

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122722\
 Data File : VN075980.D
 Acq On : 27 Dec 2022 11:59
 Operator : JC\MD
 Sample : VN1227WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1227WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/28/2022
 Supervised By : Mahesh Dadoda 12/28/2022

Quant Time: Dec 28 04:43:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	270571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	429482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	387816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	190842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	156829	53.279	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.560%			
35) Dibromofluoromethane	8.171	113	143840	54.081	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.160%			
50) Toluene-d8	10.571	98	529180	53.214	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.420%			
62) 4-Bromofluorobenzene	12.853	95	183198	55.621	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	33321	17.344	ug/l	96
3) Chloromethane	2.371	50	39766	16.646	ug/l	97
4) Vinyl Chloride	2.530	62	49652	17.424	ug/l	94
5) Bromomethane	2.959	94	41202	17.013	ug/l	95
6) Chloroethane	3.124	64	37631	17.833	ug/l	95
7) Trichlorofluoromethane	3.512	101	79820	18.460	ug/l	99
8) Diethyl Ether	3.971	74	30203	19.124	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.389	101	49162	19.911	ug/l	98
10) Methyl Iodide	4.600	142	71871	17.936	ug/l	100
11) Tert butyl alcohol	5.542	59	41679	100.067	ug/l	100
12) 1,1-Dichloroethene	4.353	96	43195	18.013	ug/l	96
13) Acrolein	4.195	56	60990	119.441	ug/l	97
14) Allyl chloride	5.042	41	51192	18.261	ug/l	91
15) Acrylonitrile	5.730	53	113733	100.061	ug/l	98
16) Acetone	4.442	43	104711	103.194	ug/l	96
17) Carbon Disulfide	4.730	76	91157	15.700	ug/l	99
18) Methyl Acetate	5.036	43	60351	20.121	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	164155	20.787	ug/l	96
20) Methylene Chloride	5.289	84	54201	19.578	ug/l	97
21) trans-1,2-Dichloroethene	5.794	96	47844	18.218	ug/l	95
22) Diisopropyl ether	6.677	45	139508	20.486	ug/l	97
23) Vinyl Acetate	6.612	43	468654	102.246	ug/l	100
24) 1,1-Dichloroethane	6.583	63	86410	19.026	ug/l	96
25) 2-Butanone	7.489	43	144654	101.814	ug/l	97
26) 2,2-Dichloropropane	7.500	77	76271	19.831	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	61696	19.643	ug/l	98
28) Bromochloromethane	7.818	49	37728	18.953	ug/l	95
29) Tetrahydrofuran	7.847	42	88694	99.616	ug/l	99
30) Chloroform	7.971	83	98066	19.178	ug/l	90
31) Cyclohexane	8.265	56	78099	18.526	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	89548	19.753	ug/l	96
36) 1,1-Dichloropropene	8.377	75	67326	19.055	ug/l	100
37) Ethyl Acetate	7.571	43	59681	21.029	ug/l	98
38) Carbon Tetrachloride	8.365	117	76979	19.467	ug/l	99
39) Methylcyclohexane	9.606	83	83929	19.690	ug/l	97
40) Benzene	8.612	78	214107	19.641	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	30081	20.392	ug/l	94
42) 1,2-Dichloroethane	8.677	62	73042	20.154	ug/l	100
43) Isopropyl Acetate	8.694	43	97259	20.775	ug/l	99
44) Trichloroethene	9.359	130	56526	18.406	ug/l	95
45) 1,2-Dichloropropane	9.624	63	52147	19.658	ug/l	99
46) Dibromomethane	9.712	93	38746	19.693	ug/l	99
47) Bromodichloromethane	9.888	83	79181	20.522	ug/l	99
48) Methyl methacrylate	9.682	41	44835	21.264	ug/l	98
49) 1,4-Dioxane	9.700	88	21211	409.192	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	300625	106.184	ug/l	99
52) Toluene	10.635	92	141270	19.898	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	76265	20.192	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	84544	20.387	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	59734	21.436	ug/l	96
56) Ethyl methacrylate	10.877	69	77656	20.980	ug/l	96
57) 1,3-Dichloropropane	11.165	76	94618	20.700	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	112128	95.148	ug/l	99
59) 2-Hexanone	11.200	43	214402	103.842	ug/l	98
60) Dibromochloromethane	11.359	129	64798	20.909	ug/l	98
61) 1,2-Dibromoethane	11.471	107	58294	20.672	ug/l	95
64) Tetrachloroethene	11.106	164	55407	20.303	ug/l	97
65) Chlorobenzene	11.894	112	154619	19.425	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	60631	20.565	ug/l	99
67) Ethyl Benzene	11.965	91	268854	20.013	ug/l	99
68) m/p-Xylenes	12.076	106	217897	40.979	ug/l	97
69) o-Xylene	12.400	106	108313	20.584	ug/l	98
70) Styrene	12.412	104	175915	21.026	ug/l	99
71) Bromoform	12.582	173	46472	21.662	ug/l #	98
73) Isopropylbenzene	12.700	105	279812	20.289	ug/l	99
74) N-amyl acetate	12.500	43	82411	20.369	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	83693	19.631	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	72830m	18.932	ug/l	
77) Bromobenzene	12.982	156	68811	19.716	ug/l	97
78) n-propylbenzene	13.041	91	309079	20.320	ug/l	100
79) 2-Chlorotoluene	13.129	91	188367	19.838	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	242128	20.977	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	22222	20.793	ug/l	99
82) 4-Chlorotoluene	13.129	91	188367	19.838	ug/l	100
83) tert-Butylbenzene	13.441	119	217733	21.395	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	241076	21.054	ug/l	99
85) sec-Butylbenzene	13.618	105	290369	20.672	ug/l	98
86) p-Isopropyltoluene	13.735	119	245174	20.977	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	130447	20.234	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	129912	19.725	ug/l	98
89) n-Butylbenzene	14.059	91	188593	19.918	ug/l	98
90) Hexachloroethane	14.335	117	43344	20.732	ug/l	96
91) 1,2-Dichlorobenzene	14.112	146	128669	20.262	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13846	18.303	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	62011	19.724	ug/l	99
94) Hexachlorobutadiene	15.506	225	33422	19.485	ug/l	99
95) Naphthalene	15.647	128	180460	18.796	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	60830	20.701	ug/l	98

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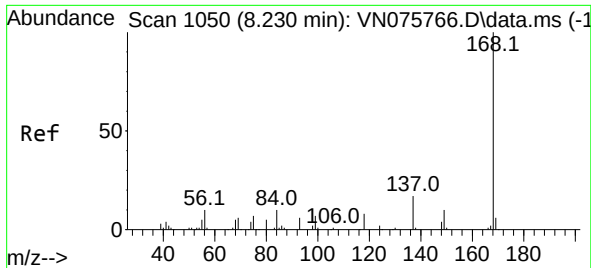
Manual Integrations
APPROVED

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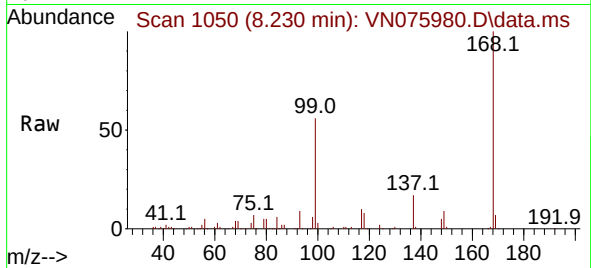
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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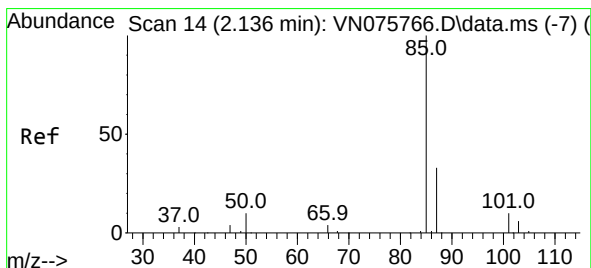
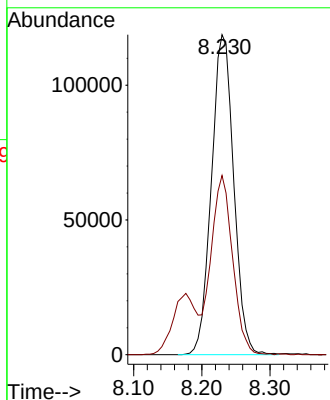
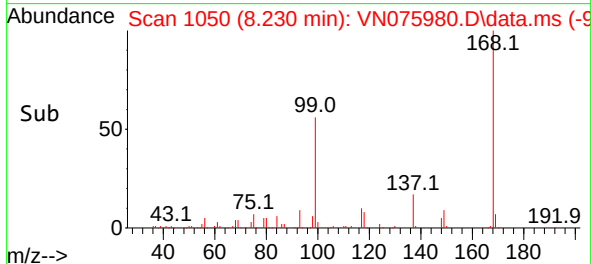
Instrument :
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Tgt Ion:168 Resp: 27057
Ion Ratio Lower Upper
168 100
99 55.7 44.2 66.4

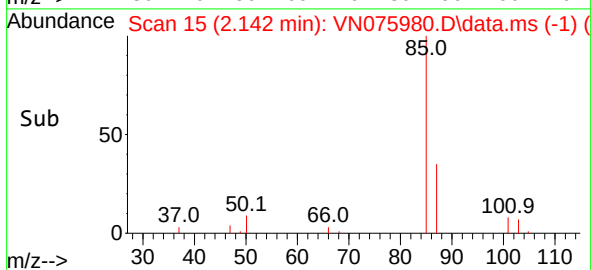
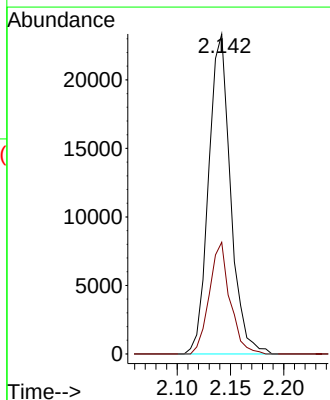
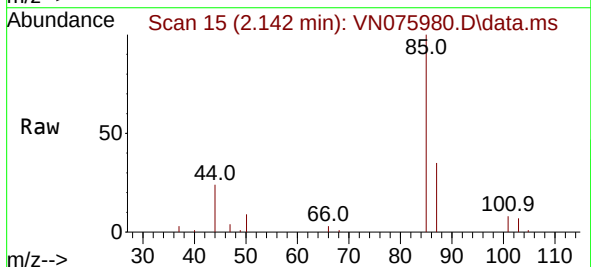
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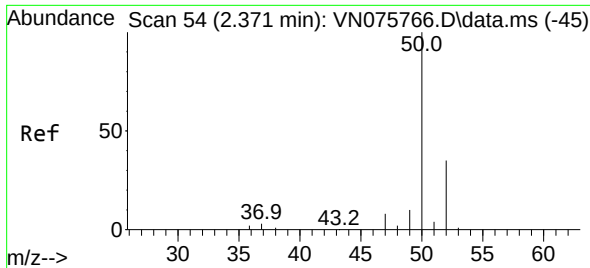
Reviewed By :John Carlone 12/28/2022
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#2
Dichlorodifluoromethane
Concen: 17.344 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Tgt Ion: 85 Resp: 33321
Ion Ratio Lower Upper
85 100
87 34.9 16.3 48.9





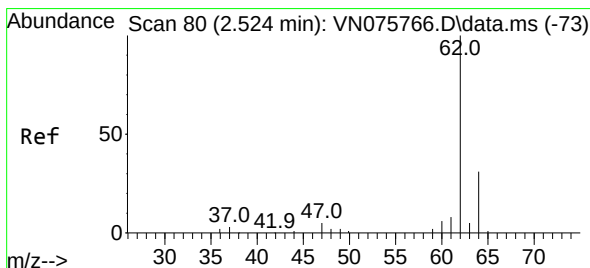
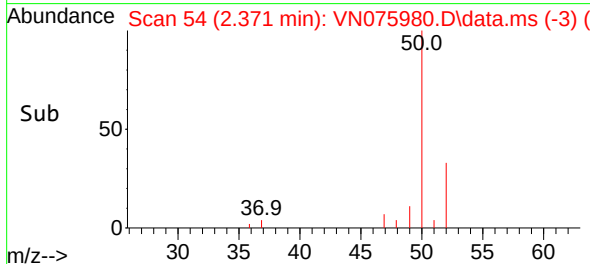
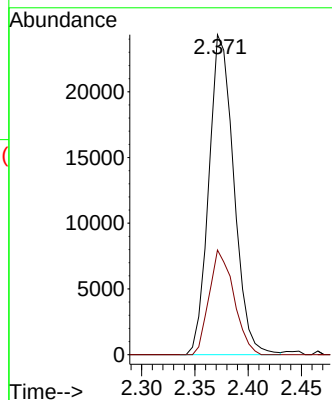
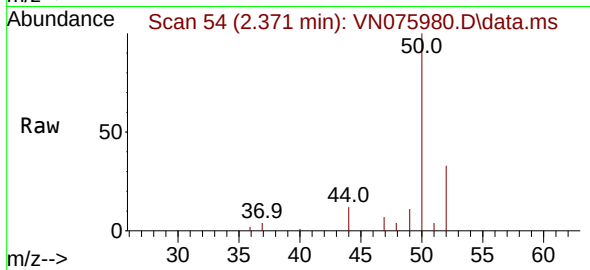
#3
Chloromethane
Concen: 16.646 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075980.D
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Tgt Ion: 50 Resp: 39760
Ion Ratio Lower Upper
50 100
52 32.7 27.7 41.5

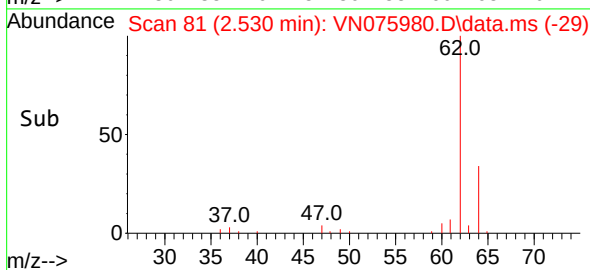
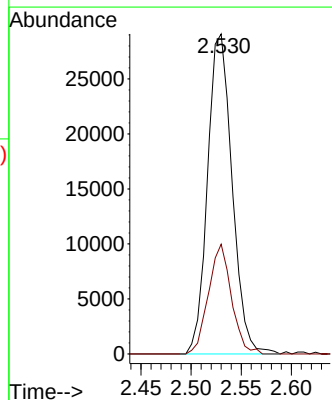
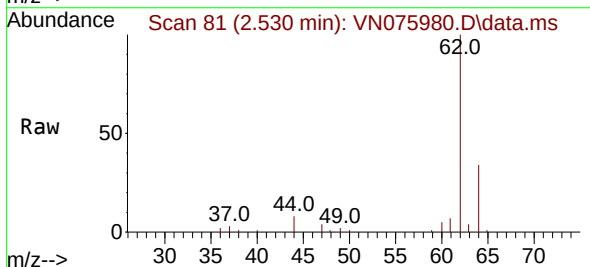
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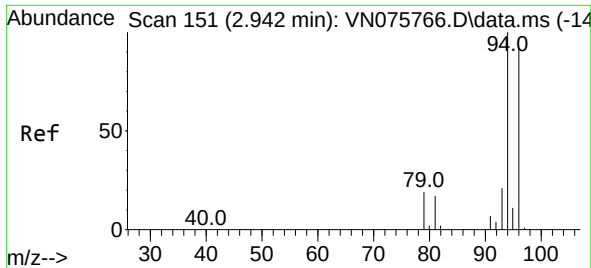
Reviewed By :John Carlone 12/28/2022
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#4
Vinyl Chloride
Concen: 17.424 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Tgt Ion: 62 Resp: 49652
Ion Ratio Lower Upper
62 100
64 34.3 24.9 37.3





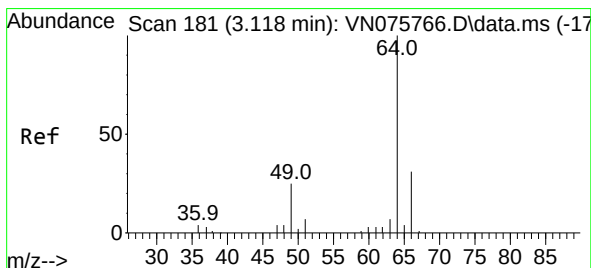
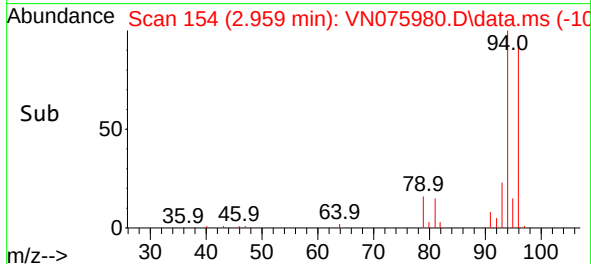
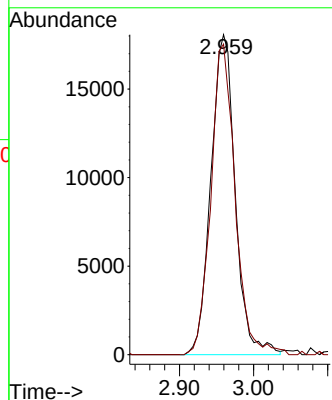
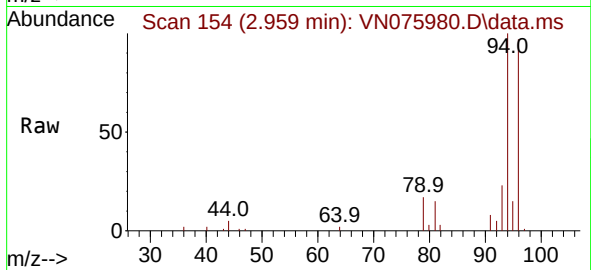
#5
Bromomethane
Concen: 17.013 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN075980.D
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Tgt Ion: 94 Resp: 4120
Ion Ratio Lower Upper
94 100
96 97.0 73.8 110.6

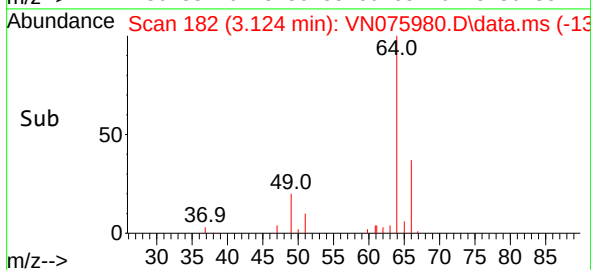
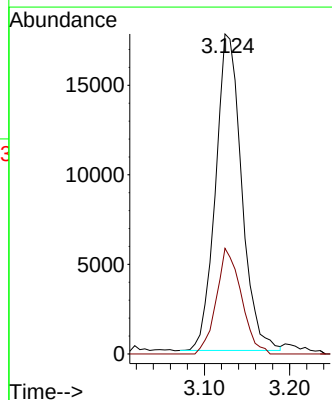
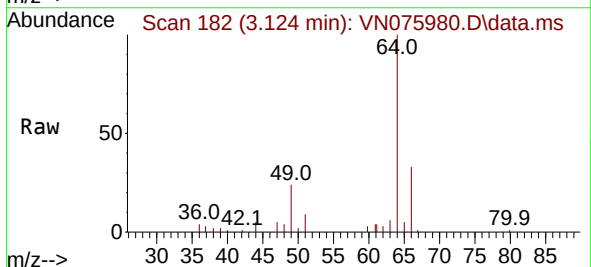
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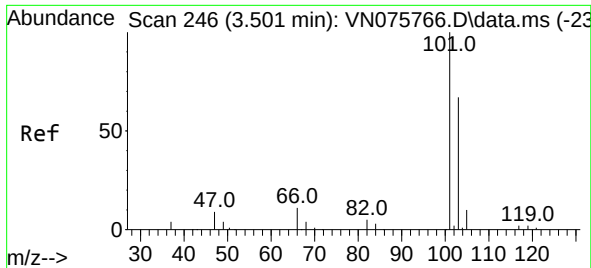
Reviewed By :John Carlone 12/28/2022
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#6
Chloroethane
Concen: 17.833 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN075980.D
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Tgt Ion: 64 Resp: 37631
Ion Ratio Lower Upper
64 100
66 33.4 24.6 36.8





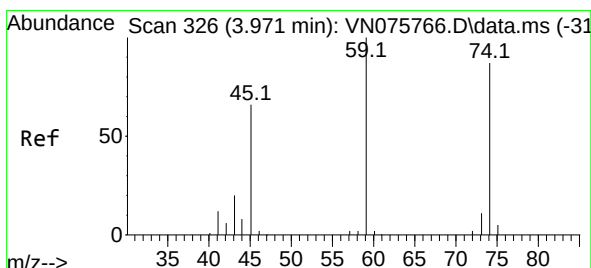
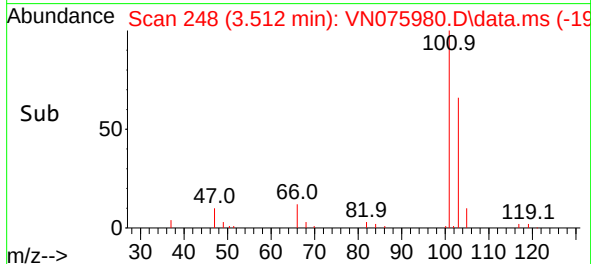
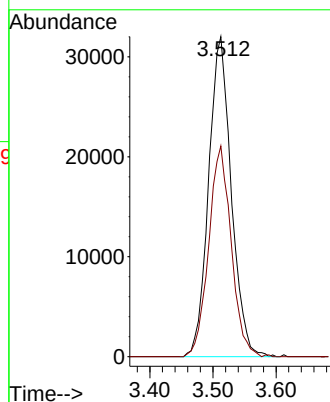
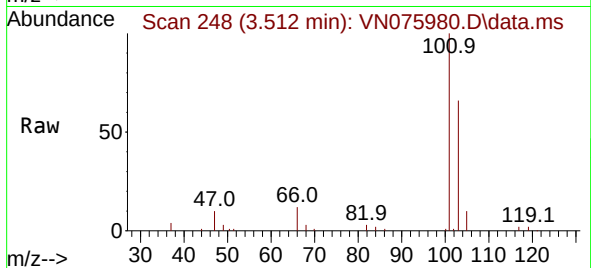
#7
 Trichlorofluoromethane
 Concen: 18.460 ug/l
 RT: 3.512 min Scan# 246
 Delta R.T. 0.012 min
 Lab File: VN075980.D
 Acq: 27 Dec 2022 11:59

Instrument :
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 ClientSampleId :
 VN1227WBSD01

Tgt Ion:101 Resp: 79820
 Ion Ratio Lower Upper
 101 100
 103 65.8 53.4 80.2

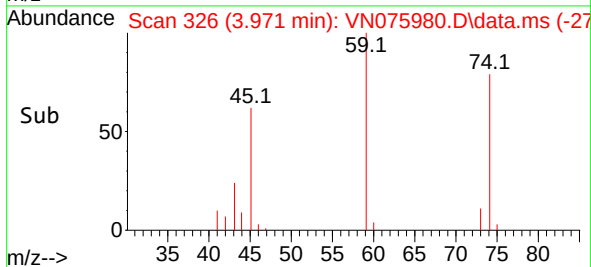
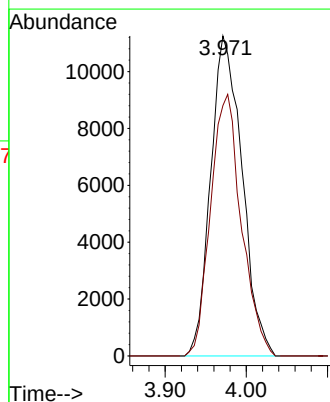
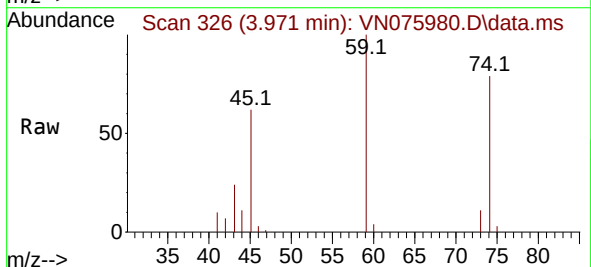
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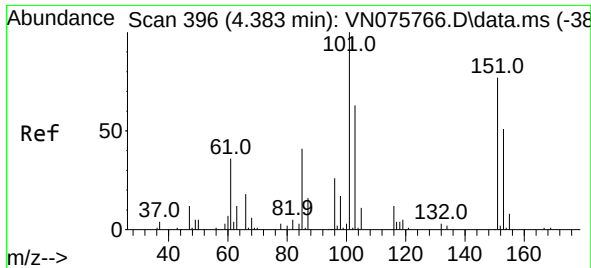
Reviewed By :John Carlone 12/28/2022
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#8
 Diethyl Ether
 Concen: 19.124 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.000 min
 Lab File: VN075980.D
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Tgt Ion: 74 Resp: 30203
 Ion Ratio Lower Upper
 74 100
 45 80.1 37.8 113.4





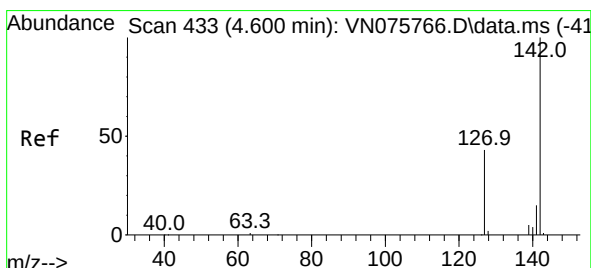
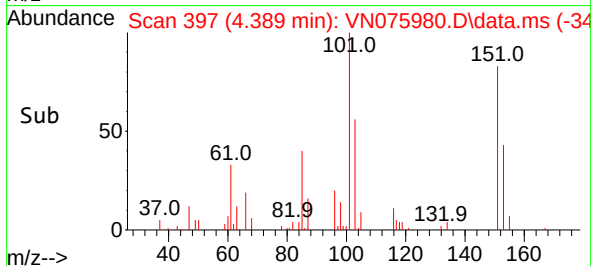
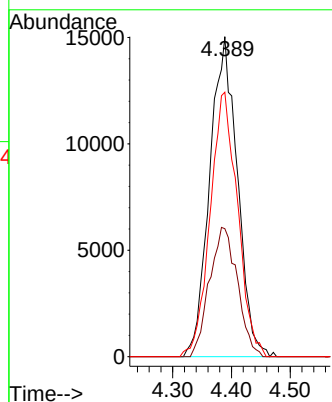
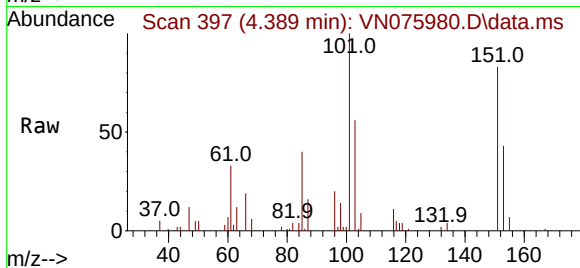
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.911 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN075980.D
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Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion:101 Resp: 4916
Ion Ratio Lower Upper
101 100
85 40.8 35.3 52.9
151 81.9 65.6 98.4

