

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN12222\
 Data File : VN075939.D
 Acq On : 22 Dec 2022 12:51
 Operator : JC\MD
 Sample : VN1222WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/27/2022
 Supervised By :Mahesh Dadoda 12/27/2022

Quant Time: Dec 23 04:00:12 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	271281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	434252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	392885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	184706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	156352	52.978	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.960%			
35) Dibromofluoromethane	8.171	113	141782	52.722	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.440%			
50) Toluene-d8	10.571	98	527280	52.440	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.880%			
62) 4-Bromofluorobenzene	12.853	95	176389	52.965	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	33745	17.519	ug/l	94
3) Chloromethane	2.371	50	42604	17.787	ug/l	97
4) Vinyl Chloride	2.524	62	50185	17.565	ug/l	98
5) Bromomethane	2.971	94	42369	17.449	ug/l	98
6) Chloroethane	3.136	64	38022	17.971	ug/l	99
7) Trichlorofluoromethane	3.512	101	81603	18.823	ug/l	100
8) Diethyl Ether	3.977	74	32204	20.338	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.389	101	48463	19.577	ug/l	97
10) Methyl Iodide	4.606	142	71518	17.801	ug/l #	95
11) Tert butyl alcohol	5.542	59	40747	97.573	ug/l	96
12) 1,1-Dichloroethene	4.353	96	44741	18.608	ug/l	97
13) Acrolein	4.195	56	70099	136.921	ug/l	100
14) Allyl chloride	5.036	41	52092	18.534	ug/l	90
15) Acrylonitrile	5.736	53	115574	101.415	ug/l	98
16) Acetone	4.448	43	99711	98.009	ug/l	100
17) Carbon Disulfide	4.730	76	94747	16.276	ug/l	98
18) Methyl Acetate	5.048	43	61469	20.440	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	163939	20.706	ug/l	95
20) Methylene Chloride	5.289	84	52593	18.927	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	49999	18.988	ug/l	86
22) Diisopropyl ether	6.683	45	142143	20.818	ug/l	99
23) Vinyl Acetate	6.618	43	470776	102.440	ug/l	99
24) 1,1-Dichloroethane	6.577	63	87975	19.320	ug/l	99
25) 2-Butanone	7.494	43	148086	103.957	ug/l	99
26) 2,2-Dichloropropane	7.500	77	75780	19.651	ug/l	95
27) cis-1,2-Dichloroethene	7.494	96	60048	19.068	ug/l	95
28) Bromochloromethane	7.818	49	40072	20.078	ug/l	100
29) Tetrahydrofuran	7.847	42	94357	105.699	ug/l	98
30) Chloroform	7.971	83	99442	19.396	ug/l	95
31) Cyclohexane	8.265	56	76455	18.088	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	87409	19.231	ug/l	94
36) 1,1-Dichloropropene	8.377	75	69256	19.386	ug/l	99
37) Ethyl Acetate	7.571	43	57051	19.882	ug/l	98
38) Carbon Tetrachloride	8.371	117	77648	19.420	ug/l	96
39) Methylcyclohexane	9.606	83	85702	19.885	ug/l	97
40) Benzene	8.612	78	215656	19.566	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	30042	20.141	ug/l	95
42) 1,2-Dichloroethane	8.677	62	74348	20.289	ug/l	100
43) Isopropyl Acetate	8.694	43	99364	20.992	ug/l	99
44) Trichloroethene	9.359	130	58415	18.812	ug/l	99
45) 1,2-Dichloropropane	9.630	63	53695	20.019	ug/l	99
46) Dibromomethane	9.712	93	39560	19.886	ug/l	99
47) Bromodichloromethane	9.894	83	78708	20.175	ug/l	96
48) Methyl methacrylate	9.682	41	46123	21.634	ug/l	99
49) 1,4-Dioxane	9.700	88	22297	425.418	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	308168	107.653	ug/l	100
52) Toluene	10.635	92	144152	20.081	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	76348	19.992	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	85393	20.366	ug/l	98
55) 1,1,2-Trichloroethane	11.024	97	56759	20.145	ug/l	99
56) Ethyl methacrylate	10.877	69	79884	21.345	ug/l	98
57) 1,3-Dichloropropane	11.171	76	93797	20.295	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	109713	92.076	ug/l	98
59) 2-Hexanone	11.200	43	222653	106.654	ug/l	99
60) Dibromochloromethane	11.365	129	63933	20.404	ug/l	100
61) 1,2-Dibromoethane	11.471	107	57882	20.300	ug/l	97
64) Tetrachloroethene	11.106	164	58833	21.281	ug/l	98
65) Chlorobenzene	11.894	112	157139	19.487	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	61504	20.592	ug/l	96
67) Ethyl Benzene	11.965	91	266435	19.577	ug/l	98
68) m/p-Xylenes	12.076	106	216043	40.106	ug/l	97
69) o-Xylene	12.400	106	104929	19.684	ug/l	100
70) Styrene	12.412	104	171949	20.287	ug/l	99
71) Bromoform	12.582	173	45035	20.721	ug/l #	99
73) Isopropylbenzene	12.700	105	275874	20.668	ug/l	100
74) N-amyl acetate	12.494	43	81218	20.741	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	80989	19.628	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	62989m	16.918	ug/l	
77) Bromobenzene	12.982	156	65351	19.346	ug/l	98
78) n-propylbenzene	13.041	91	306229	20.801	ug/l	99
79) 2-Chlorotoluene	13.129	91	187852	20.441	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	233884	20.936	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	20873	20.179	ug/l	94
82) 4-Chlorotoluene	13.129	91	187852	20.441	ug/l	100
83) tert-Butylbenzene	13.441	119	210634	21.385	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	233809	21.097	ug/l	100
85) sec-Butylbenzene	13.618	105	286430	21.069	ug/l	99
86) p-Isopropyltoluene	13.735	119	237625	21.007	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	126146	20.216	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	122633	19.238	ug/l	99
89) n-Butylbenzene	14.059	91	185146	20.203	ug/l	100
90) Hexachloroethane	14.341	117	40882	20.204	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	124202	20.208	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14155	19.333	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	62427	20.516	ug/l	99
94) Hexachlorobutadiene	15.506	225	34701	20.903	ug/l	96
95) Naphthalene	15.641	128	188101	20.075	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	61763	21.717	ug/l	98

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

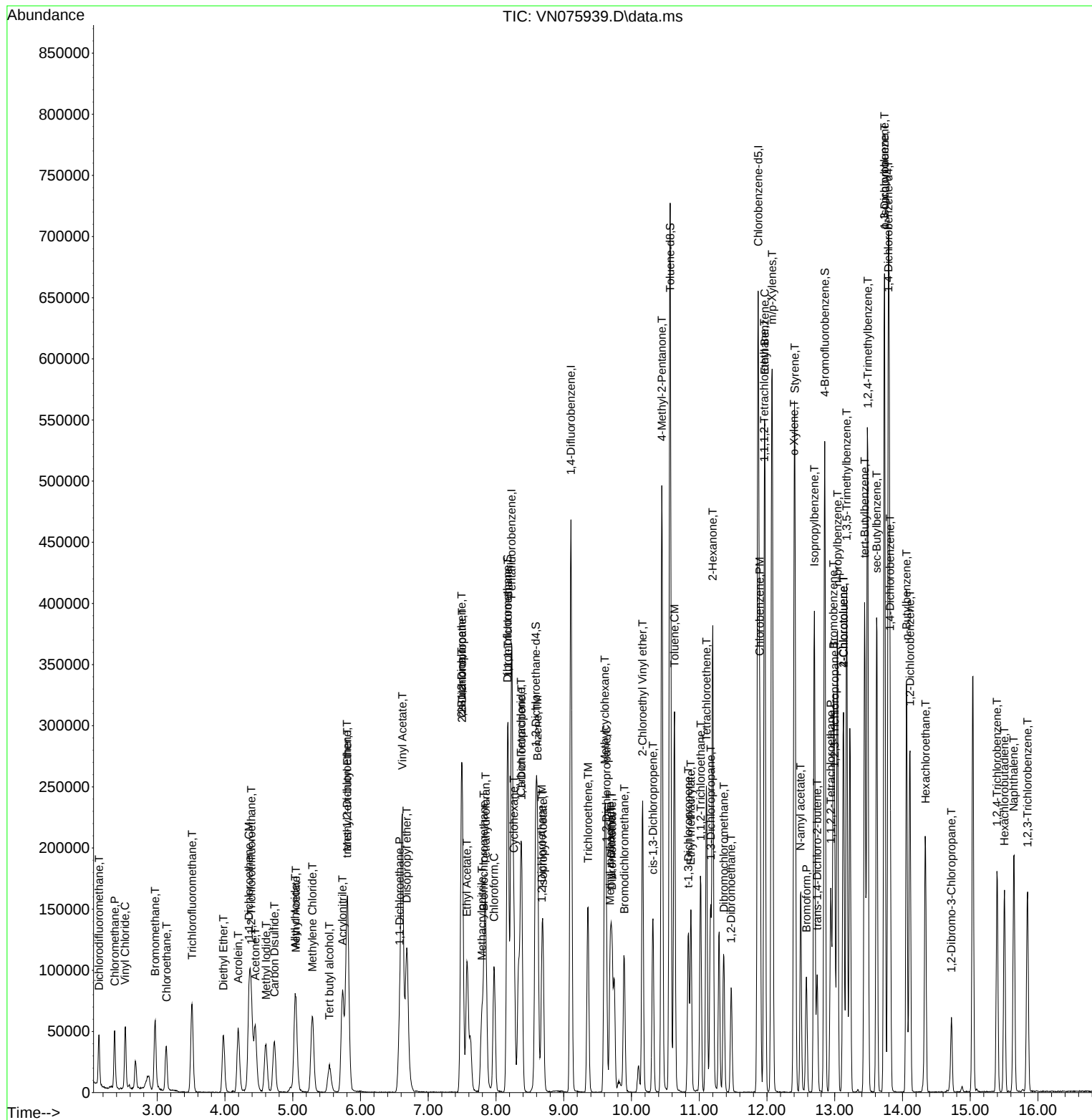
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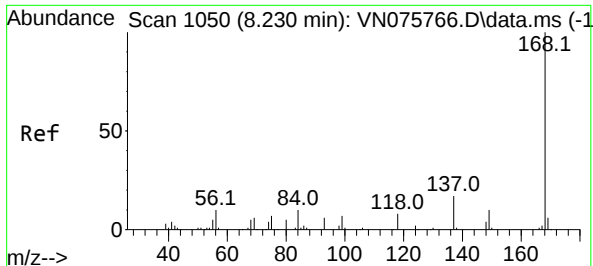
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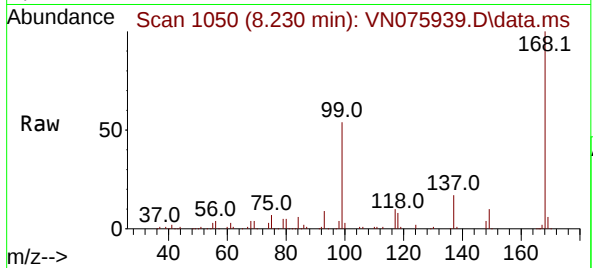
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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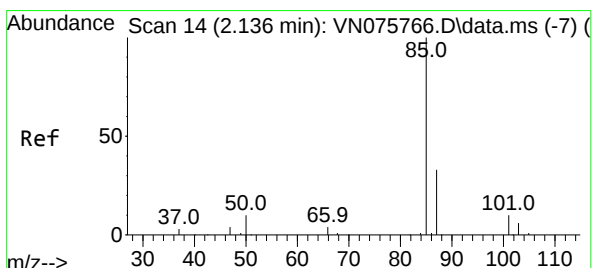
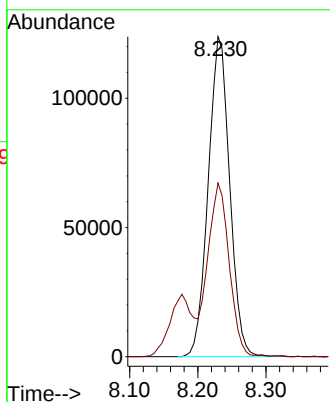
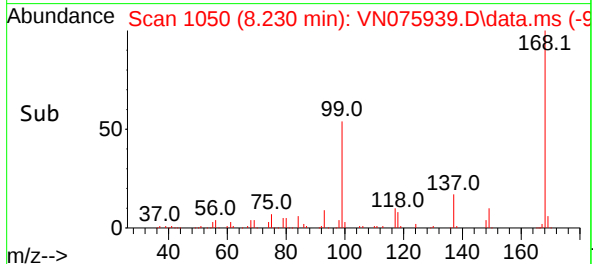
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 27128
Ion Ratio Lower Upper
168 100
99 54.0 44.2 66.4

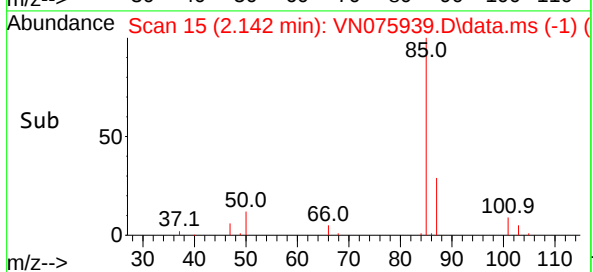
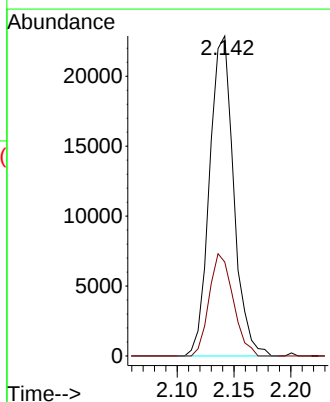
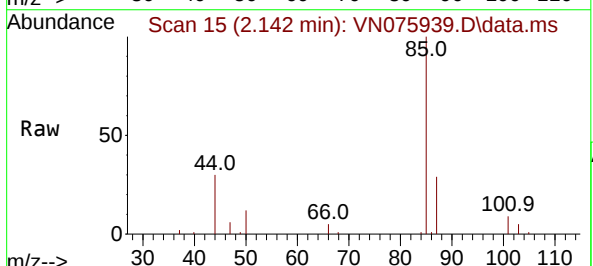
Manual Integrations
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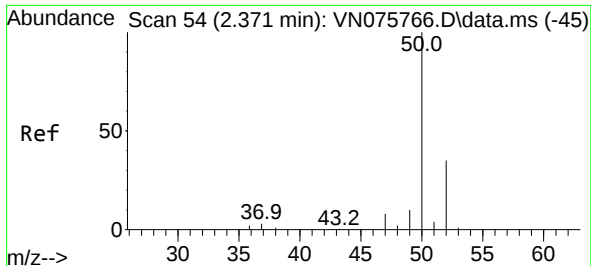
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#2
Dichlorodifluoromethane
Concen: 17.519 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

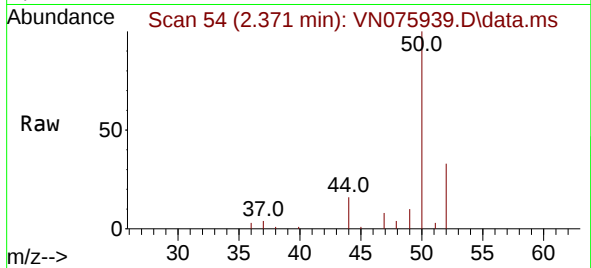
Tgt Ion: 85 Resp: 33745
Ion Ratio Lower Upper
85 100
87 29.3 16.3 48.9





#3
Chloromethane
Concen: 17.787 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

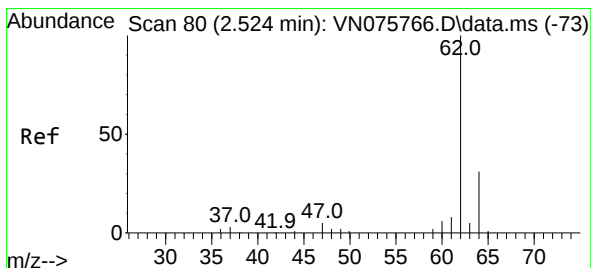
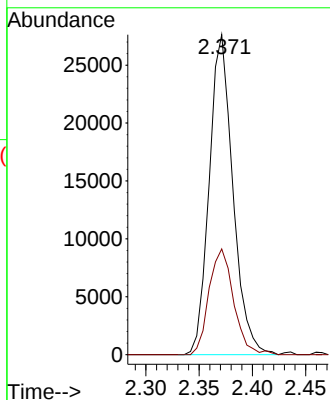
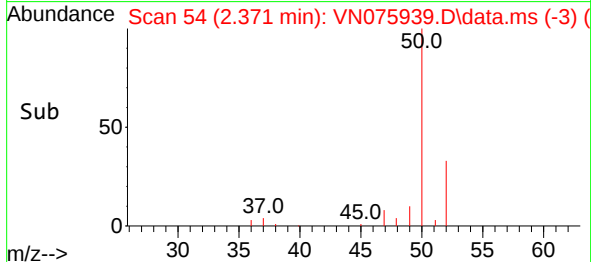
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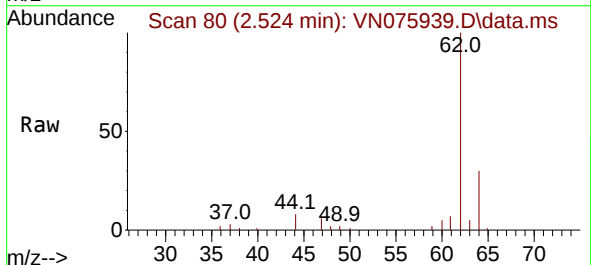
Tgt Ion: 50 Resp: 42604
Ion Ratio Lower Upper
50 100
52 33.1 27.7 41.5

Manual Integrations
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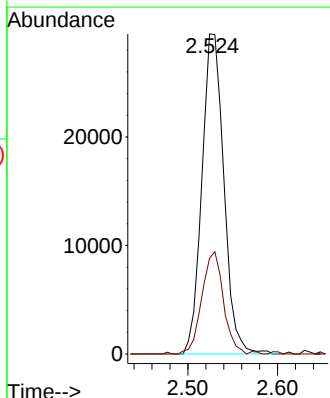
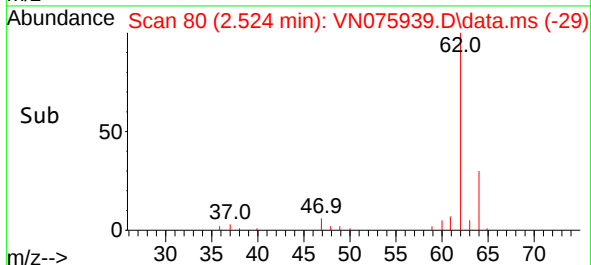
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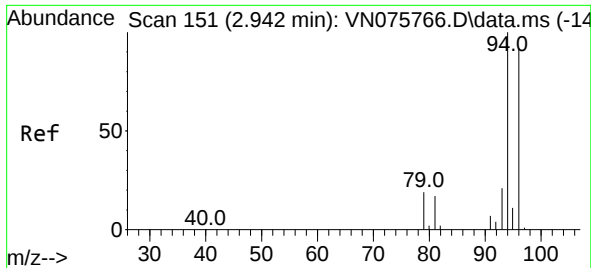


#4
Vinyl Chloride
Concen: 17.565 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51



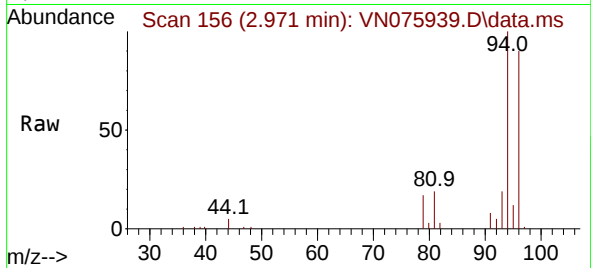
Tgt Ion: 62 Resp: 50185
Ion Ratio Lower Upper
62 100
64 29.9 24.9 37.3





#5
Bromomethane
Concen: 17.449 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

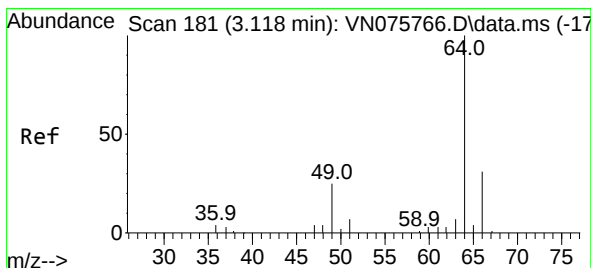
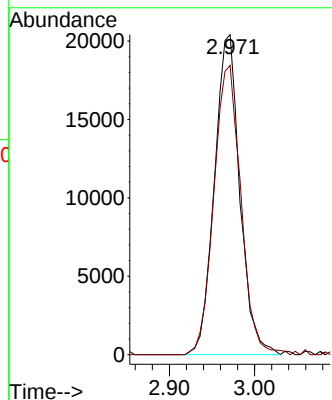
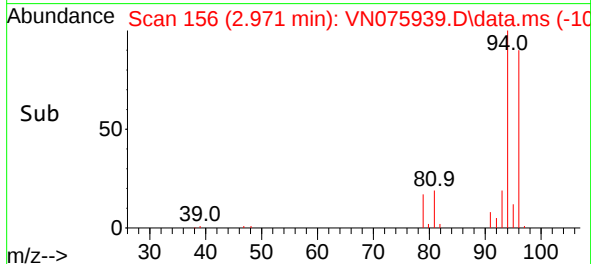
Instrument :
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Tgt Ion: 94 Resp: 42369
Ion Ratio Lower Upper
94 100
96 90.4 73.8 110.6

