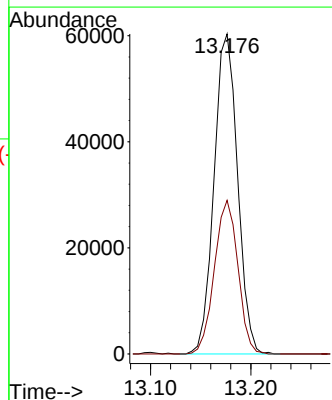
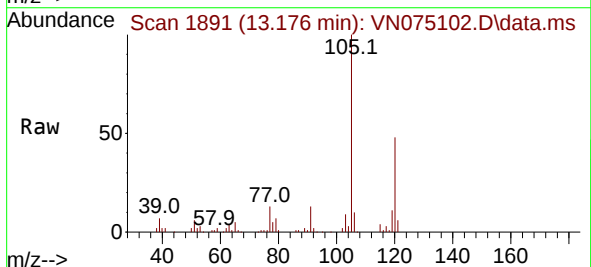
Manual Integrations
APPROVED

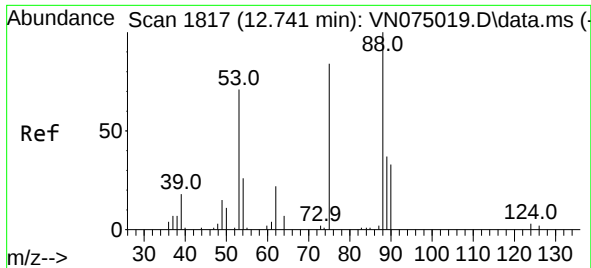
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.188 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

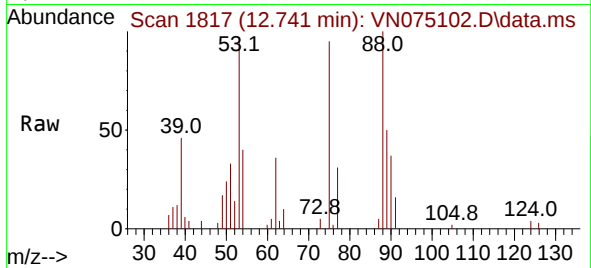
Tgt Ion:105 Resp: 98257
Ion Ratio Lower Upper
105 100
120 48.0 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 18.123 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

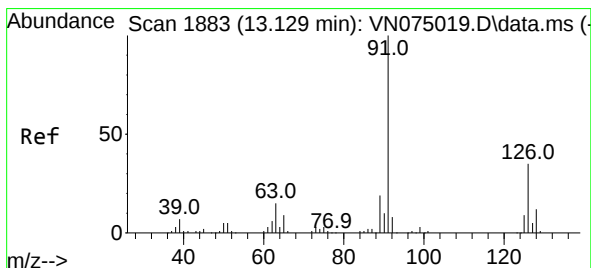
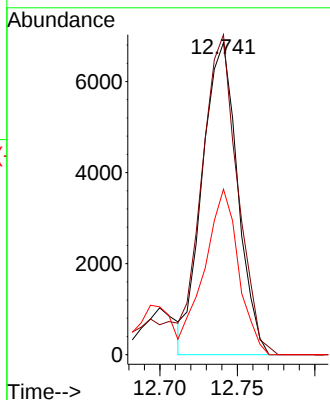
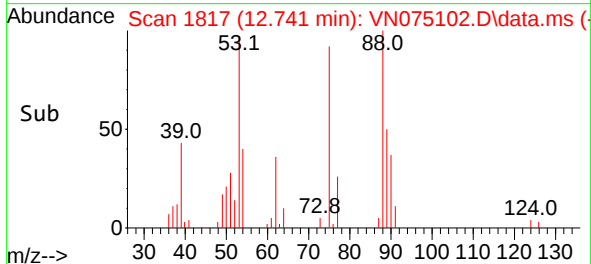
Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01



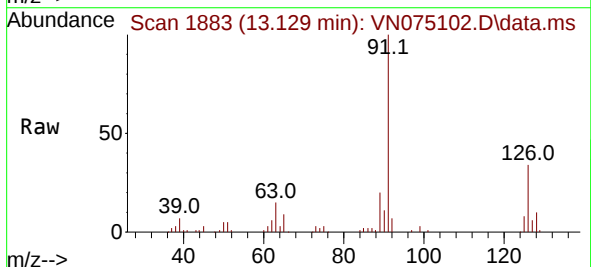
Tgt Ion: 75 Resp: 10820
Ion Ratio Lower Upper
75 100
53 103.6 78.5 117.7
89 51.6 37.7 56.5