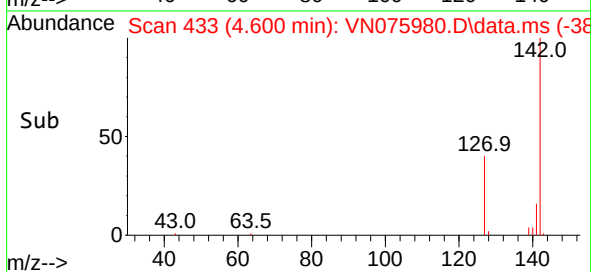
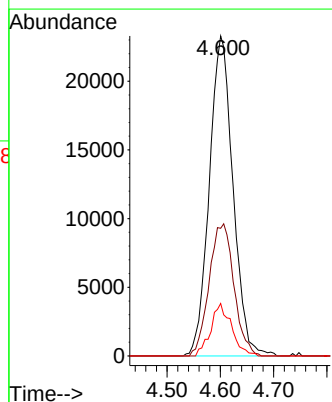
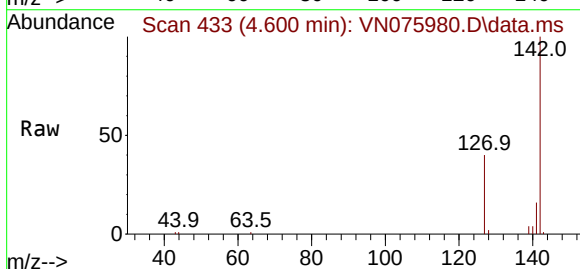
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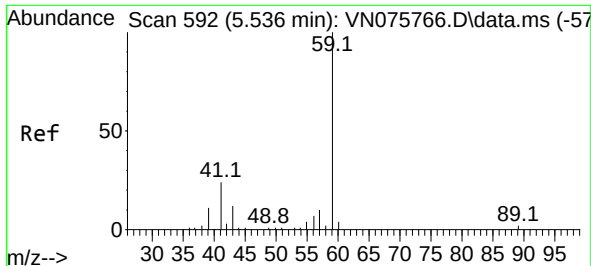
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#10
Methyl Iodide
Concen: 17.936 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Tgt Ion:142 Resp: 71871
Ion Ratio Lower Upper
142 100
127 43.2 34.7 52.1
141 14.4 11.4 17.2





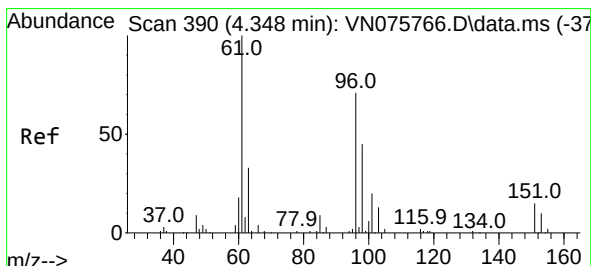
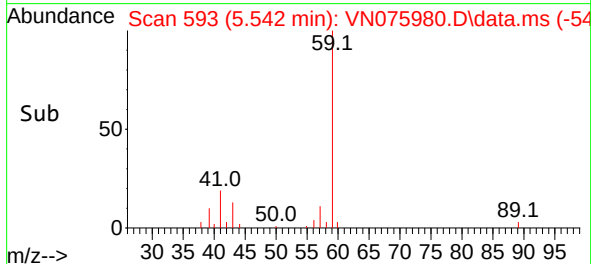
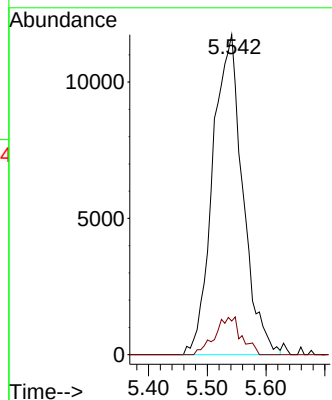
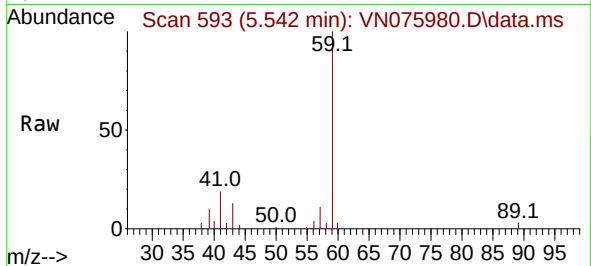
#11
Tert butyl alcohol
Concen: 100.067 ug/l
RT: 5.542 min Scan# 59
Delta R.T. 0.006 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion: 59 Resp: 41679
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

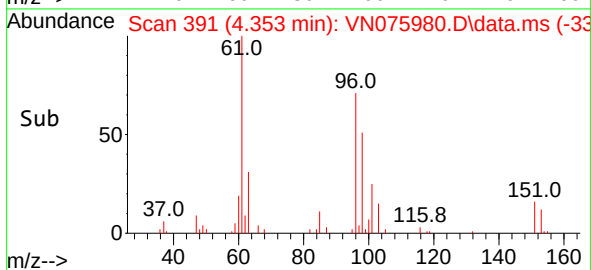
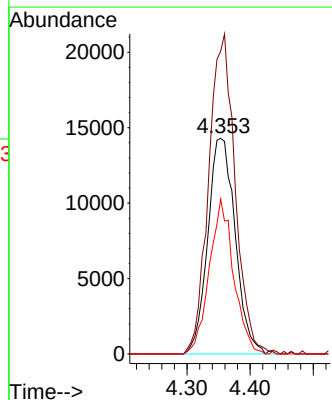
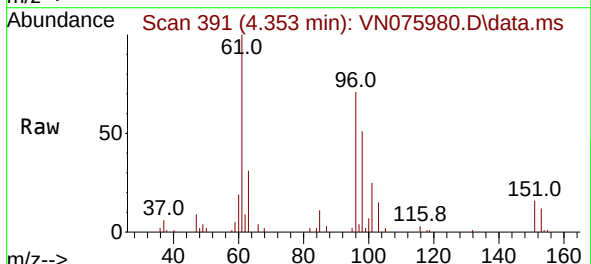
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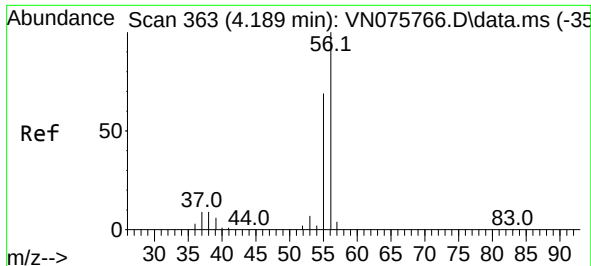
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#12
1,1-Dichloroethene
Concen: 18.013 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Tgt Ion: 96 Resp: 43195
Ion Ratio Lower Upper
96 100
61 140.4 113.3 169.9
98 71.8 50.9 76.3





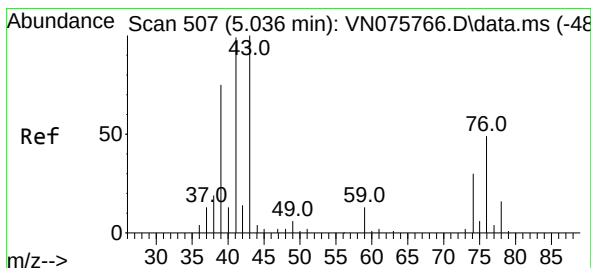
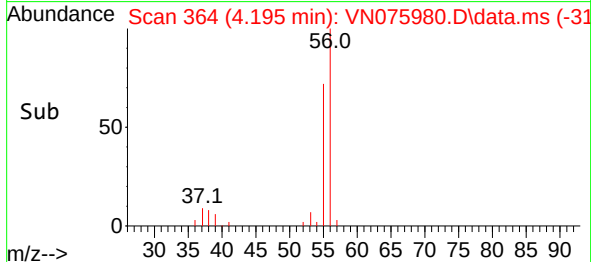
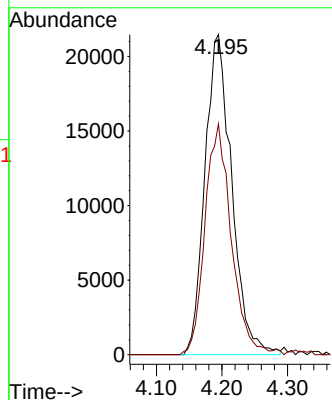
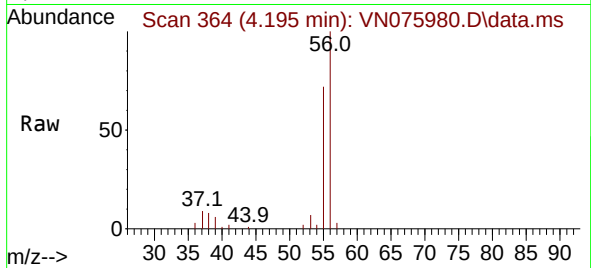
#13
Acrolein
Concen: 119.441 ug/l
RT: 4.195 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion: 56 Resp: 60990
Ion Ratio Lower Upper
56 100
55 70.8 54.8 82.2

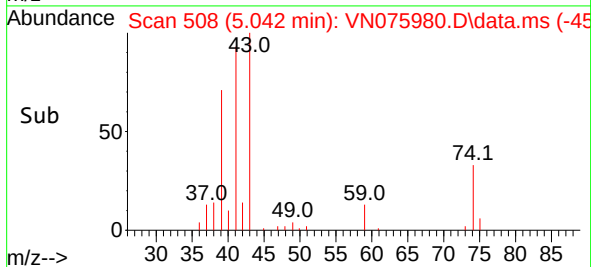
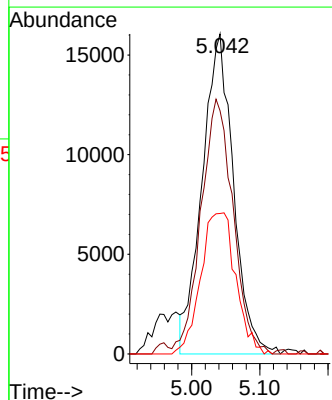
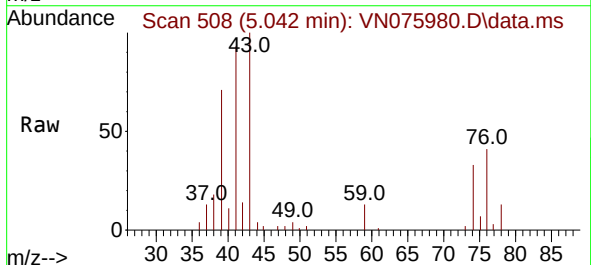
Manual Integrations
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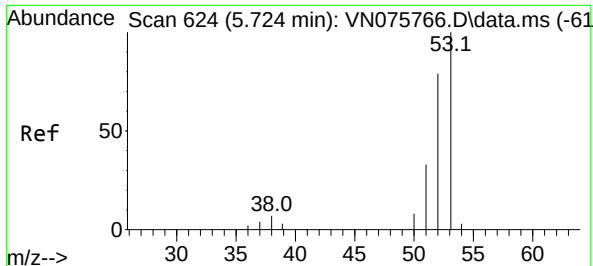
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#14
Allyl chloride
Concen: 18.261 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

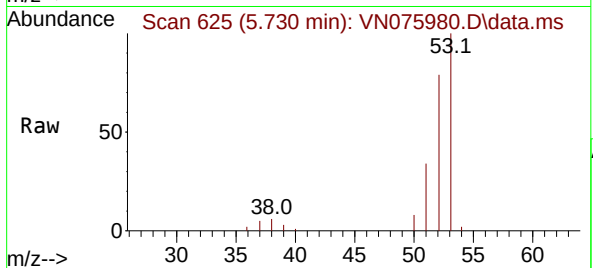
Tgt Ion: 41 Resp: 51192
Ion Ratio Lower Upper
41 100
39 81.7 58.3 87.5
76 49.3 35.8 53.6





#15
Acrylonitrile
Concen: 100.061 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

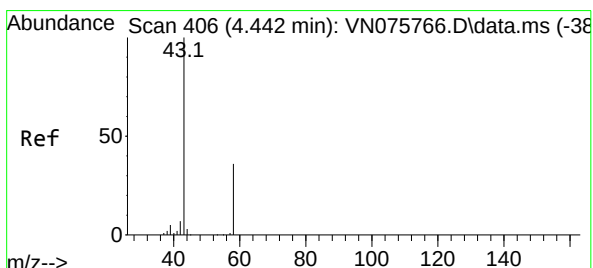
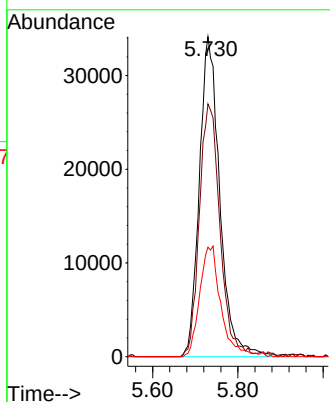
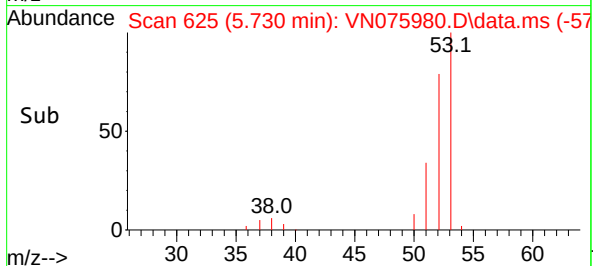
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01



Tgt Ion: 53 Resp: 11373
Ion Ratio Lower Upper
53 100
52 79.4 65.4 98.0
51 35.7 28.9 43.3

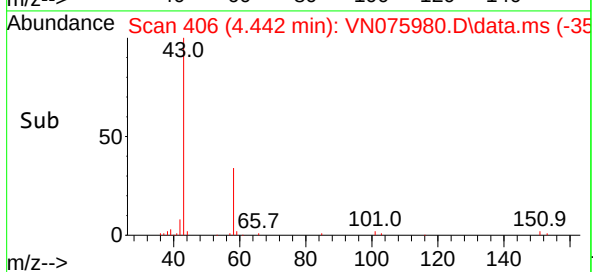
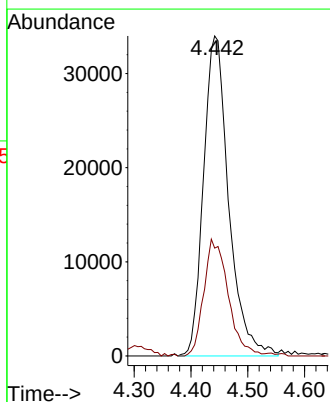
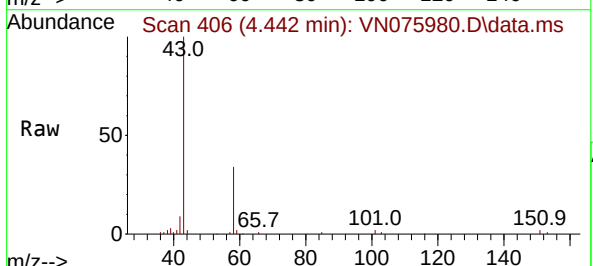
Manual Integrations
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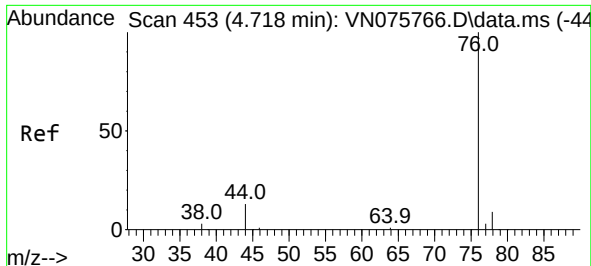
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#16
Acetone
Concen: 103.194 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Tgt Ion: 43 Resp: 104711
Ion Ratio Lower Upper
43 100
58 33.7 28.6 43.0





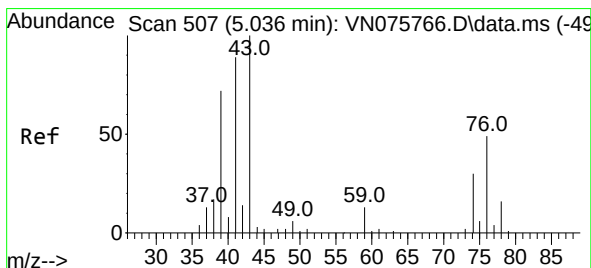
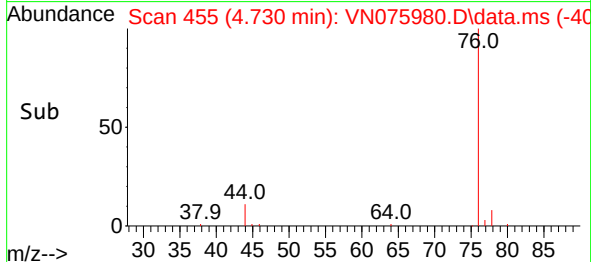
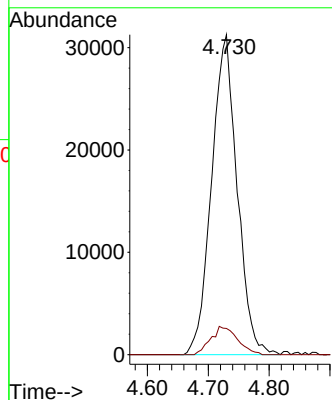
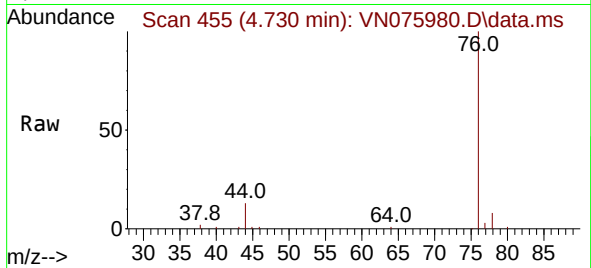
#17
Carbon Disulfide
Concen: 15.700 ug/l
RT: 4.730 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion: 76 Resp: 9115
Ion Ratio Lower Upper
76 100
78 8.2 6.8 10.2

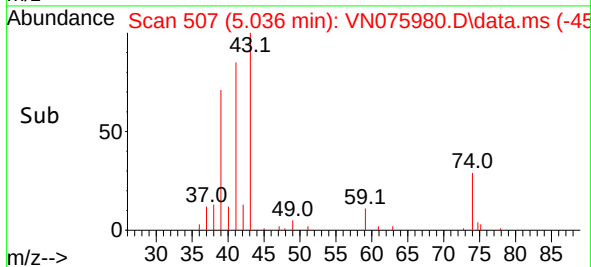
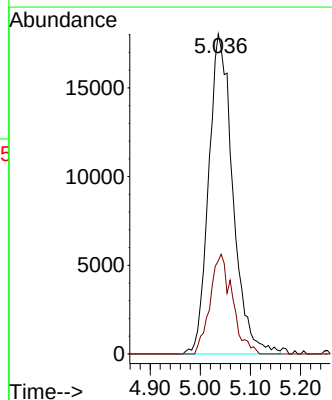
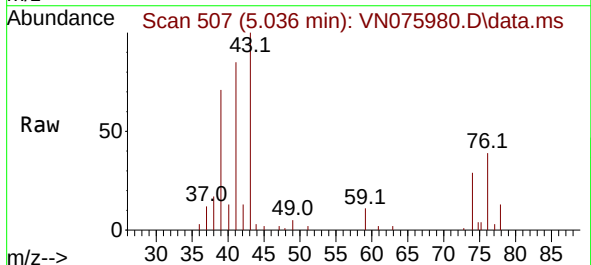
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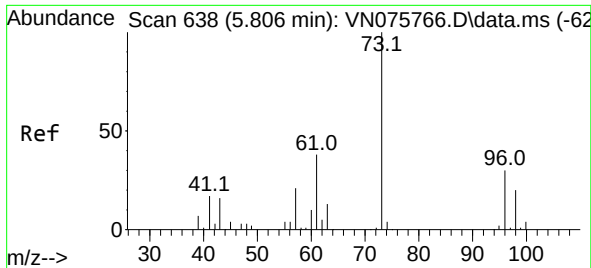
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#18
Methyl Acetate
Concen: 20.121 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Tgt Ion: 43 Resp: 60351
Ion Ratio Lower Upper
43 100
74 28.8 23.6 35.4





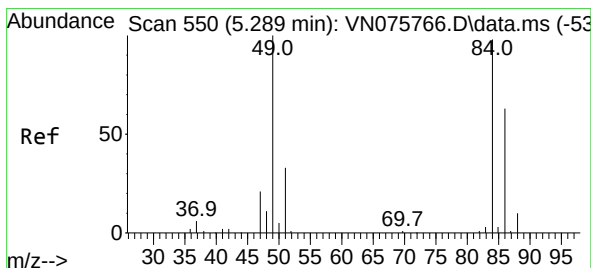
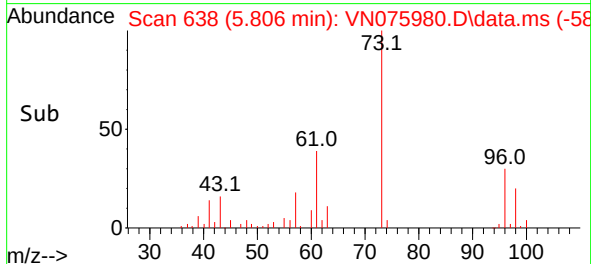
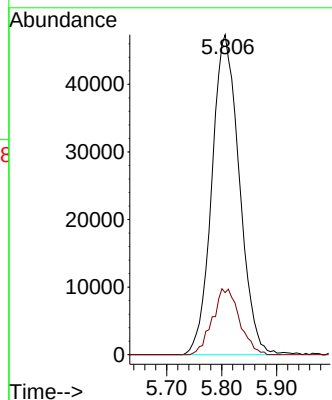
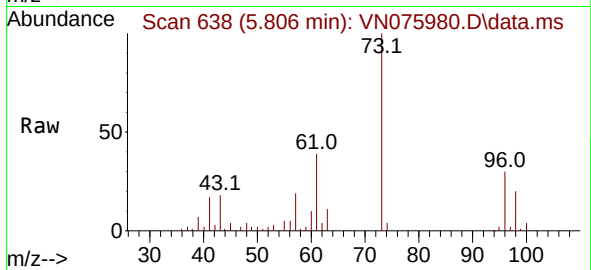
#19
Methyl tert-butyl Ether
Concen: 20.787 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion: 73 Resp: 16415
Ion Ratio Lower Upper
73 100
57 19.4 17.1 25.7

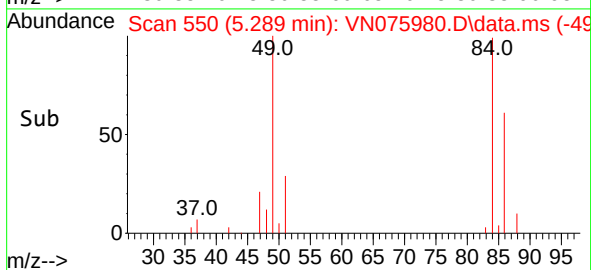
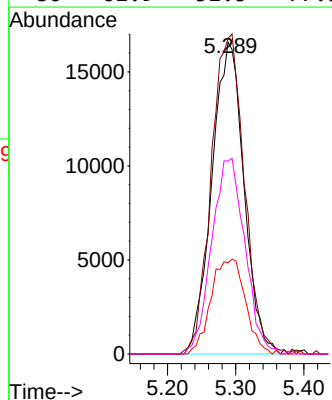
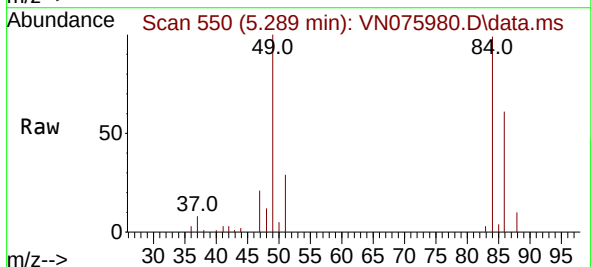
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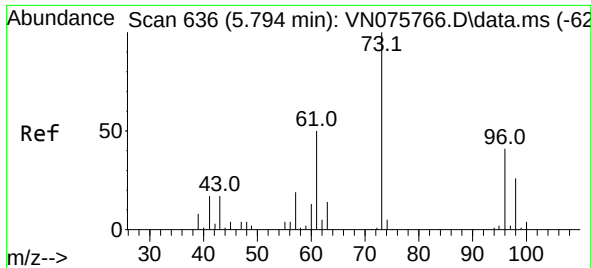
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#20
Methylene Chloride
Concen: 19.578 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Tgt Ion: 84 Resp: 54201
Ion Ratio Lower Upper
84 100
49 101.2 81.8 122.6
51 29.3 26.7 40.1
86 61.9 51.5 77.3





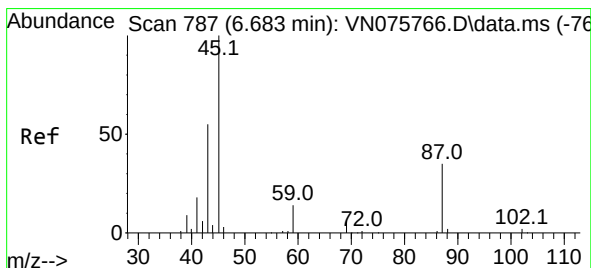
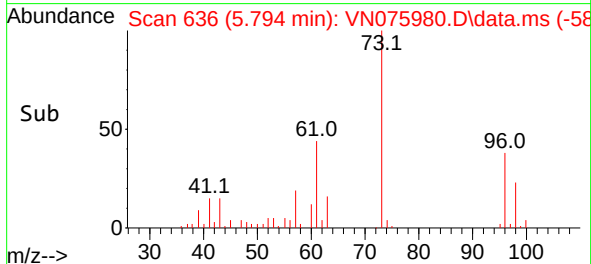
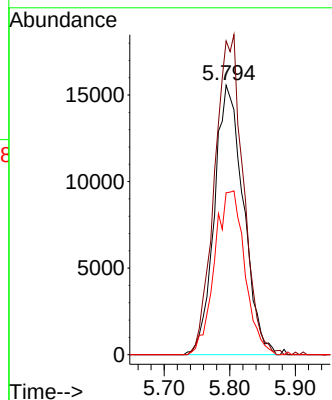
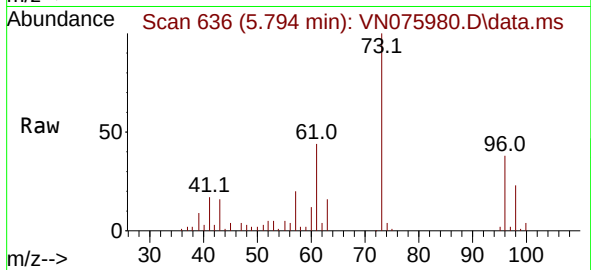
#21
trans-1,2-Dichloroethene
Concen: 18.218 ug/l
RT: 5.794 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion: 96 Resp: 47844
Ion Ratio Lower Upper
96 100
61 116.5 98.1 147.1
98 60.1 51.4 77.2

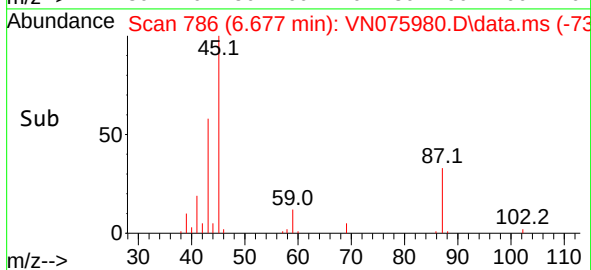
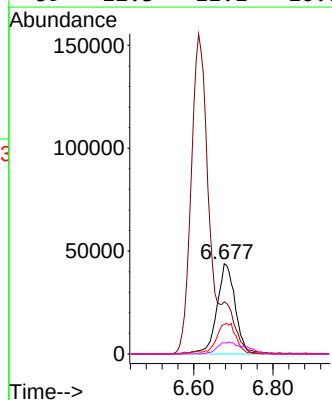
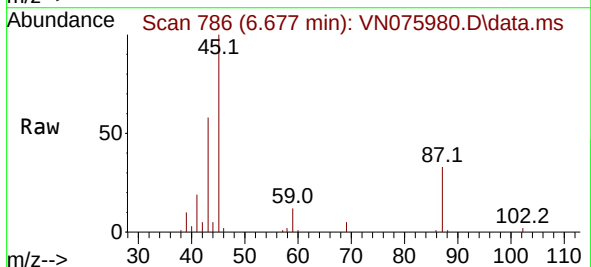
Manual Integrations
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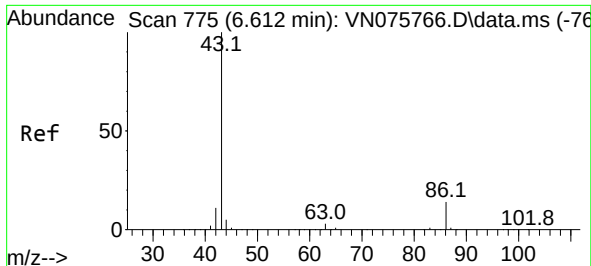
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#22
Diisopropyl ether
Concen: 20.486 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Tgt Ion: 45 Resp: 139508
Ion Ratio Lower Upper
45 100
43 56.5 44.2 66.4
87 32.8 28.3 42.5
59 12.3 11.1 16.7