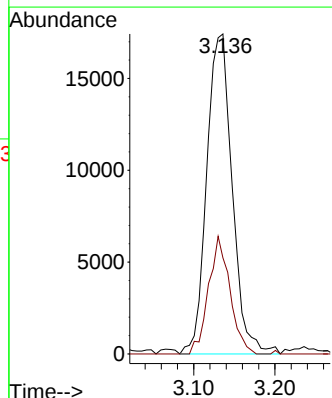
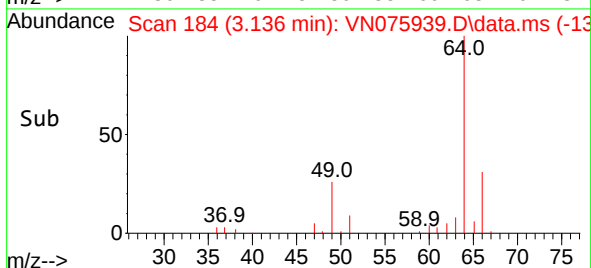
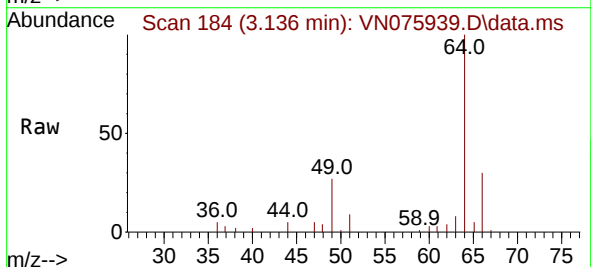
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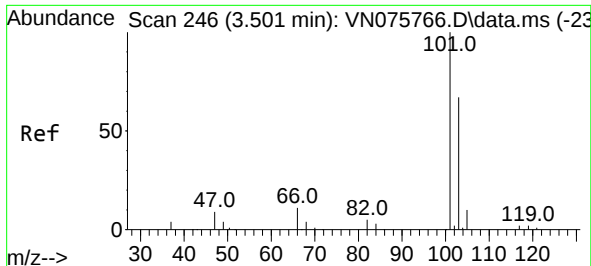
Reviewed By :John Carlone 12/27/2022
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#6
Chloroethane
Concen: 17.971 ug/l
RT: 3.136 min Scan# 184
Delta R.T. 0.018 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion: 64 Resp: 38022
Ion Ratio Lower Upper
64 100
66 30.0 24.6 36.8





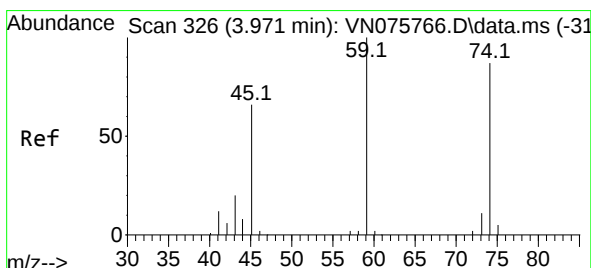
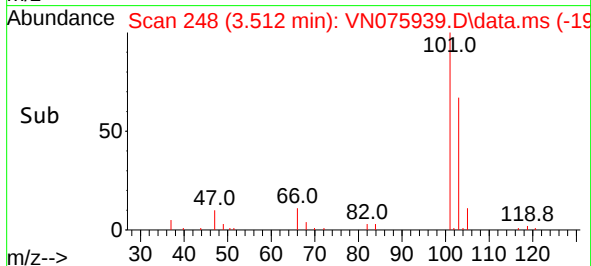
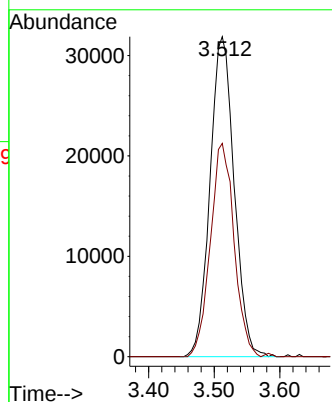
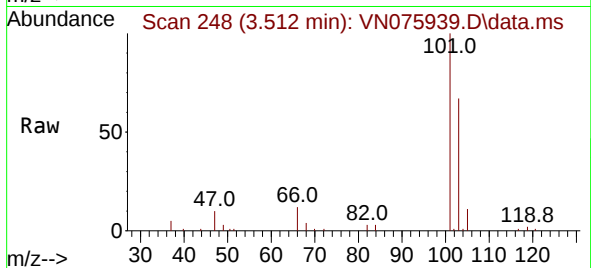
#7
Trichlorofluoromethane
Concen: 18.823 ug/l
RT: 3.512 min Scan# 246
Delta R.T. 0.012 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 8160
Ion Ratio Lower Upper
101 100
103 66.6 53.4 80.2

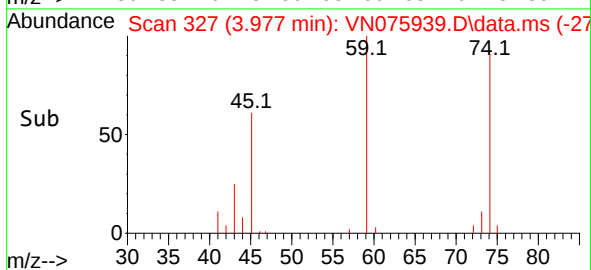
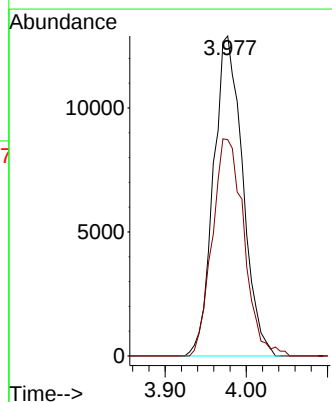
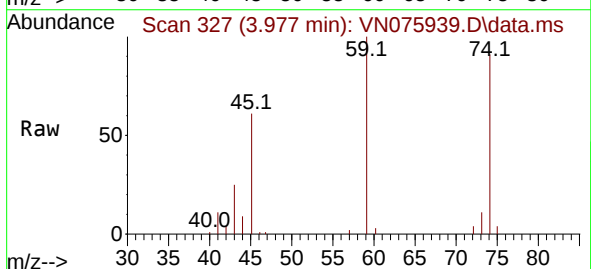
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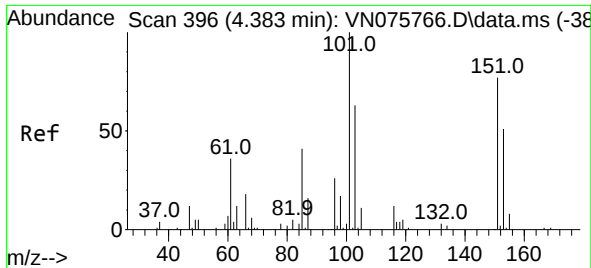
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#8
Diethyl Ether
Concen: 20.338 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion: 74 Resp: 32204
Ion Ratio Lower Upper
74 100
45 73.4 37.8 113.4





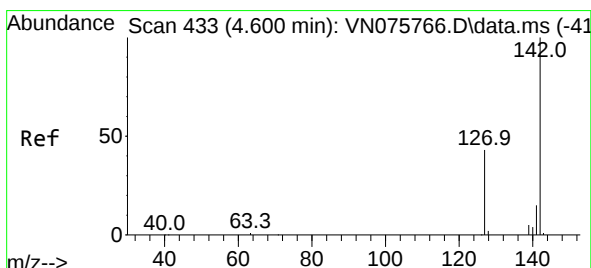
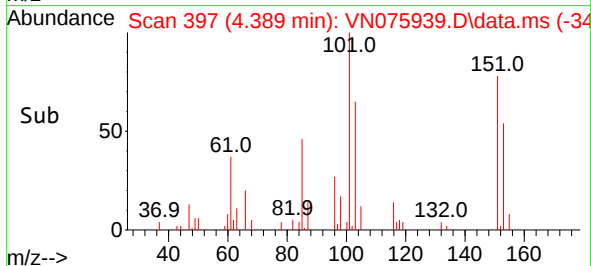
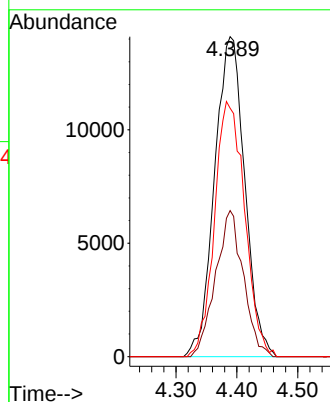
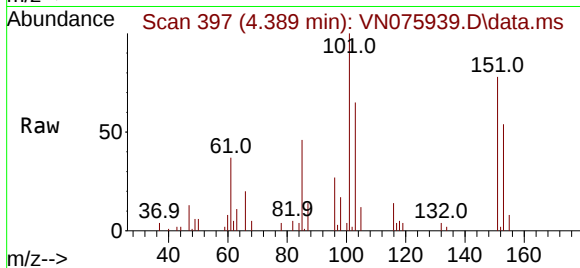
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.577 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Tgt Ion:101 Resp: 4846
Ion Ratio Lower Upper
101 100
85 42.1 35.3 52.9
151 79.9 65.6 98.4

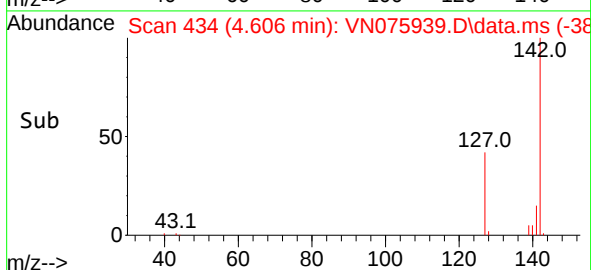
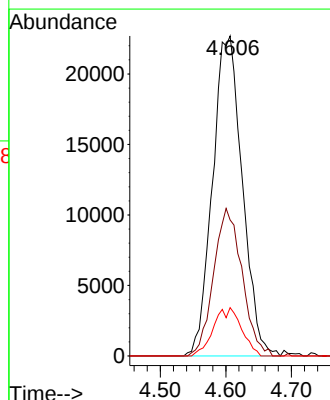
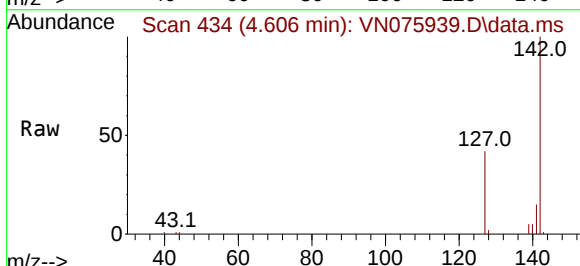
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#10
Methyl Iodide
Concen: 17.801 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion:142 Resp: 71518
Ion Ratio Lower Upper
142 100
127 44.0 34.7 52.1
141 7.3 11.4 17.2#





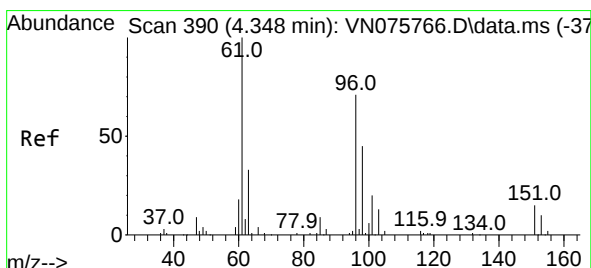
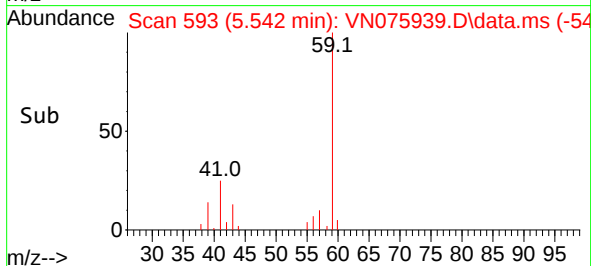
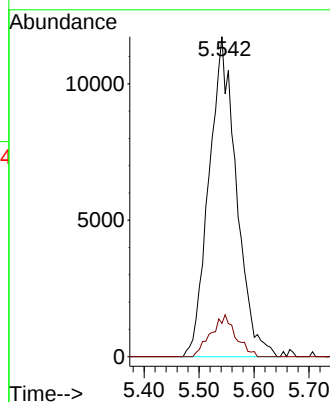
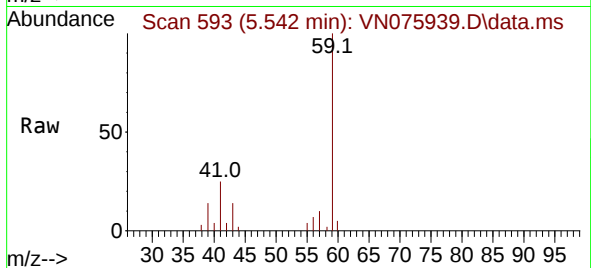
#11
Tert butyl alcohol
Concen: 97.573 ug/l
RT: 5.542 min Scan# 59
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Tgt Ion: 59 Resp: 4074
Ion Ratio Lower Upper
59 100
57 11.7 8.2 12.4

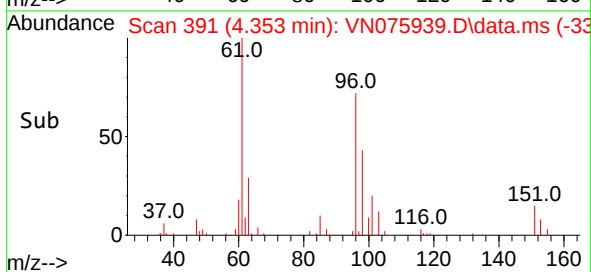
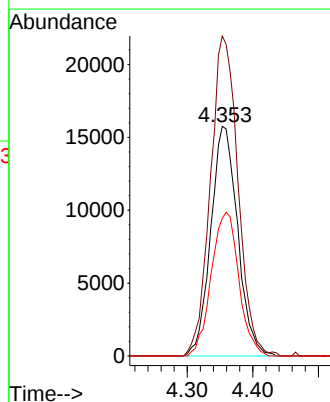
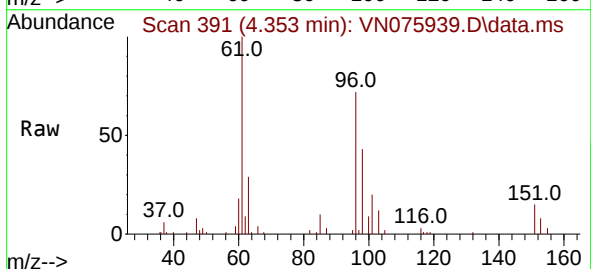
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#12
1,1-Dichloroethene
Concen: 18.608 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion: 96 Resp: 44741
Ion Ratio Lower Upper
96 100
61 139.4 113.3 169.9
98 59.9 50.9 76.3





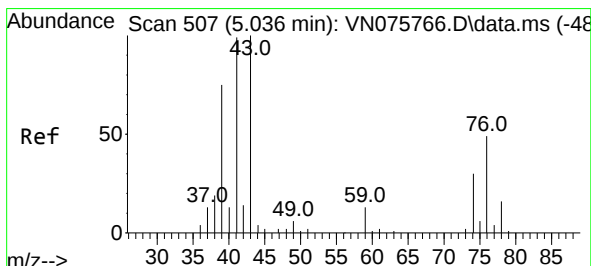
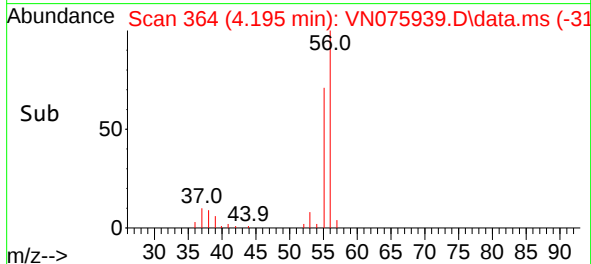
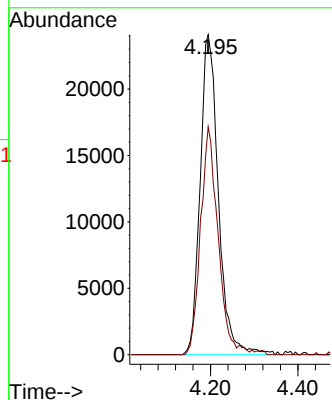
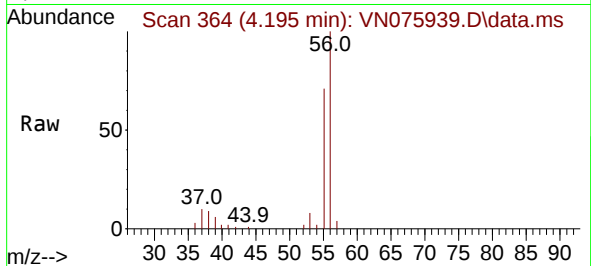
#13
Acrolein
Concen: 136.921 ug/l
RT: 4.195 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Tgt Ion: 56 Resp: 70095
Ion Ratio Lower Upper
56 100
55 68.2 54.8 82.2

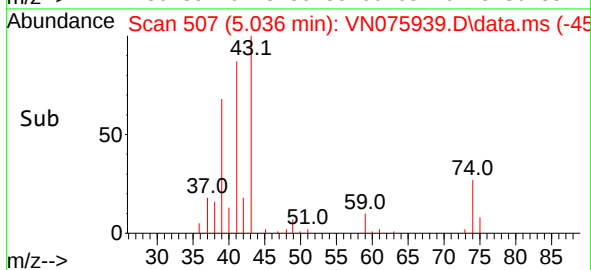
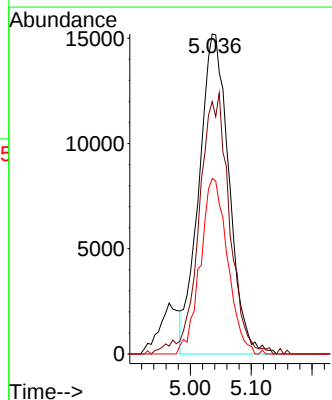
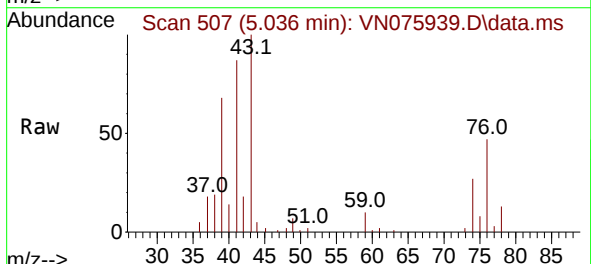
Manual Integrations
APPROVED

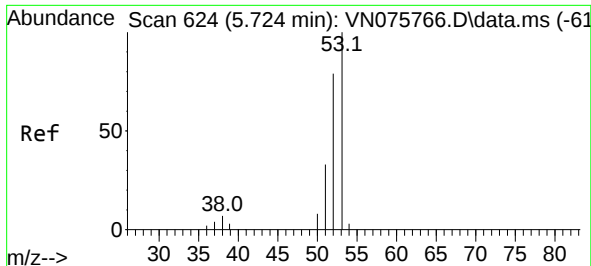
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#14
Allyl chloride
Concen: 18.534 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

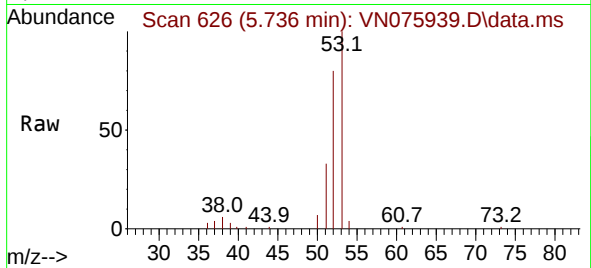
Tgt Ion: 41 Resp: 52092
Ion Ratio Lower Upper
41 100
39 82.3 58.3 87.5
76 49.6 35.8 53.6





#15
Acrylonitrile
Concen: 101.415 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

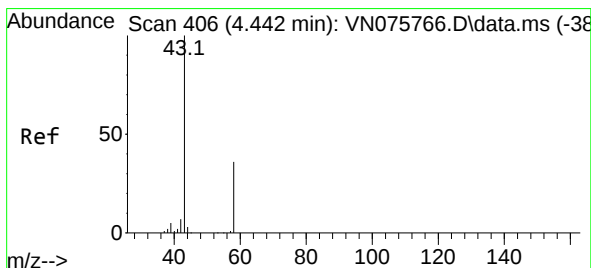
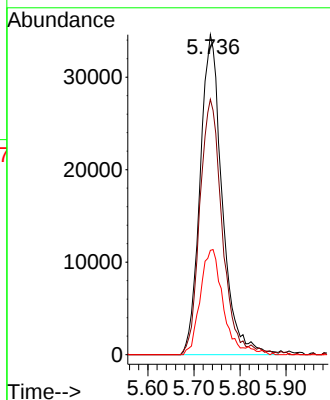
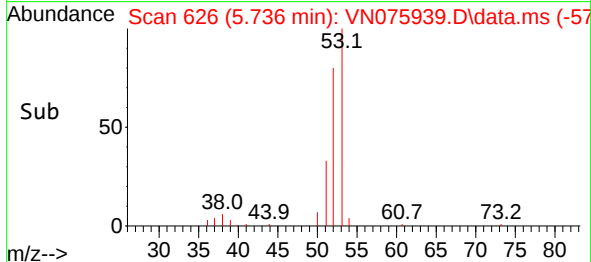
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01



Tgt Ion: 53 Resp: 115574
Ion Ratio Lower Upper
53 100
52 81.1 65.4 98.0
51 33.3 28.9 43.3

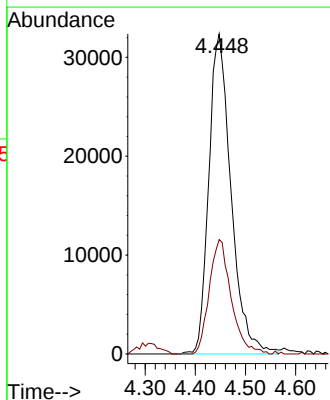
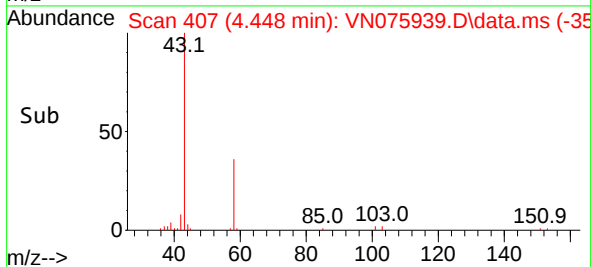
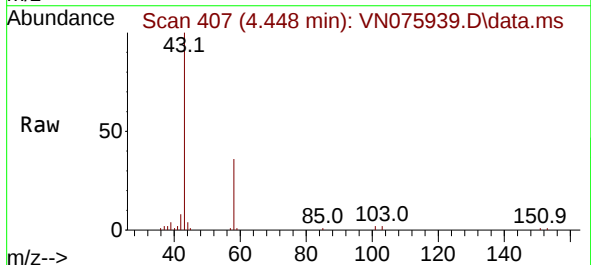
Manual Integrations
APPROVED