Manual Integrations
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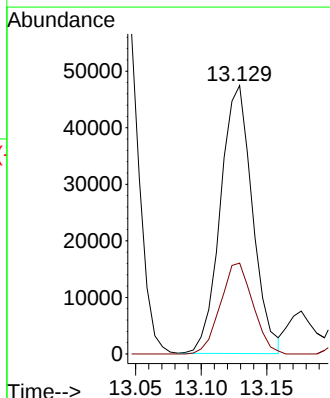
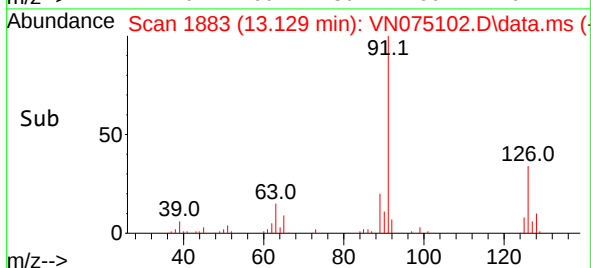
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

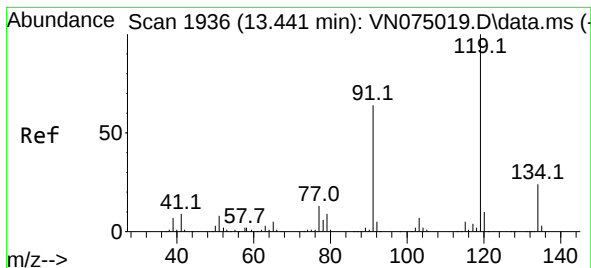


#82
4-Chlorotoluene
Concen: 20.292 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33



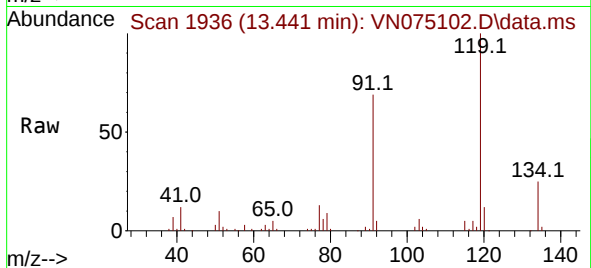
Tgt Ion: 91 Resp: 80674
Ion Ratio Lower Upper
91 100
126 34.3 16.9 50.7





#83
tert-Butylbenzene
Concen: 19.697 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

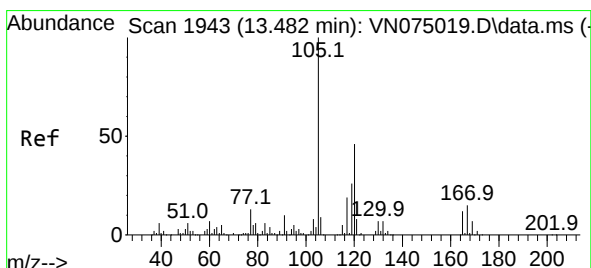
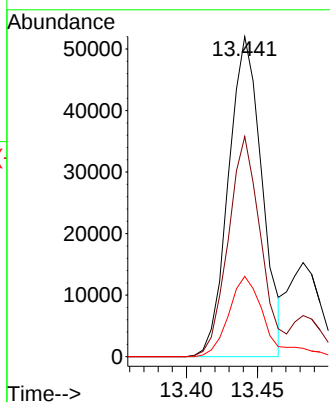
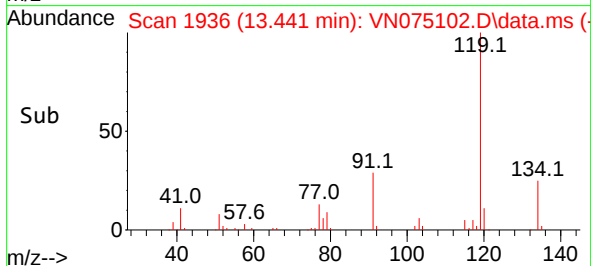
Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01



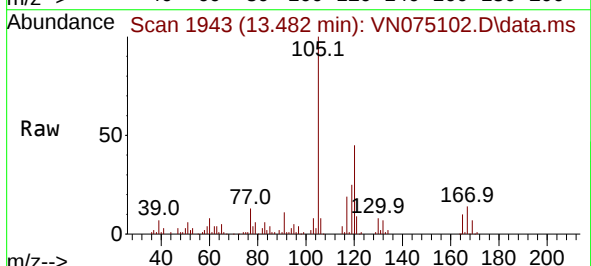
Tgt Ion:119 Resp: 8518
Ion Ratio Lower Upper
119 100
91 67.5 32.8 98.4
134 27.1 12.3 36.9