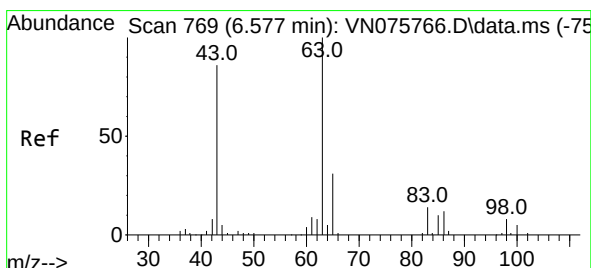
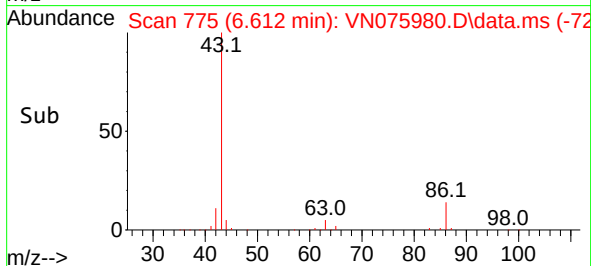
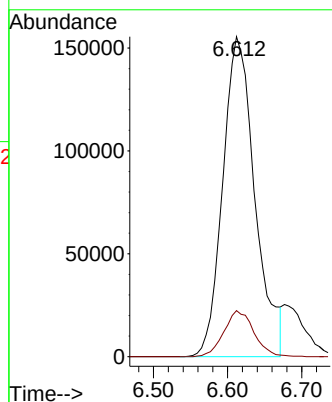
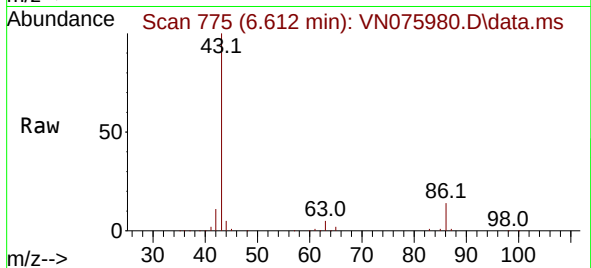
#23
 Vinyl Acetate
 Concen: 102.246 ug/l
 RT: 6.612 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN075980.D
 Acq: 27 Dec 2022 11:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1227WBSD01

Tgt Ion: 43 Resp: 468654
 Ion Ratio Lower Upper
 43 100
 86 14.4 11.4 17.2

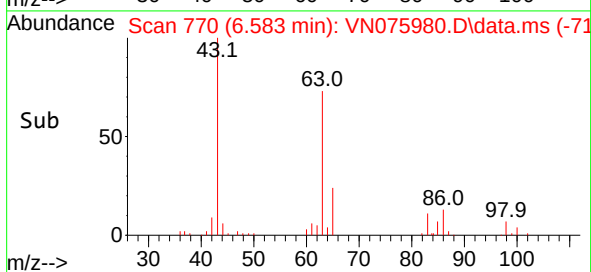
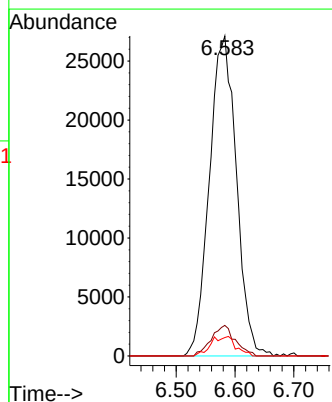
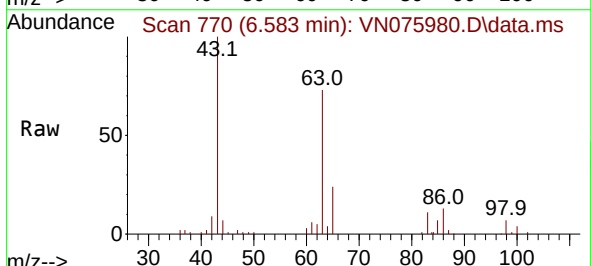
Manual Integrations
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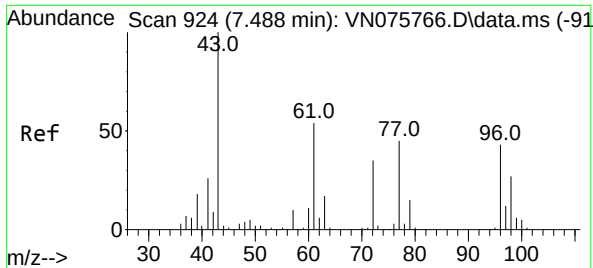
Reviewed By :John Carlone 12/28/2022
 Supervised By :Mahesh Dadoda 12/28/2022



#24
 1,1-Dichloroethane
 Concen: 19.026 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075980.D
 Acq: 27 Dec 2022 11:59

Tgt Ion: 63 Resp: 86410
 Ion Ratio Lower Upper
 63 100
 98 9.6 3.9 11.5
 100 5.7 2.5 7.6





#25

2-Butanone

Concen: 101.814 ug/l

RT: 7.489 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075980.D

Acq: 27 Dec 2022 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBSD01

Tgt Ion: 43 Resp: 144654

Ion Ratio Lower Upper

43 100

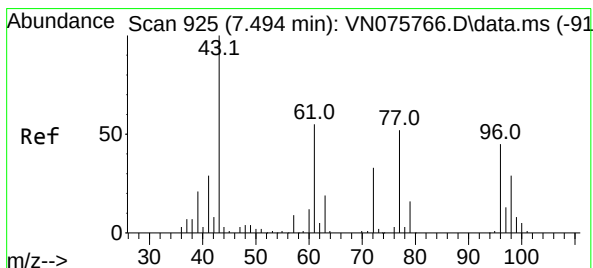
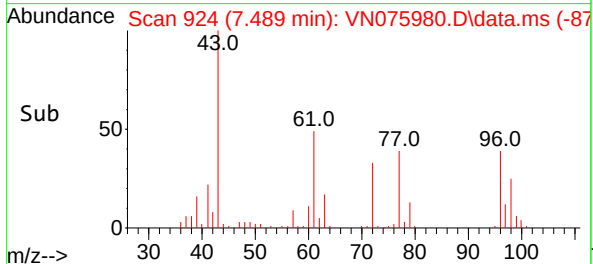
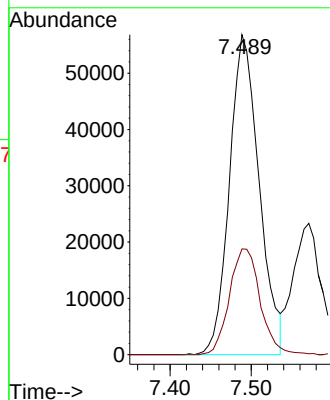
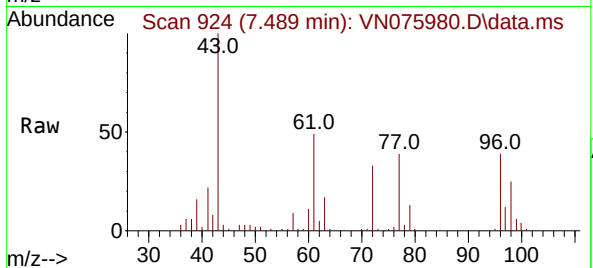
72 33.0 28.0 42.0

Manual Integrations

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Reviewed By :John Carlone 12/28/2022

Supervised By :Mahesh Dadoda 12/28/2022



#26

2,2-Dichloropropane

Concen: 19.831 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN075980.D

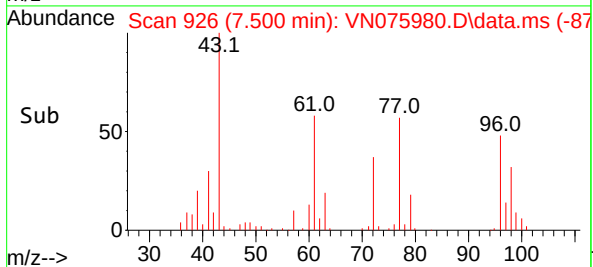
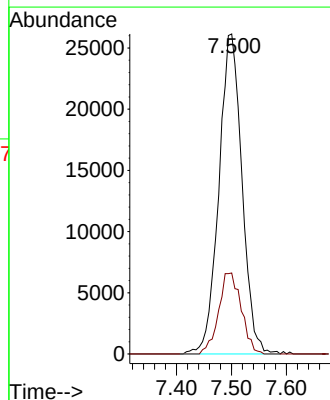
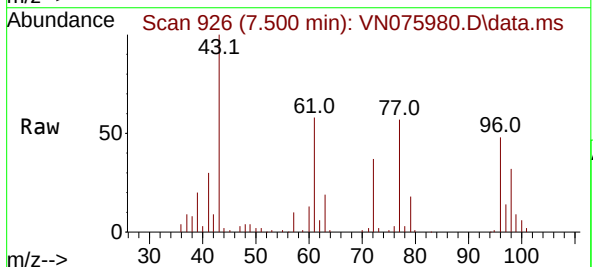
Acq: 27 Dec 2022 11:59

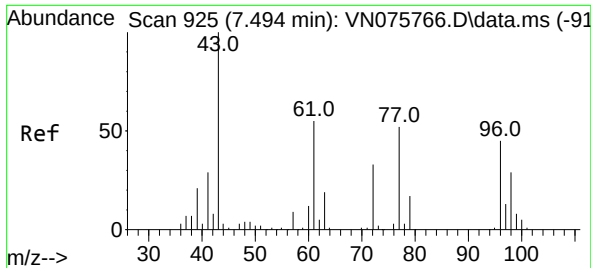
Tgt Ion: 77 Resp: 76271

Ion Ratio Lower Upper

77 100

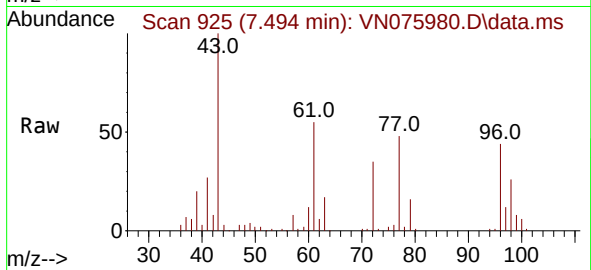
97 24.9 12.7 38.0





#27
 cis-1,2-Dichloroethene
 Concen: 19.643 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075980.D
 Acq: 27 Dec 2022 11:59

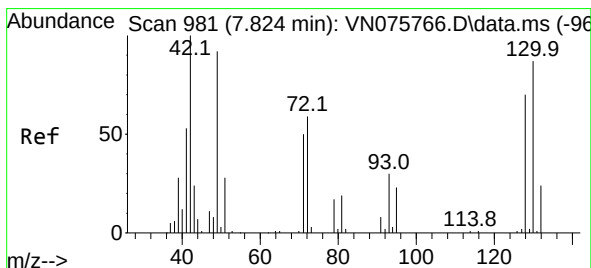
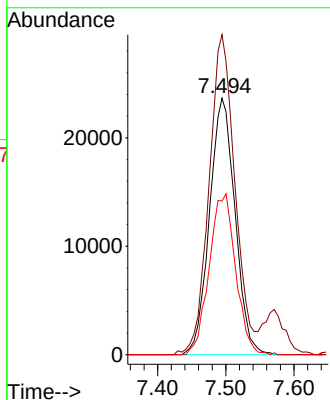
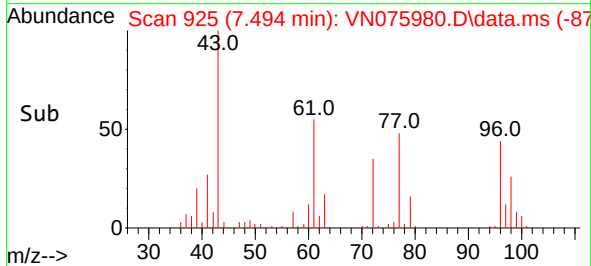
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1227WBSD01



Tgt Ion: 96 Resp: 61690
 Ion Ratio Lower Upper
 96 100
 61 126.9 0.0 247.8
 98 64.8 0.0 128.4

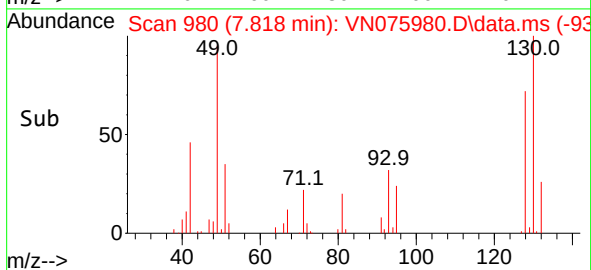
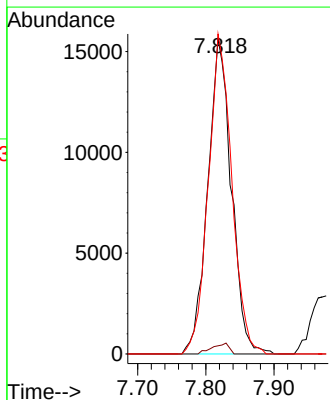
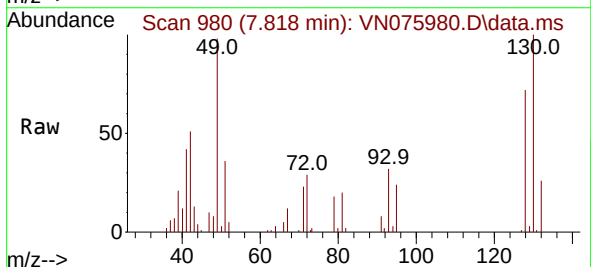
Manual Integrations
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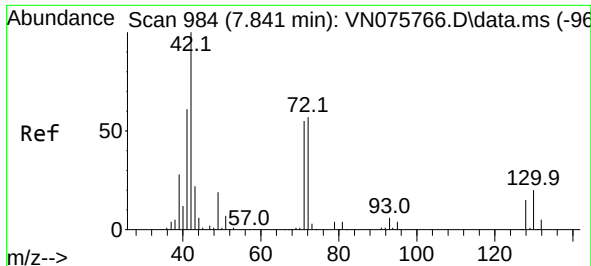
Reviewed By :John Carlone 12/28/2022
 Supervised By :Mahesh Dadoda 12/28/2022



#28
 Bromochloromethane
 Concen: 18.953 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN075980.D
 Acq: 27 Dec 2022 11:59

Tgt Ion: 49 Resp: 37728
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.0
 130 101.0 77.0 115.4





#29

Tetrahydrofuran

Concen: 99.616 ug/l

RT: 7.847 min Scan# 984

Delta R.T. 0.006 min

Lab File: VN075980.D

Acq: 27 Dec 2022 11:59

Instrument :

MSVOA_N

ClientSampleId :

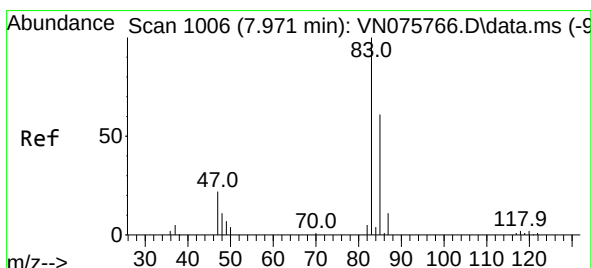
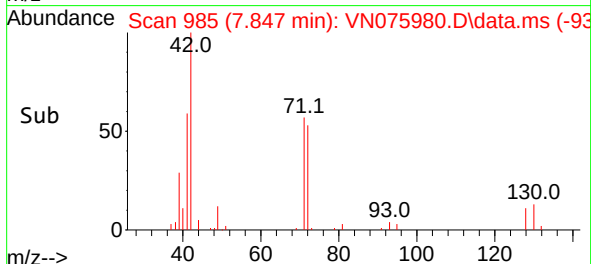
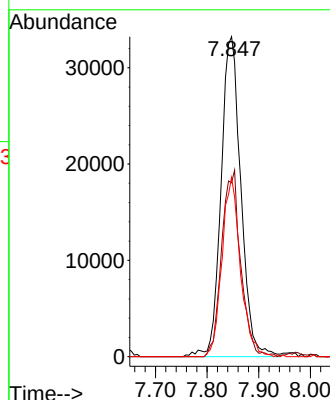
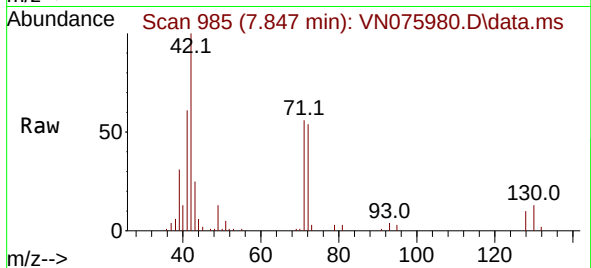
VN1227WBSD01

Tgt Ion: 42 Resp: 88694
 Ion Ratio Lower Upper
 42 100
 72 56.0 44.5 66.7
 71 52.2 41.0 61.6

Manual Integrations

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Reviewed By :John Carlone 12/28/2022
 Supervised By :Mahesh Dadoda 12/28/2022



#30

Chloroform

Concen: 19.178 ug/l

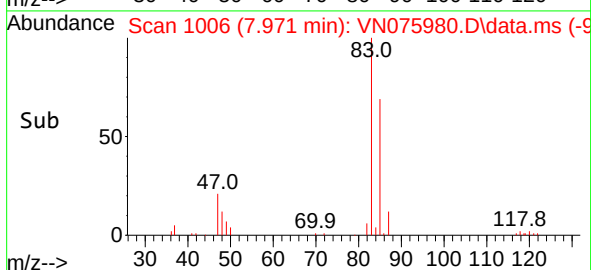
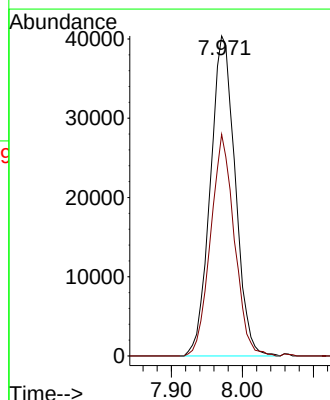
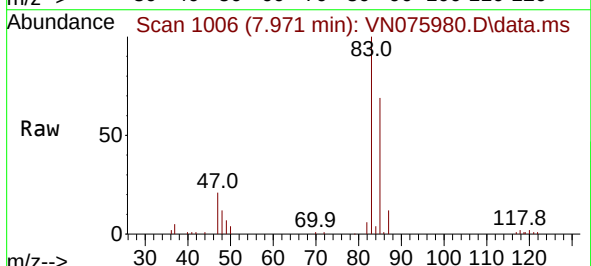
RT: 7.971 min Scan# 1006

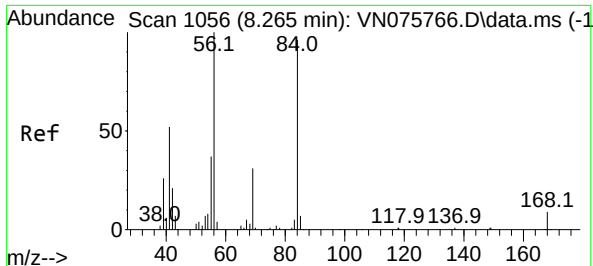
Delta R.T. 0.000 min

Lab File: VN075980.D

Acq: 27 Dec 2022 11:59

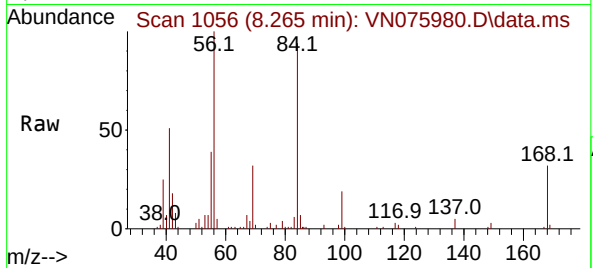
Tgt Ion: 83 Resp: 98066
 Ion Ratio Lower Upper
 83 100
 85 69.3 49.1 73.7





#31
Cyclohexane
Concen: 18.526 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

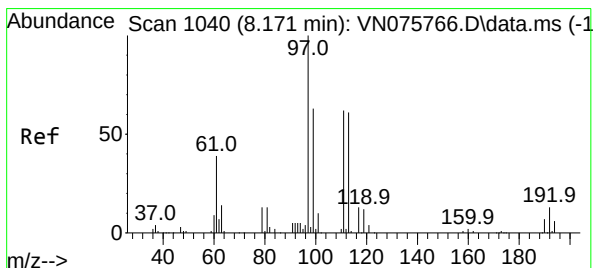
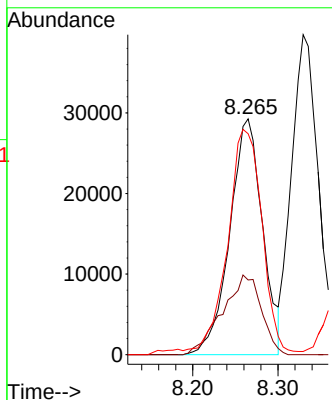
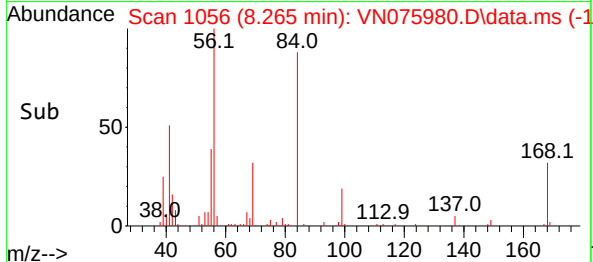
Instrument :
MSVOA_N
Client Sample Id :
VN1227WBSD01



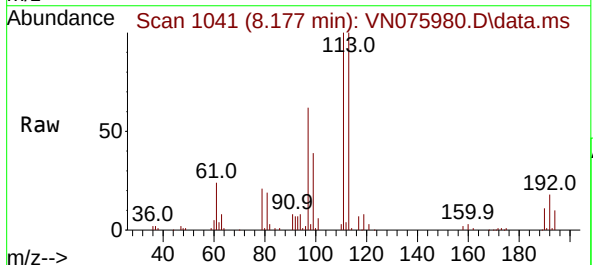
Tgt Ion: 56 Resp: 7809
Ion Ratio Lower Upper
56 100
69 31.7 24.7 37.1
84 91.4 76.5 114.7

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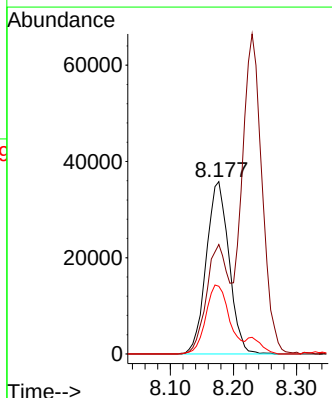
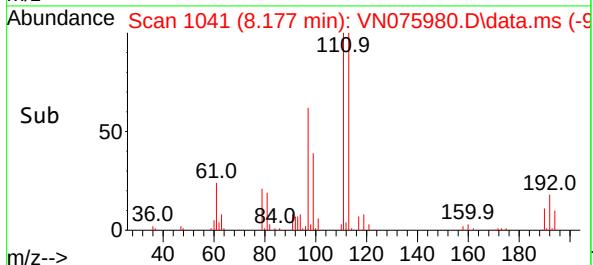
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022

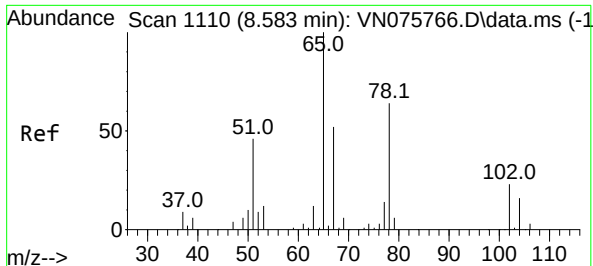


#32
1,1,1-Trichloroethane
Concen: 19.753 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59



Tgt Ion: 97 Resp: 89548
Ion Ratio Lower Upper
97 100
99 59.0 50.2 75.2
61 42.0 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 53.279 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075980.D

Acq: 27 Dec 2022 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBSD01

Tgt Ion: 65 Resp: 156829

Ion Ratio Lower Upper

65 100

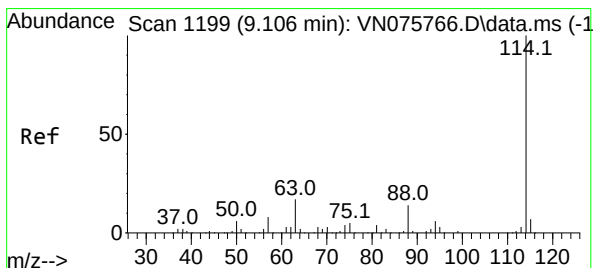
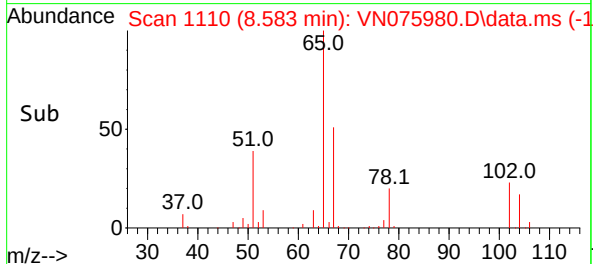
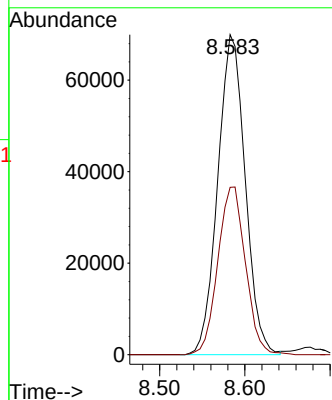
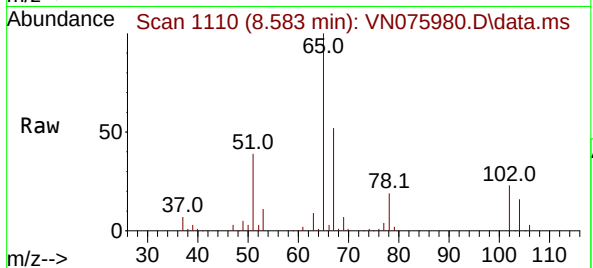
67 52.7 0.0 103.4

Manual Integrations

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Reviewed By :John Carlone 12/28/2022

Supervised By :Mahesh Dadoda 12/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075980.D

Acq: 27 Dec 2022 11:59

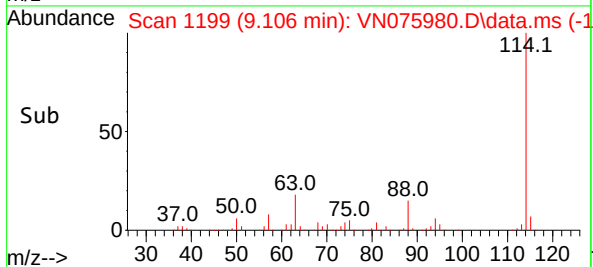
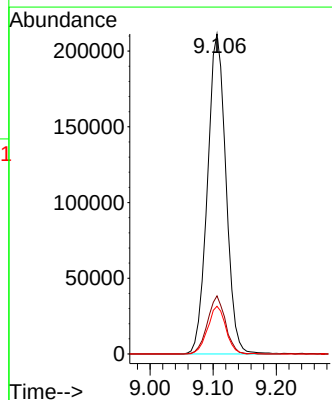
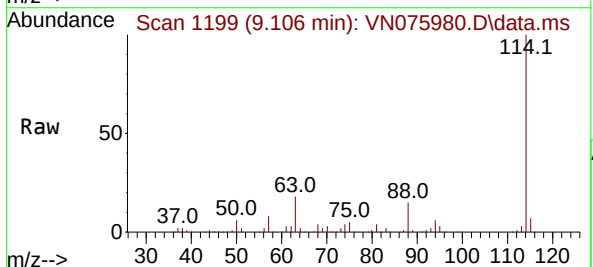
Tgt Ion:114 Resp: 429482