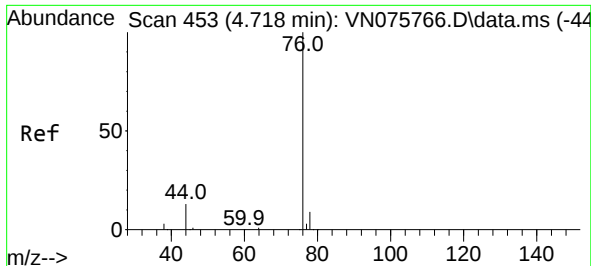
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#16
Acetone
Concen: 98.009 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion: 43 Resp: 99711
Ion Ratio Lower Upper
43 100
58 35.7 28.6 43.0





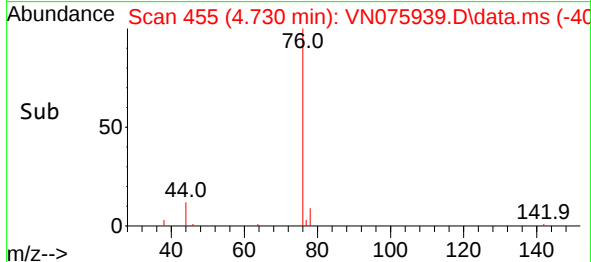
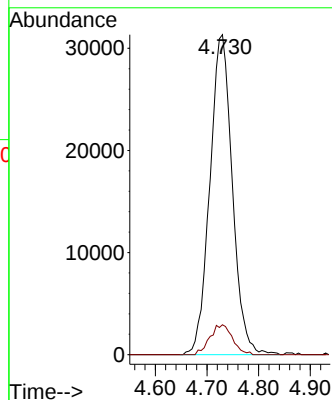
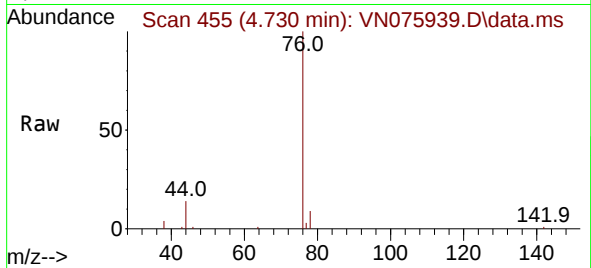
#17
Carbon Disulfide
Concen: 16.276 ug/l
RT: 4.730 min Scan# 455
Delta R.T. 0.012 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Tgt Ion: 76 Resp: 9474
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2

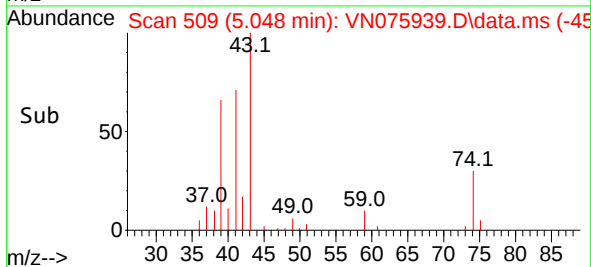
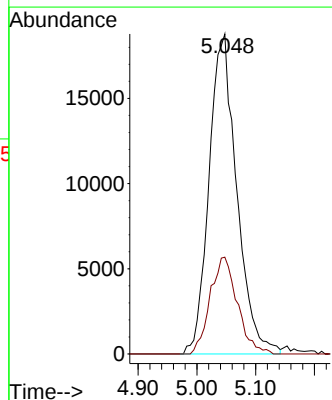
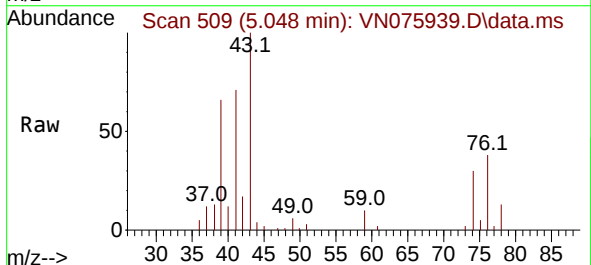
Manual Integrations
APPROVED

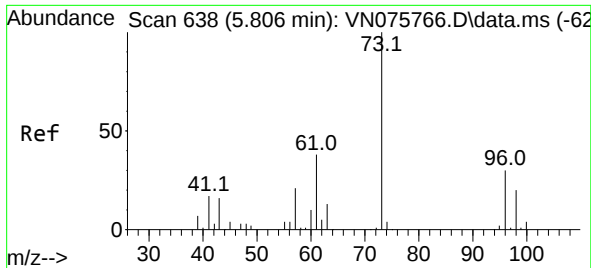
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#18
Methyl Acetate
Concen: 20.440 ug/l
RT: 5.048 min Scan# 509
Delta R.T. 0.012 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion: 43 Resp: 61469
Ion Ratio Lower Upper
43 100
74 29.8 23.6 35.4





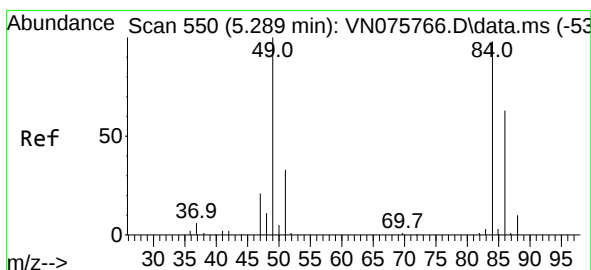
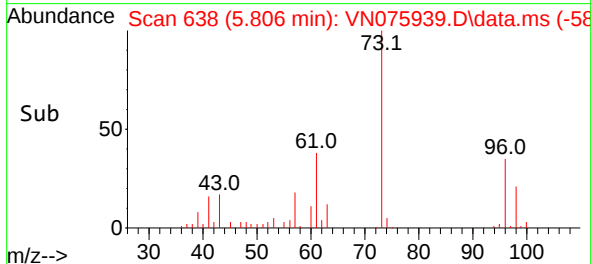
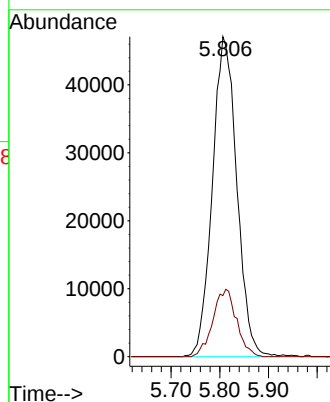
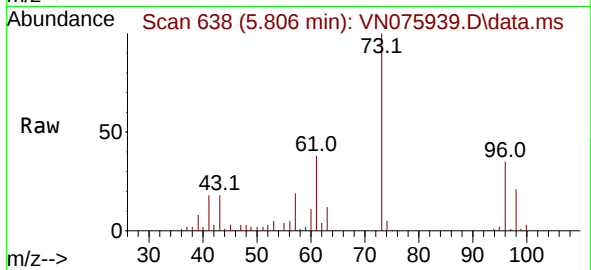
#19
Methyl tert-butyl Ether
Concen: 20.706 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Tgt Ion: 73 Resp: 163939
Ion Ratio Lower Upper
73 100
57 19.1 17.1 25.7

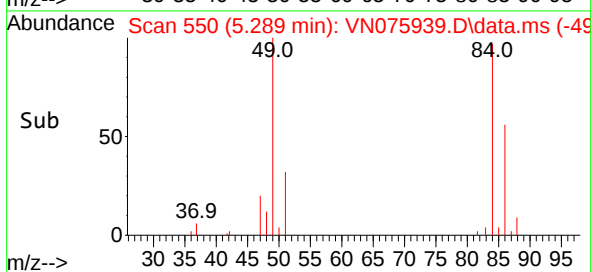
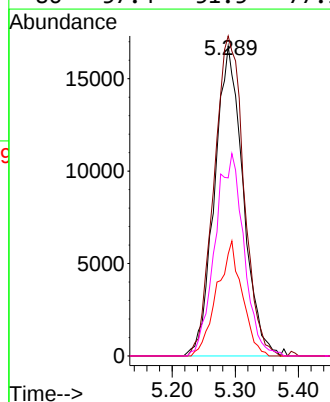
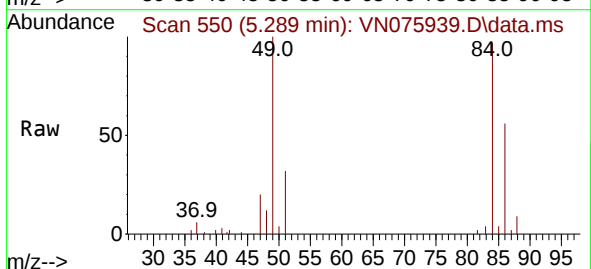
Manual Integrations
APPROVED

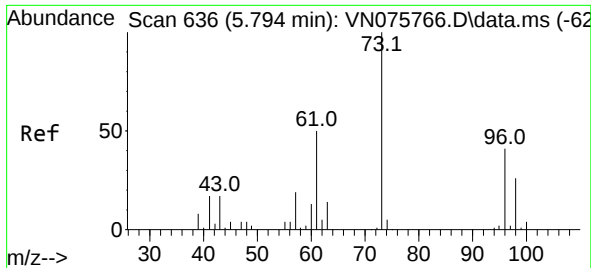
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#20
Methylene Chloride
Concen: 18.927 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion: 84 Resp: 52593
Ion Ratio Lower Upper
84 100
49 103.2 81.8 122.6
51 32.9 26.7 40.1
86 57.4 51.5 77.3





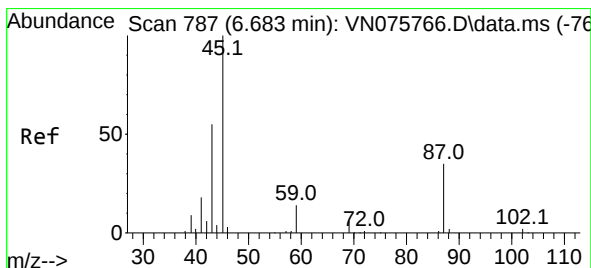
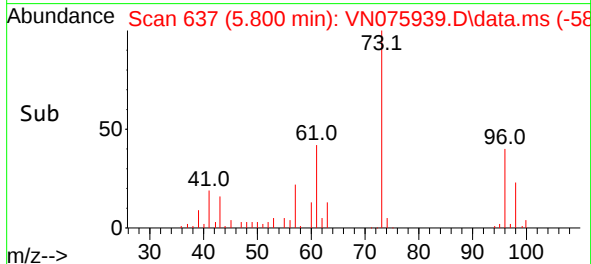
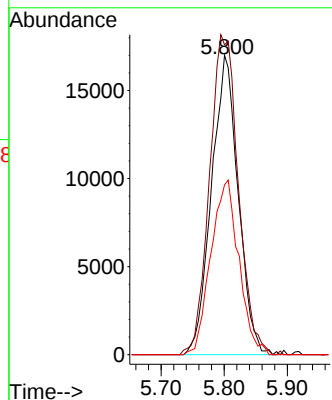
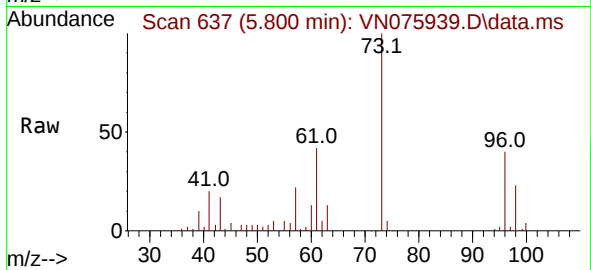
#21
trans-1,2-Dichloroethene
Concen: 18.988 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Tgt Ion: 96 Resp: 49999
Ion Ratio Lower Upper
96 100
61 103.5 98.1 147.1
98 56.7 51.4 77.2

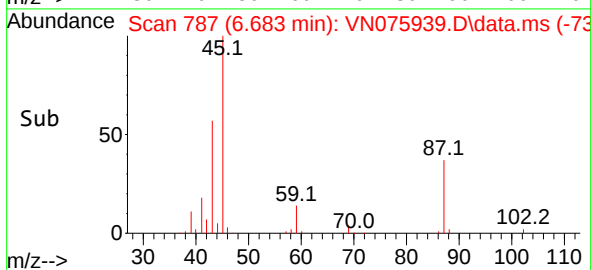
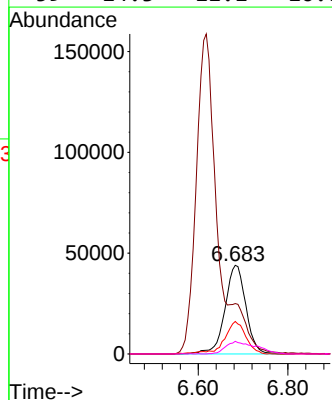
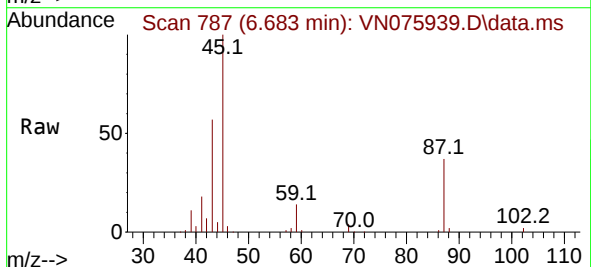
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#22
Diisopropyl ether
Concen: 20.818 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

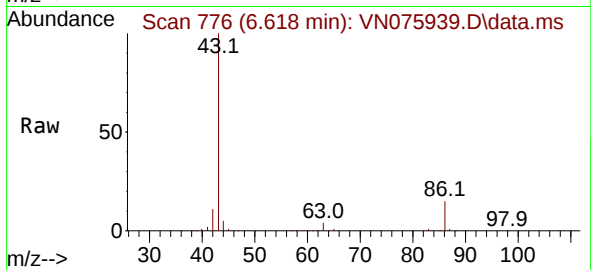
Tgt Ion: 45 Resp: 142143
Ion Ratio Lower Upper
45 100
43 55.6 44.2 66.4
87 36.6 28.3 42.5
59 14.3 11.1 16.7





#23
 Vinyl Acetate
 Concen: 102.440 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN075939.D
 Acq: 22 Dec 2022 12:51

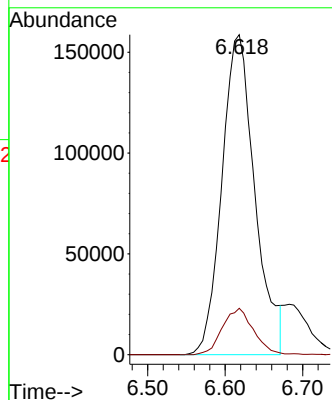
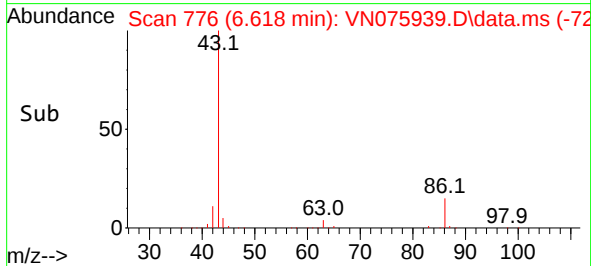
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222WBSD01



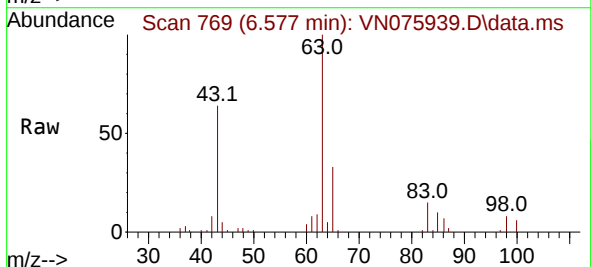
Tgt Ion: 43 Resp: 470770
 Ion Ratio Lower Upper
 43 100
 86 14.5 11.4 17.2

Manual Integrations
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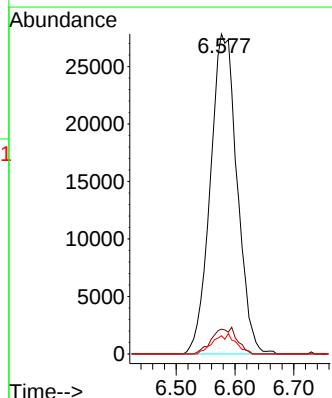
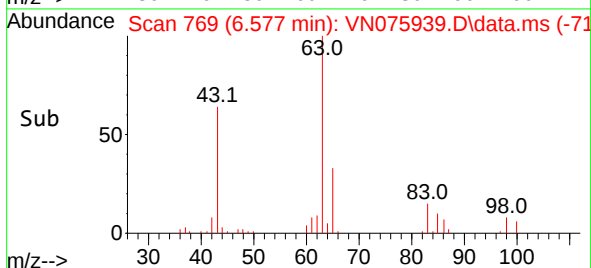
Reviewed By :John Carlone 12/27/2022
 Supervised By :Mahesh Dadoda 12/27/2022

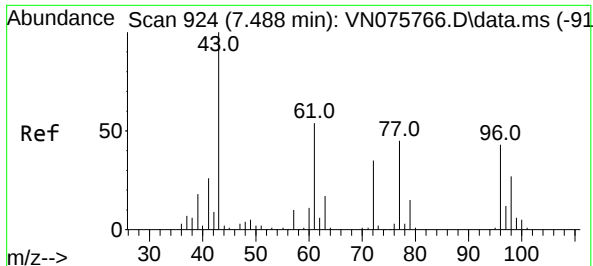


#24
 1,1-Dichloroethane
 Concen: 19.320 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075939.D
 Acq: 22 Dec 2022 12:51



Tgt Ion: 63 Resp: 87975
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.5
 100 5.7 2.5 7.6





#25

2-Butanone

Concen: 103.957 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075939.D

Acq: 22 Dec 2022 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN1222WBSD01

Tgt Ion: 43 Resp: 14808

Ion Ratio Lower Upper

43 100

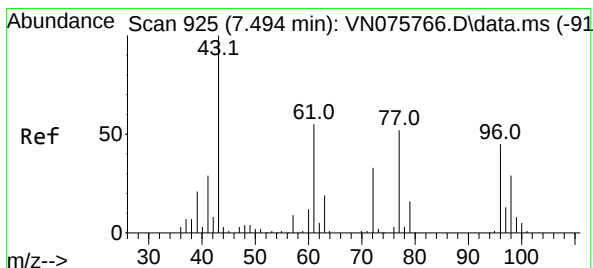
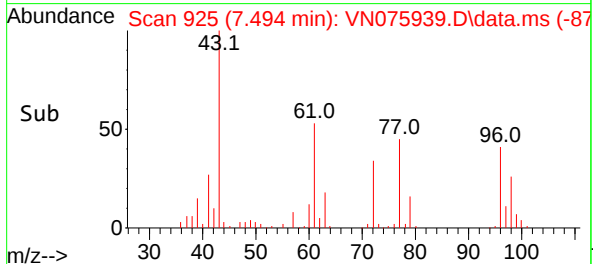
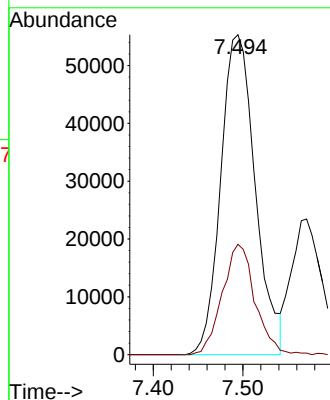
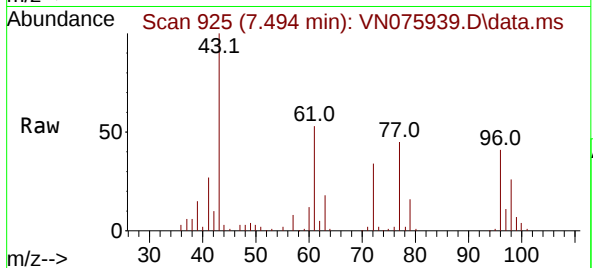
72 34.5 28.0 42.0

Manual Integrations

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Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#26

2,2-Dichloropropane

Concen: 19.651 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN075939.D

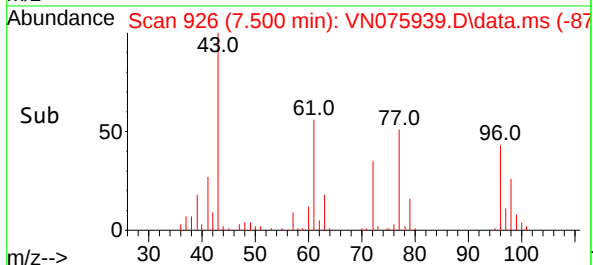
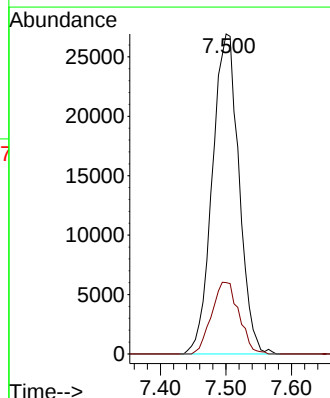
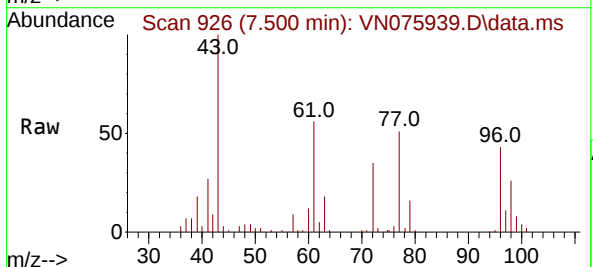
Acq: 22 Dec 2022 12:51

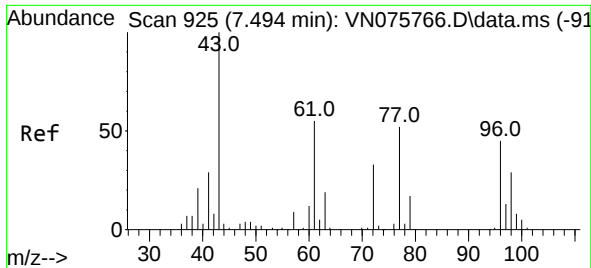
Tgt Ion: 77 Resp: 75780

Ion Ratio Lower Upper

77 100

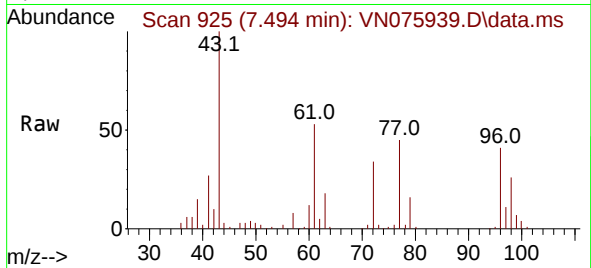
97 23.0 12.7 38.0





#27
 cis-1,2-Dichloroethene
 Concen: 19.068 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075939.D
 Acq: 22 Dec 2022 12:51