Manual Integrations
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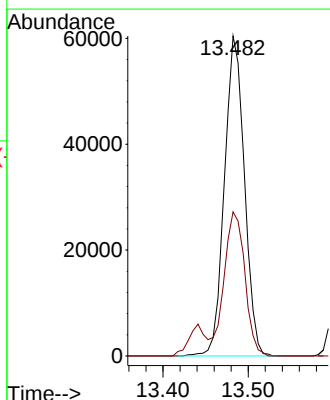
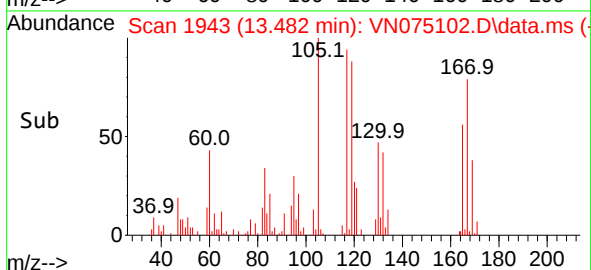
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

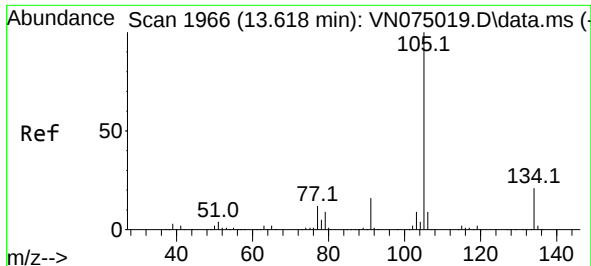


#84
1,2,4-Trimethylbenzene
Concen: 19.975 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33



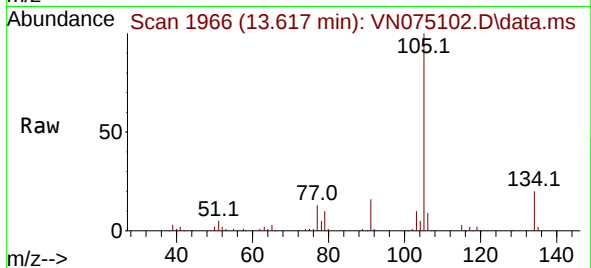
Tgt Ion:105 Resp: 98368
Ion Ratio Lower Upper
105 100
120 47.0 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 19.667 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075102.D
 Acq: 01 Nov 2022 12:33

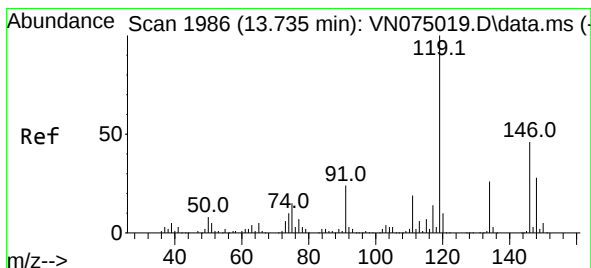
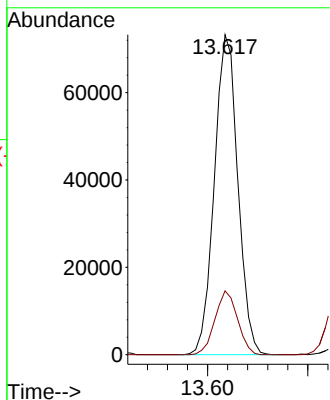
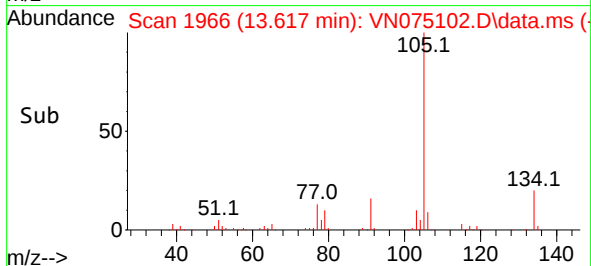
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBSD01



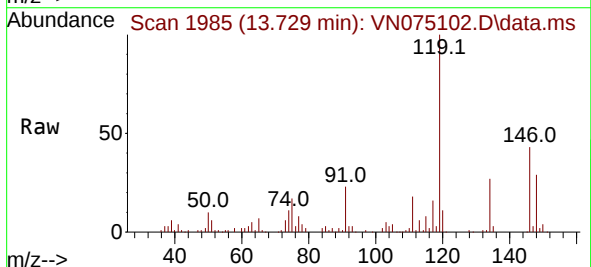
Tgt Ion:105 Resp: 11898
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.2 30.6