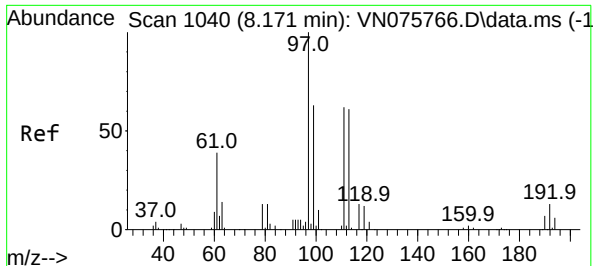
Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.4

88 14.9 0.0 28.8





#35

Dibromofluoromethane

Concen: 54.081 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075980.D

Acq: 27 Dec 2022 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBSD01

Tgt Ion:113 Resp: 143840

Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.2

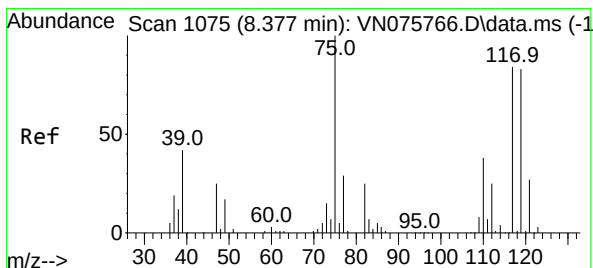
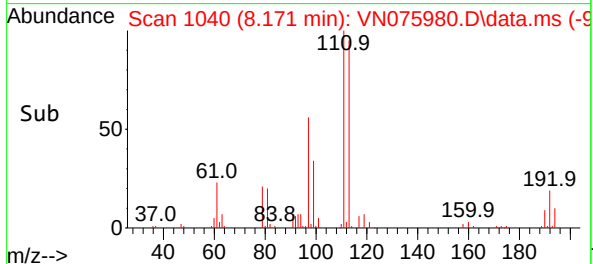
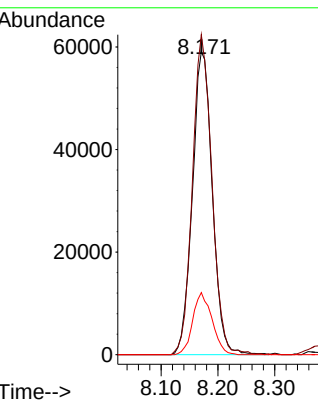
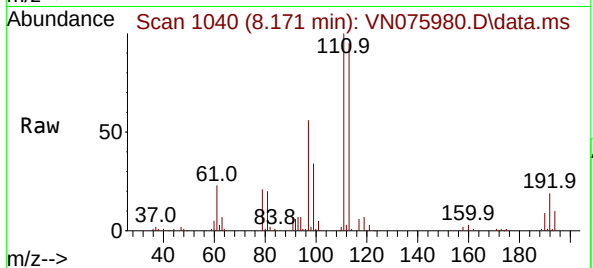
192 19.8 16.1 24.1

Manual Integrations

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Reviewed By :John Carlone 12/28/2022

Supervised By :Mahesh Dadoda 12/28/2022



#36

1,1-Dichloropropene

Concen: 19.055 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN075980.D

Acq: 27 Dec 2022 11:59

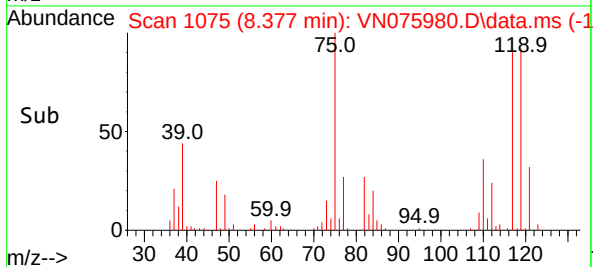
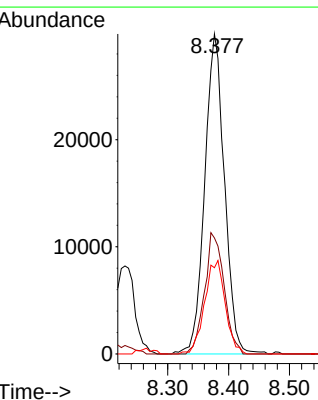
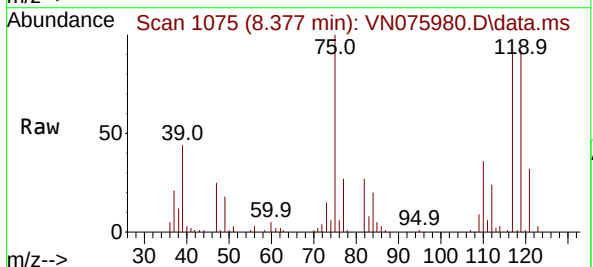
Tgt Ion: 75 Resp: 67326

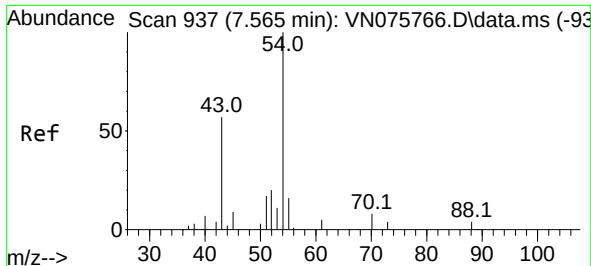
Ion Ratio Lower Upper

75 100

110 37.5 18.8 56.4

77 30.5 24.1 36.1





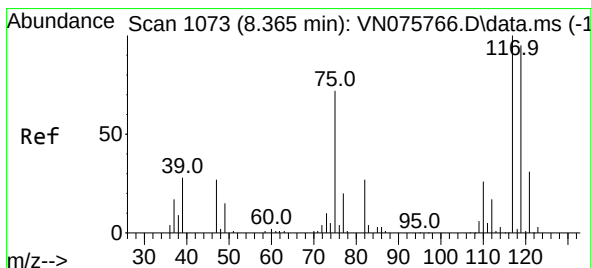
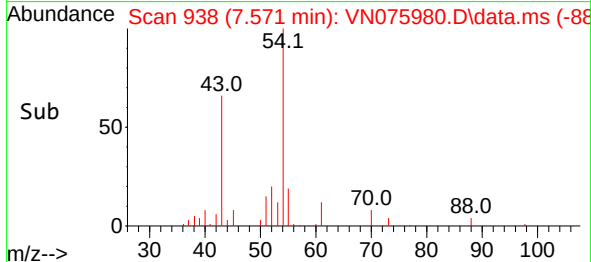
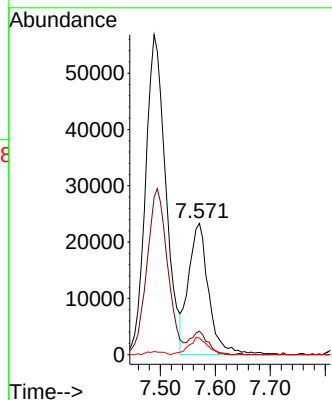
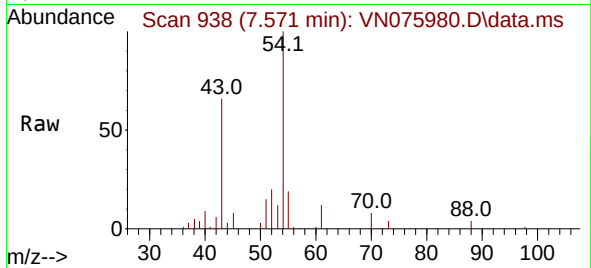
#37
Ethyl Acetate
Concen: 21.029 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion: 43 Resp: 5968
Ion Ratio Lower Upper
43 100
61 14.8 13.0 19.4
70 12.2 9.4 14.0

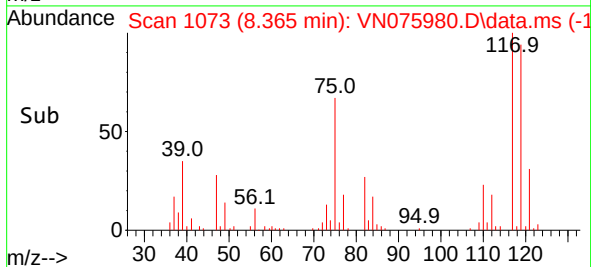
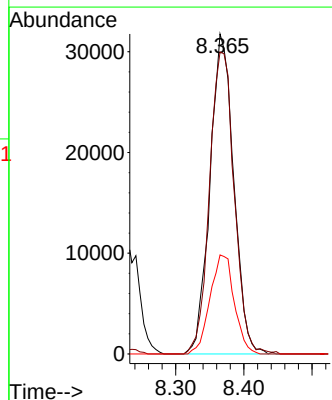
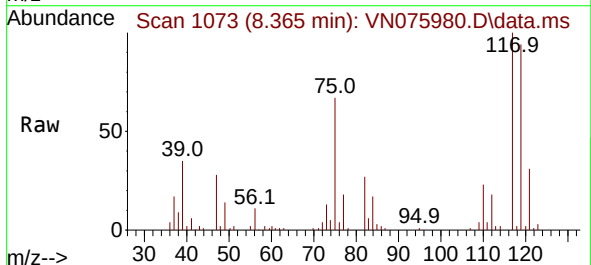
Manual Integrations
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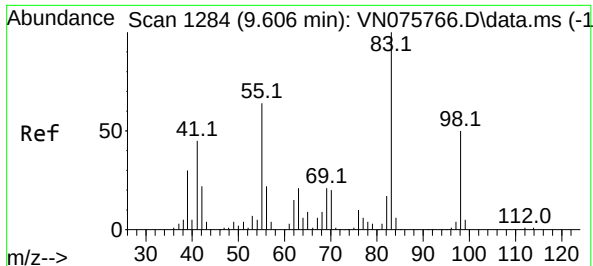
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#38
Carbon Tetrachloride
Concen: 19.467 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

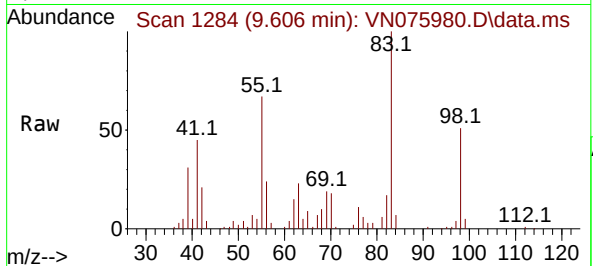
Tgt Ion:117 Resp: 76979
Ion Ratio Lower Upper
117 100
119 94.3 76.1 114.1
121 30.9 24.5 36.7





#39
Methylcyclohexane
Concen: 19.690 ug/l
RT: 9.606 min Scan# 11284
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

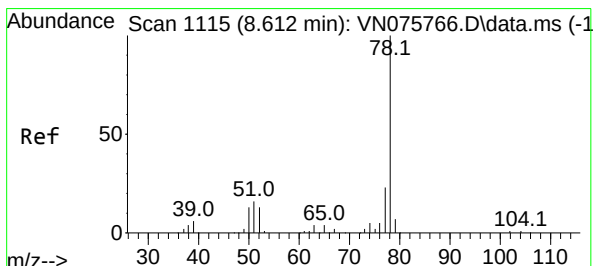
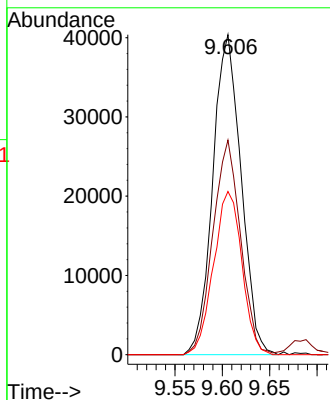
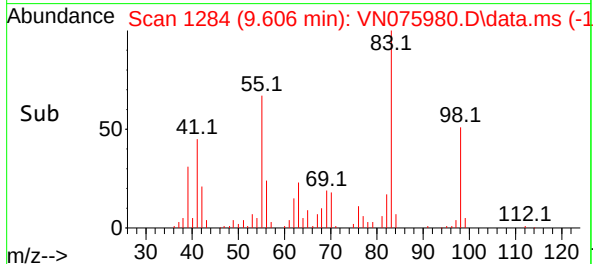
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01



Tgt Ion: 83 Resp: 83929
Ion Ratio Lower Upper
83 100
55 67.0 51.4 77.0
98 51.0 39.8 59.8

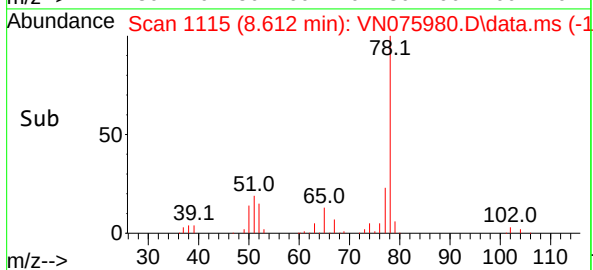
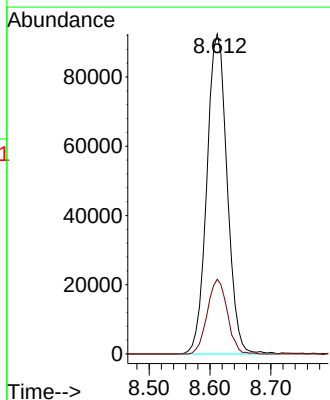
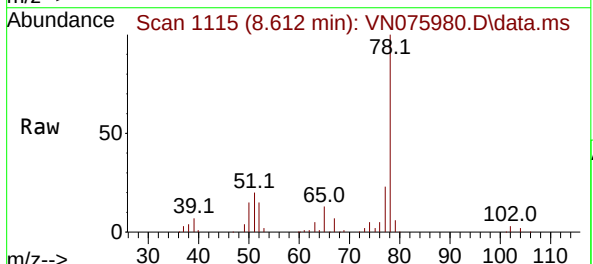
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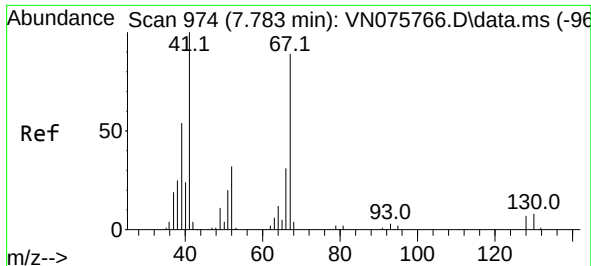
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#40
Benzene
Concen: 19.641 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Tgt Ion: 78 Resp: 214107
Ion Ratio Lower Upper
78 100
77 23.4 18.5 27.7





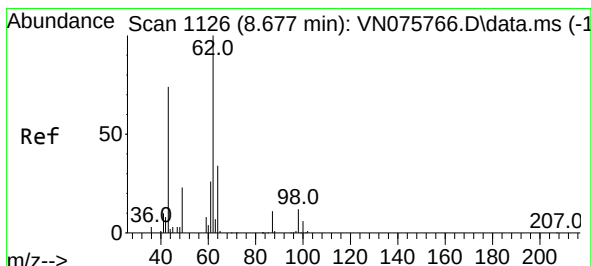
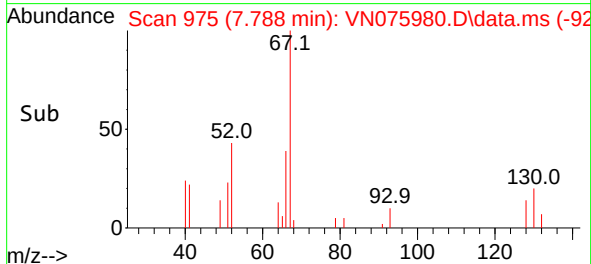
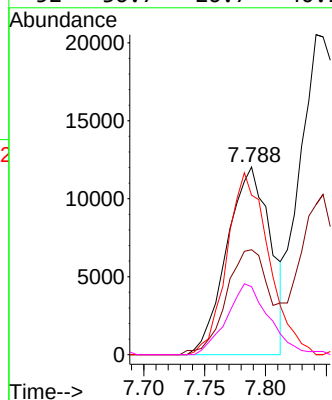
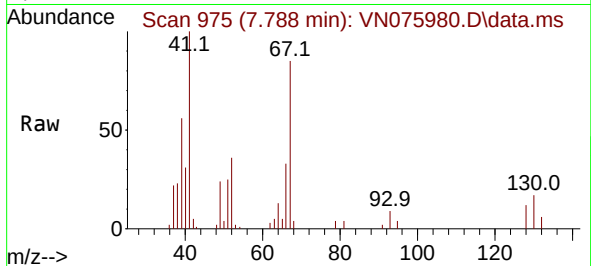
#41
Methacrylonitrile
Concen: 20.392 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion: 41 Resp: 3008
Ion Ratio Lower Upper
41 100
39 60.1 43.1 64.7
67 92.8 70.7 106.1
52 36.7 26.7 40.1

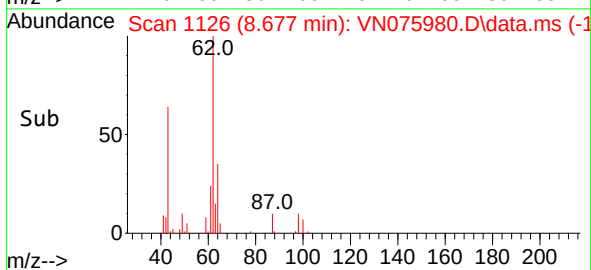
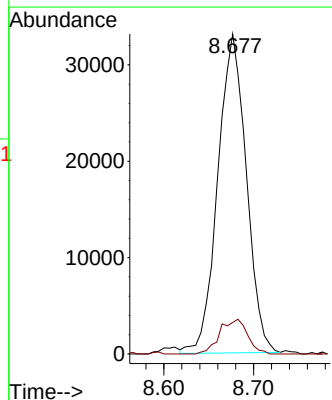
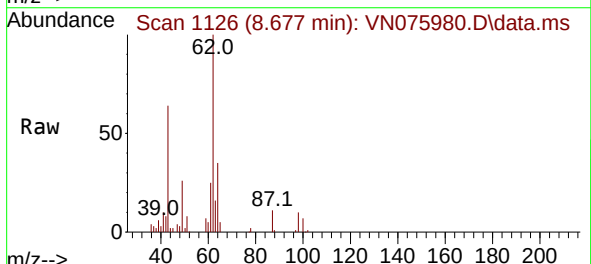
Manual Integrations
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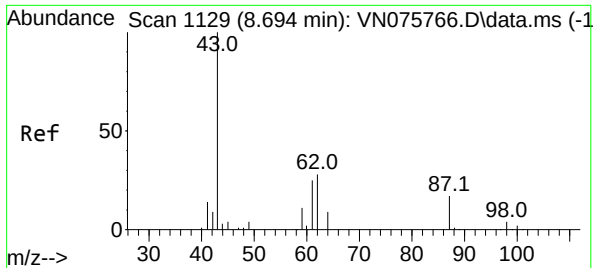
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#42
1,2-Dichloroethane
Concen: 20.154 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Tgt Ion: 62 Resp: 73042
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.8





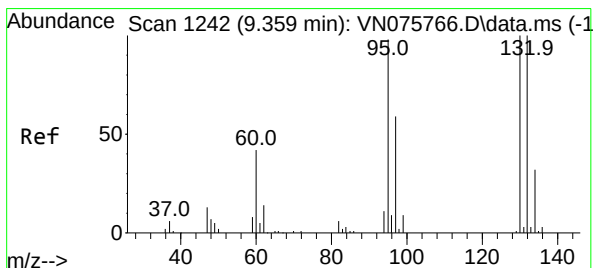
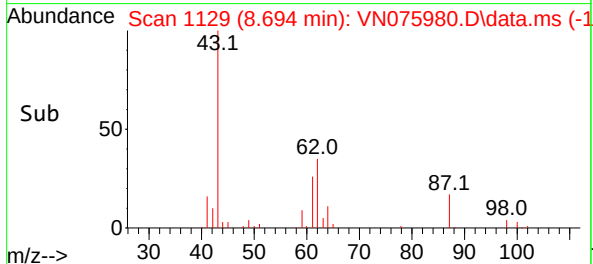
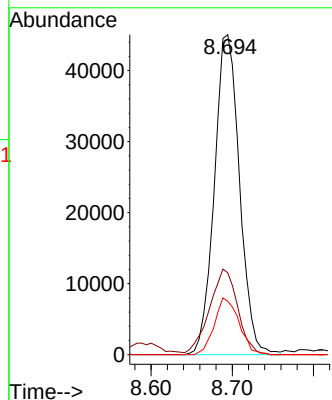
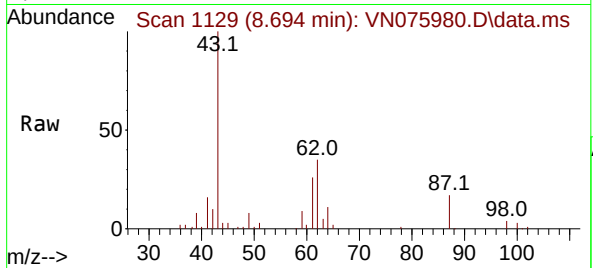
#43
Isopropyl Acetate
Concen: 20.775 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion: 43 Resp: 97259
Ion Ratio Lower Upper
43 100
61 29.9 24.2 36.4
87 17.4 13.3 19.9

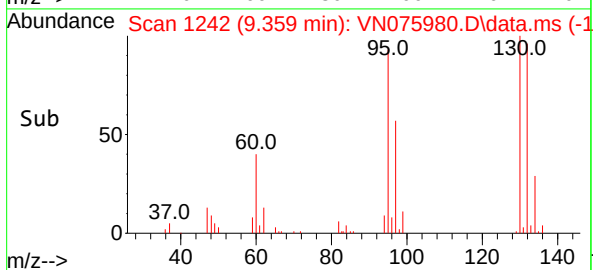
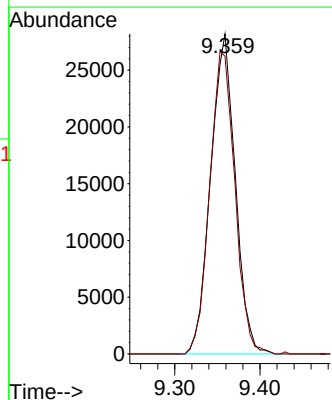
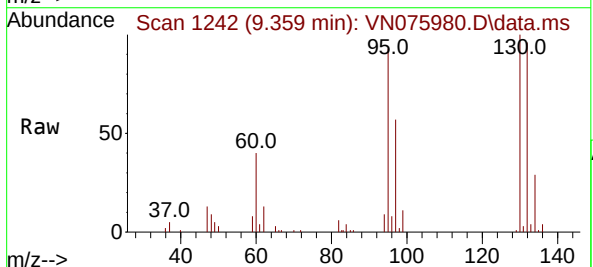
Manual Integrations
APPROVED

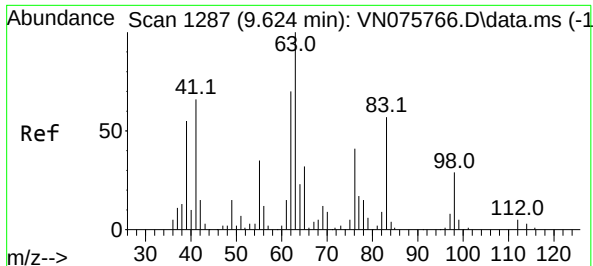
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#44
Trichloroethene
Concen: 18.406 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Tgt Ion:130 Resp: 56526
Ion Ratio Lower Upper
130 100
95 93.0 0.0 195.4





#45

1,2-Dichloropropane

Concen: 19.658 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075980.D

Acq: 27 Dec 2022 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBSD01

Tgt Ion: 63 Resp: 5214

Ion Ratio Lower Upper

63 100

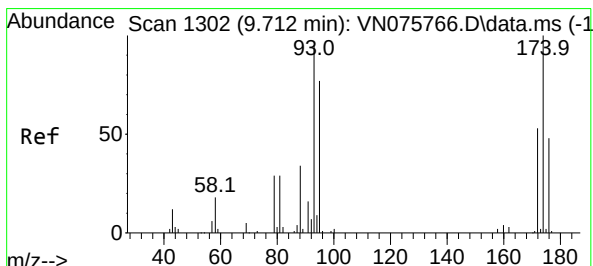
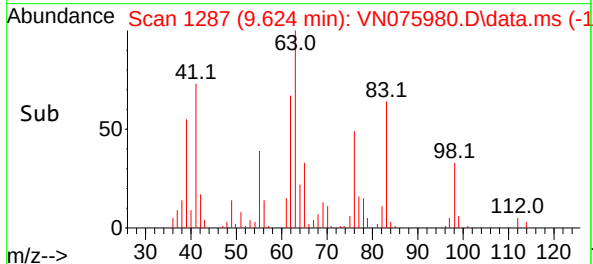
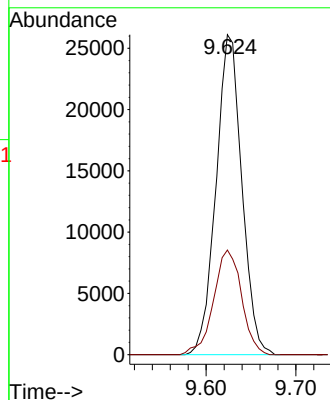
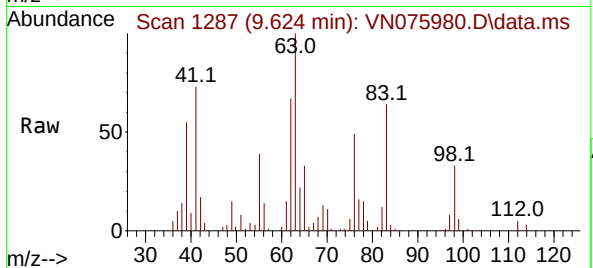
65 32.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2022

Supervised By :Mahesh Dadoda 12/28/2022



#46

Dibromomethane

Concen: 19.693 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075980.D

Acq: 27 Dec 2022 11:59

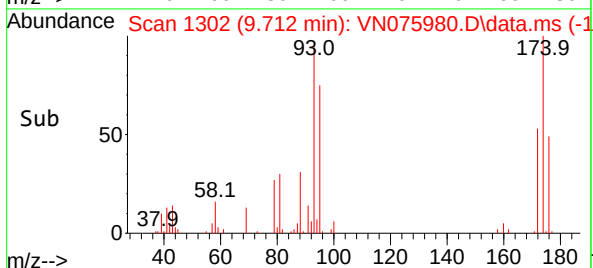
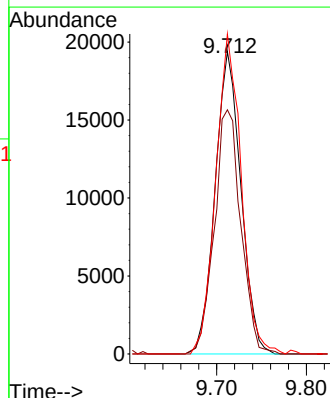
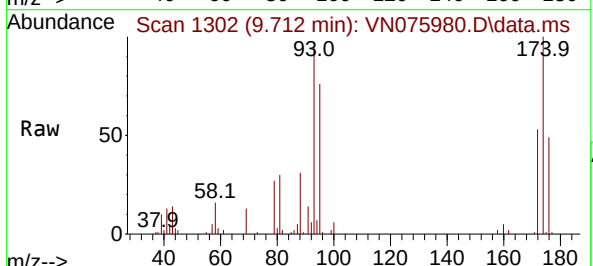
Tgt Ion: 93 Resp: 38746