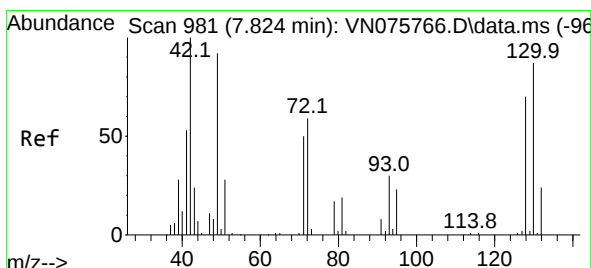
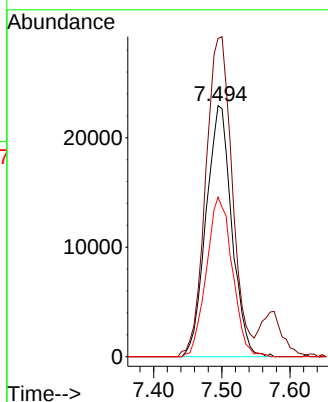
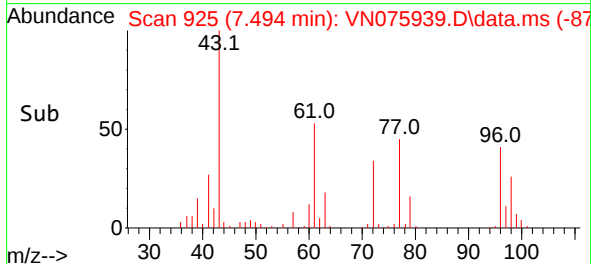
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222WBSD01



Tgt Ion: 96 Resp: 6004
 Ion Ratio Lower Upper
 96 100
 61 131.7 0.0 247.8
 98 64.1 0.0 128.4

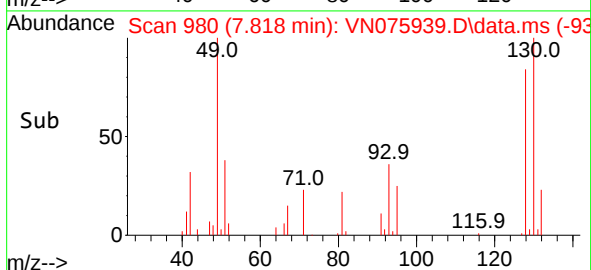
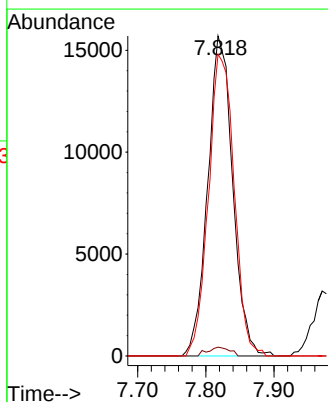
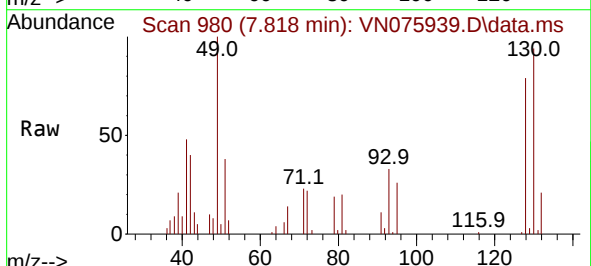
Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/27/2022
 Supervised By :Mahesh Dadoda 12/27/2022



#28
 Bromochloromethane
 Concen: 20.078 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN075939.D
 Acq: 22 Dec 2022 12:51

Tgt Ion: 49 Resp: 40072
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.0
 130 96.6 77.0 115.4





#29

Tetrahydrofuran

Concen: 105.699 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075939.D

Acq: 22 Dec 2022 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN1222WBSD01

Tgt Ion: 42 Resp: 9435

Ion Ratio Lower Upper

42 100

72 54.6 44.5 66.7

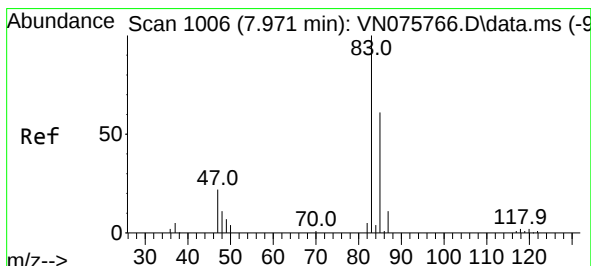
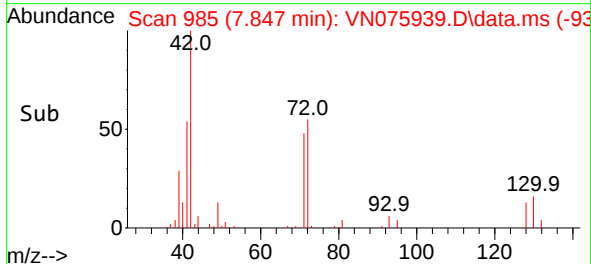
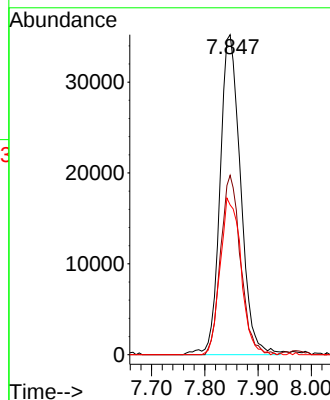
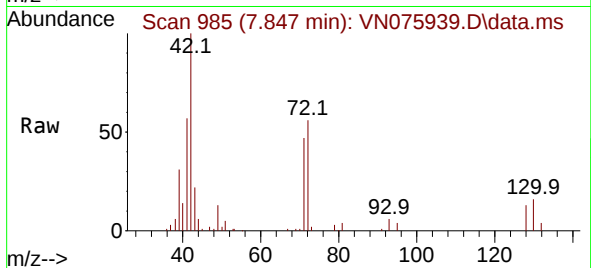
71 50.0 41.0 61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#30

Chloroform

Concen: 19.396 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VN075939.D

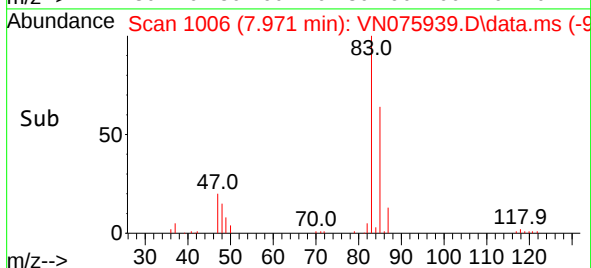
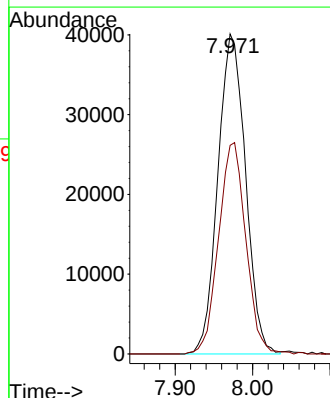
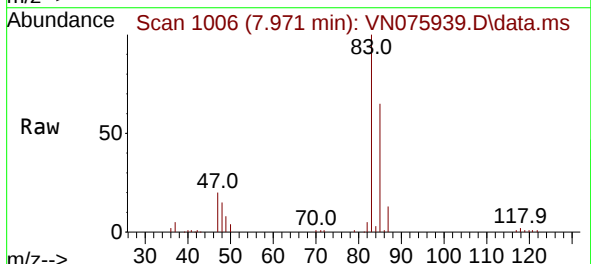
Acq: 22 Dec 2022 12:51

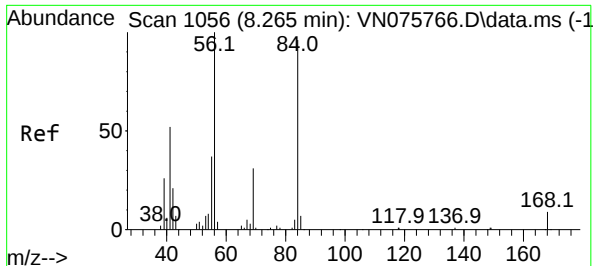
Tgt Ion: 83 Resp: 99442

Ion Ratio Lower Upper

83 100

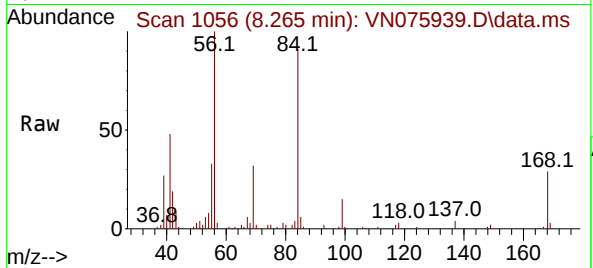
85 65.2 49.1 73.7





#31
Cyclohexane
Concen: 18.088 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

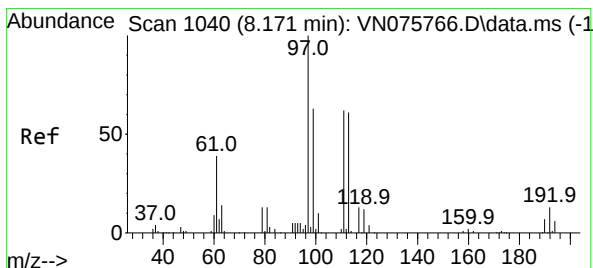
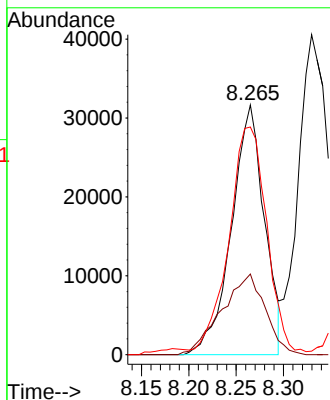
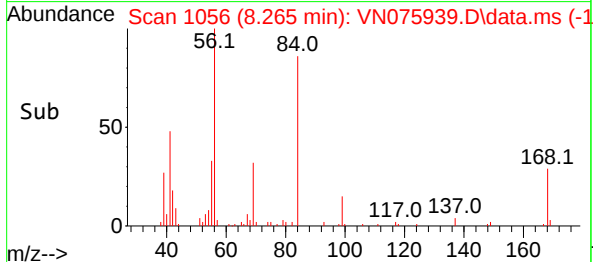
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01



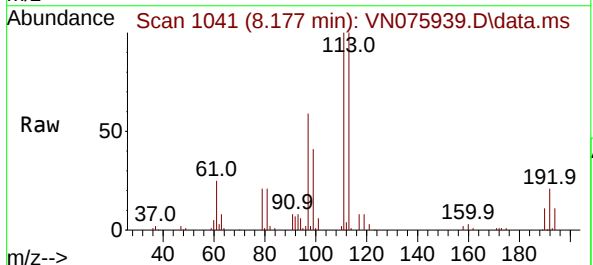
Tgt Ion: 56 Resp: 7645
Ion Ratio Lower Upper
56 100
69 32.3 24.7 37.1
84 88.9 76.5 114.7

Manual Integrations
APPROVED

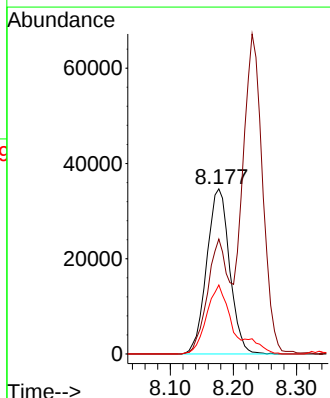
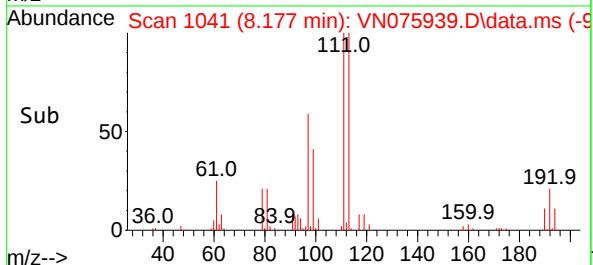
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

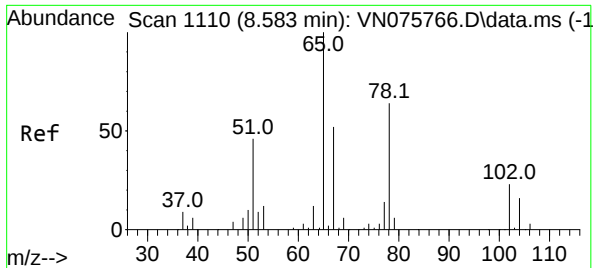


#32
1,1,1-Trichloroethane
Concen: 19.231 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51



Tgt Ion: 97 Resp: 87409
Ion Ratio Lower Upper
97 100
99 66.3 50.2 75.2
61 48.3 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 52.978 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075939.D

Acq: 22 Dec 2022 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN1222WBSD01

Tgt Ion: 65 Resp: 156352

Ion Ratio Lower Upper

65 100

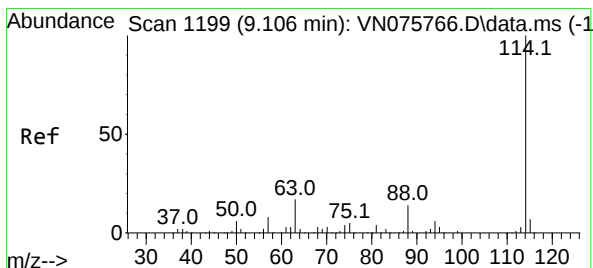
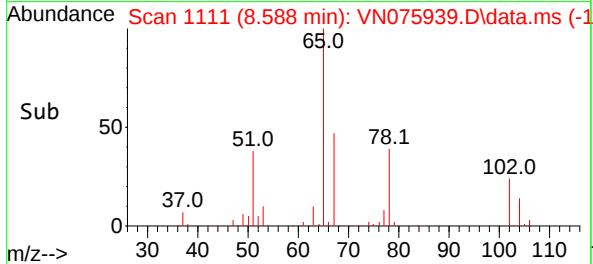
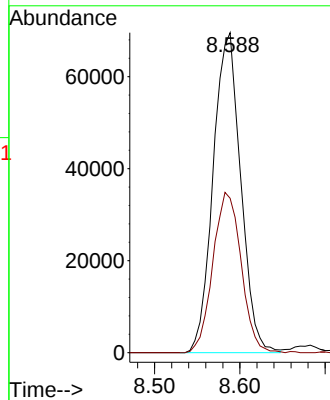
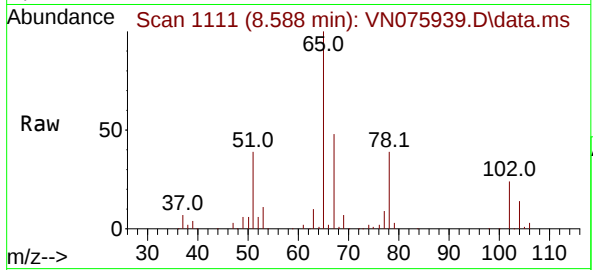
67 51.3 0.0 103.4

Manual Integrations

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Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075939.D

Acq: 22 Dec 2022 12:51

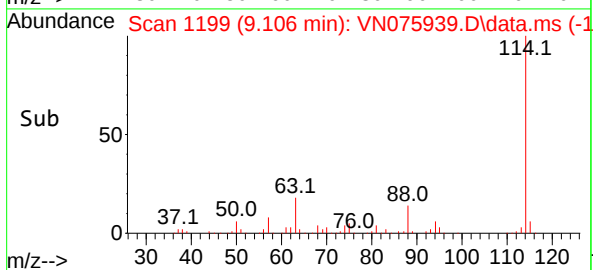
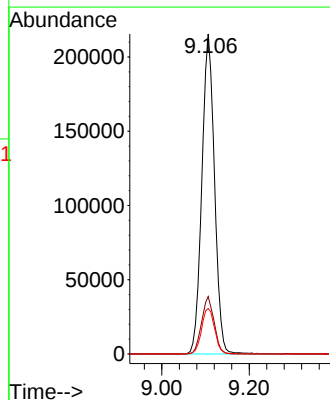
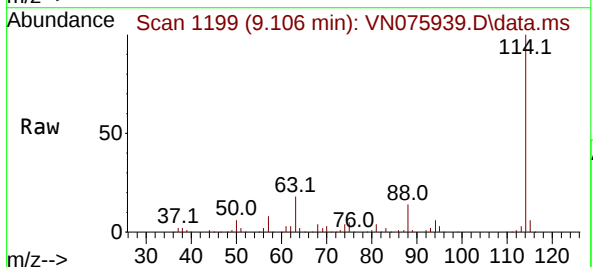
Tgt Ion:114 Resp: 434252

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.4

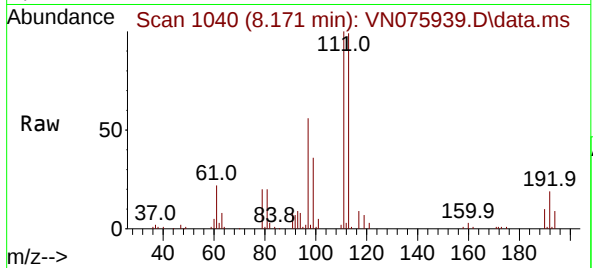
88 14.2 0.0 28.8





#35
Dibromofluoromethane
Concen: 52.722 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

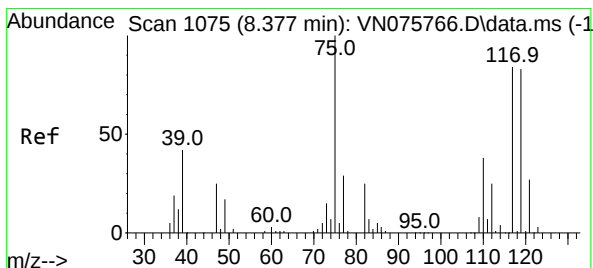
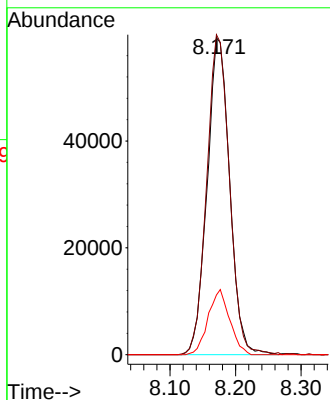
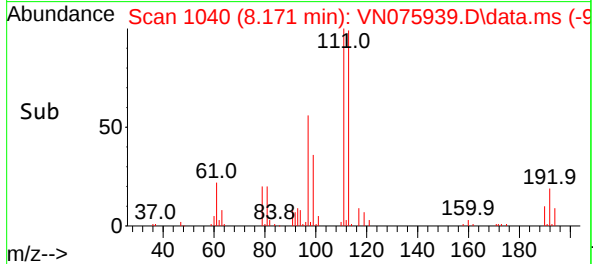
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01



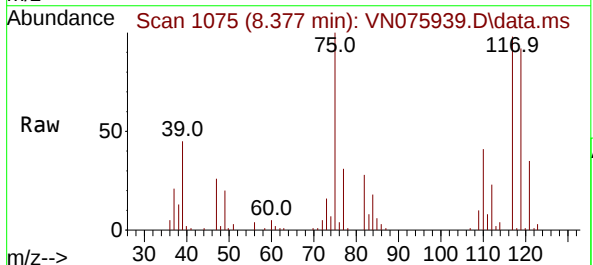
Tgt Ion: 113 Resp: 14178
Ion Ratio Lower Upper
113 100
111 101.6 83.4 125.2
192 19.6 16.1 24.1

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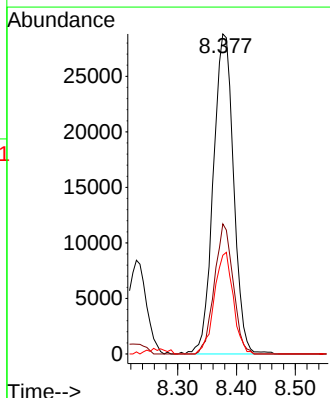
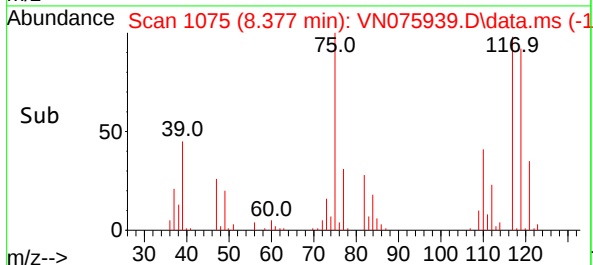
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

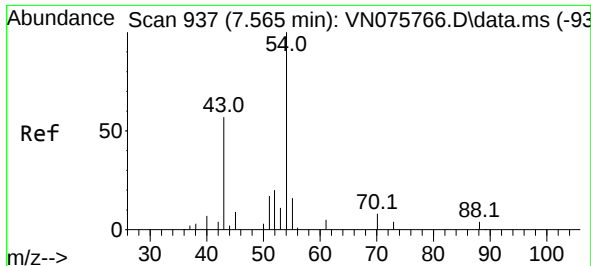


#36
1,1-Dichloropropene
Concen: 19.386 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51



Tgt Ion: 75 Resp: 69256
Ion Ratio Lower Upper
75 100
110 37.4 18.8 56.4
77 29.5 24.1 36.1





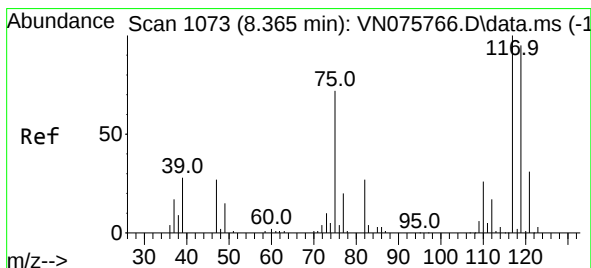
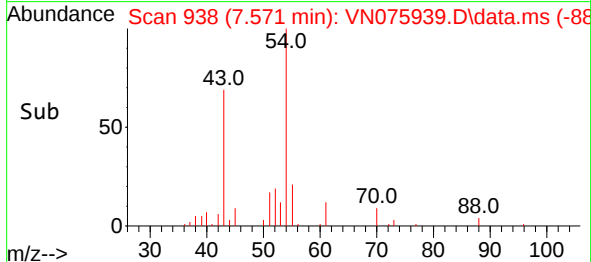
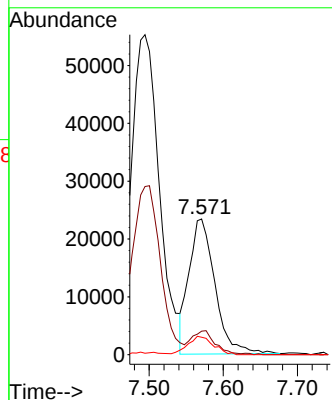
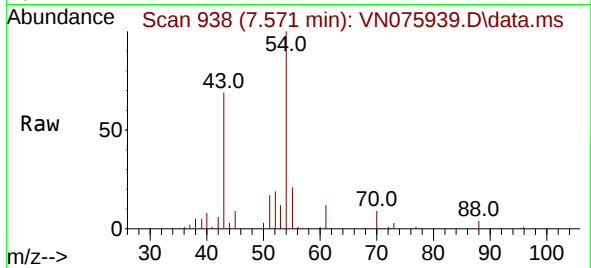
#37
Ethyl Acetate
Concen: 19.882 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Tgt Ion: 43 Resp: 5705
Ion Ratio Lower Upper
43 100
61 16.4 13.0 19.4
70 13.3 9.4 14.0