Manual Integrations
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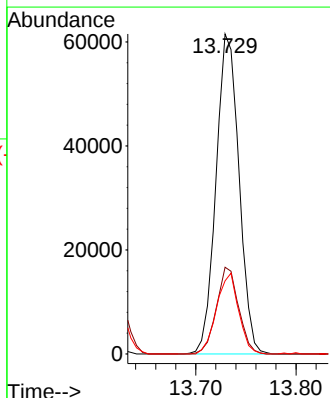
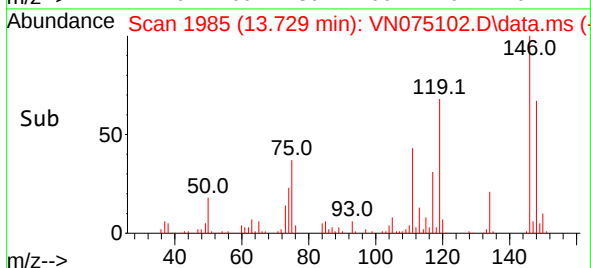
Reviewed By :John Carlone 11/02/2022
 Supervised By :Mahesh Dadoda 11/02/2022

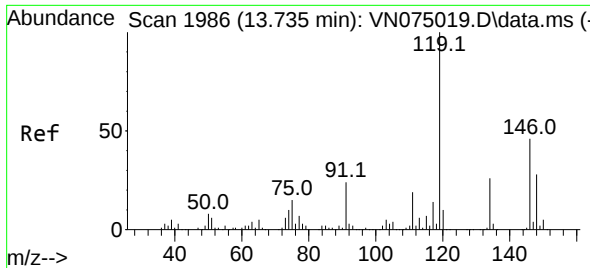


#86
 p-Isopropyltoluene
 Concen: 19.589 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075102.D
 Acq: 01 Nov 2022 12:33



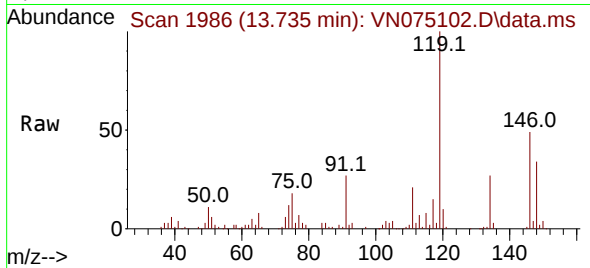
Tgt Ion:119 Resp: 97878
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.3
 91 24.2 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 19.541 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

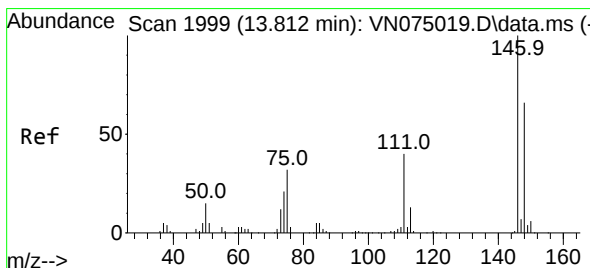
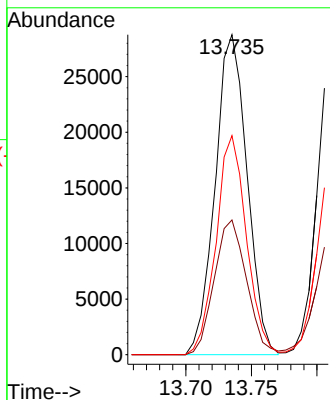
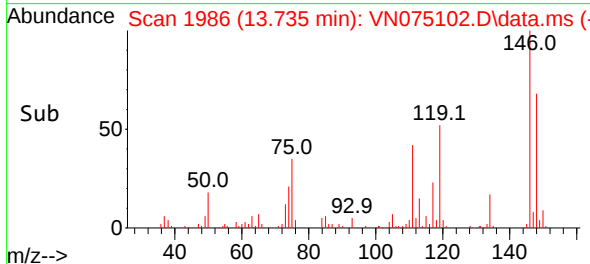
Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01



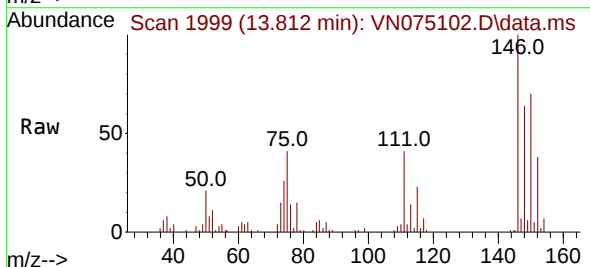
Tgt Ion:146 Resp: 48819
Ion Ratio Lower Upper
146 100
111 42.5 20.8 62.5
148 65.0 31.1 93.5