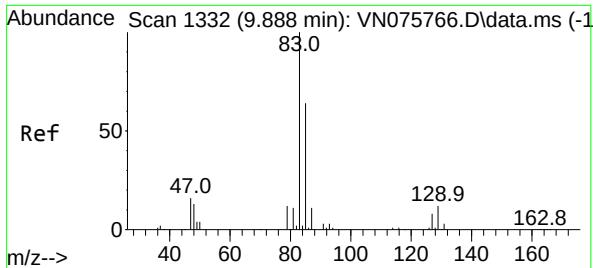
Ion Ratio Lower Upper

93 100

95 82.8 65.2 97.8

174 104.3 82.4 123.6





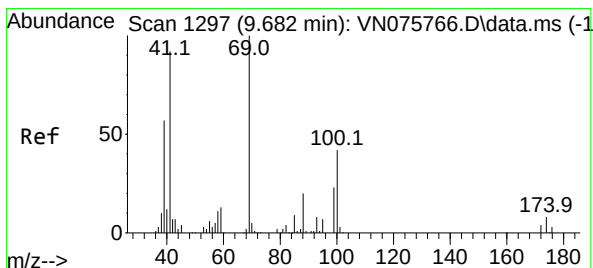
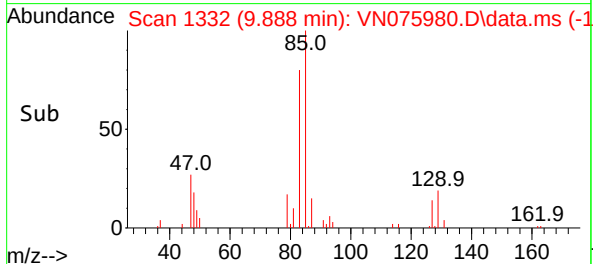
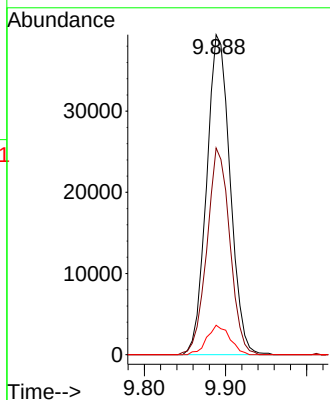
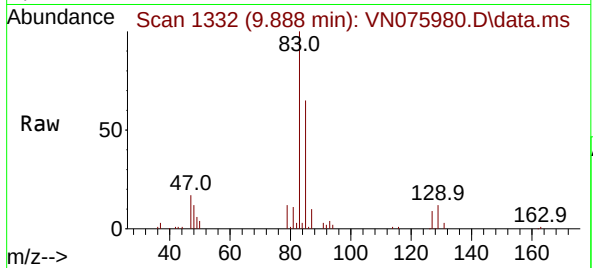
#47
Bromodichloromethane
Concen: 20.522 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion: 83 Resp: 7918
Ion Ratio Lower Upper
83 100
85 64.6 51.5 77.3
127 9.2 6.6 10.0

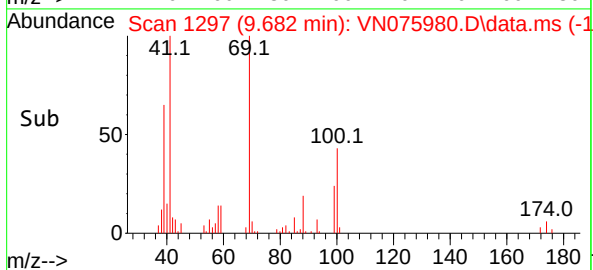
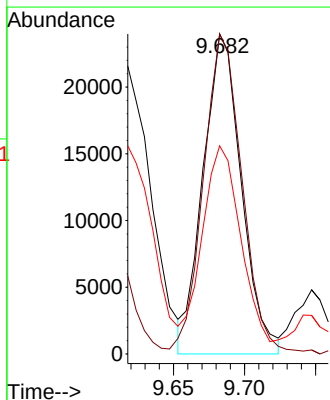
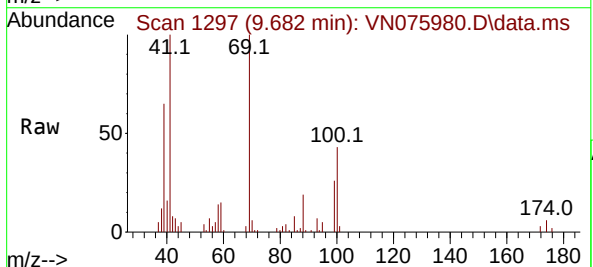
Manual Integrations
APPROVED

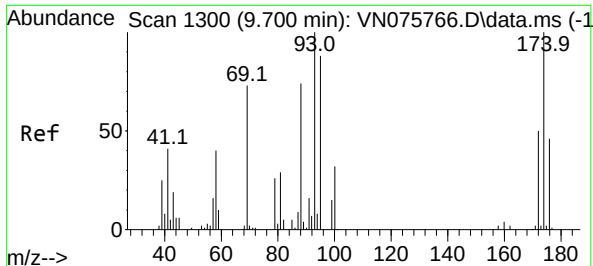
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#48
Methyl methacrylate
Concen: 21.264 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Tgt Ion: 41 Resp: 44835
Ion Ratio Lower Upper
41 100
69 101.4 81.9 122.9
39 68.3 51.6 77.4





#49

1,4-Dioxane

Concen: 409.192 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075980.D

Acq: 27 Dec 2022 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBSD01

Tgt Ion: 88 Resp: 2121

Ion Ratio Lower Upper

88 100

43 21.6 17.1 25.7

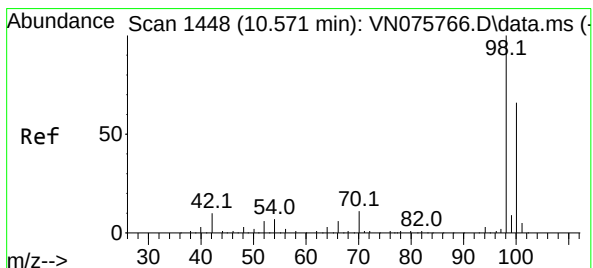
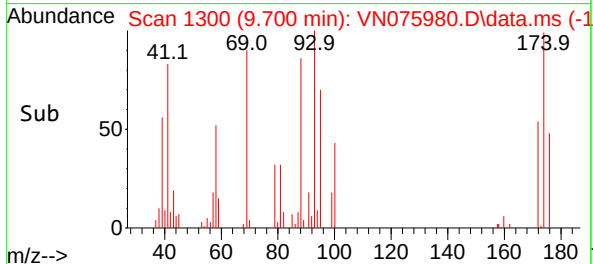
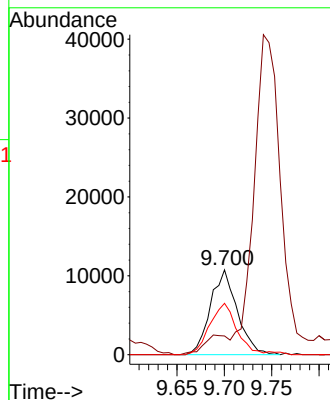
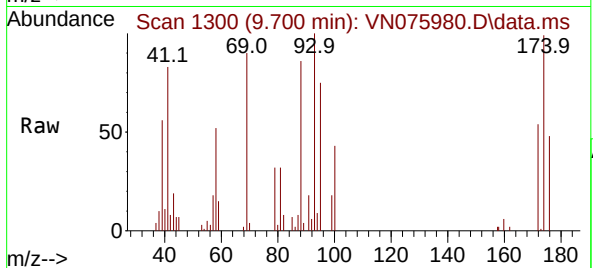
58 60.5 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2022

Supervised By :Mahesh Dadoda 12/28/2022



#50

Toluene-d8

Concen: 53.214 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075980.D

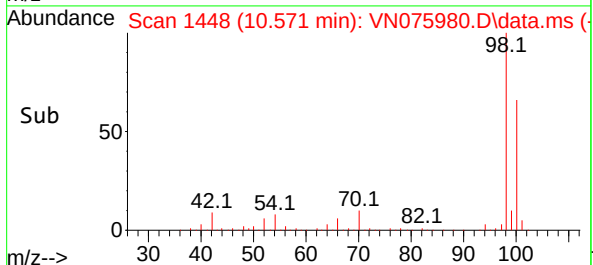
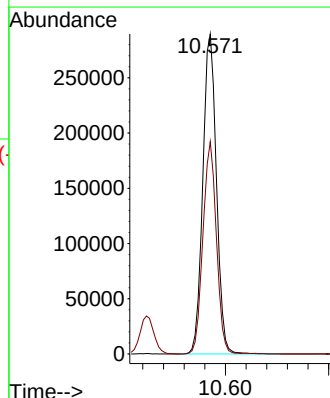
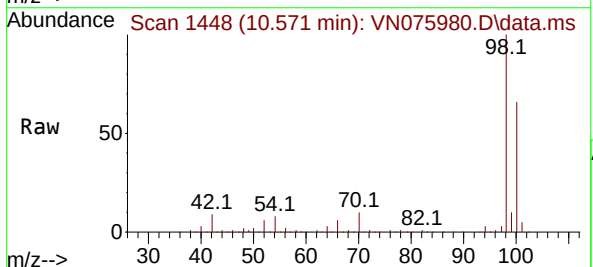
Acq: 27 Dec 2022 11:59

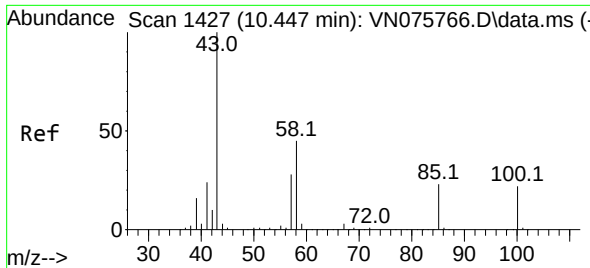
Tgt Ion: 98 Resp: 529180

Ion Ratio Lower Upper

98 100

100 65.8 52.1 78.1





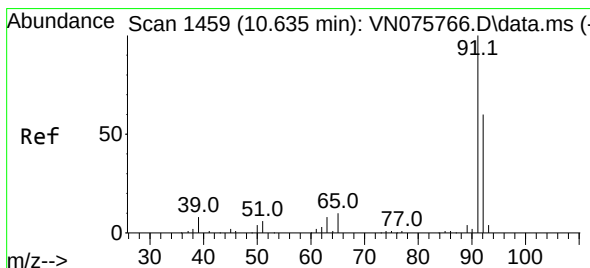
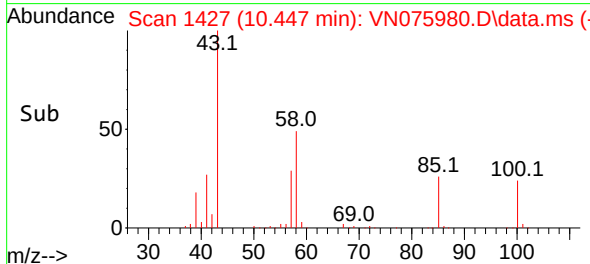
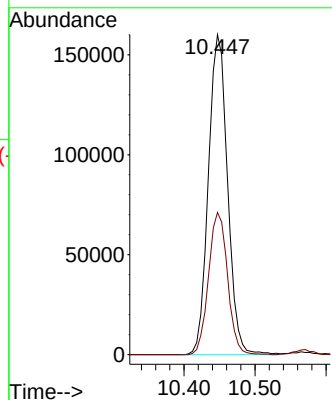
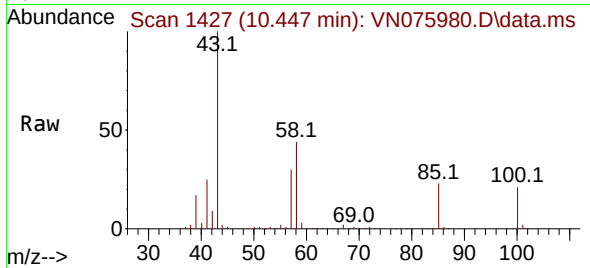
#51
4-Methyl-2-Pentanone
Concen: 106.184 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion: 43 Resp: 300629
Ion Ratio Lower Upper
43 100
58 44.1 35.5 53.3

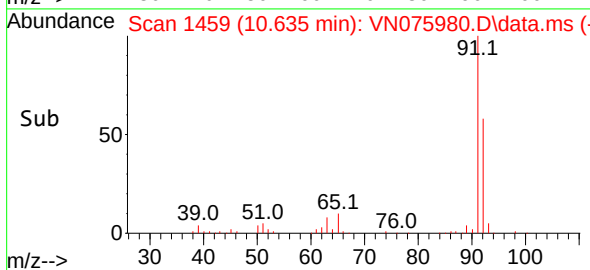
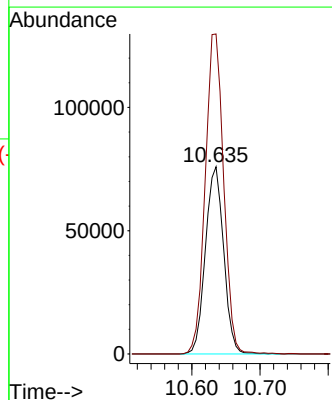
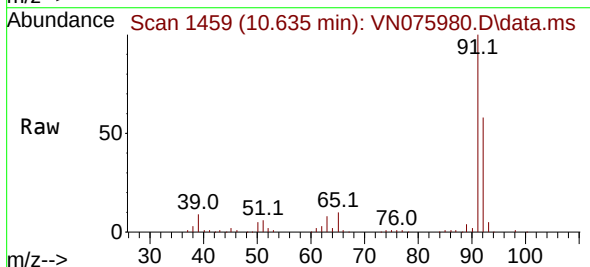
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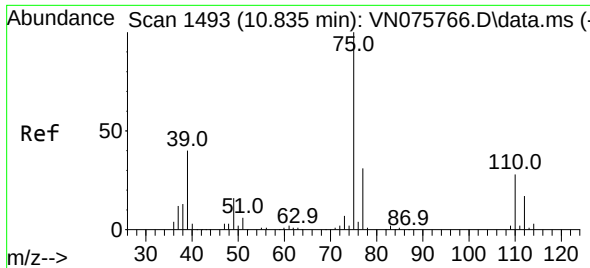
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#52
Toluene
Concen: 19.898 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Tgt Ion: 92 Resp: 141270
Ion Ratio Lower Upper
92 100
91 172.8 137.3 205.9





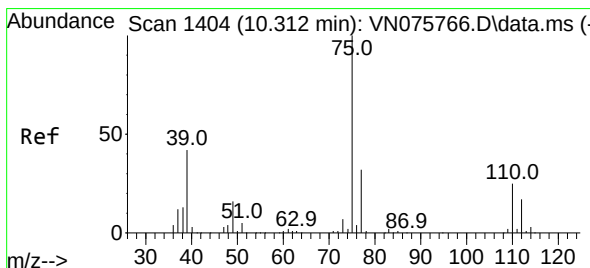
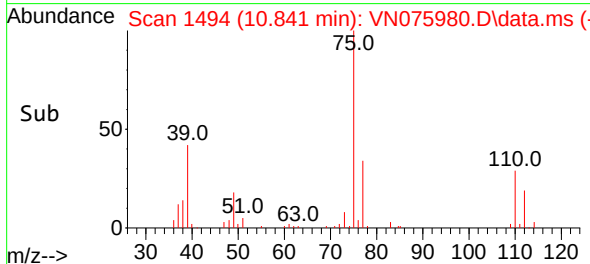
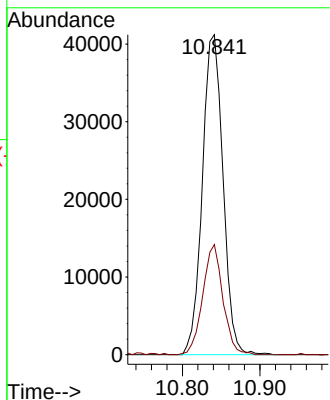
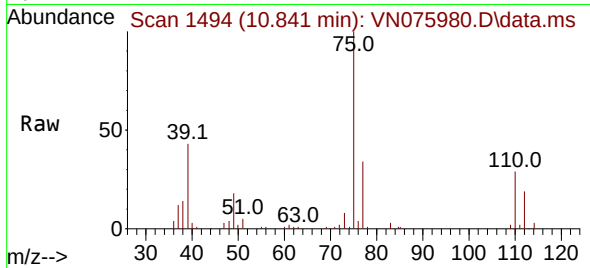
#53
 t-1,3-Dichloropropene
 Concen: 20.192 ug/l
 RT: 10.841 min Scan# 1494
 Delta R.T. 0.006 min
 Lab File: VN075980.D
 Acq: 27 Dec 2022 11:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1227WBSD01

Tgt Ion: 75 Resp: 7626
 Ion Ratio Lower Upper
 75 100
 77 34.4 24.9 37.3

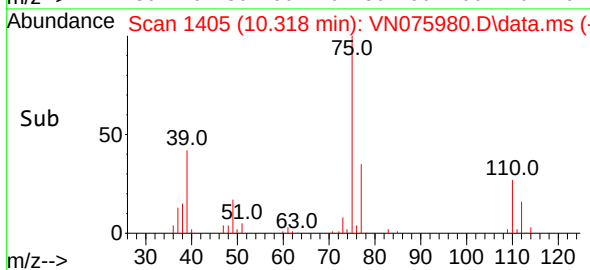
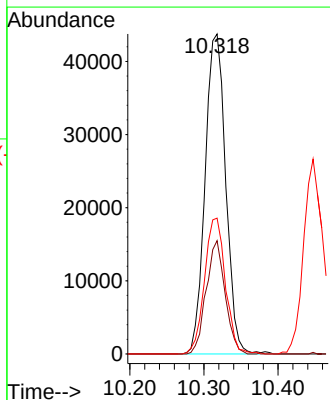
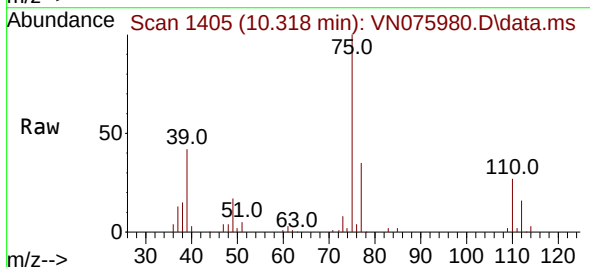
Manual Integrations
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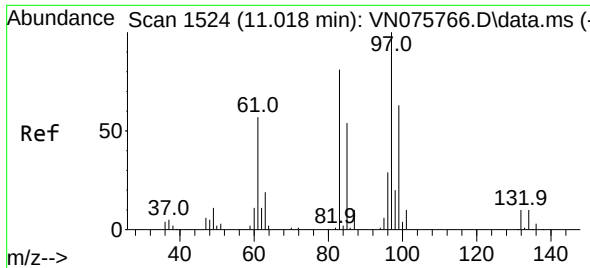
Reviewed By :John Carlone 12/28/2022
 Supervised By :Mahesh Dadoda 12/28/2022



#54
 cis-1,3-Dichloropropene
 Concen: 20.387 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075980.D
 Acq: 27 Dec 2022 11:59

Tgt Ion: 75 Resp: 84544
 Ion Ratio Lower Upper
 75 100
 77 35.4 25.8 38.8
 39 42.4 33.4 50.2





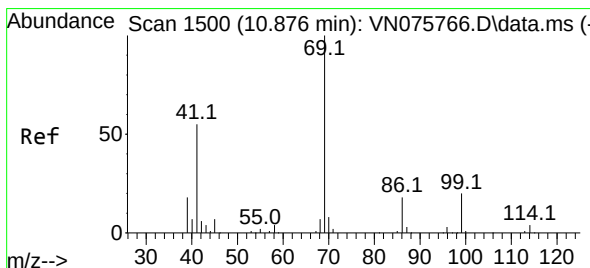
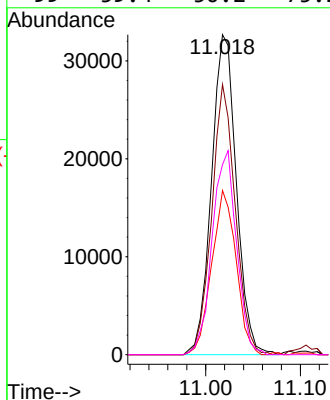
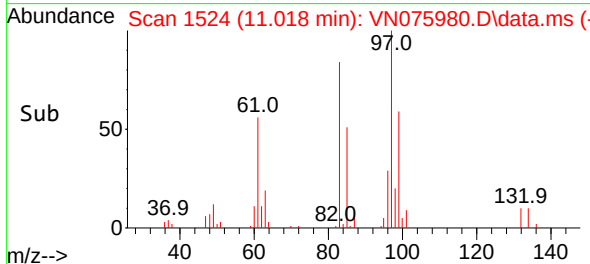
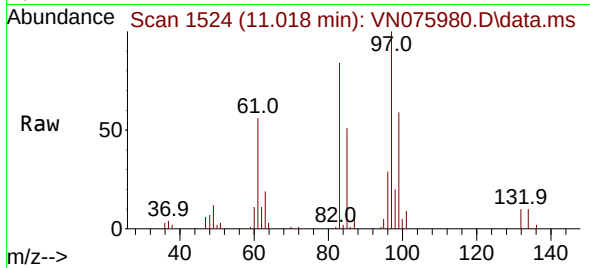
#55
1,1,2-Trichloroethane
Concen: 21.436 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion: 97	Resp: 59734
Ion Ratio	Lower Upper
97 100	
83 84.4	65.0 97.4
85 51.3	43.0 64.6
99 59.4	50.2 75.2

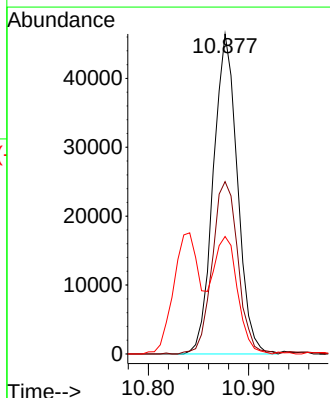
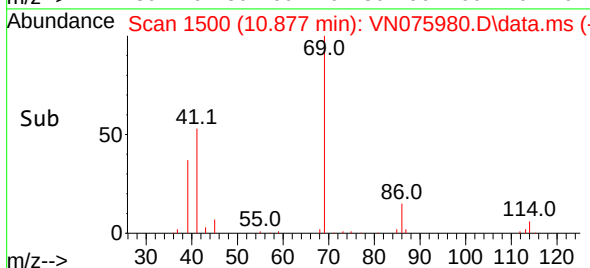
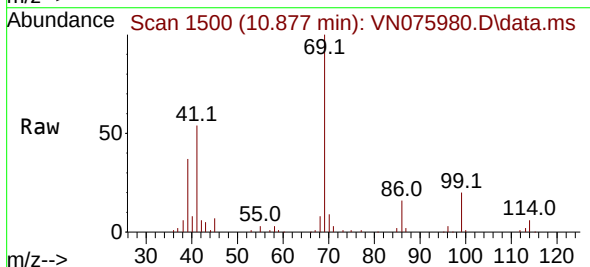
Manual Integrations
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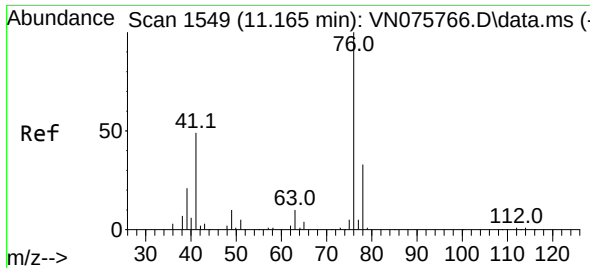
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#56
Ethyl methacrylate
Concen: 20.980 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Tgt Ion: 69	Resp: 77656
Ion Ratio	Lower Upper
69 100	
41 57.4	44.2 66.4
39 35.7	26.4 39.6





#57

1,3-Dichloropropane

Concen: 20.700 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. 0.000 min

Lab File: VN075980.D

Acq: 27 Dec 2022 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBSD01

Tgt Ion: 76 Resp: 94618

Ion Ratio Lower Upper

76 100

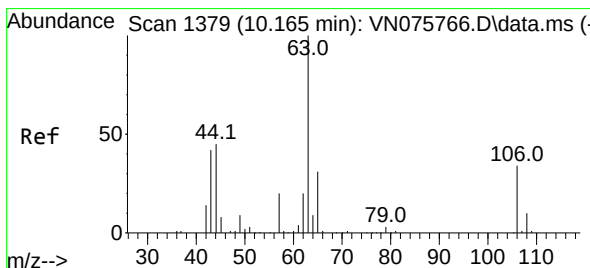
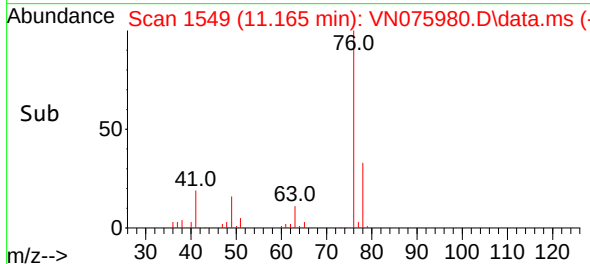
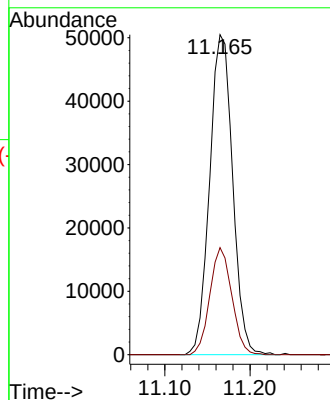
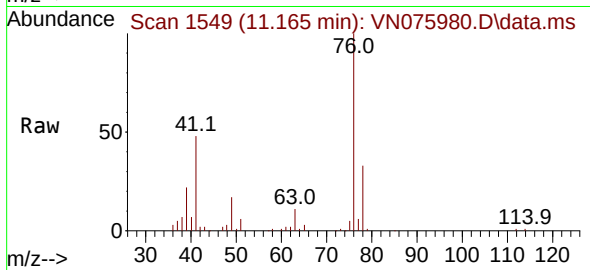
78 31.9 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2022

Supervised By :Mahesh Dadoda 12/28/2022



#58

2-Chloroethyl Vinyl ether

Concen: 95.148 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN075980.D

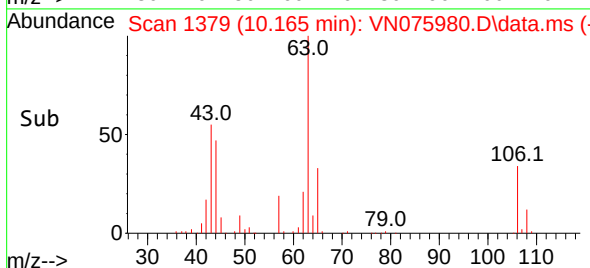
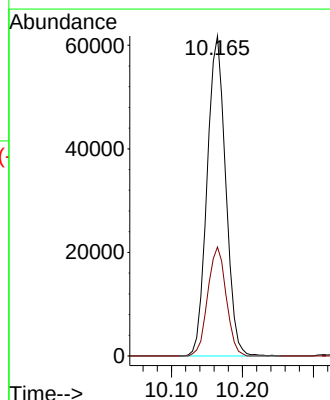
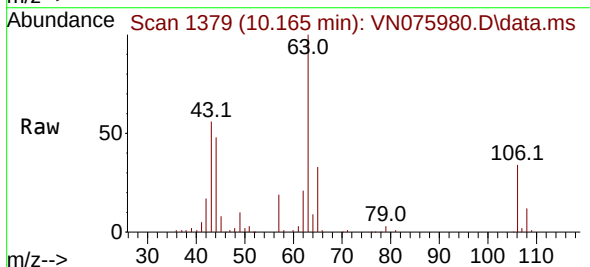
Acq: 27 Dec 2022 11:59

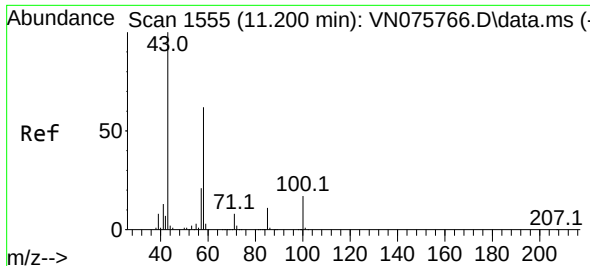
Tgt Ion: 63 Resp: 112128

Ion Ratio Lower Upper

63 100

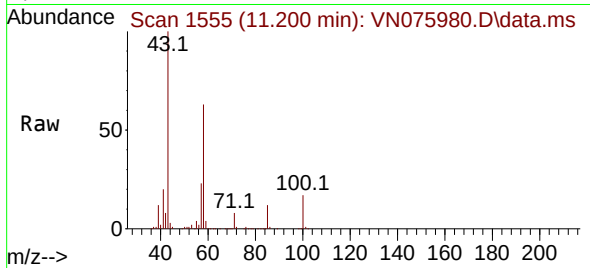
106 33.8 26.4 39.6





#59
2-Hexanone
Concen: 103.842 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