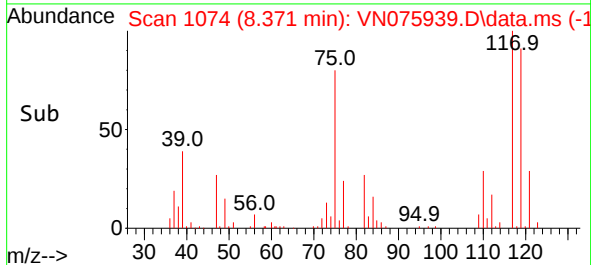
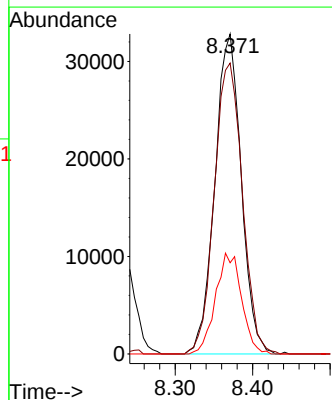
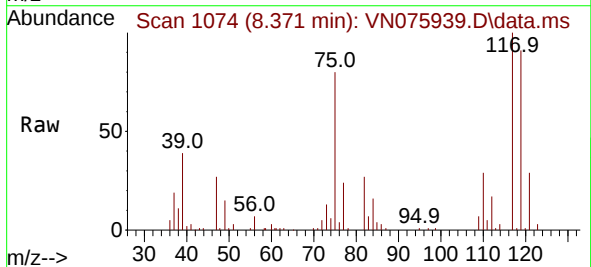
Manual Integrations
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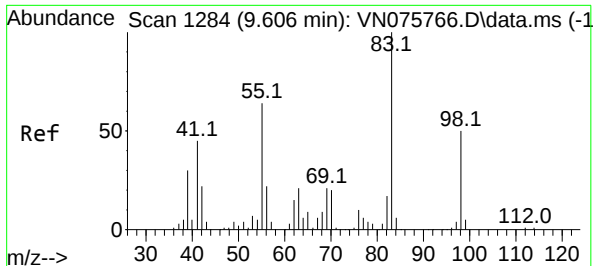
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#38
Carbon Tetrachloride
Concen: 19.420 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion:117 Resp: 77648
Ion Ratio Lower Upper
117 100
119 90.9 76.1 114.1
121 28.5 24.5 36.7





#39

Methylcyclohexane

Concen: 19.885 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.000 min

Lab File: VN075939.D

Acq: 22 Dec 2022 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN1222WBSD01

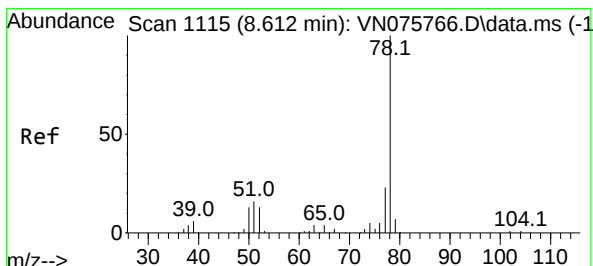
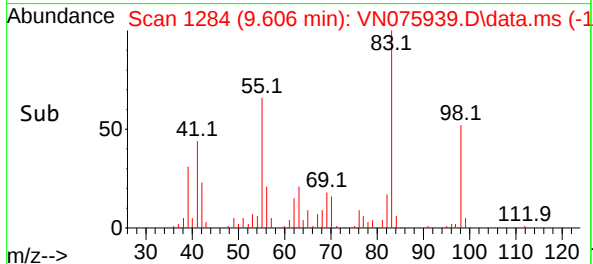
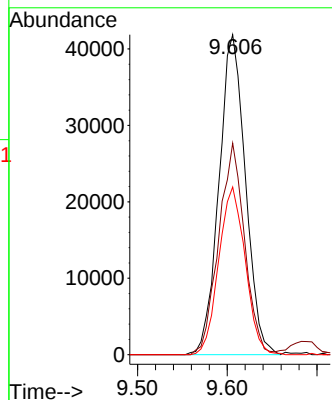
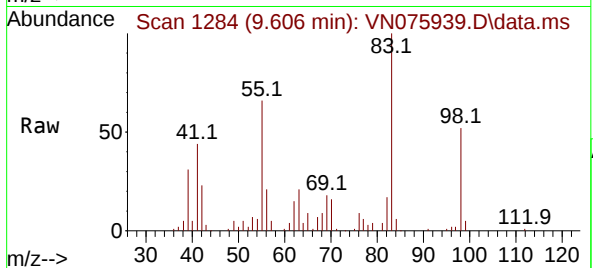
Tgt Ion: 83 Resp: 85702
 Ion Ratio Lower Upper
 83 100
 55 66.1 51.4 77.0
 98 52.4 39.8 59.8

Manual Integrations

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Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#40

Benzene

Concen: 19.566 ug/l

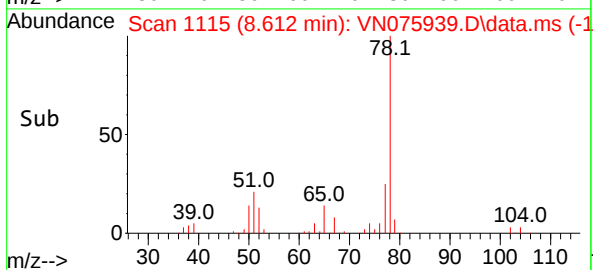
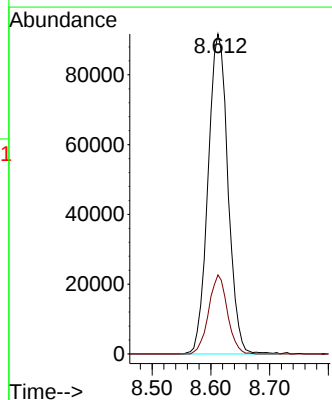
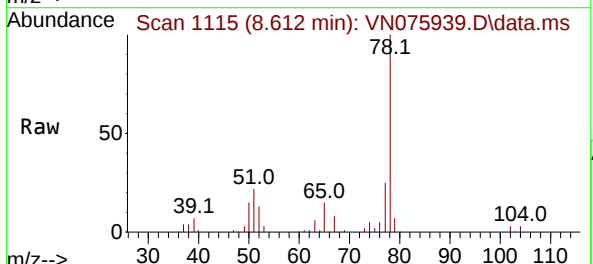
RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075939.D

Acq: 22 Dec 2022 12:51

Tgt Ion: 78 Resp: 215656
 Ion Ratio Lower Upper
 78 100
 77 24.7 18.5 27.7





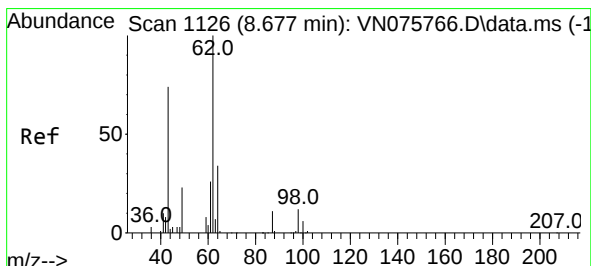
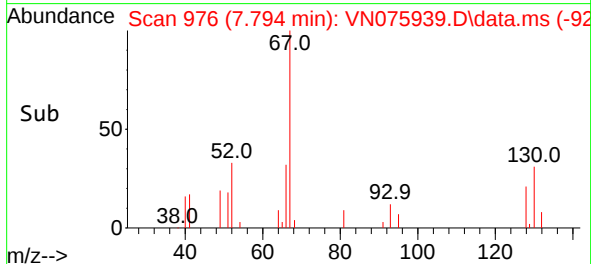
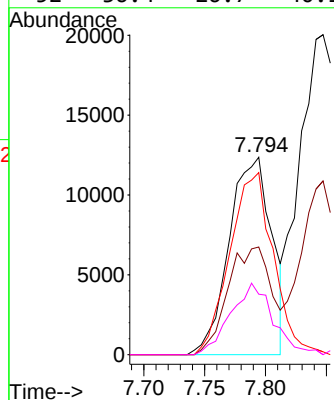
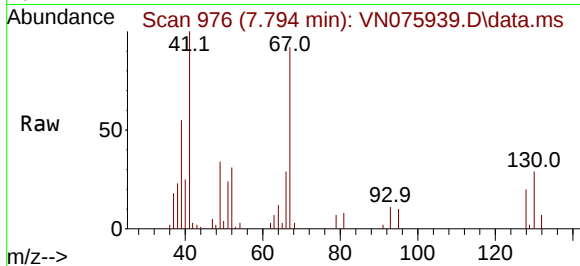
#41
Methacrylonitrile
Concen: 20.141 ug/l
RT: 7.794 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Tgt Ion: 41 Resp: 3004
Ion Ratio Lower Upper
41 100
39 56.0 43.1 64.7
67 94.6 70.7 106.1
52 36.4 26.7 40.1

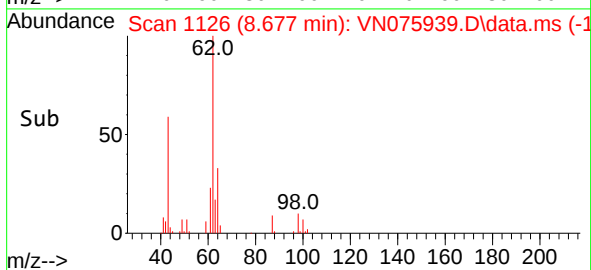
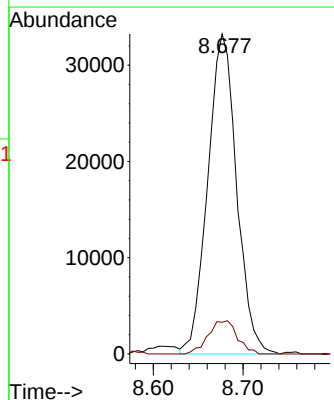
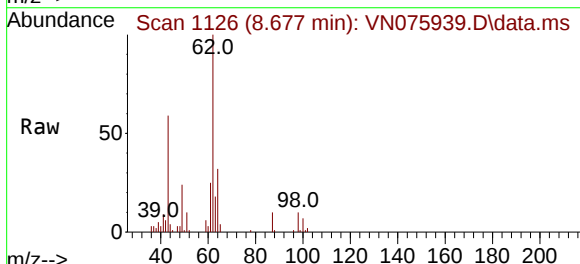
Manual Integrations
APPROVED

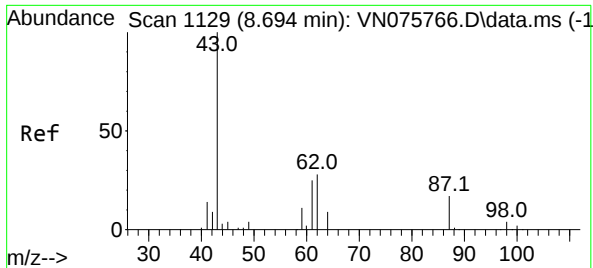
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#42
1,2-Dichloroethane
Concen: 20.289 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion: 62 Resp: 74348
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.8





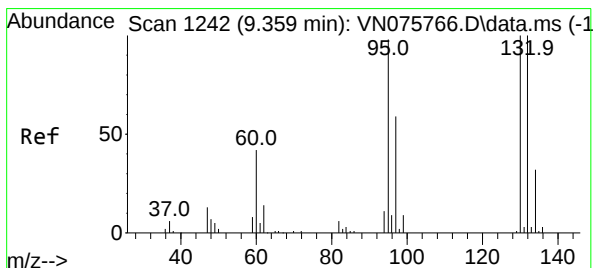
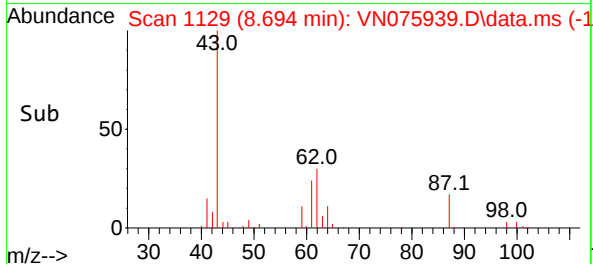
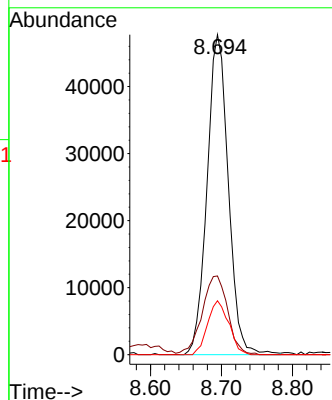
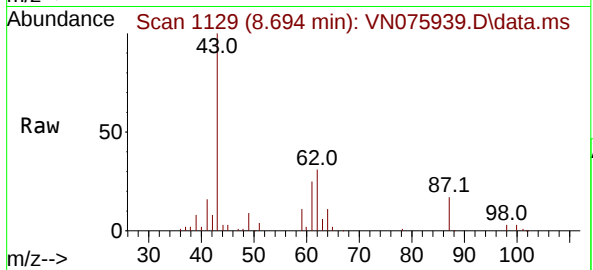
#43
Isopropyl Acetate
Concen: 20.992 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Tgt Ion: 43 Resp: 99364
Ion Ratio Lower Upper
43 100
61 29.6 24.2 36.4
87 16.7 13.3 19.9

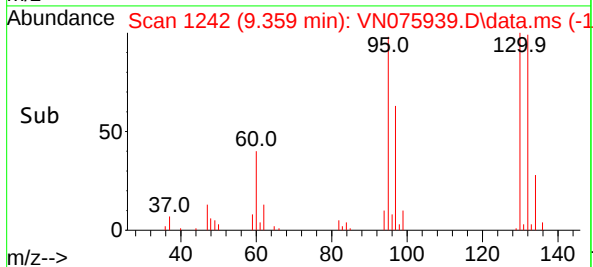
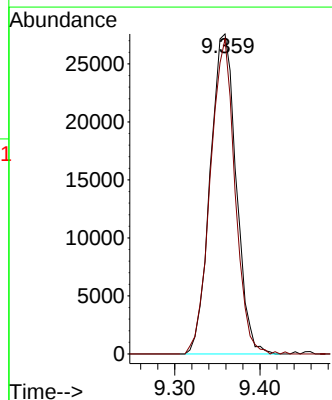
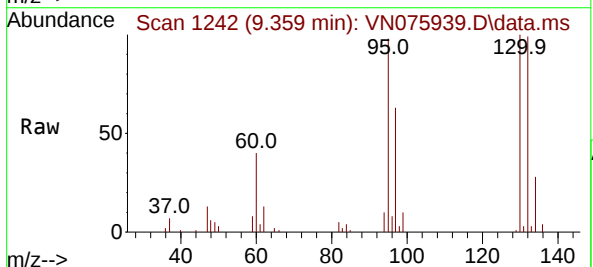
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#44
Trichloroethene
Concen: 18.812 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion:130 Resp: 58415
Ion Ratio Lower Upper
130 100
95 98.4 0.0 195.4





#45

1,2-Dichloropropane

Concen: 20.019 ug/l

RT: 9.630 min Scan# 1287

Delta R.T. 0.006 min

Lab File: VN075939.D

Acq: 22 Dec 2022 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN1222WBSD01

Tgt Ion: 63 Resp: 5369

Ion Ratio Lower Upper

63 100

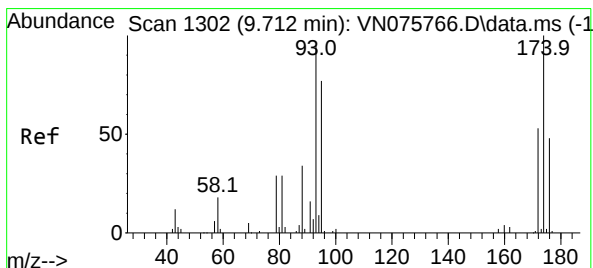
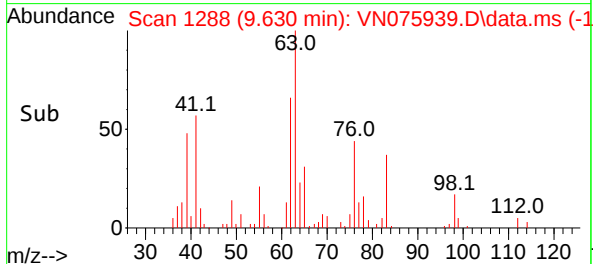
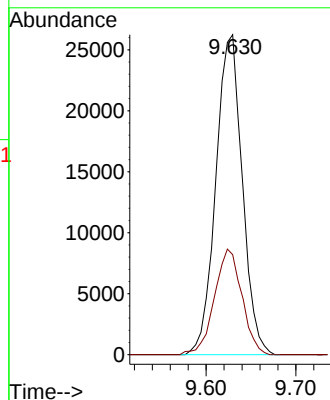
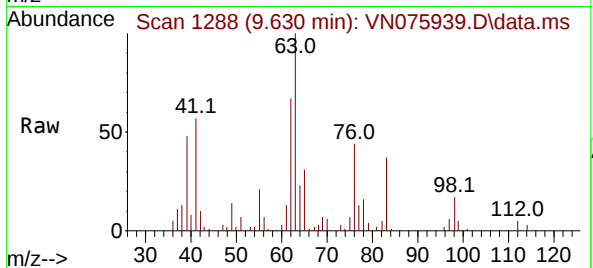
65 31.3 25.7 38.5

Manual Integrations

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Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#46

Dibromomethane

Concen: 19.886 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075939.D

Acq: 22 Dec 2022 12:51

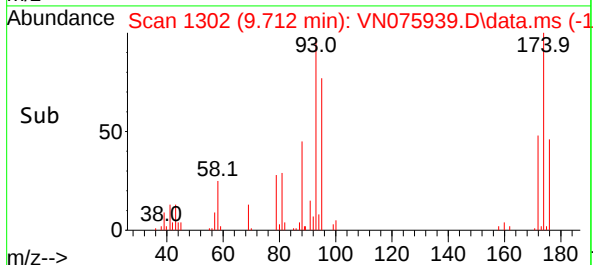
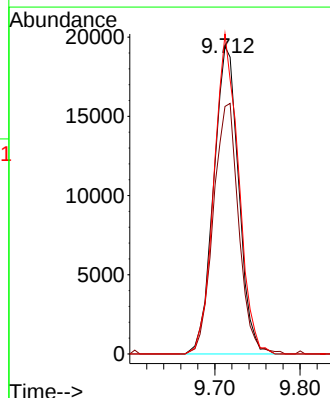
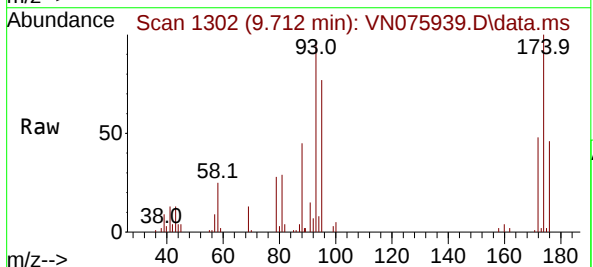
Tgt Ion: 93 Resp: 39560

Ion Ratio Lower Upper

93 100

95 82.7 65.2 97.8

174 102.0 82.4 123.6





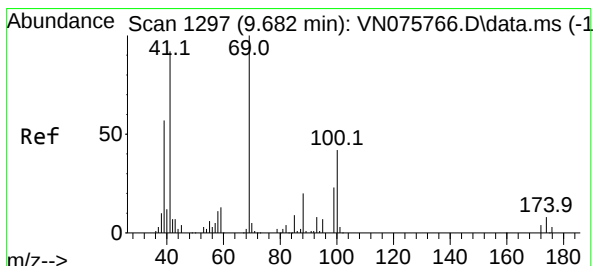
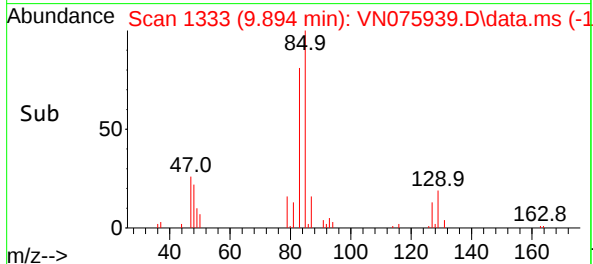
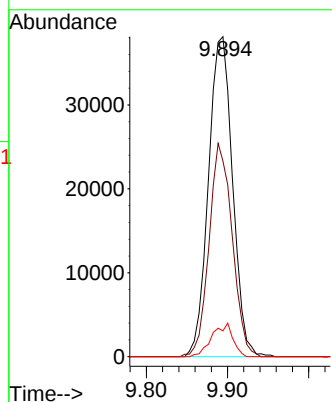
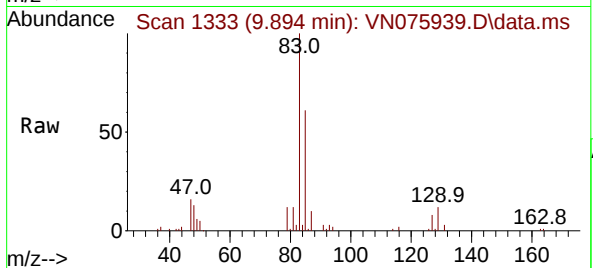
#47
Bromodichloromethane
Concen: 20.175 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Tgt Ion: 83 Resp: 78708
Ion Ratio Lower Upper
83 100
85 61.2 51.5 77.3
127 8.1 6.6 10.0