Manual Integrations
APPROVED

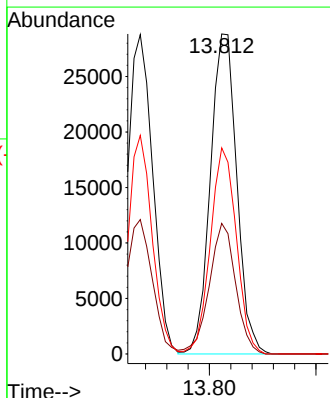
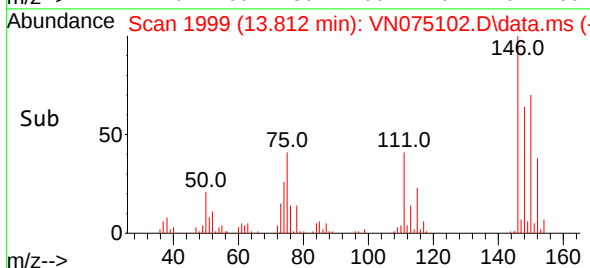
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

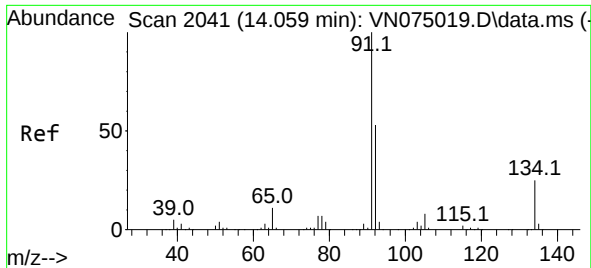


#88
1,4-Dichlorobenzene
Concen: 20.084 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33



Tgt Ion:146 Resp: 49656
Ion Ratio Lower Upper
146 100
111 40.8 20.1 60.3
148 63.5 31.9 95.7





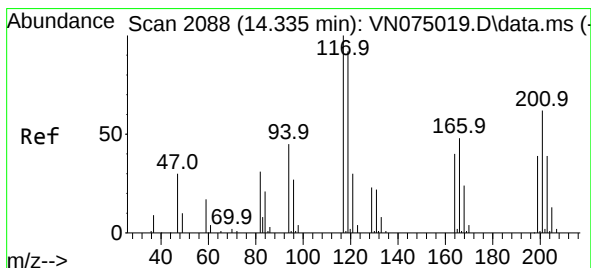
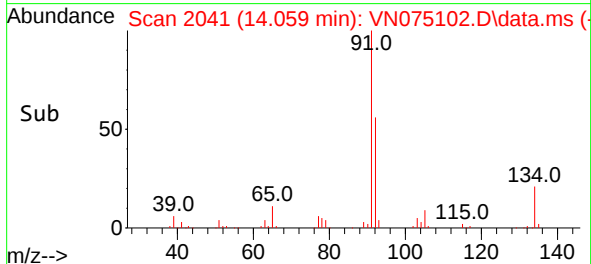
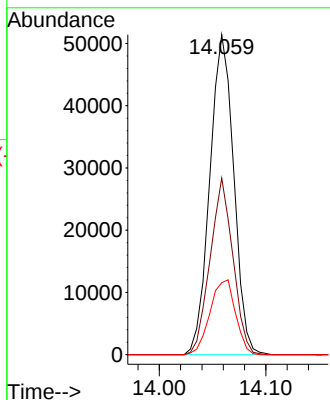
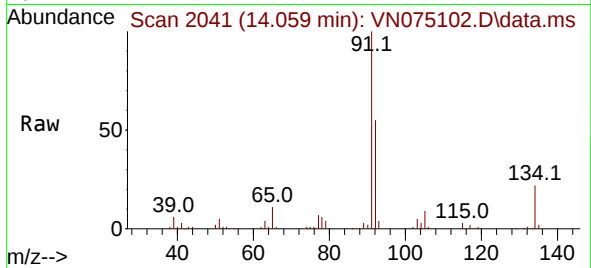
#89
n-Butylbenzene
Concen: 19.906 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01

Tgt Ion: 91 Resp: 8009
Ion Ratio Lower Upper
91 100
92 52.7 26.5 79.4
134 24.9 13.0 39.0