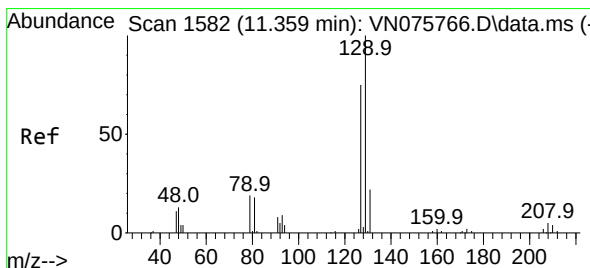
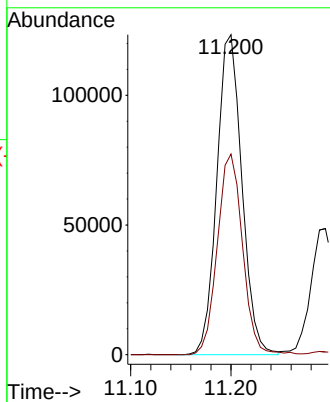
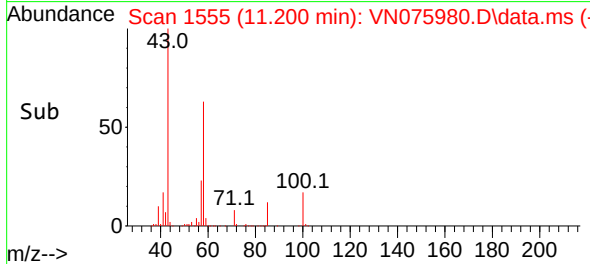
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01



Tgt Ion: 43 Resp: 21440
Ion Ratio Lower Upper
43 100
58 63.0 30.6 92.0

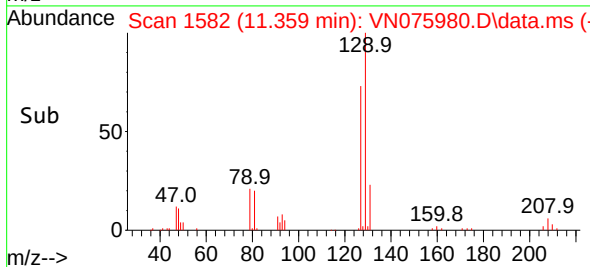
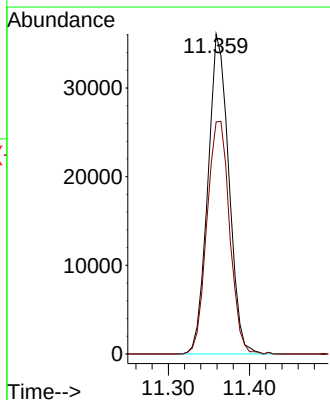
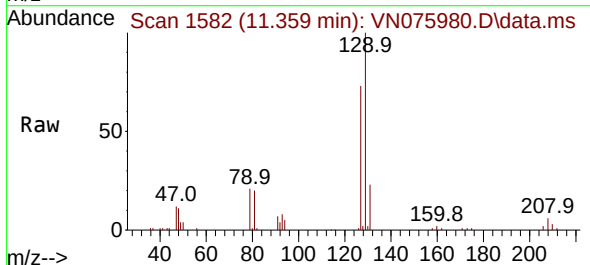
Manual Integrations
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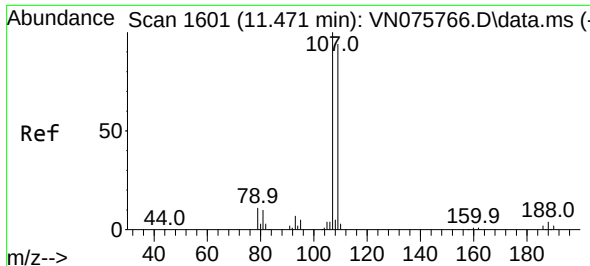
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#60
Dibromochloromethane
Concen: 20.909 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

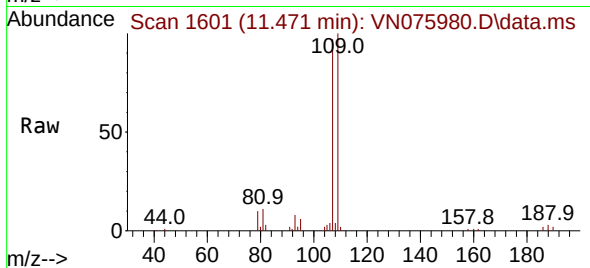
Tgt Ion:129 Resp: 64798
Ion Ratio Lower Upper
129 100
127 78.6 38.3 114.9





#61
1,2-Dibromoethane
Concen: 20.672 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

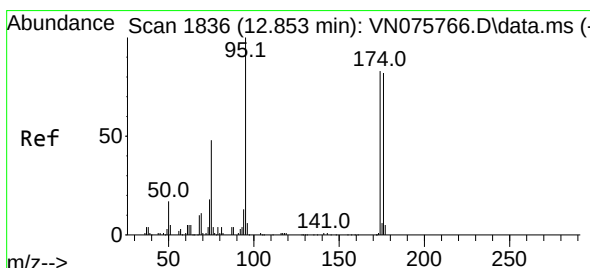
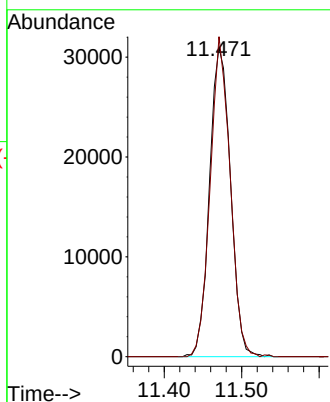
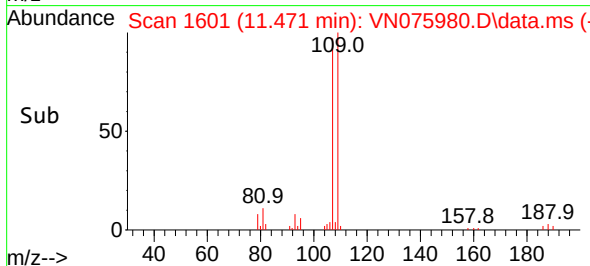
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01



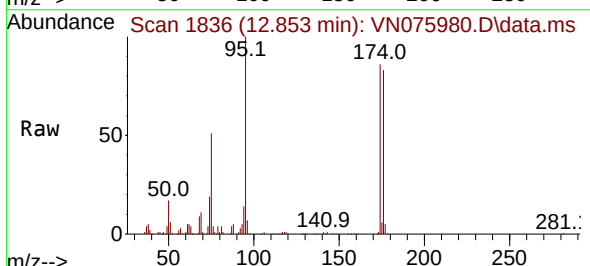
Tgt Ion:107 Resp: 58294
Ion Ratio Lower Upper
107 100
109 98.0 74.8 112.2

Manual Integrations
APPROVED

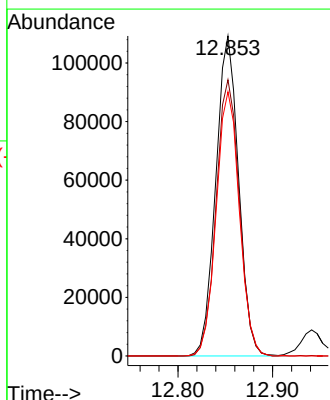
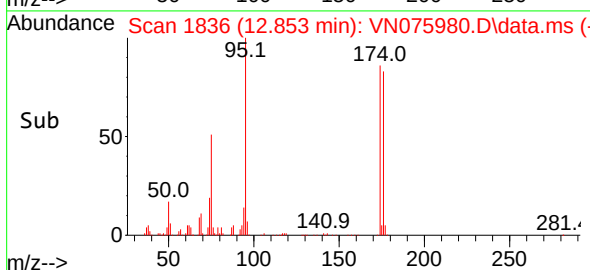
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022

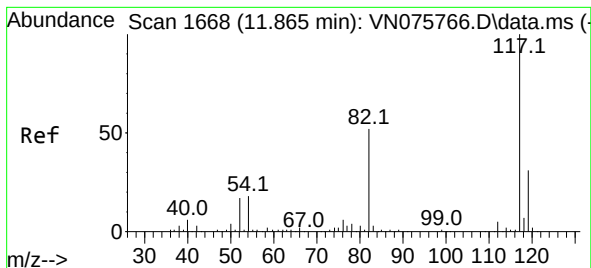


#62
4-Bromofluorobenzene
Concen: 55.621 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59



Tgt Ion: 95 Resp: 183198
Ion Ratio Lower Upper
95 100
174 87.6 0.0 171.6
176 83.8 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1669

Delta R.T. 0.006 min

Lab File: VN075980.D

Acq: 27 Dec 2022 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBSD01

Tgt Ion:117 Resp: 387810

Ion Ratio Lower Upper

117 100

82 51.9 41.3 61.9

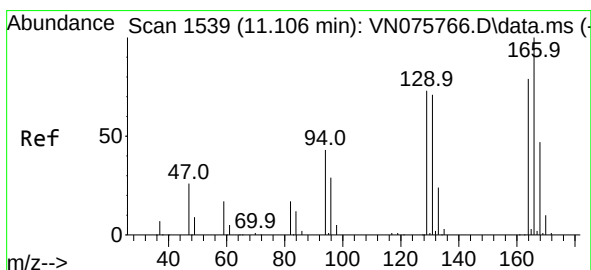
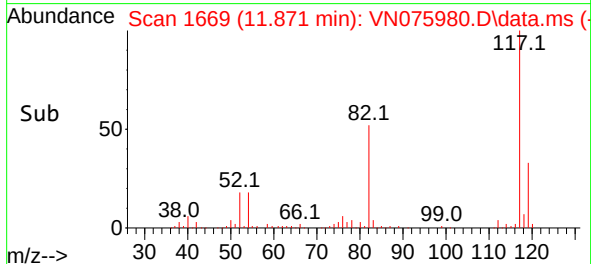
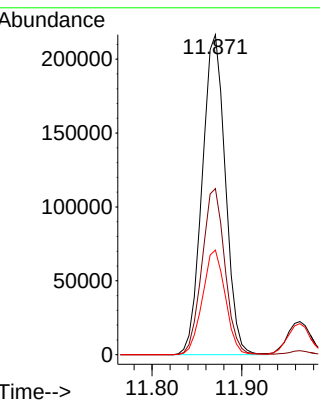
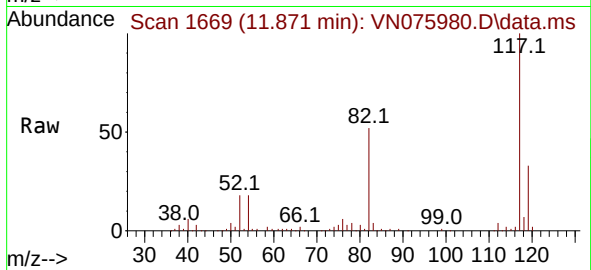
119 32.7 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2022

Supervised By :Mahesh Dadoda 12/28/2022



#64

Tetrachloroethene

Concen: 20.303 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN075980.D

Acq: 27 Dec 2022 11:59

Tgt Ion:164 Resp: 55407

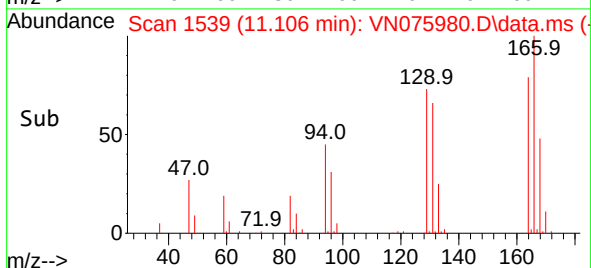
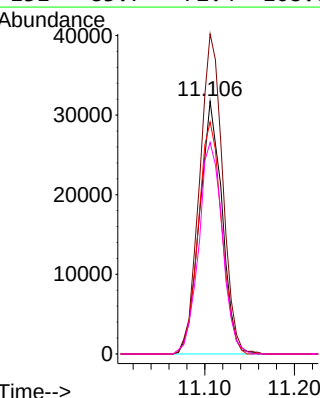
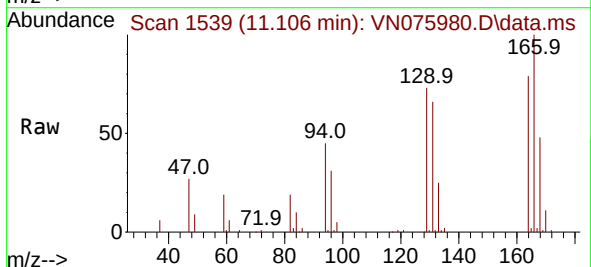
Ion Ratio Lower Upper

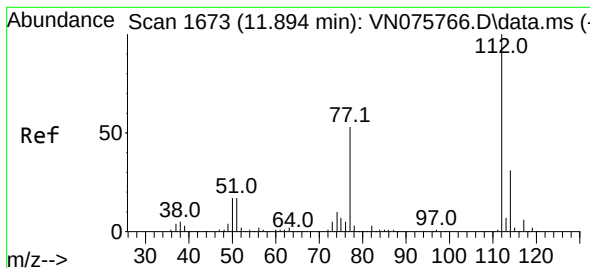
164 100

166 126.6 101.9 152.9

129 91.8 74.2 111.2

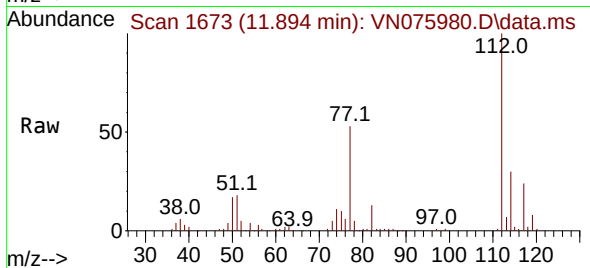
131 83.7 72.4 108.6





#65
Chlorobenzene
Concen: 19.425 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

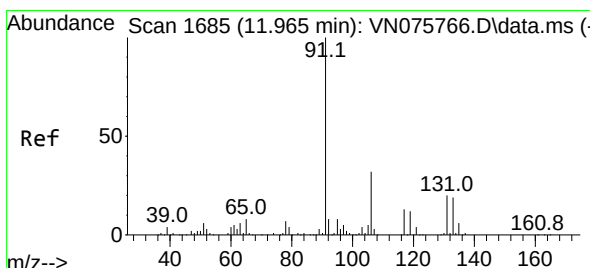
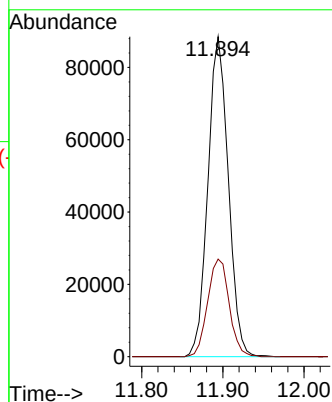
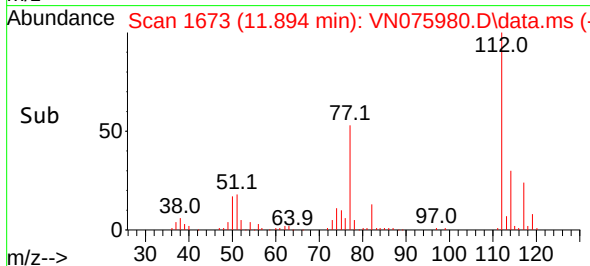
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01



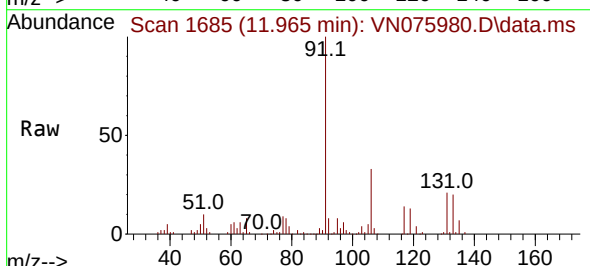
Tgt Ion:112 Resp: 154619
Ion Ratio Lower Upper
112 100
114 30.5 24.7 37.1

Manual Integrations
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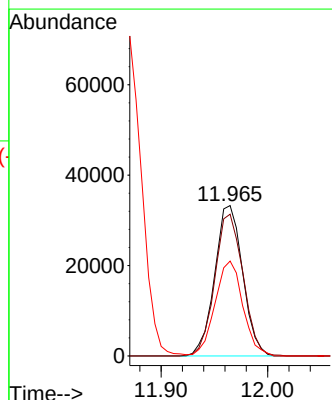
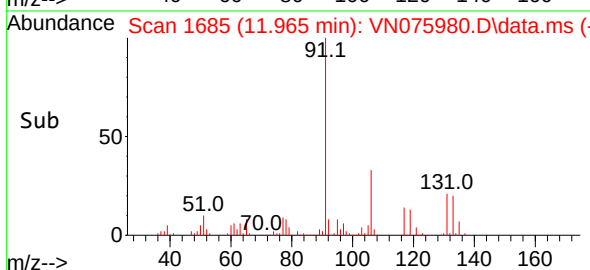
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022

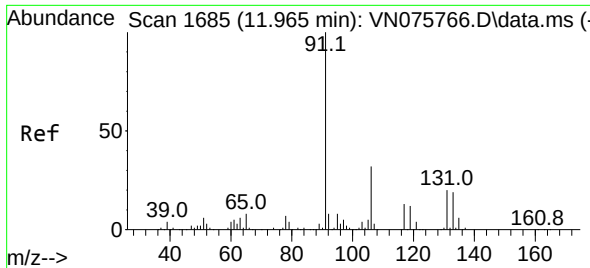


#66
1,1,1,2-Tetrachloroethane
Concen: 20.565 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59



Tgt Ion:131 Resp: 60631
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.5
119 62.8 31.9 95.7





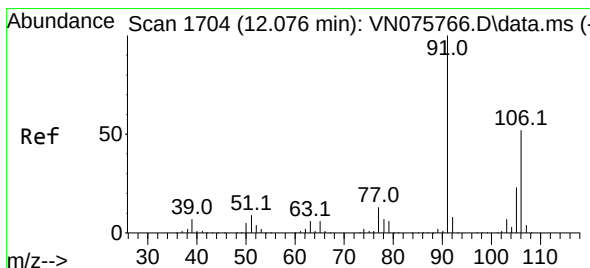
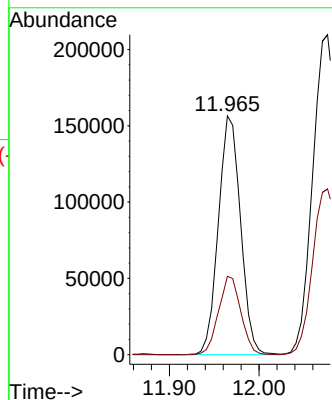
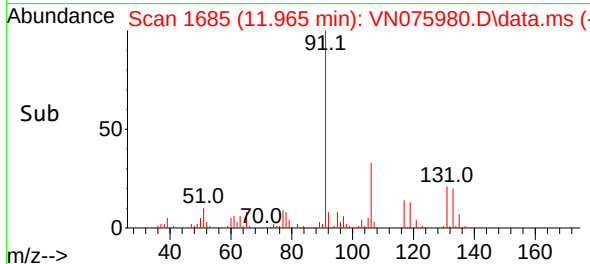
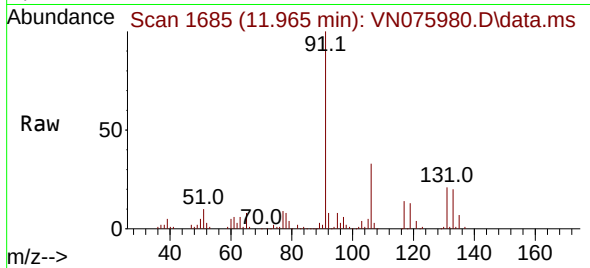
#67
Ethyl Benzene
Concen: 20.013 ug/l
RT: 11.965 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion: 91 Resp: 268854
Ion Ratio Lower Upper
91 100
106 32.8 25.7 38.5

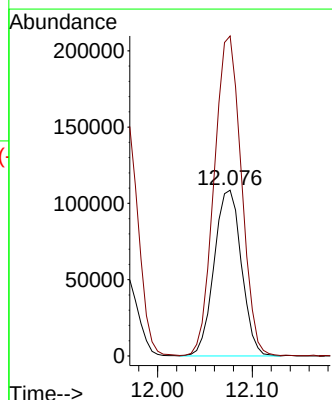
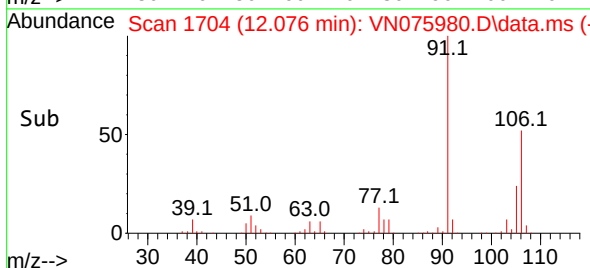
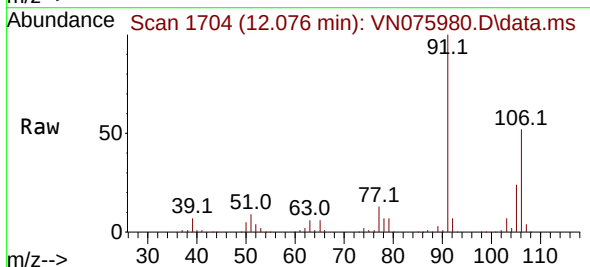
Manual Integrations
APPROVED

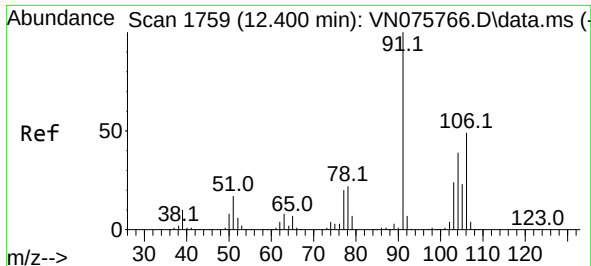
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#68
m/p-Xylenes
Concen: 40.979 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Tgt Ion:106 Resp: 217897
Ion Ratio Lower Upper
106 100
91 192.0 156.6 235.0





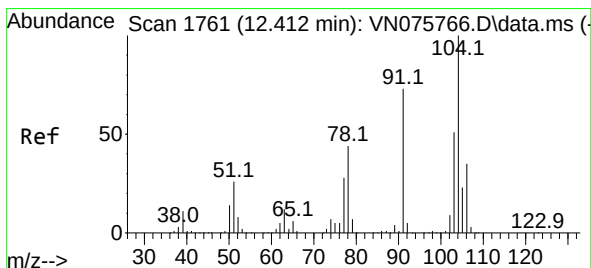
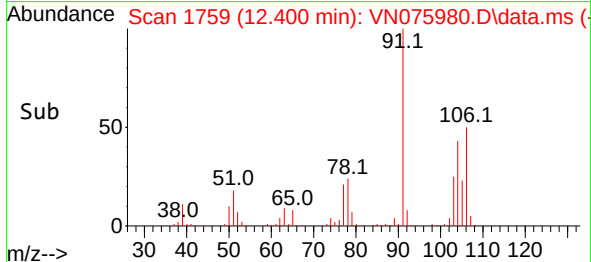
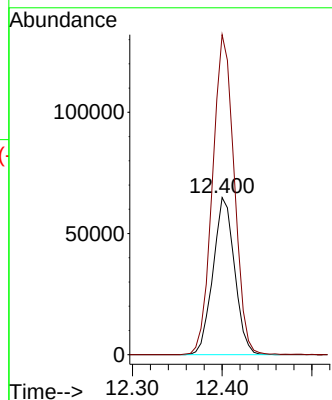
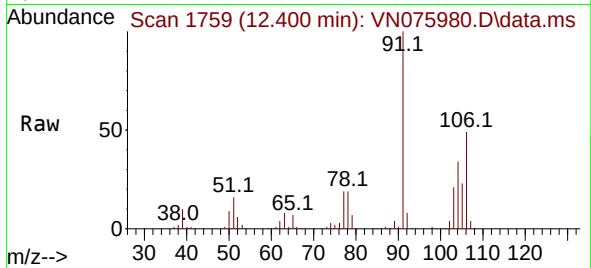
#69
o-Xylene
Concen: 20.584 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion:106 Resp: 10831
Ion Ratio Lower Upper
106 100
91 205.2 103.8 311.6

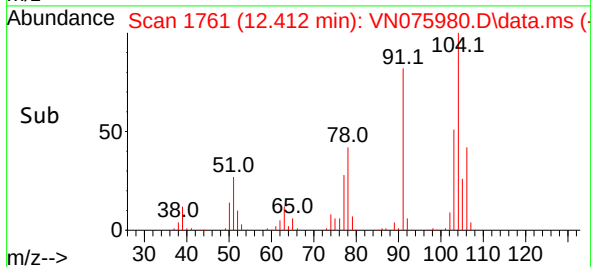
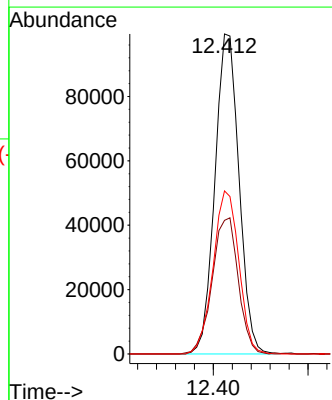
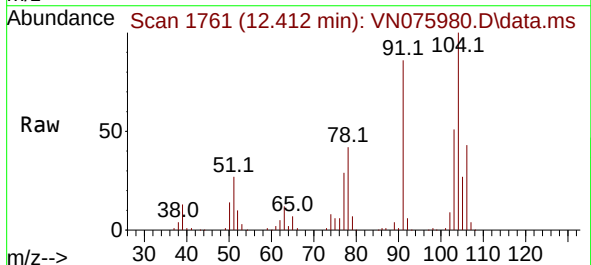
Manual Integrations
APPROVED

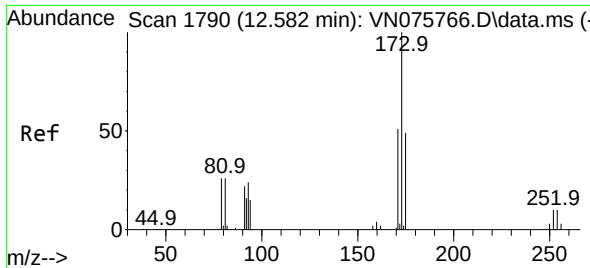
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#70
Styrene
Concen: 21.026 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

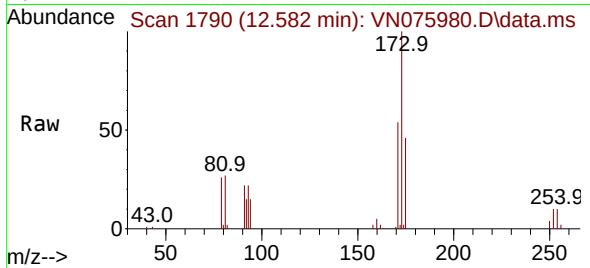
Tgt Ion:104 Resp: 175915
Ion Ratio Lower Upper
104 100
78 46.1 37.5 56.3
103 54.3 43.5 65.3





#71
Bromoform
Concen: 21.662 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

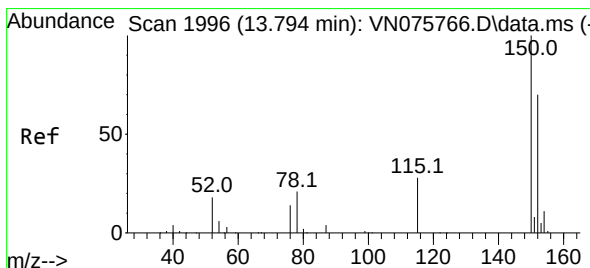
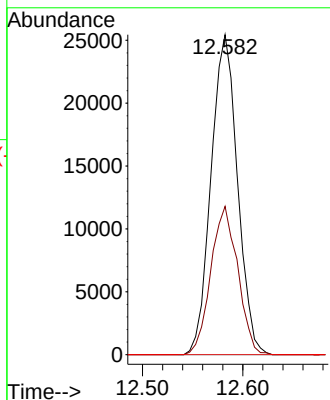
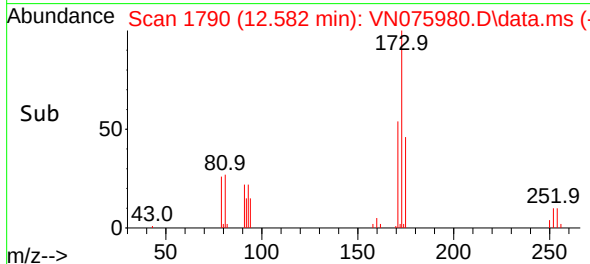
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01