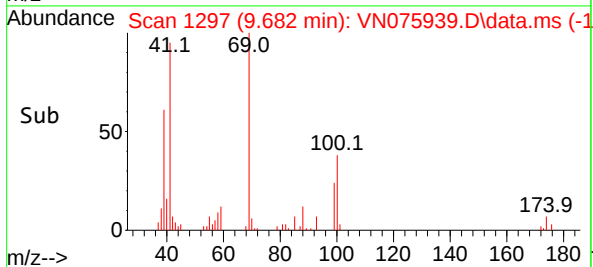
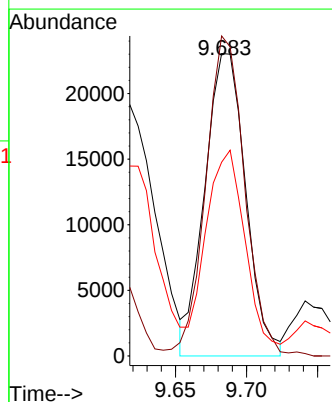
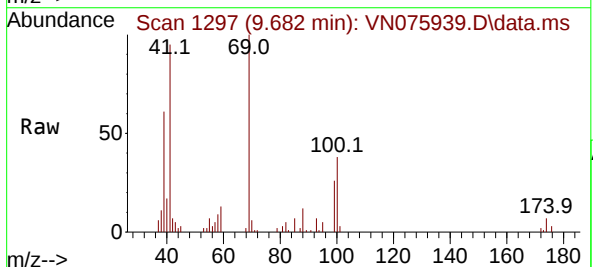
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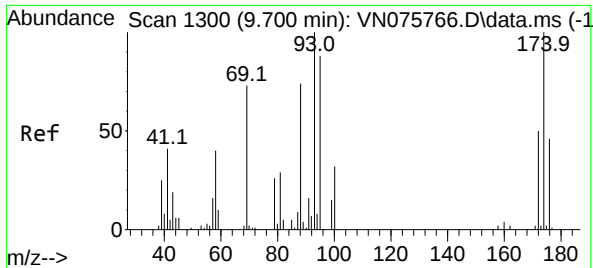
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#48
Methyl methacrylate
Concen: 21.634 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion: 41 Resp: 46123
Ion Ratio Lower Upper
41 100
69 101.0 81.9 122.9
39 65.5 51.6 77.4





#49

1,4-Dioxane

Concen: 425.418 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075939.D

Acq: 22 Dec 2022 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN1222WBSD01

Tgt Ion: 88 Resp: 2229

Ion Ratio Lower Upper

88 100

43 0.0 17.1 25.7

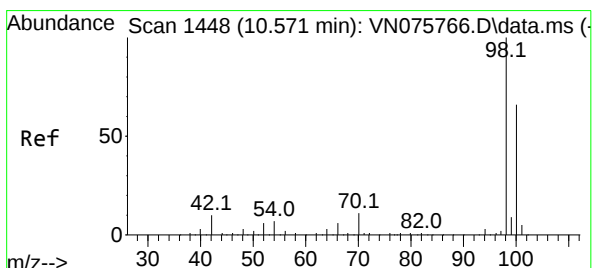
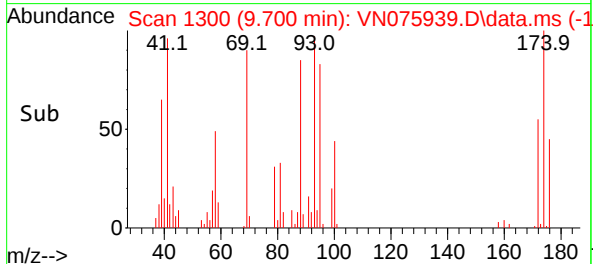
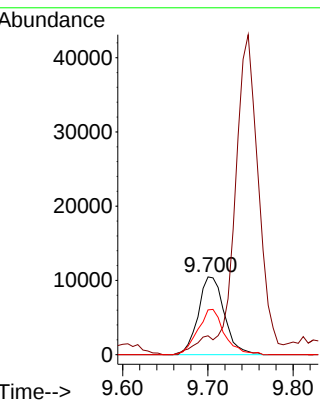
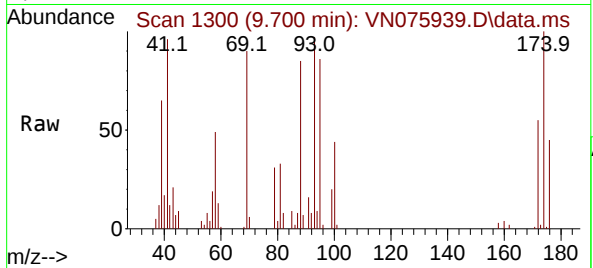
58 59.2 47.8 71.8

Manual Integrations

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Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#50

Toluene-d8

Concen: 52.440 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075939.D

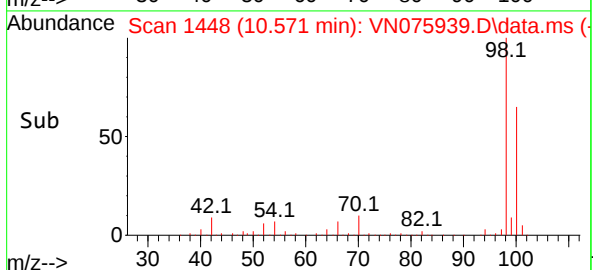
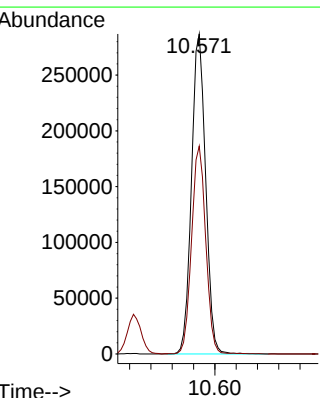
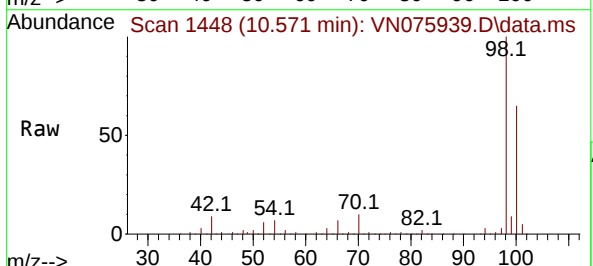
Acq: 22 Dec 2022 12:51

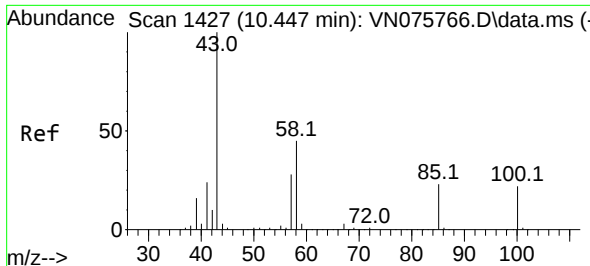
Tgt Ion: 98 Resp: 527280

Ion Ratio Lower Upper

98 100

100 65.2 52.1 78.1





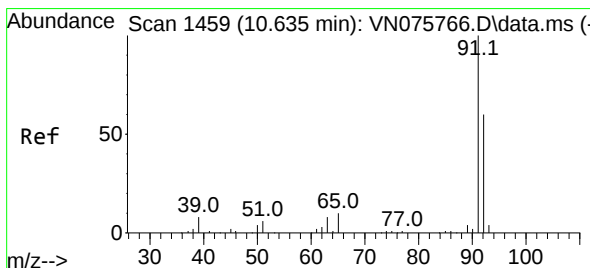
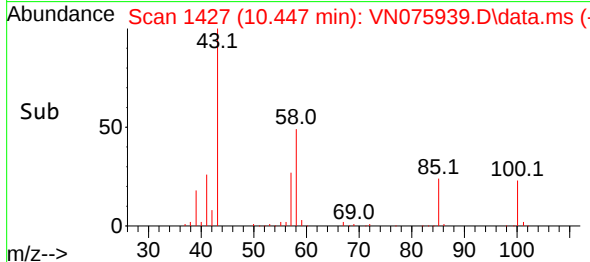
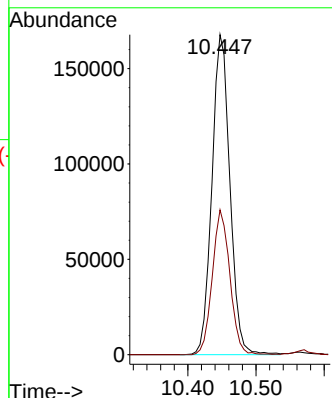
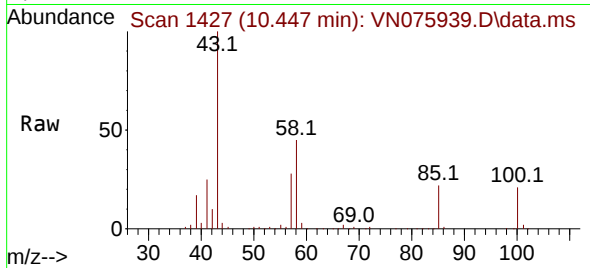
#51
4-Methyl-2-Pentanone
Concen: 107.653 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Tgt Ion: 43 Resp: 308168
Ion Ratio Lower Upper
43 100
58 44.3 35.5 53.3

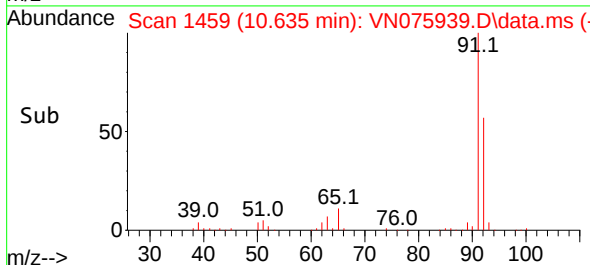
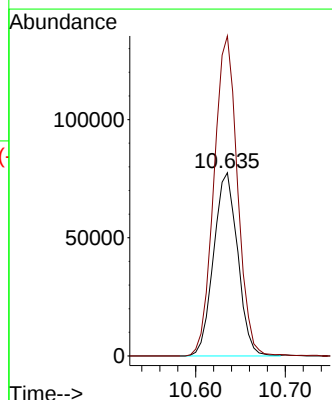
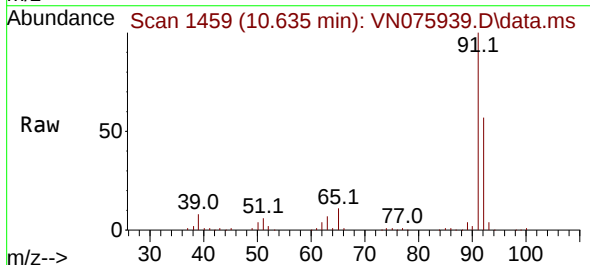
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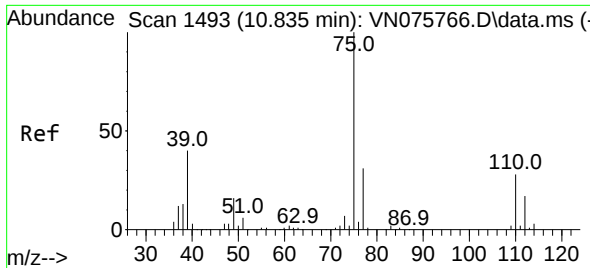
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#52
Toluene
Concen: 20.081 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion: 92 Resp: 144152
Ion Ratio Lower Upper
92 100
91 171.7 137.3 205.9





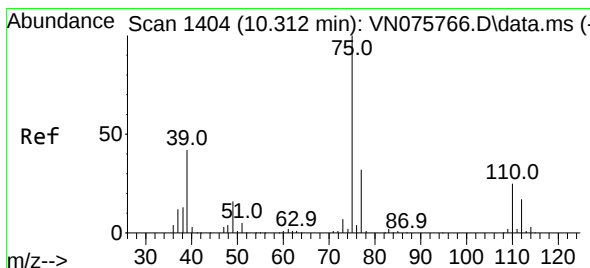
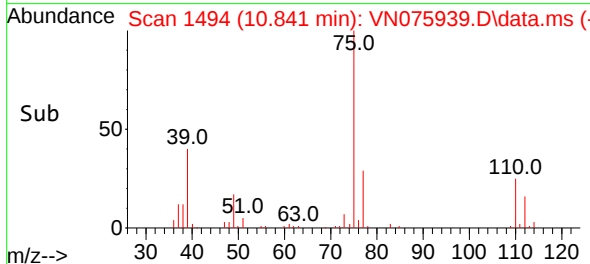
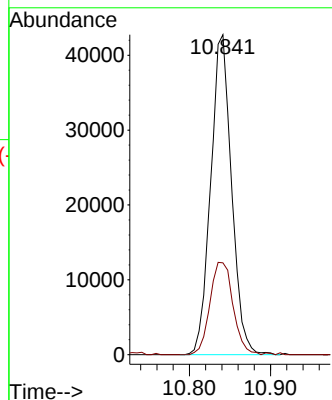
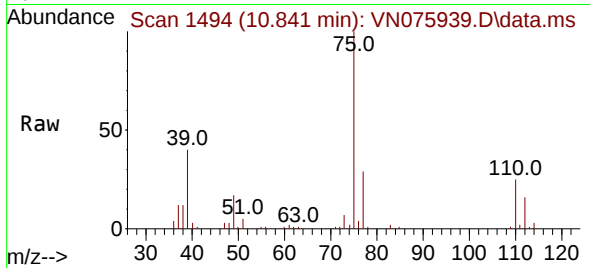
#53
 t-1,3-Dichloropropene
 Concen: 19.992 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN075939.D
 Acq: 22 Dec 2022 12:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222WBSD01

Tgt Ion: 75 Resp: 76348
 Ion Ratio Lower Upper
 75 100
 77 28.7 24.9 37.3

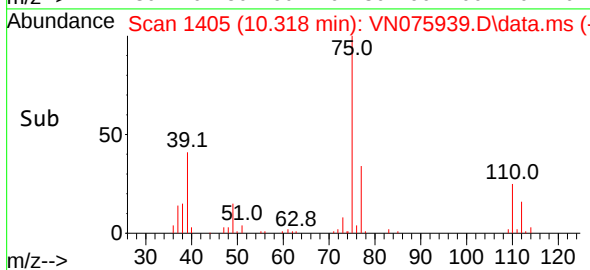
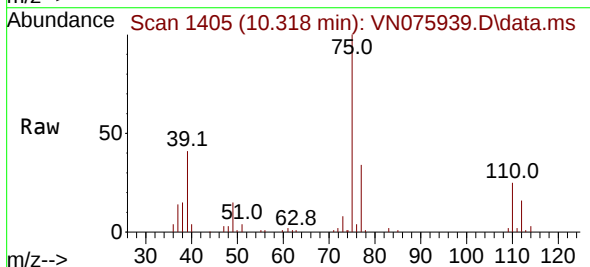
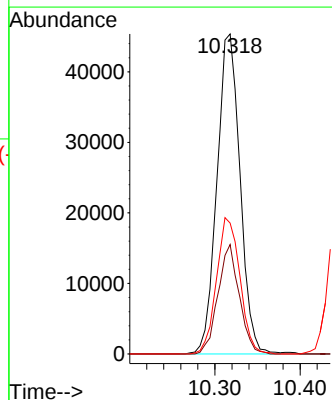
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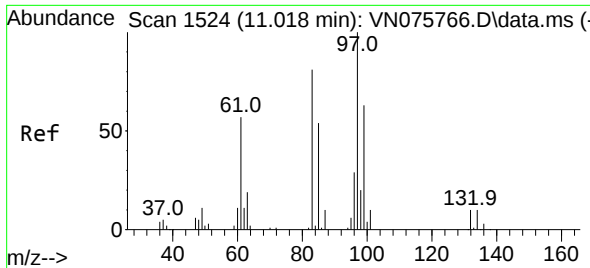
Reviewed By :John Carlone 12/27/2022
 Supervised By :Mahesh Dadoda 12/27/2022



#54
 cis-1,3-Dichloropropene
 Concen: 20.366 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075939.D
 Acq: 22 Dec 2022 12:51

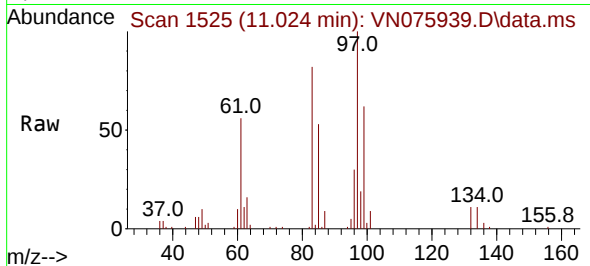
Tgt Ion: 75 Resp: 85393
 Ion Ratio Lower Upper
 75 100
 77 34.2 25.8 38.8
 39 40.9 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 20.145 ug/l
RT: 11.024 min Scan# 11024
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

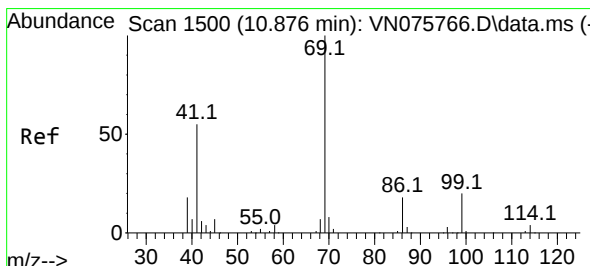
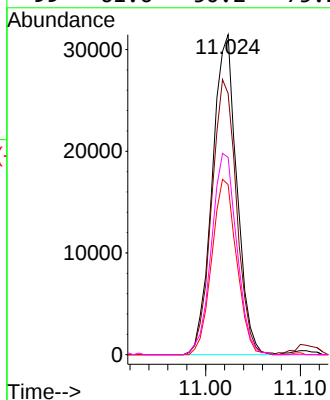
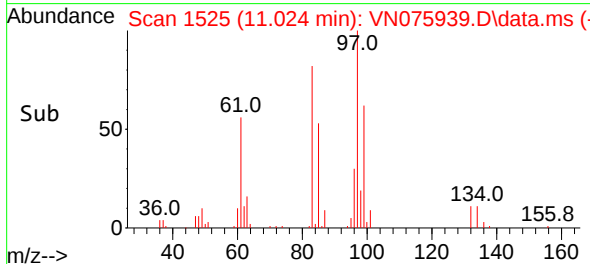


Tgt Ion: 97 Resp: 56759

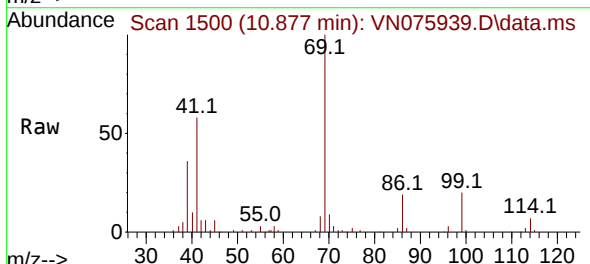
Ion	Ratio	Lower	Upper
97	100		
83	81.6	65.0	97.4
85	53.2	43.0	64.6
99	61.6	50.2	75.2

Manual Integrations
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Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

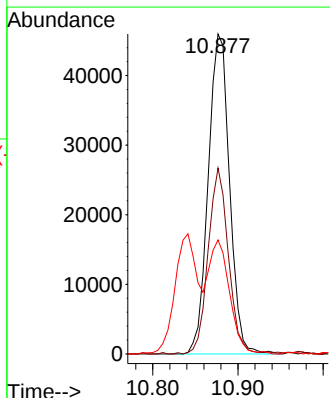
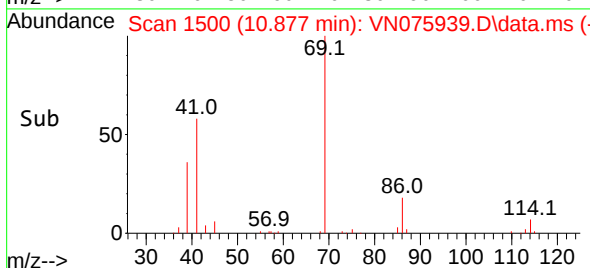


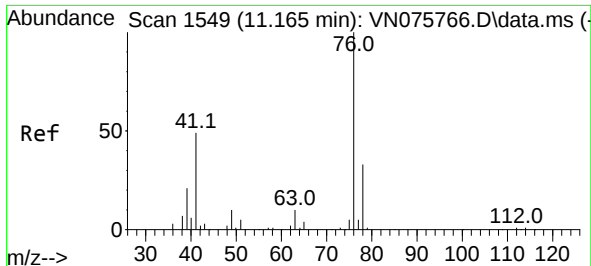
#56
Ethyl methacrylate
Concen: 21.345 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51



Tgt Ion: 69 Resp: 79884

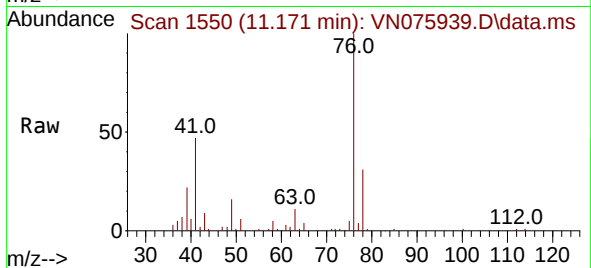
Ion	Ratio	Lower	Upper
69	100		
41	55.2	44.2	66.4
39	35.2	26.4	39.6





#57
1,3-Dichloropropane
Concen: 20.295 ug/l
RT: 11.171 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

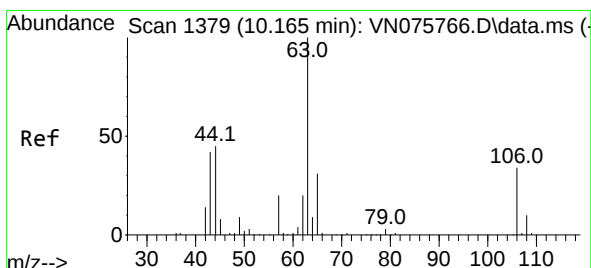
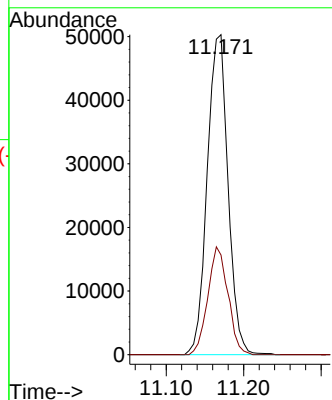
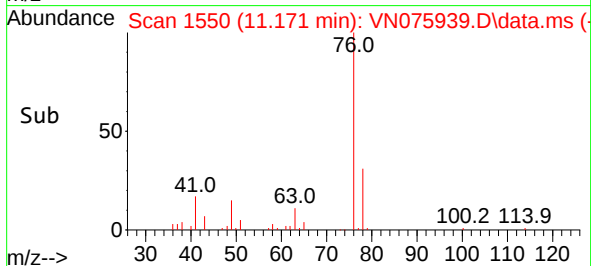
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01