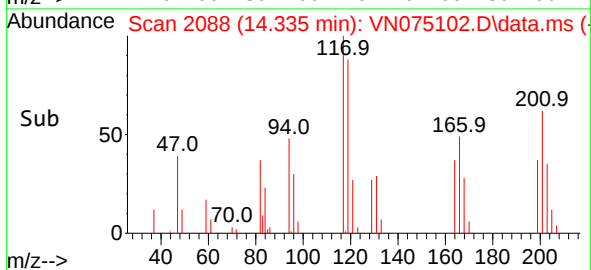
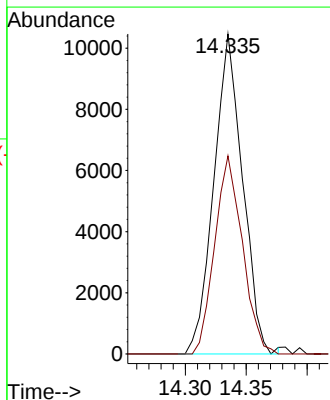
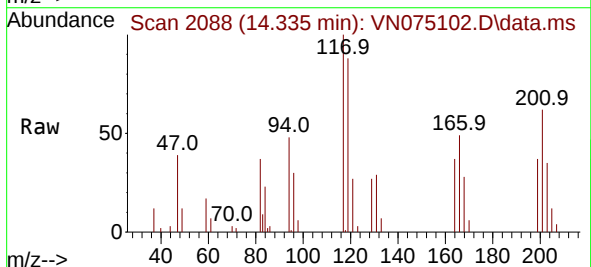
Manual Integrations
APPROVED

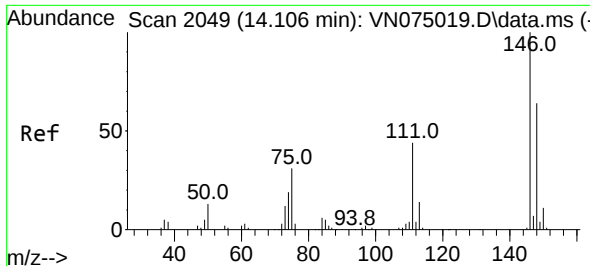
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#90
Hexachloroethane
Concen: 18.777 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

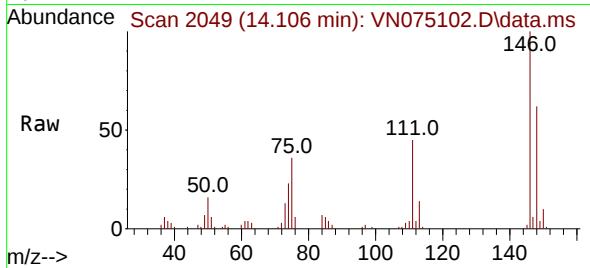
Tgt Ion:117 Resp: 17202
Ion Ratio Lower Upper
117 100
201 59.7 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 20.160 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

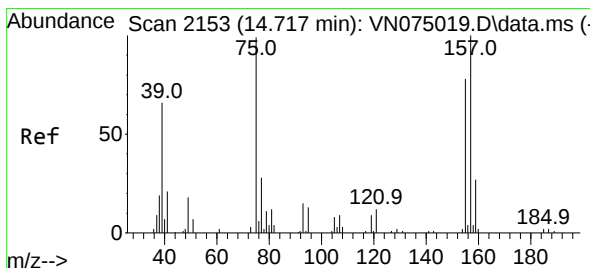
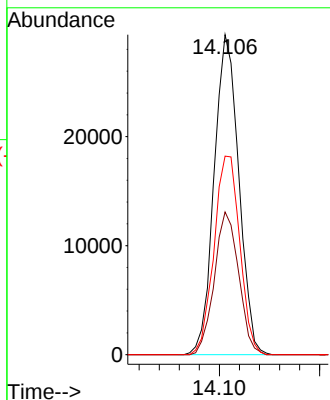
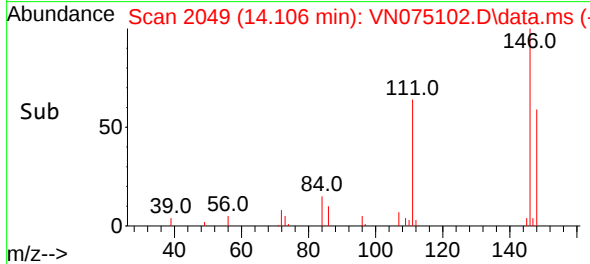
Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01



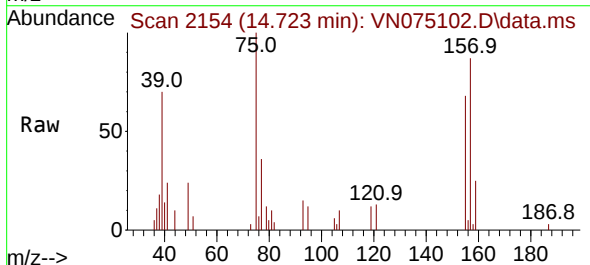
Tgt Ion:146 Resp: 50069
Ion Ratio Lower Upper
146 100
111 44.1 21.3 63.9
148 64.8 31.4 94.2