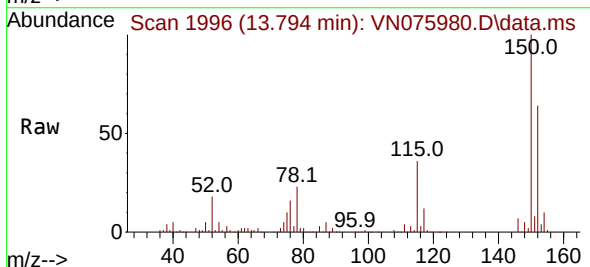
Tgt Ion:173 Resp: 46472
Ion Ratio Lower Upper
173 100
175 47.3 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
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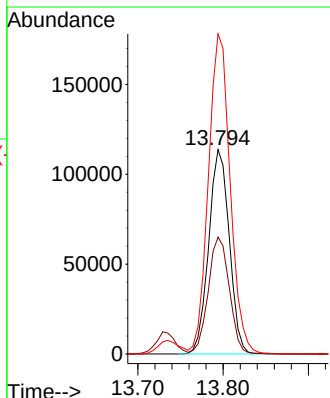
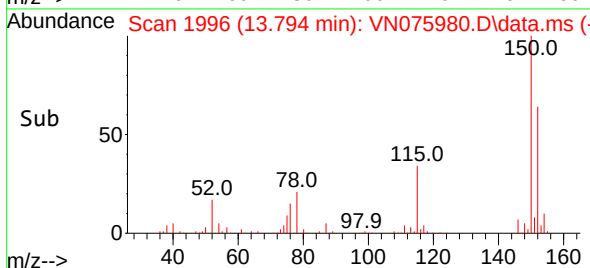
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022

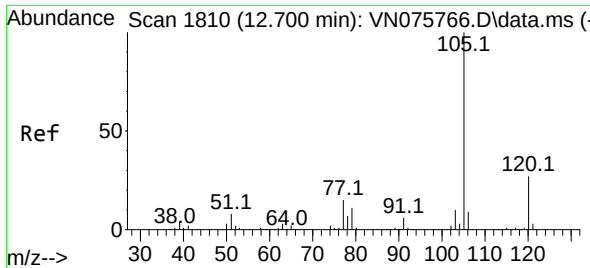


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59



Tgt Ion:152 Resp: 190842
Ion Ratio Lower Upper
152 100
115 58.5 29.1 87.4
150 165.5 0.0 347.0





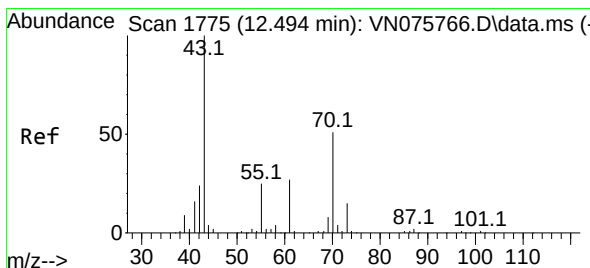
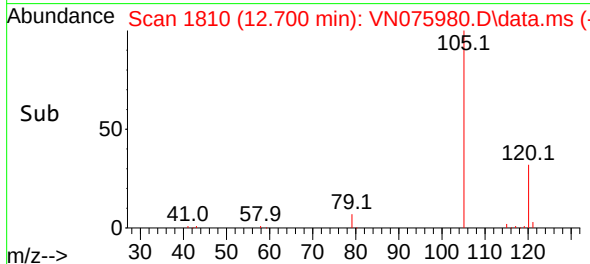
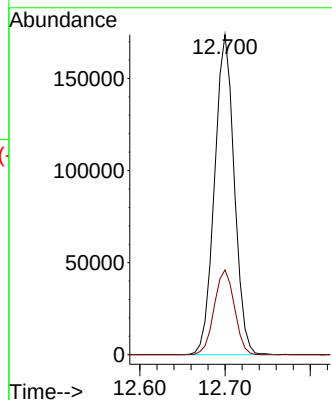
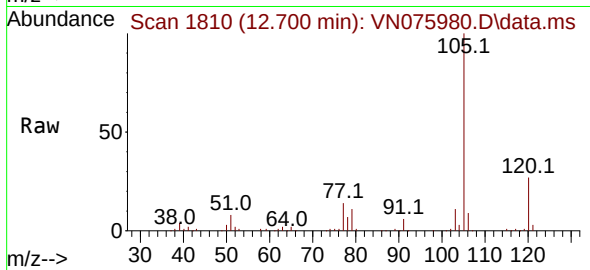
#73
Isopropylbenzene
Concen: 20.289 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion:105 Resp: 279812
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2

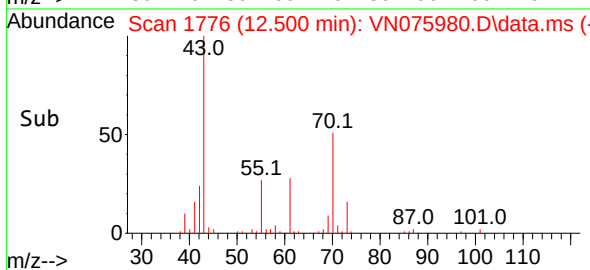
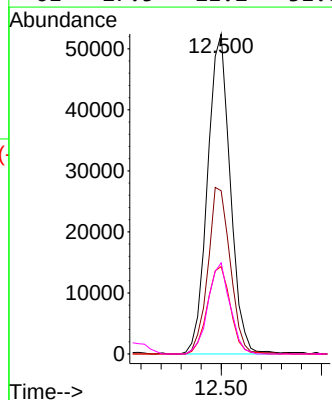
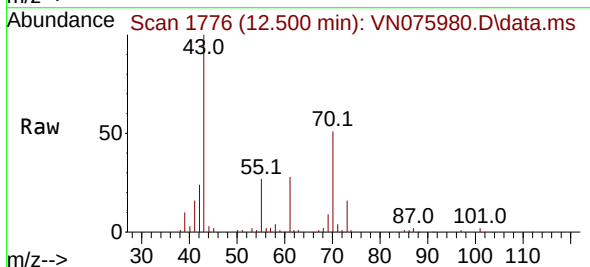
Manual Integrations
APPROVED

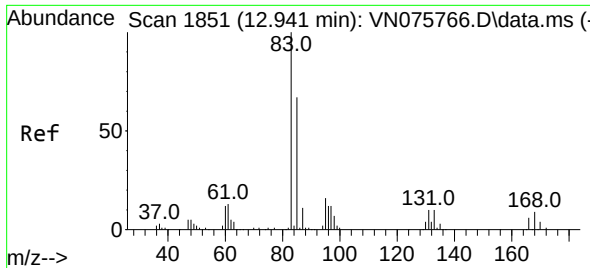
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#74
N-ethyl acetate
Concen: 20.369 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Tgt Ion: 43 Resp: 82411
Ion Ratio Lower Upper
43 100
70 51.3 41.4 62.0
55 27.7 21.3 31.9
61 27.5 21.2 31.8





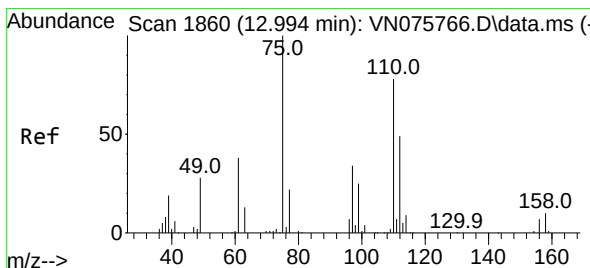
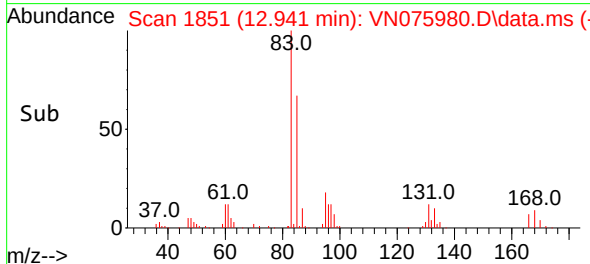
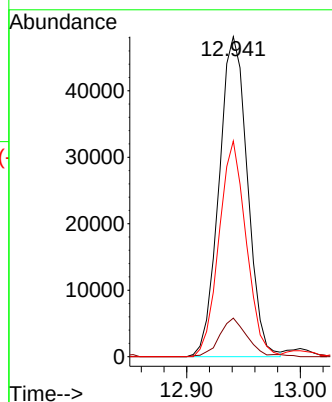
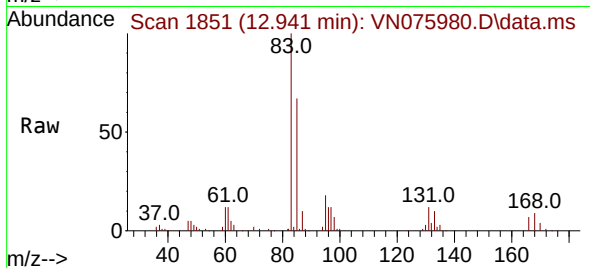
#75
1,1,2,2-Tetrachloroethane
Concen: 19.631 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion: 83 Resp: 8369
Ion Ratio Lower Upper
83 100
131 11.9 5.6 16.8
85 64.5 32.6 98.0

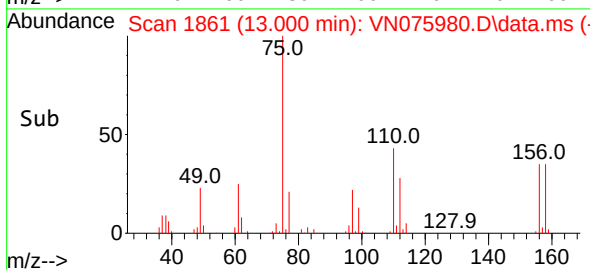
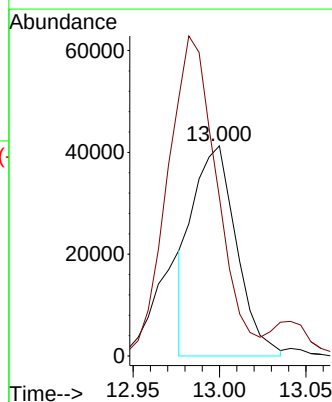
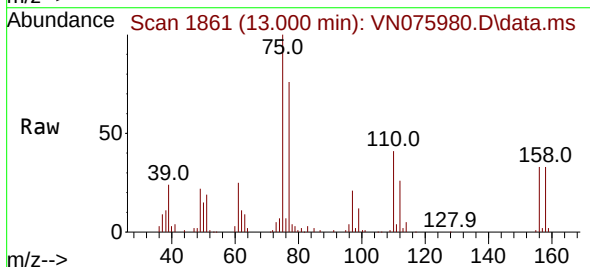
Manual Integrations
APPROVED

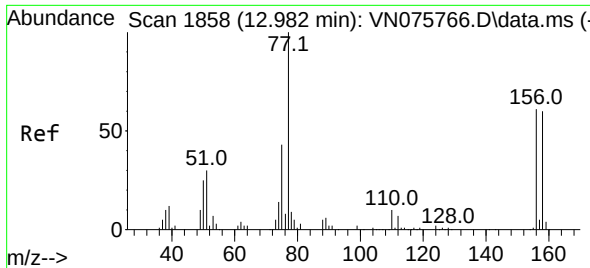
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#76
1,2,3-Trichloropropane
Concen: 18.932 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Tgt Ion: 75 Resp: 72830
Ion Ratio Lower Upper
75 100
77 171.7 82.6 247.8





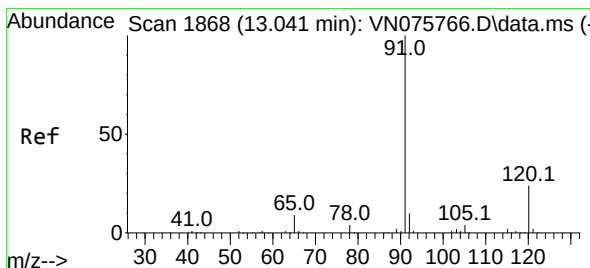
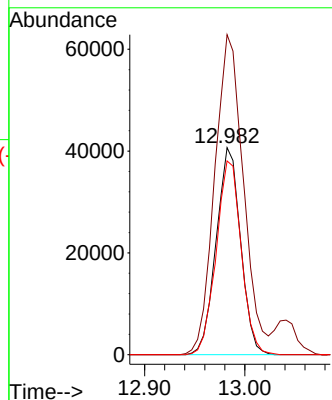
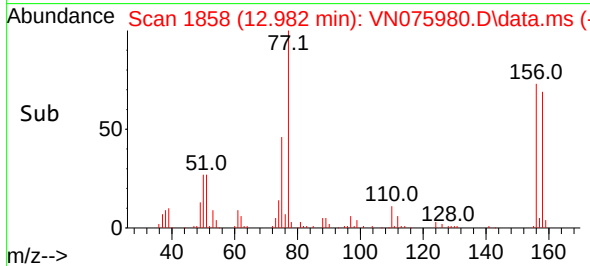
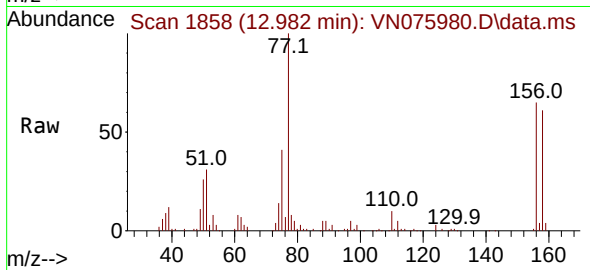
#77
Bromobenzene
Concen: 19.716 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion:156 Resp: 6881
Ion Ratio Lower Upper
156 100
77 181.7 93.8 281.3
158 96.1 48.9 146.6

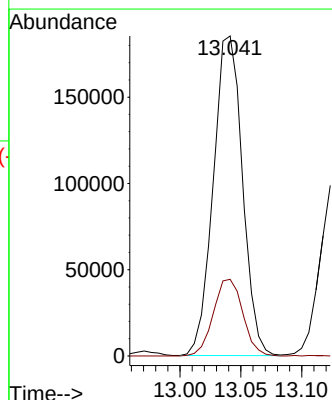
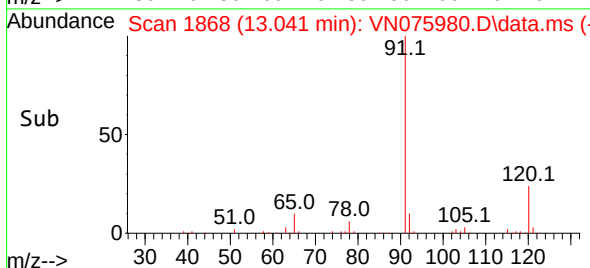
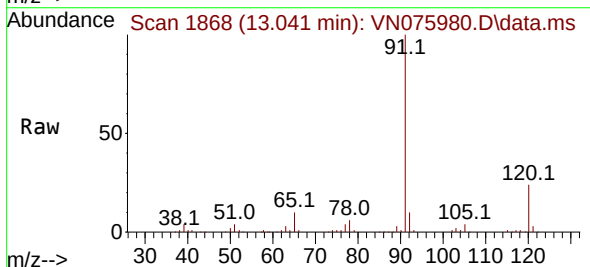
Manual Integrations
APPROVED

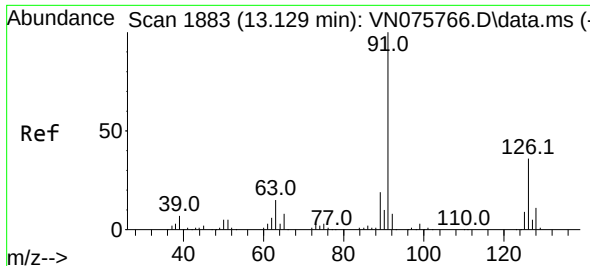
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#78
n-propylbenzene
Concen: 20.320 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Tgt Ion: 91 Resp: 309079
Ion Ratio Lower Upper
91 100
120 24.2 12.0 36.1





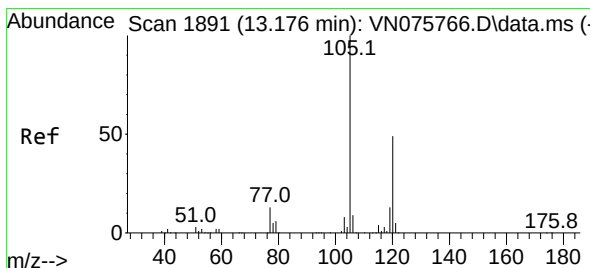
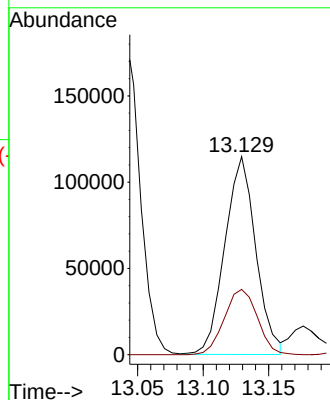
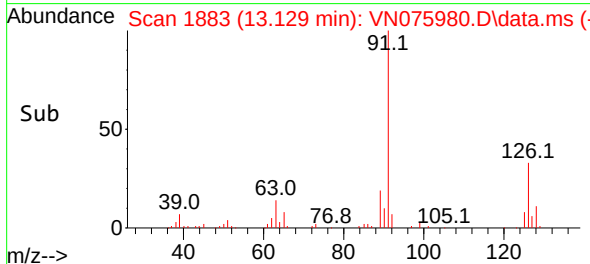
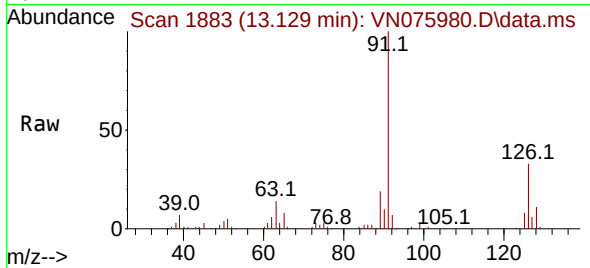
#79
2-Chlorotoluene
Concen: 19.838 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion: 91 Resp: 18836
Ion Ratio Lower Upper
91 100
126 35.2 17.5 52.5

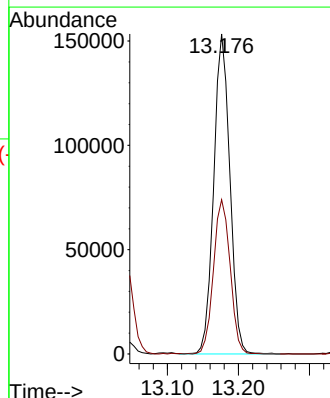
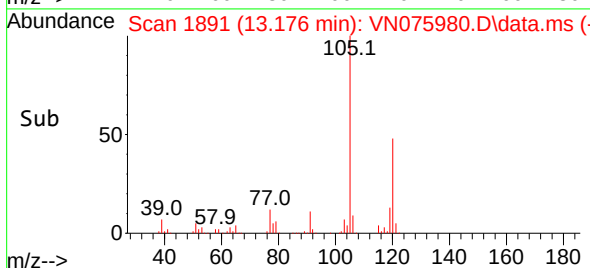
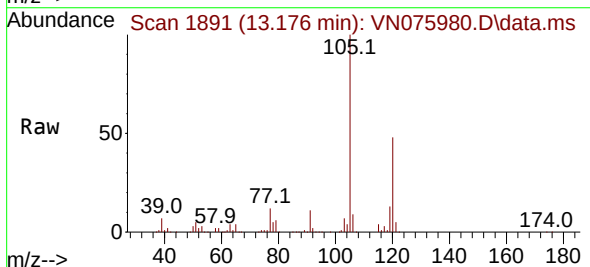
Manual Integrations
APPROVED

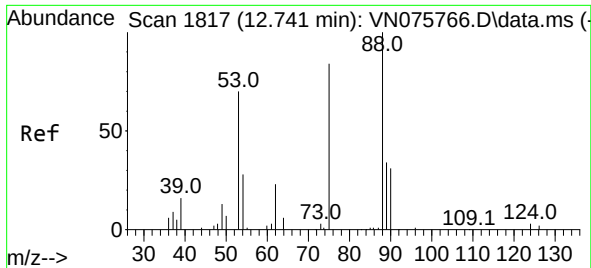
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.977 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

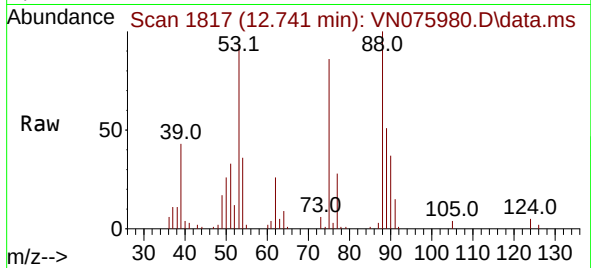
Tgt Ion:105 Resp: 242128
Ion Ratio Lower Upper
105 100
120 49.7 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 20.793 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

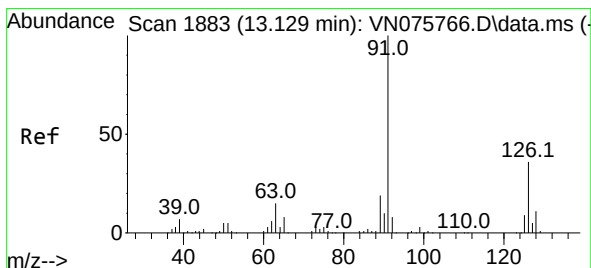
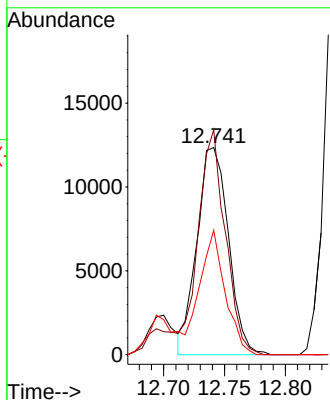
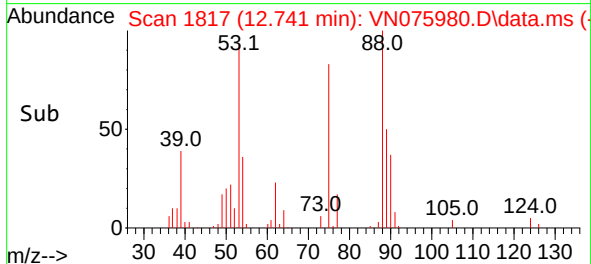
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01



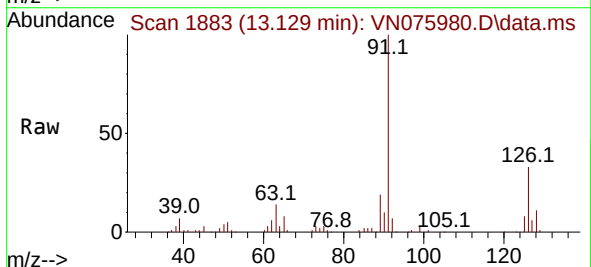
Tgt Ion: 75 Resp: 2222
Ion Ratio Lower Upper
75 100
53 93.1 73.8 110.6
89 48.1 39.5 59.3

Manual Integrations
APPROVED

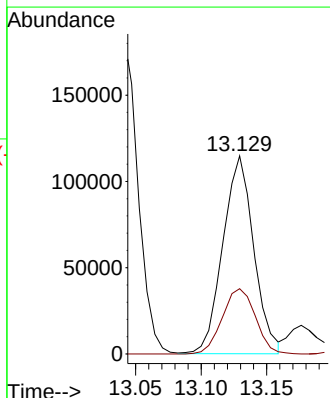
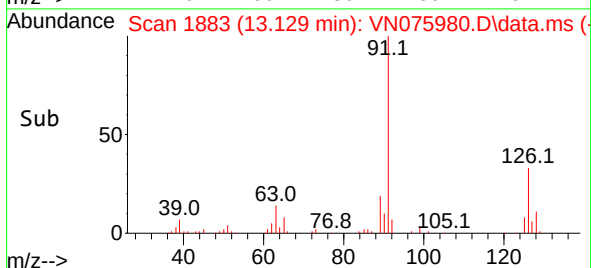
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022

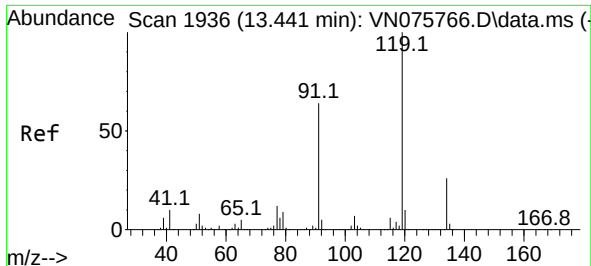


#82
4-Chlorotoluene
Concen: 19.838 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59



Tgt Ion: 91 Resp: 188367
Ion Ratio Lower Upper
91 100
126 35.2 17.5 52.5





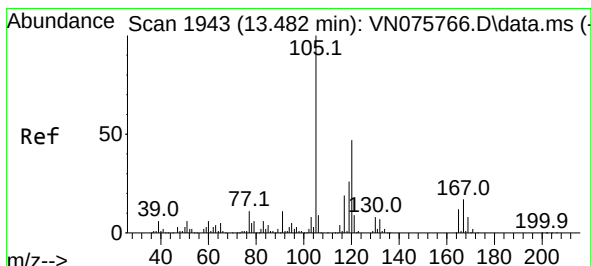
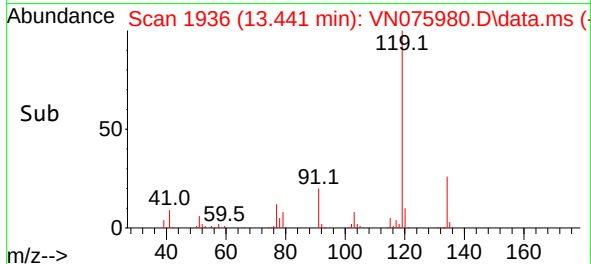
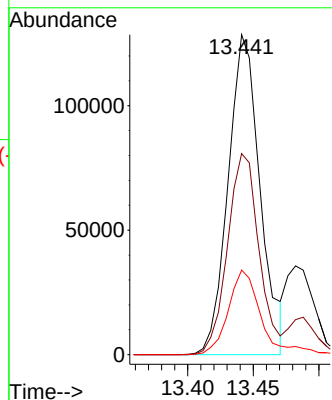
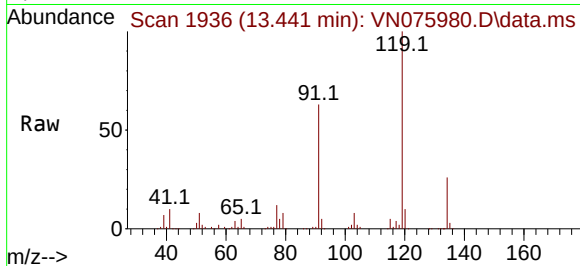
#83
tert-Butylbenzene
Concen: 21.395 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01

Tgt Ion:119 Resp: 21773
Ion Ratio Lower Upper
119 100
91 62.0 31.9 95.5
134 27.2 13.8 41.4