Tgt Ion: 76 Resp: 9379
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.2

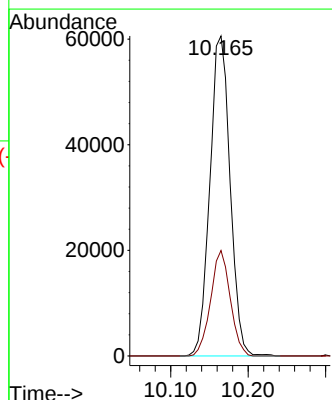
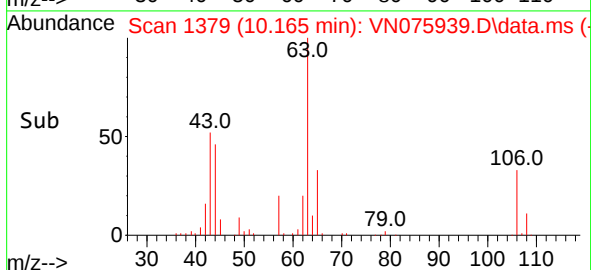
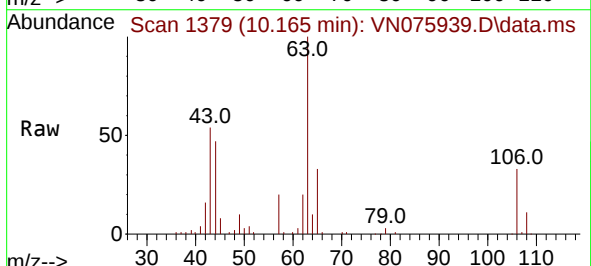
Manual Integrations
APPROVED

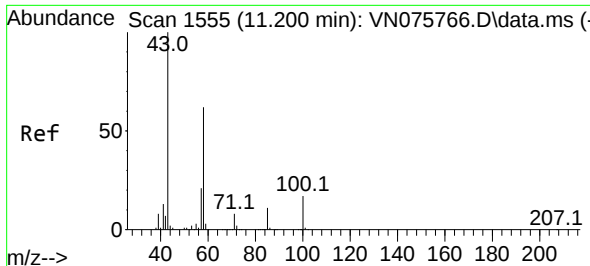
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#58
2-Chloroethyl Vinyl ether
Concen: 92.076 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

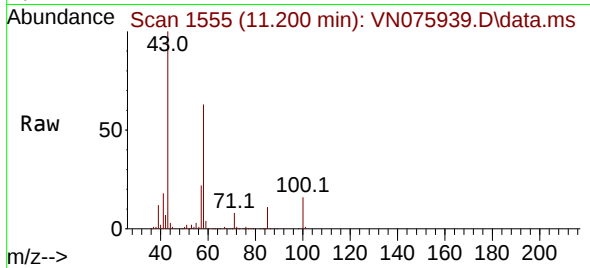
Tgt Ion: 63 Resp: 109713
Ion Ratio Lower Upper
63 100
106 32.0 26.4 39.6





#59
2-Hexanone
Concen: 106.654 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

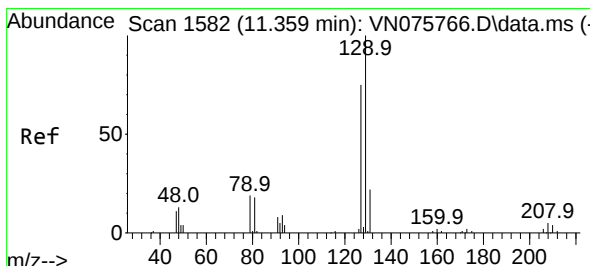
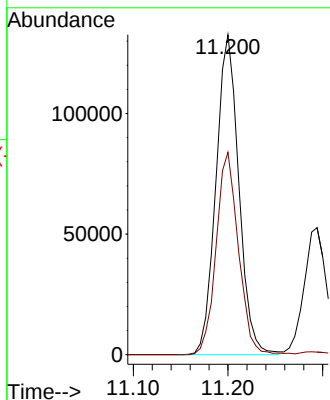
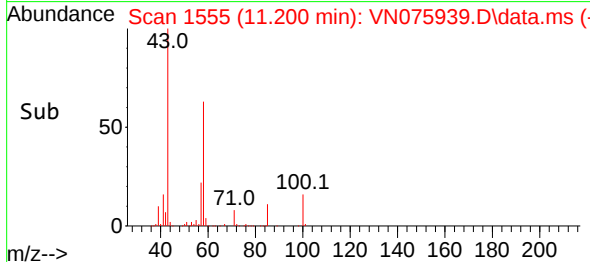
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01



Tgt Ion: 43 Resp: 22265
Ion Ratio Lower Upper
43 100
58 61.7 30.6 92.0

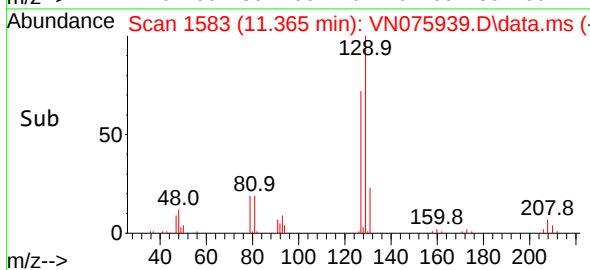
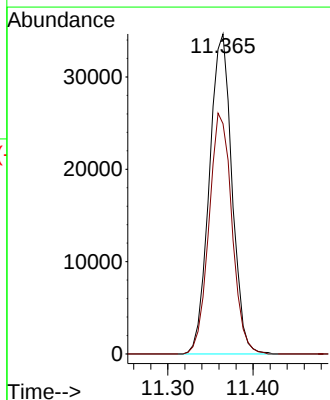
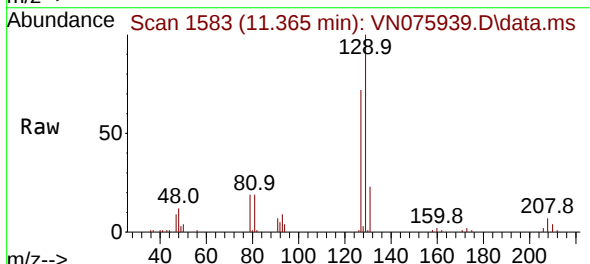
Manual Integrations
APPROVED

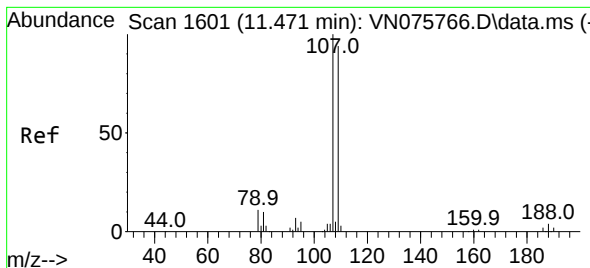
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#60
Dibromochloromethane
Concen: 20.404 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion:129 Resp: 63933
Ion Ratio Lower Upper
129 100
127 76.4 38.3 114.9





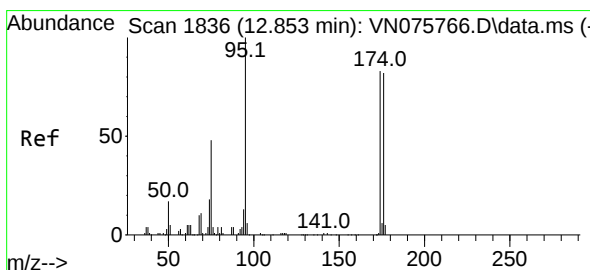
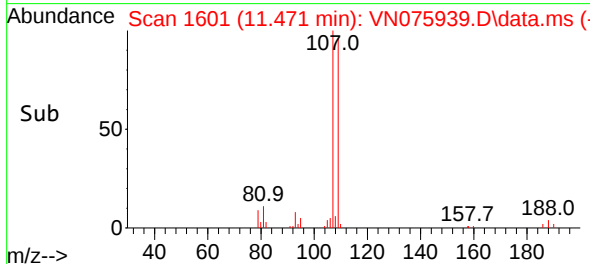
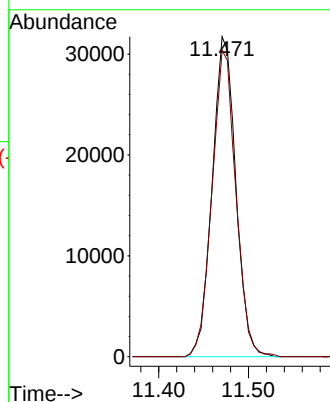
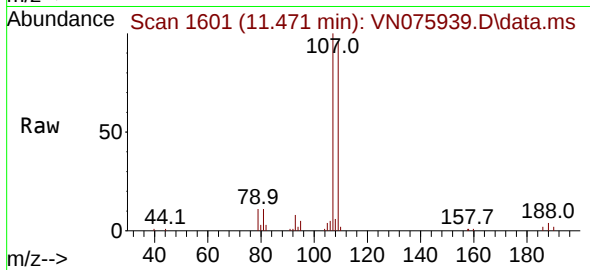
#61
1,2-Dibromoethane
Concen: 20.300 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Tgt Ion:107 Resp: 5788
Ion Ratio Lower Upper
107 100
109 96.7 74.8 112.2

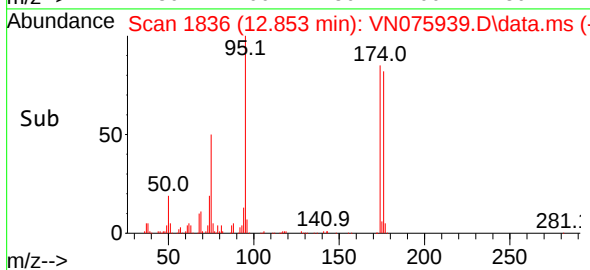
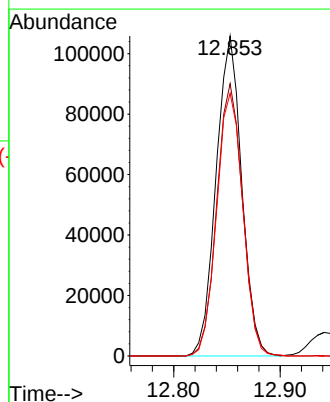
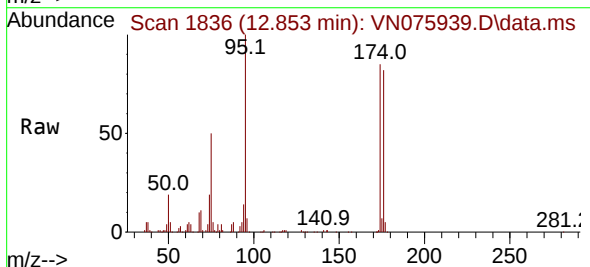
Manual Integrations
APPROVED

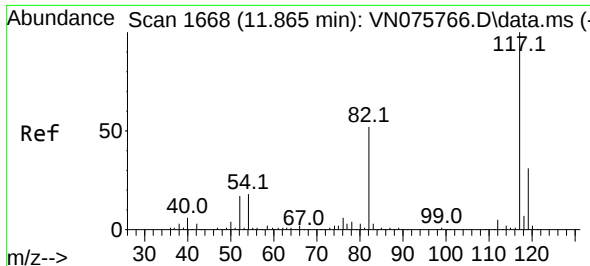
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#62
4-Bromofluorobenzene
Concen: 52.965 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

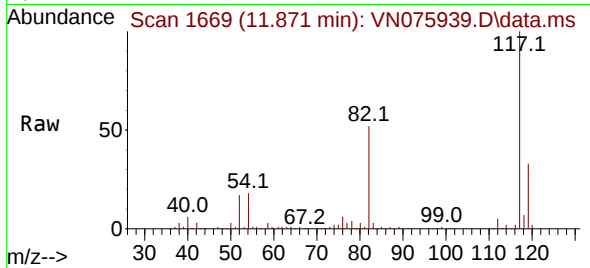
Tgt Ion: 95 Resp: 176389
Ion Ratio Lower Upper
95 100
174 86.2 0.0 171.6
176 84.0 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

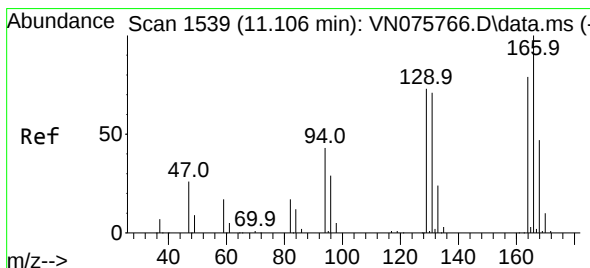
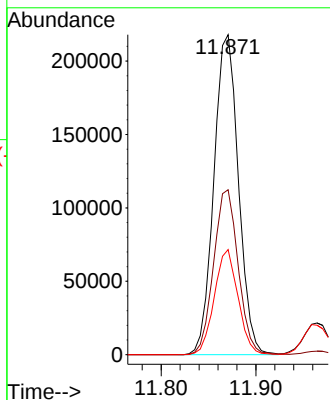
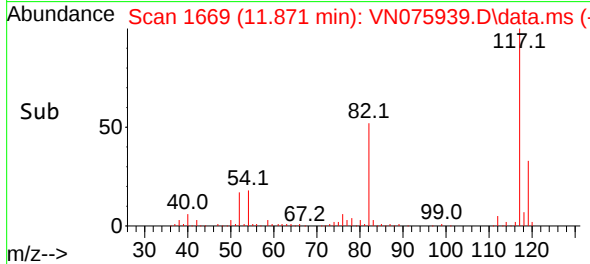
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01



Tgt Ion:117 Resp: 392885
Ion Ratio Lower Upper
117 100
82 51.6 41.3 61.9
119 32.9 24.6 37.0

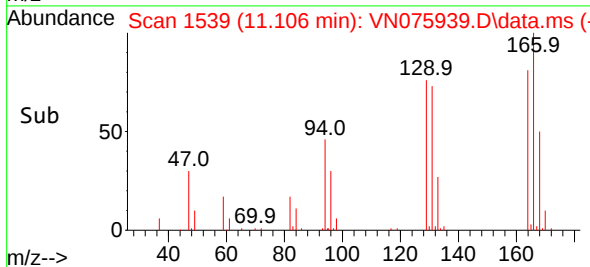
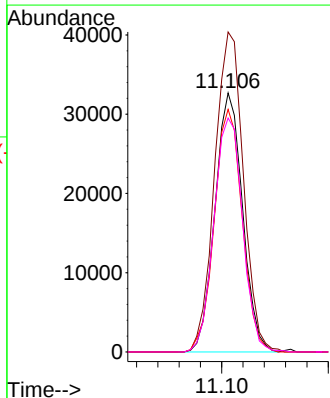
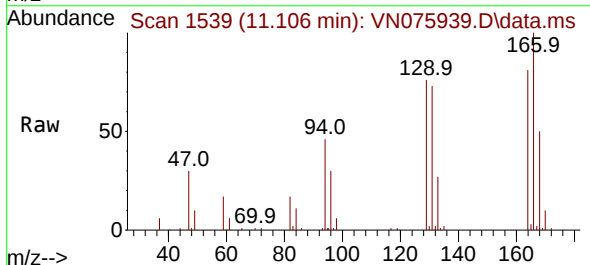
Manual Integrations
APPROVED

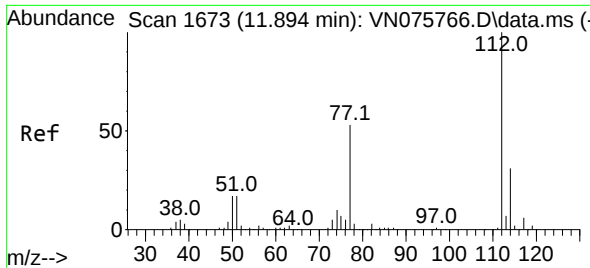
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#64
Tetrachloroethene
Concen: 21.281 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

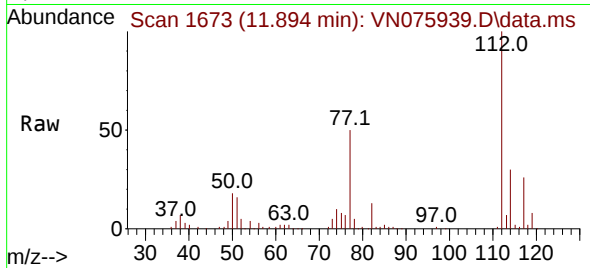
Tgt Ion:164 Resp: 58833
Ion Ratio Lower Upper
164 100
166 123.5 101.9 152.9
129 93.7 74.2 111.2
131 90.3 72.4 108.6





#65
Chlorobenzene
Concen: 19.487 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

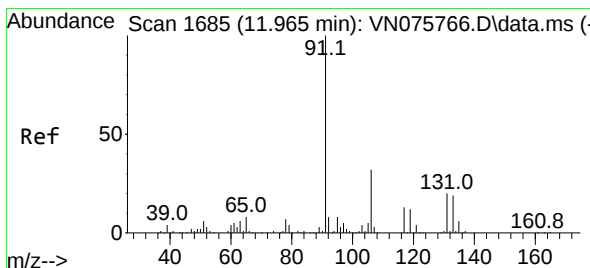
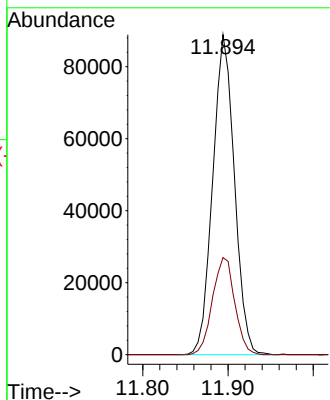
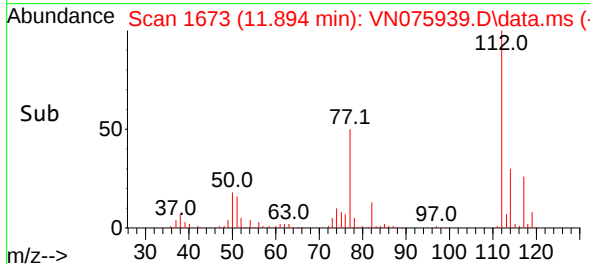
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01



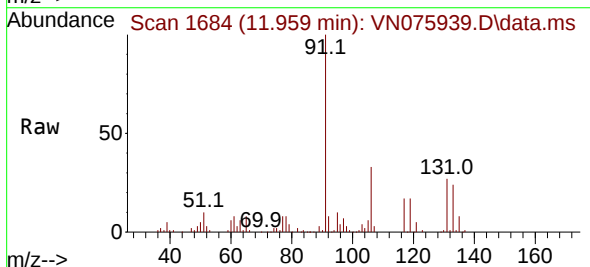
Tgt Ion:112 Resp: 157139
Ion Ratio Lower Upper
112 100
114 30.3 24.7 37.1

Manual Integrations
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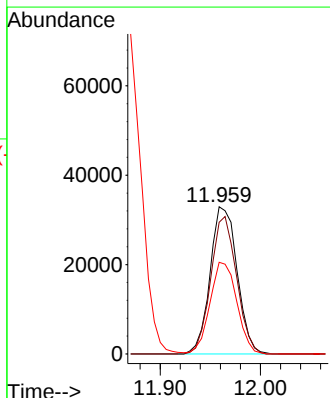
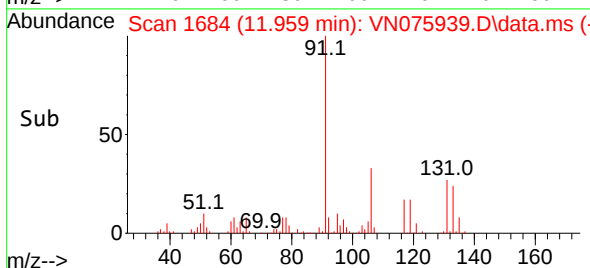
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

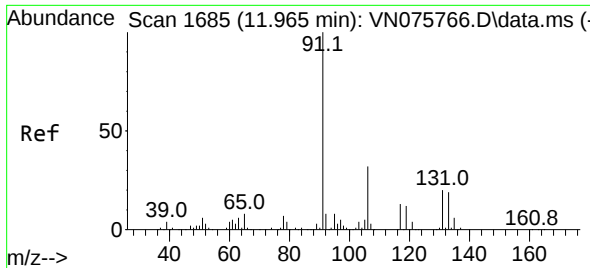


#66
1,1,1,2-Tetrachloroethane
Concen: 20.592 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51



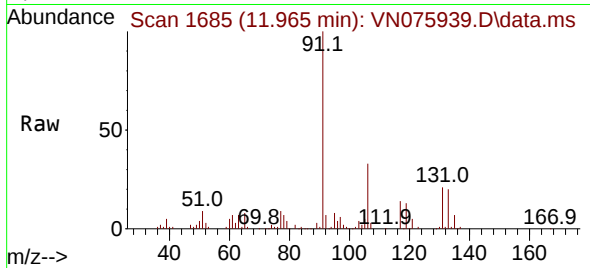
Tgt Ion:131 Resp: 61504
Ion Ratio Lower Upper
131 100
133 89.5 47.5 142.5
119 62.1 31.9 95.7





#67
Ethyl Benzene
Concen: 19.577 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

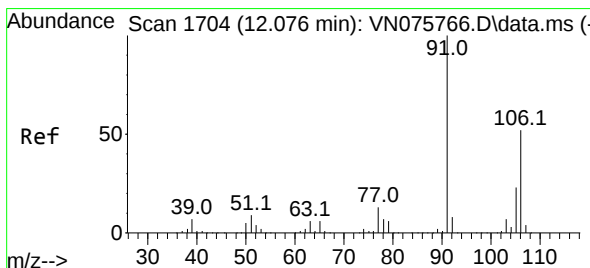
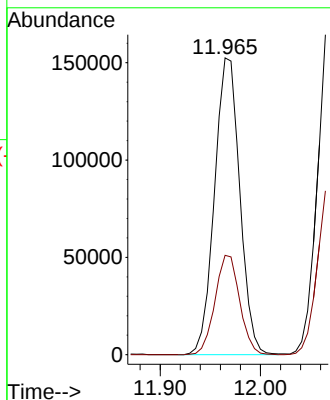
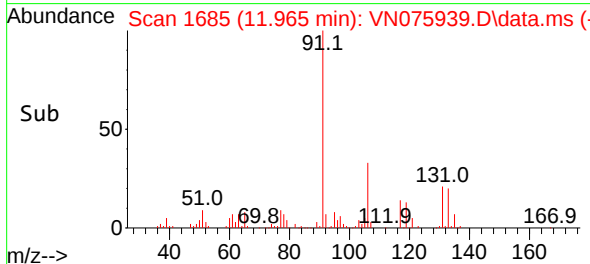
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01