Manual Integrations
APPROVED

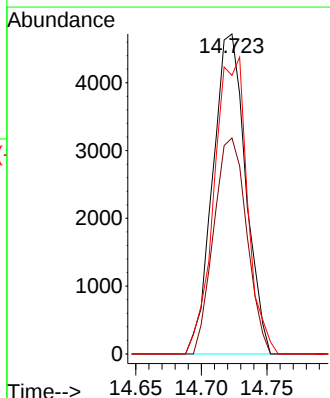
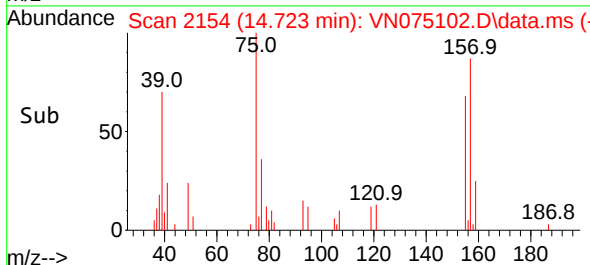
Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

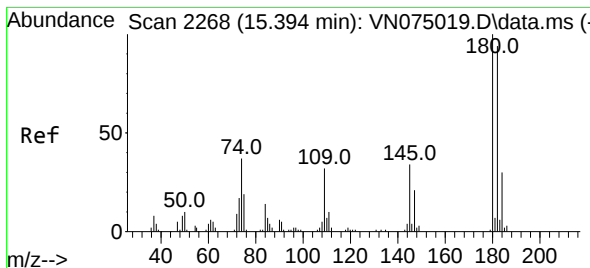


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.048 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33



Tgt Ion: 75 Resp: 8227
Ion Ratio Lower Upper
75 100
155 67.6 42.1 126.3
157 93.6 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 19.105 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075102.D

Acq: 01 Nov 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN1101WBSD01

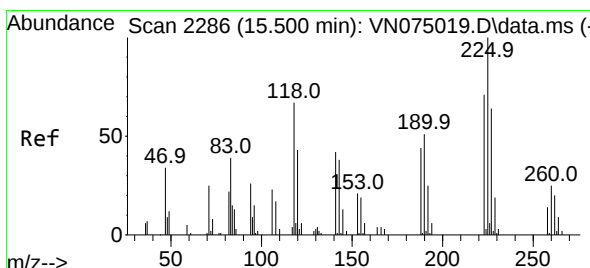
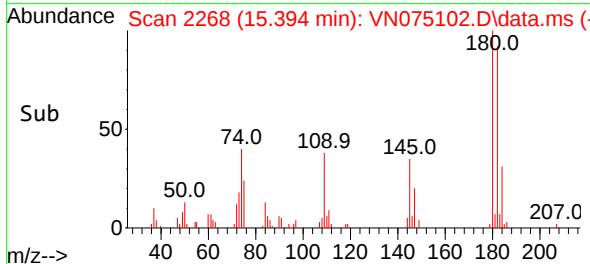
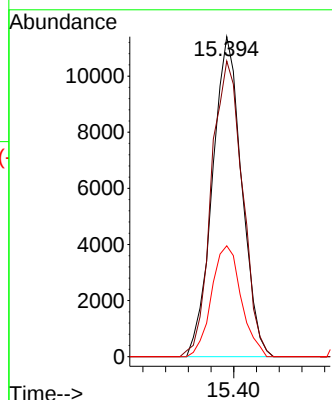
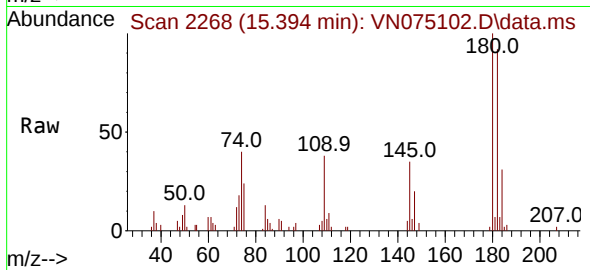
Tgt Ion:	180	Resp:	20418
Ion Ratio	Lower	Upper	
180	100		
182	97.7	47.8	143.4
145	35.0	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#94

Hexachlorobutadiene

Concen: 19.220 ug/l

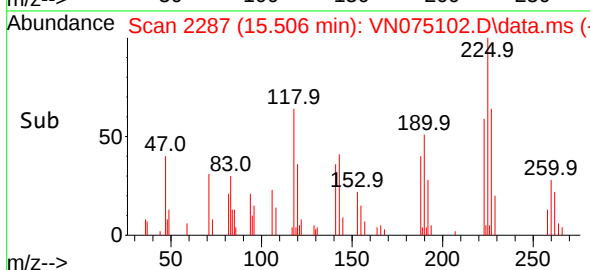
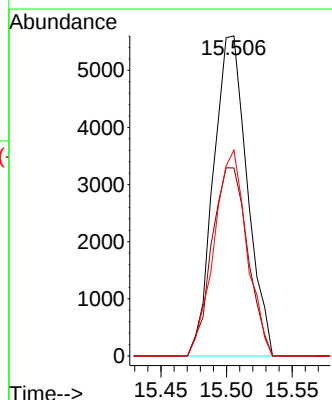
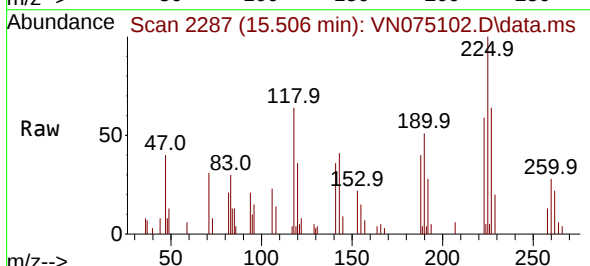
RT: 15.506 min Scan# 2287