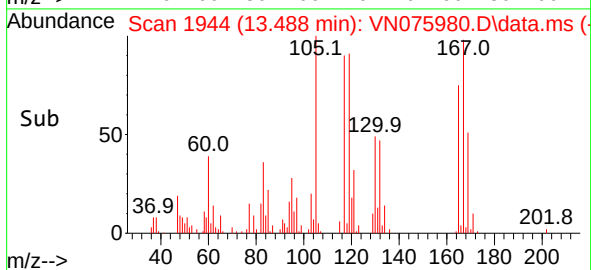
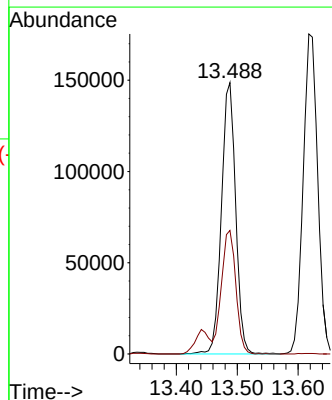
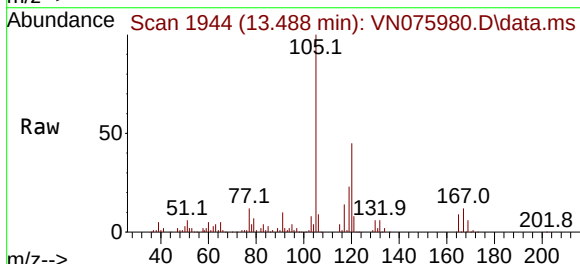
Manual Integrations
APPROVED

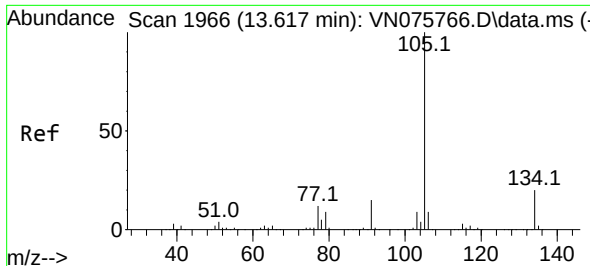
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#84
1,2,4-Trimethylbenzene
Concen: 21.054 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

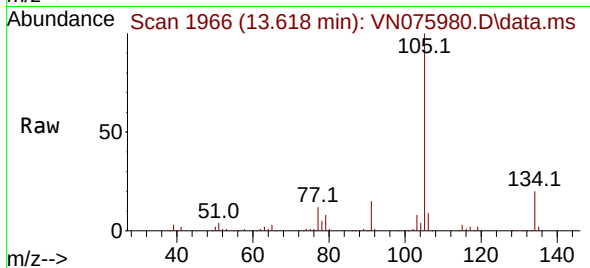
Tgt Ion:105 Resp: 241076
Ion Ratio Lower Upper
105 100
120 46.2 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 20.672 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075980.D
 Acq: 27 Dec 2022 11:59

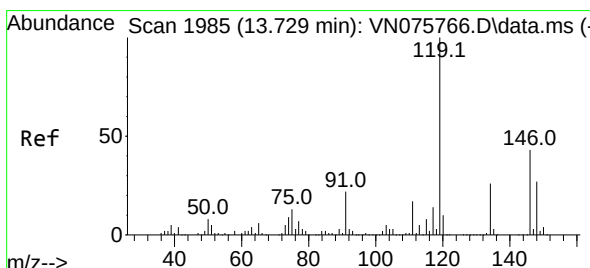
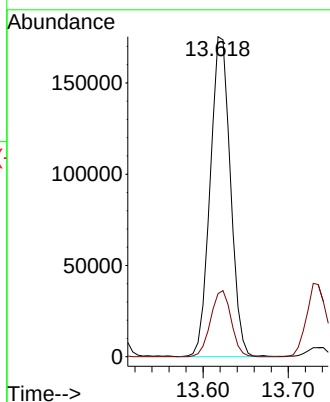
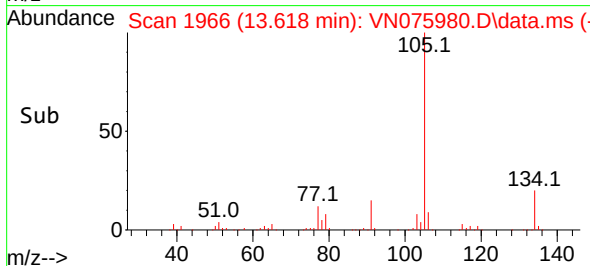
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1227WBSD01



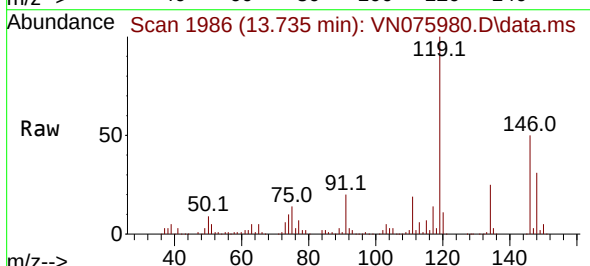
Tgt Ion:105 Resp: 290369
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.1 30.1

Manual Integrations
 APPROVED

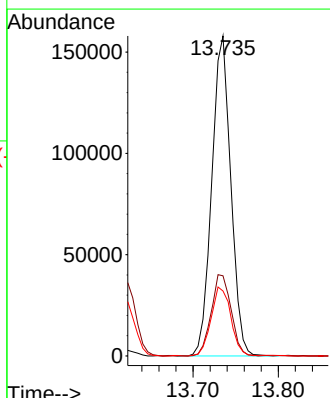
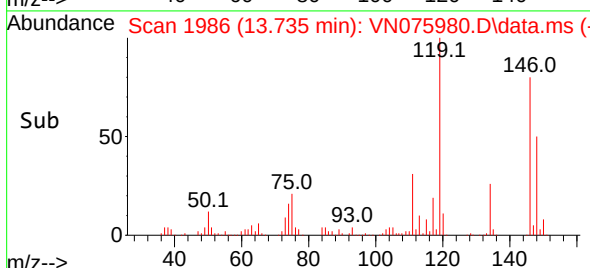
Reviewed By :John Carlone 12/28/2022
 Supervised By :Mahesh Dadoda 12/28/2022

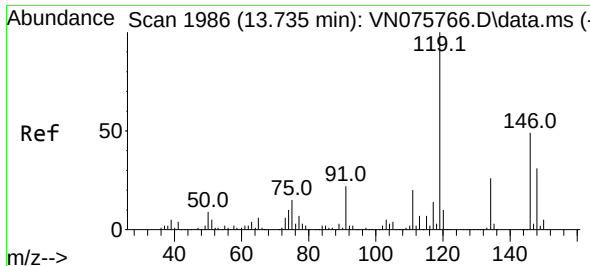


#86
 p-Isopropyltoluene
 Concen: 20.977 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075980.D
 Acq: 27 Dec 2022 11:59



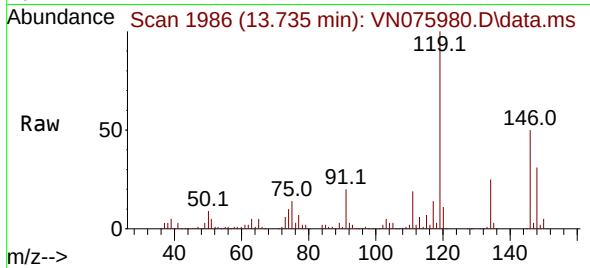
Tgt Ion:119 Resp: 245174
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.0 39.0
 91 22.4 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 20.234 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

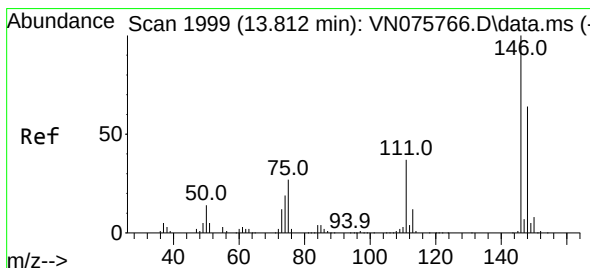
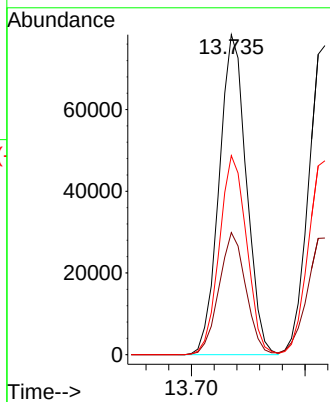
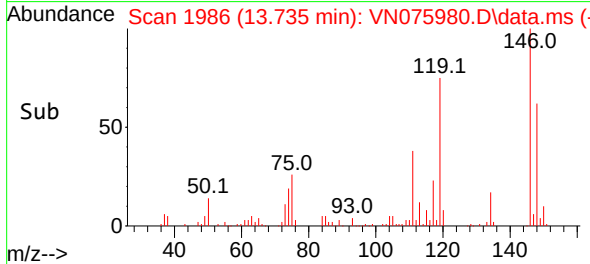
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01



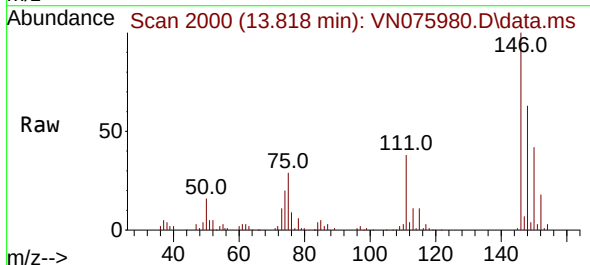
Tgt Ion:146 Resp: 13044
Ion Ratio Lower Upper
146 100
111 37.7 19.7 59.0
148 62.3 31.4 94.2

Manual Integrations
APPROVED

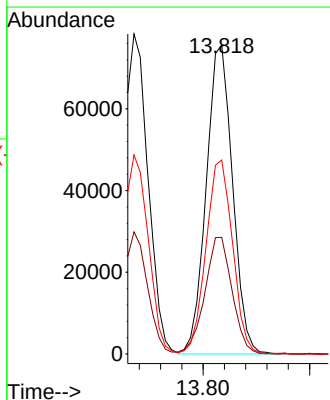
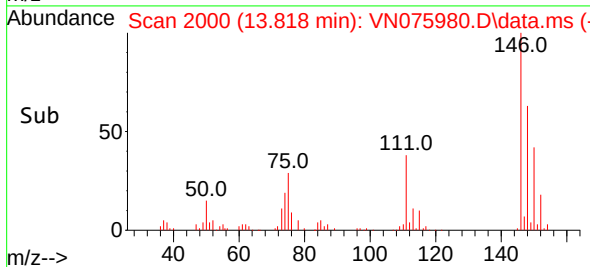
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022

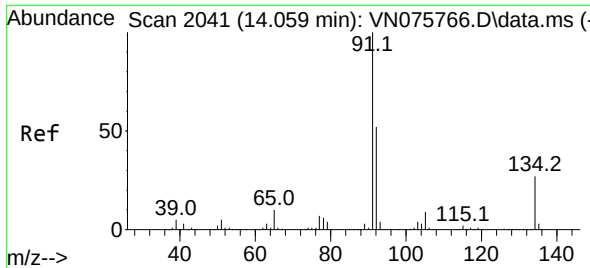


#88
1,4-Dichlorobenzene
Concen: 19.725 ug/l
RT: 13.818 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59



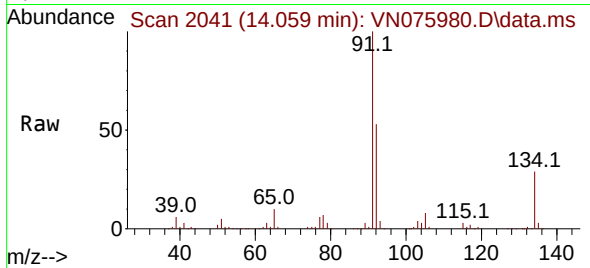
Tgt Ion:146 Resp: 129912
Ion Ratio Lower Upper
146 100
111 39.1 19.1 57.1
148 62.9 32.0 96.2





#89
n-Butylbenzene
Concen: 19.918 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

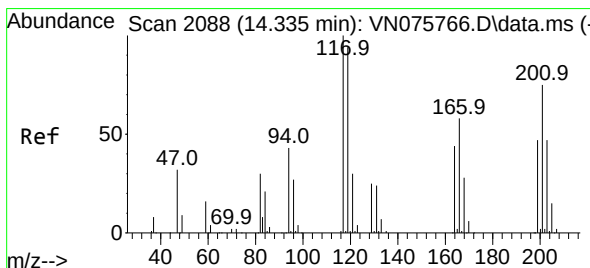
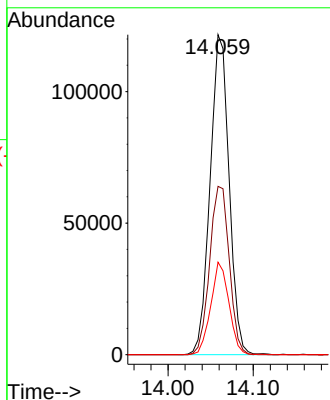
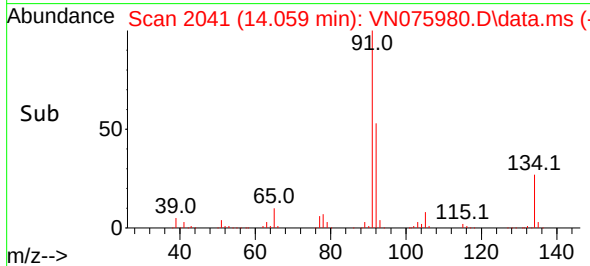
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01



Tgt Ion: 91 Resp: 18859
Ion Ratio Lower Upper
91 100
92 54.3 26.4 79.2
134 27.7 13.4 40.2

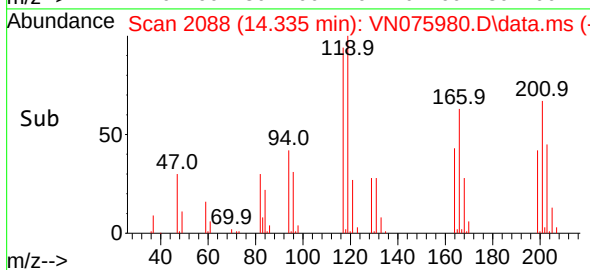
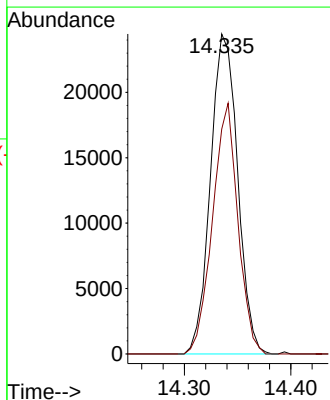
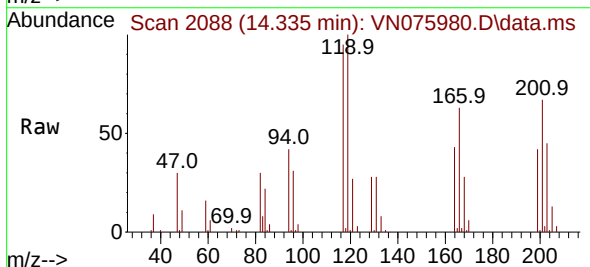
Manual Integrations
APPROVED

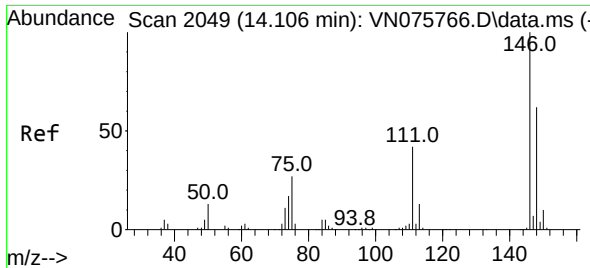
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#90
Hexachloroethane
Concen: 20.732 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

Tgt Ion:117 Resp: 43344
Ion Ratio Lower Upper
117 100
201 73.1 38.0 114.1





#91

1,2-Dichlorobenzene

Concen: 20.262 ug/l

RT: 14.112 min Scan# 2049

Delta R.T. 0.006 min

Lab File: VN075980.D

Acq: 27 Dec 2022 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBSD01

Tgt Ion:146 Resp: 12866

Ion Ratio Lower Upper

146 100

111 39.1 20.3 61.0

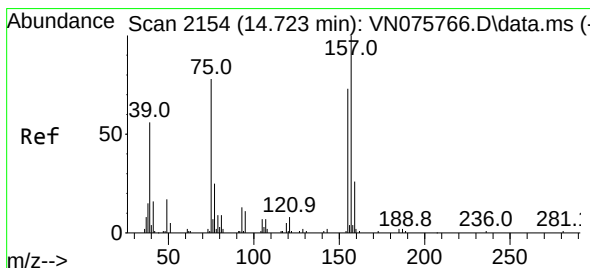
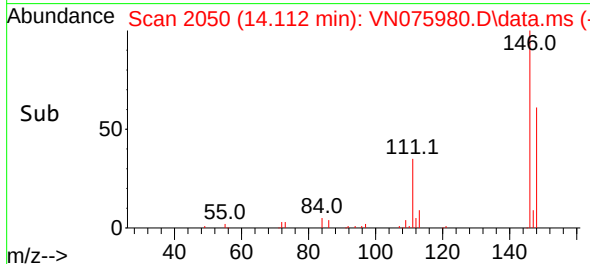
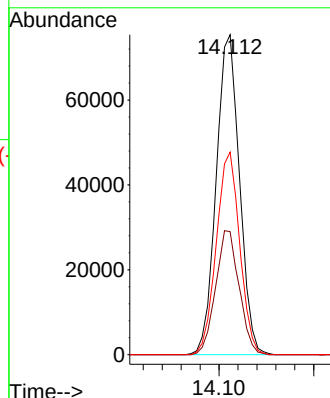
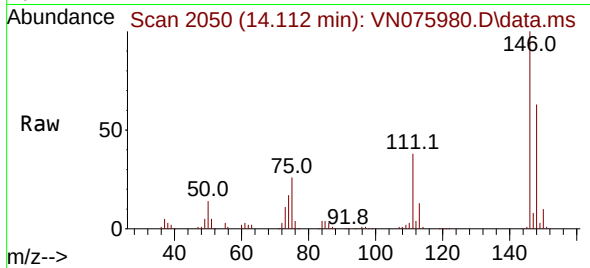
148 63.6 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2022

Supervised By :Mahesh Dadoda 12/28/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.303 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.000 min

Lab File: VN075980.D

Acq: 27 Dec 2022 11:59

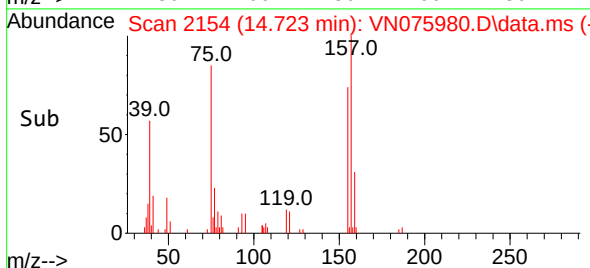
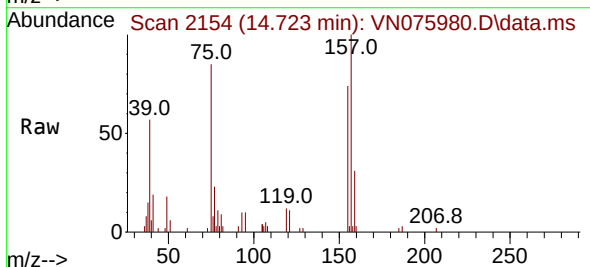
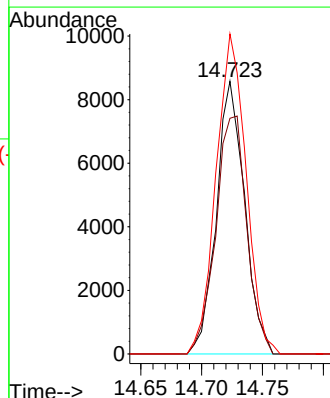
Tgt Ion: 75 Resp: 13846

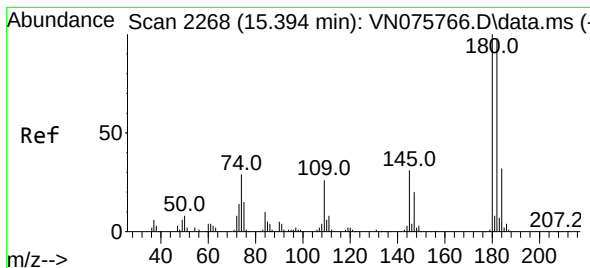
Ion Ratio Lower Upper

75 100

155 95.3 49.3 147.8

157 124.8 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 19.724 ug/l

RT: 15.400 min Scan# 2269

Delta R.T. 0.006 min

Lab File: VN075980.D

Acq: 27 Dec 2022 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN1227WBSD01

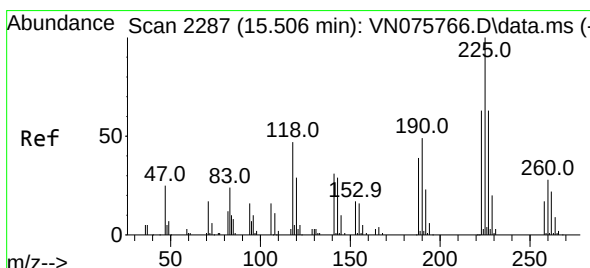
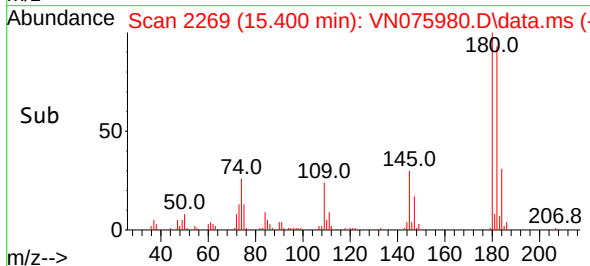
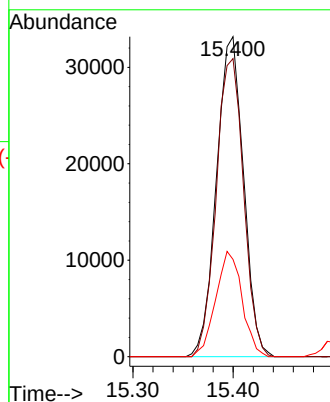
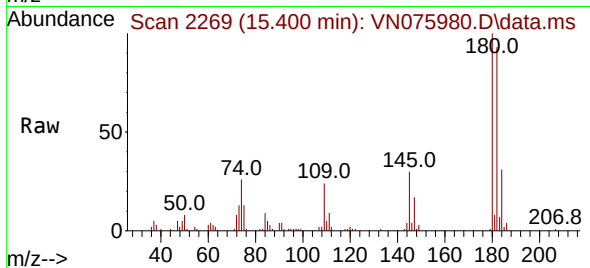
Tgt Ion:180	Resp:	6201
Ion Ratio	Lower	Upper
180	100	
182	94.1	47.5 142.5
145	32.1	15.3 45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2022

Supervised By :Mahesh Dadoda 12/28/2022



#94

Hexachlorobutadiene

Concen: 19.485 ug/l

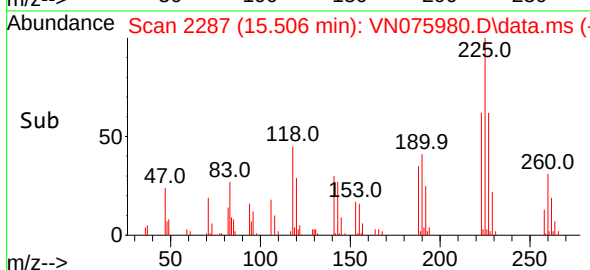
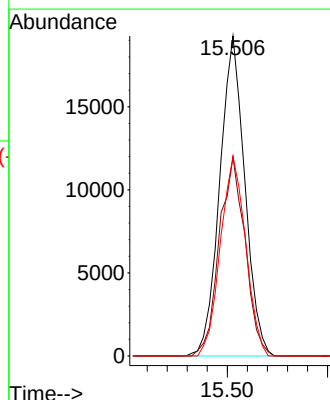
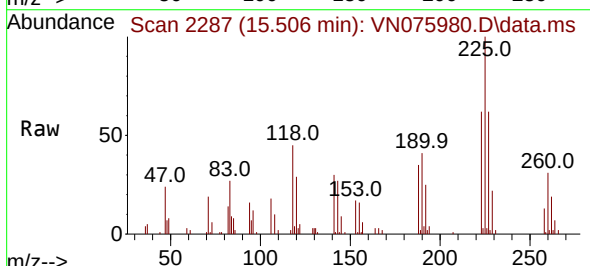
RT: 15.506 min Scan# 2287

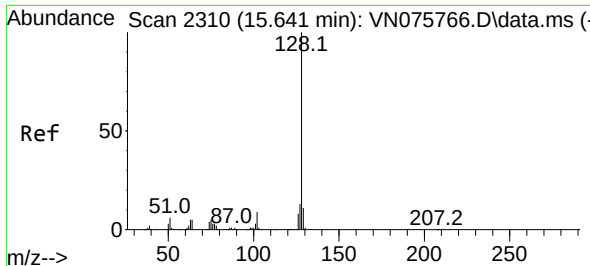
Delta R.T. 0.000 min

Lab File: VN075980.D

Acq: 27 Dec 2022 11:59

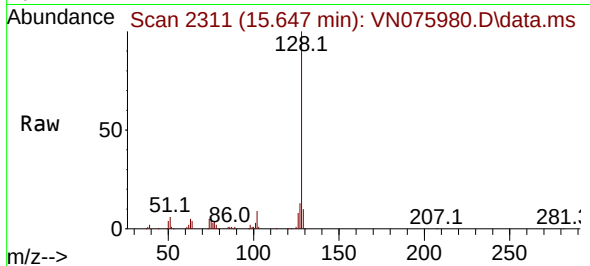
Tgt Ion:225	Resp:	33422
Ion Ratio	Lower	Upper
225	100	
223	64.0	31.5 94.5
227	62.7	31.6 95.0





#95
Naphthalene
Concen: 18.796 ug/l
RT: 15.647 min Scan# 2310
Delta R.T. 0.006 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59

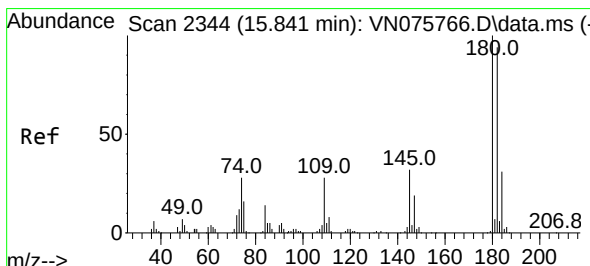
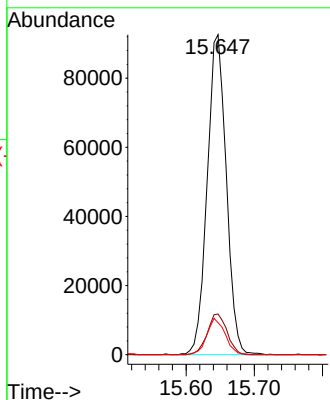
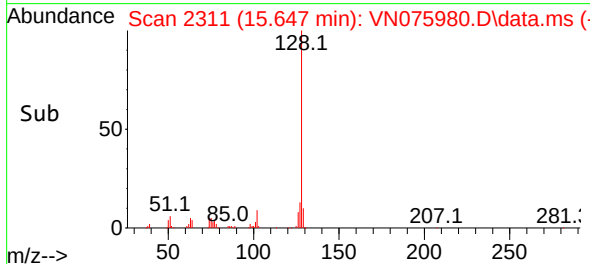
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBSD01



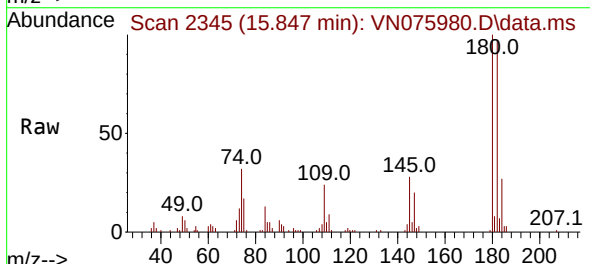
Tgt Ion:128 Resp: 180460
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.701 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN075980.D
Acq: 27 Dec 2022 11:59



Tgt Ion:180 Resp: 60830
Ion Ratio Lower Upper
180 100
182 93.0 47.0 141.0
145 30.0 16.0 47.9