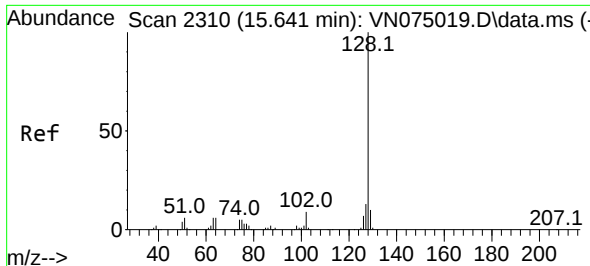
Delta R.T. 0.006 min

Lab File: VN075102.D

Acq: 01 Nov 2022 12:33

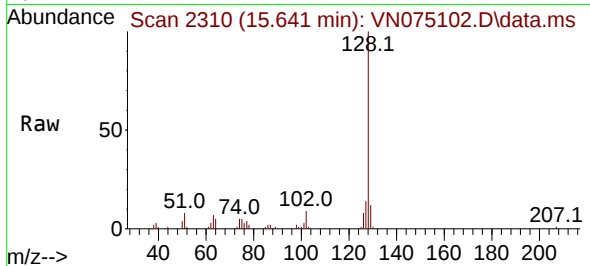
Tgt Ion:	225	Resp:	10014
Ion Ratio	Lower	Upper	
225	100		
223	62.6	32.3	96.9
227	62.4	32.0	96.2





#95
Naphthalene
Concen: 19.294 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33

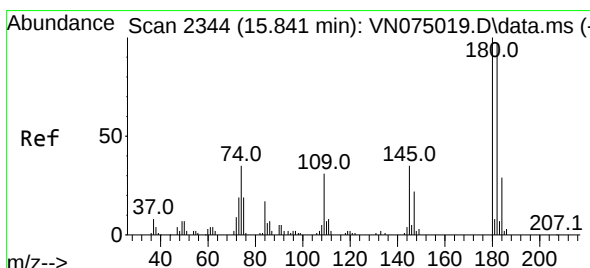
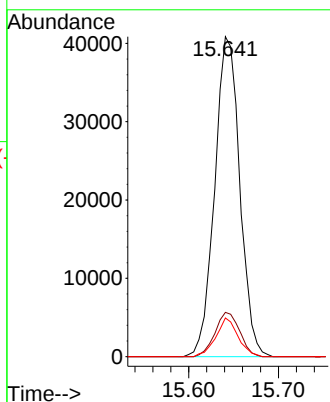
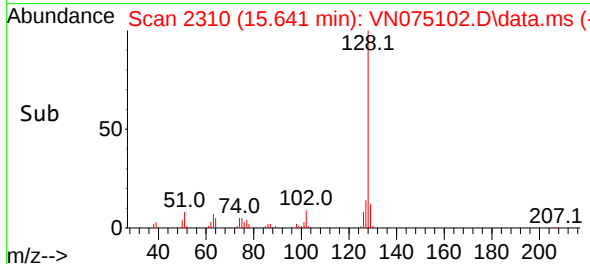
Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01



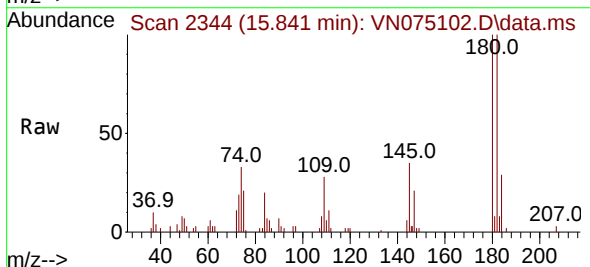
Tgt Ion:128 Resp: 79298
Ion Ratio Lower Upper
128 100
127 13.6 10.4 15.6
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.459 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075102.D
Acq: 01 Nov 2022 12:33



Tgt Ion:180 Resp: 21726
Ion Ratio Lower Upper
180 100
182 91.4 47.3 141.8
145 36.1 17.6 52.9