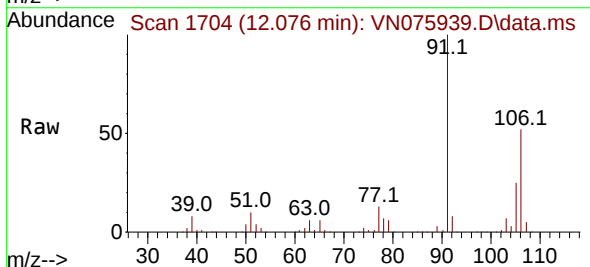
Tgt Ion: 91 Resp: 266435
Ion Ratio Lower Upper
91 100
106 33.5 25.7 38.5

Manual Integrations
APPROVED

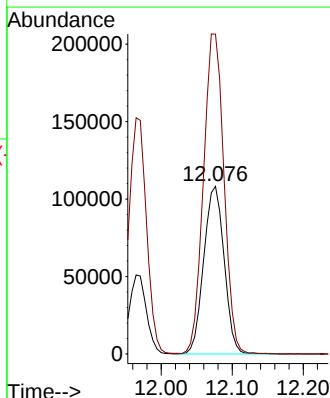
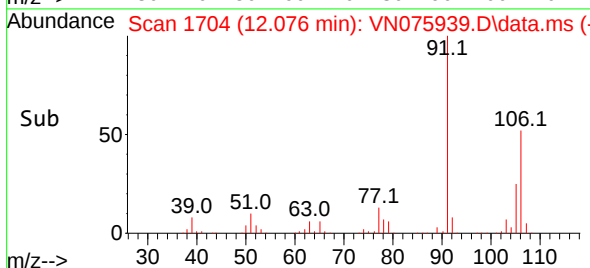
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

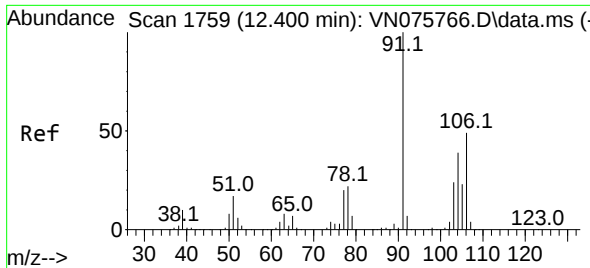


#68
m/p-Xylenes
Concen: 40.106 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51



Tgt Ion:106 Resp: 216043
Ion Ratio Lower Upper
106 100
91 192.0 156.6 235.0





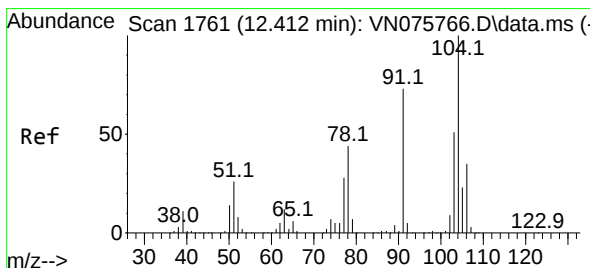
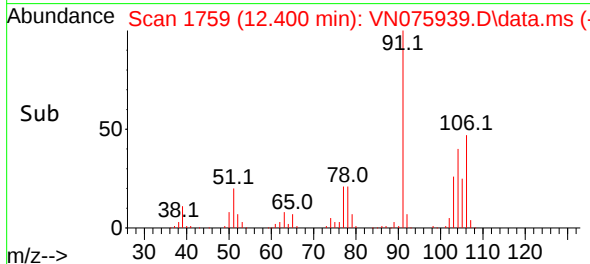
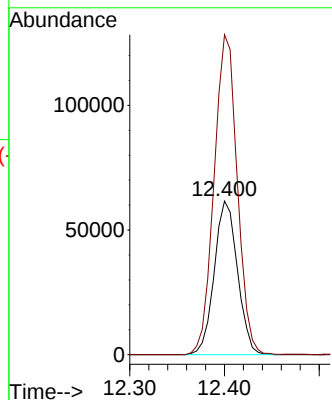
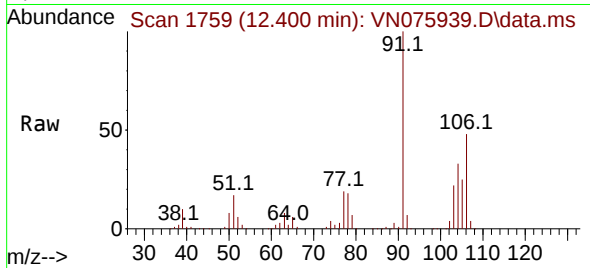
#69
o-Xylene
Concen: 19.684 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Tgt Ion:106 Resp: 104929
Ion Ratio Lower Upper
106 100
91 208.2 103.8 311.6

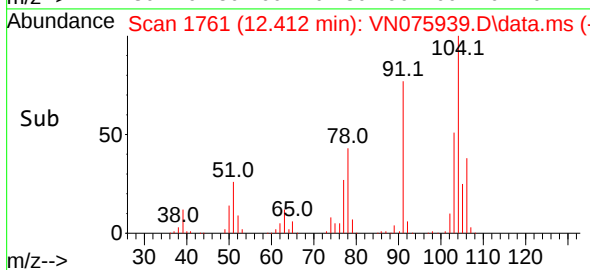
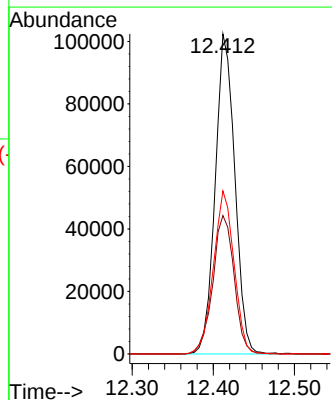
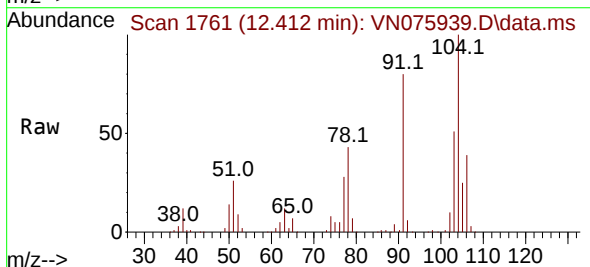
Manual Integrations
APPROVED

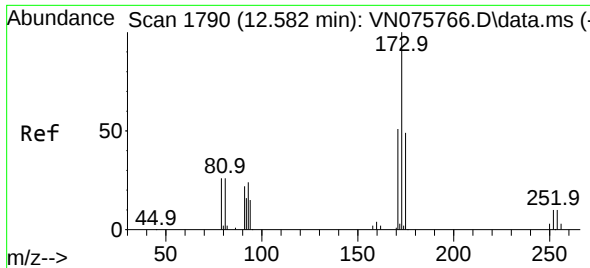
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#70
Styrene
Concen: 20.287 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

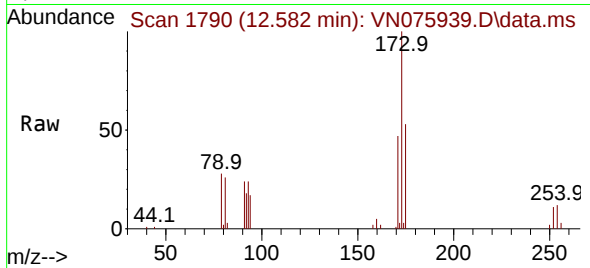
Tgt Ion:104 Resp: 171949
Ion Ratio Lower Upper
104 100
78 47.1 37.5 56.3
103 53.6 43.5 65.3





#71
Bromoform
Concen: 20.721 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

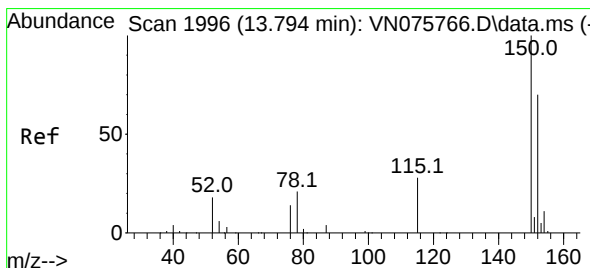
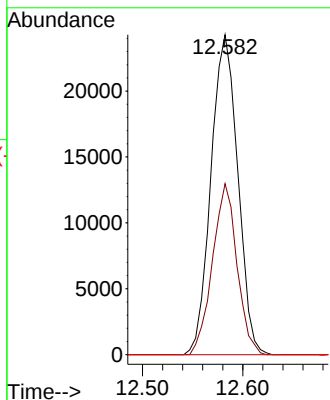
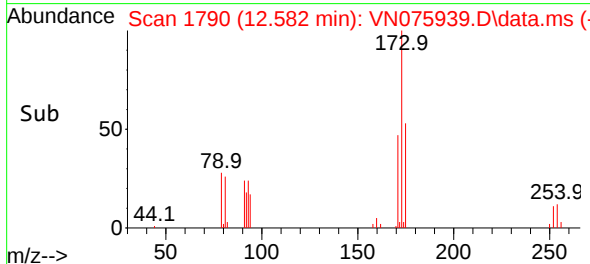
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01



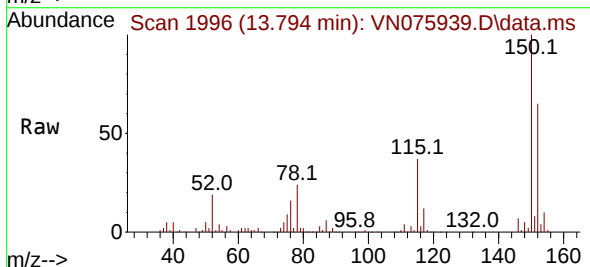
Tgt Ion:173 Resp: 45039
Ion Ratio Lower Upper
173 100
175 48.9 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

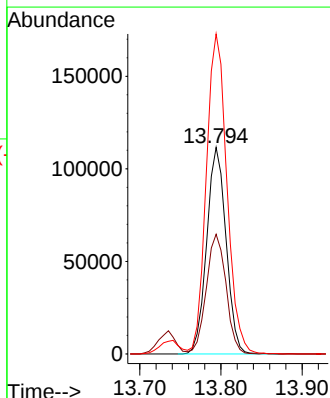
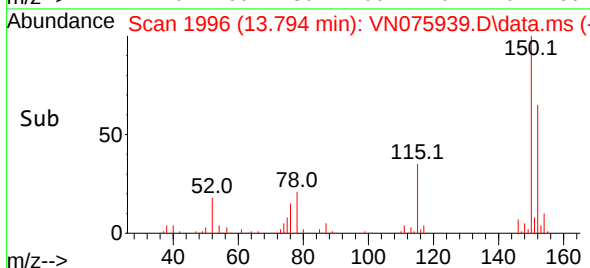
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

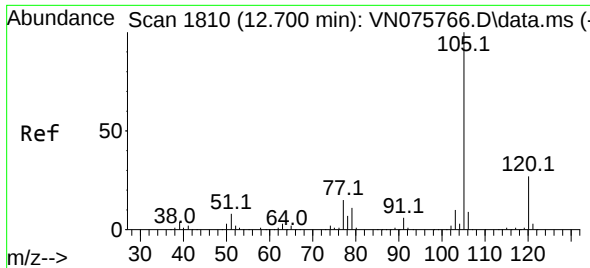


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51



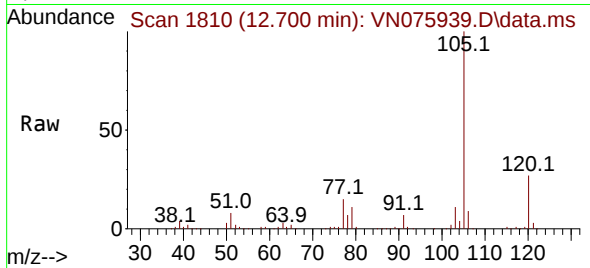
Tgt Ion:152 Resp: 184706
Ion Ratio Lower Upper
152 100
115 59.0 29.1 87.4
150 164.4 0.0 347.0





#73
Isopropylbenzene
Concen: 20.668 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

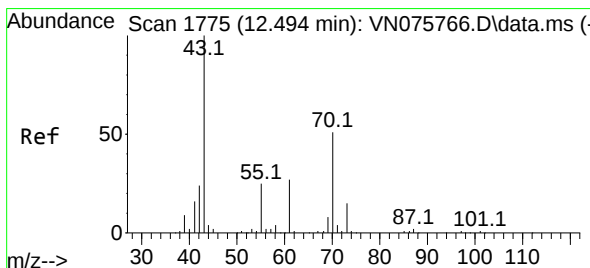
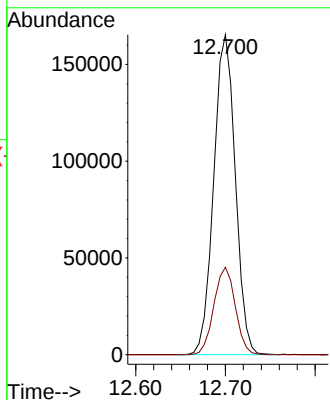
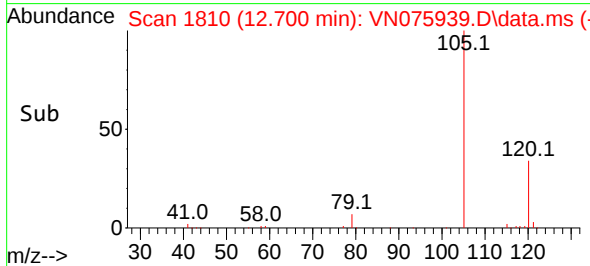
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01



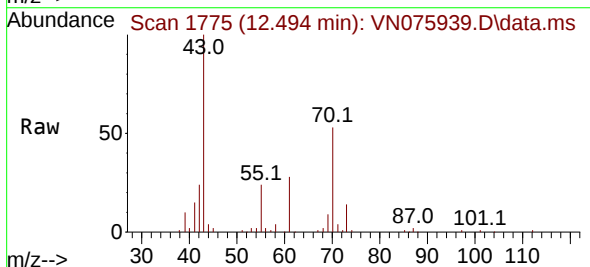
Tgt Ion:105 Resp: 275874
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2

Manual Integrations
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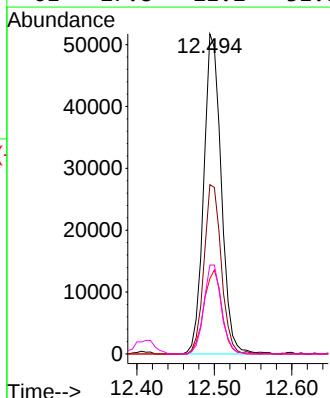
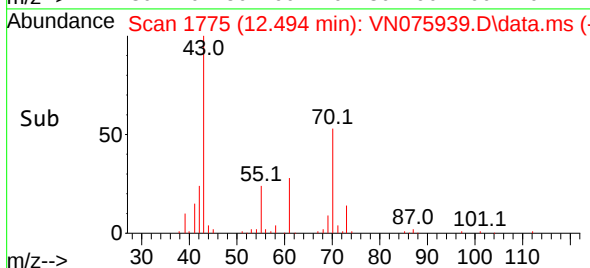
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

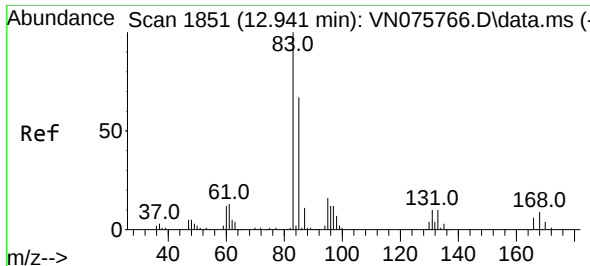


#74
N-ethyl acetate
Concen: 20.741 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51



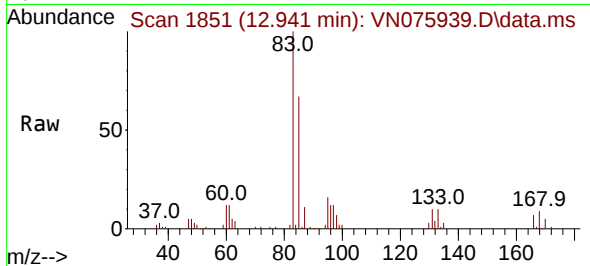
Tgt Ion: 43 Resp: 81218
Ion Ratio Lower Upper
43 100
70 52.2 41.4 62.0
55 26.9 21.3 31.9
61 27.8 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 19.628 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

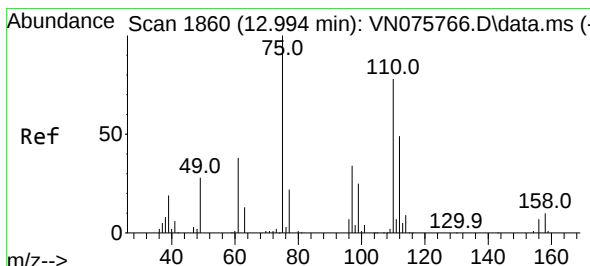
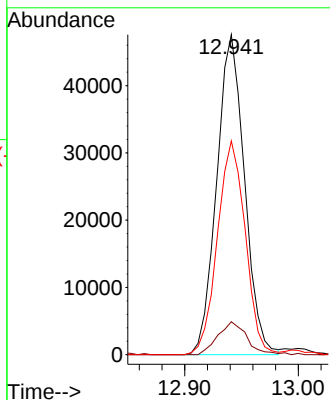
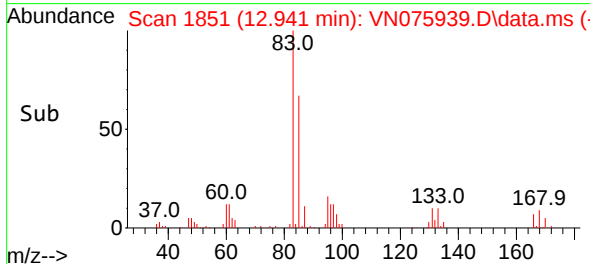
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01



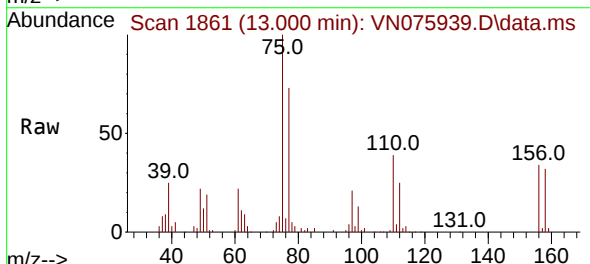
Tgt Ion: 83 Resp: 80989
Ion Ratio Lower Upper
83 100
131 10.8 5.6 16.8
85 66.8 32.6 98.0

Manual Integrations
APPROVED

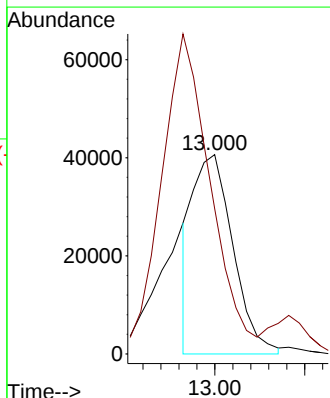
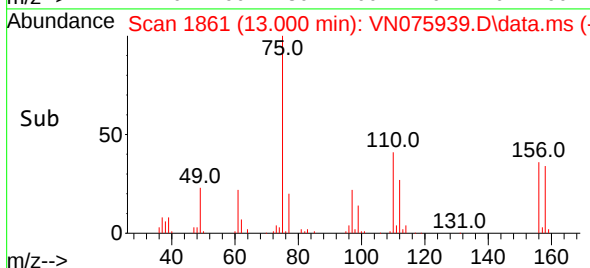
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

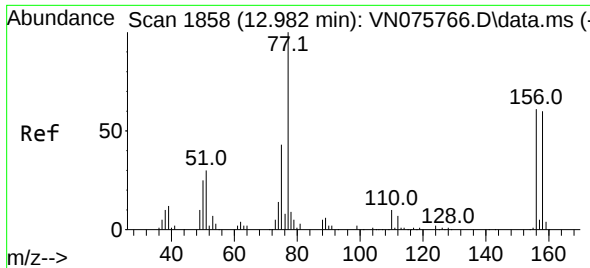


#76
1,2,3-Trichloropropane
Concen: 16.918 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51



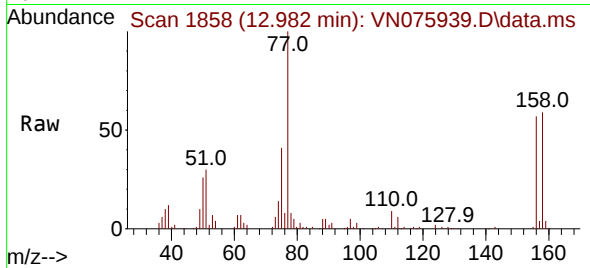
Tgt Ion: 75 Resp: 62989
Ion Ratio Lower Upper
75 100
77 196.8 82.6 247.8





#77
Bromobenzene
Concen: 19.346 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

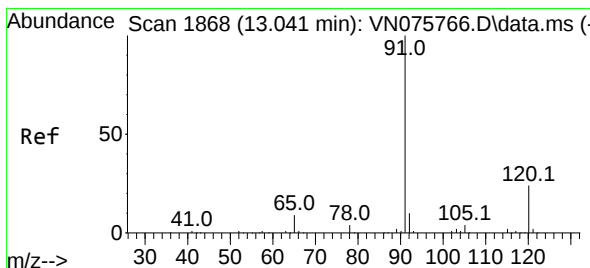
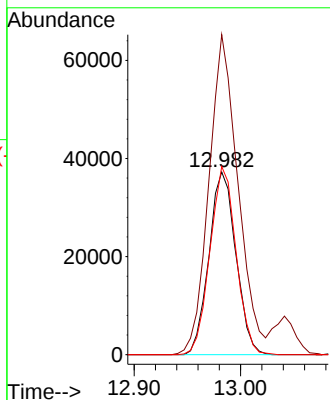
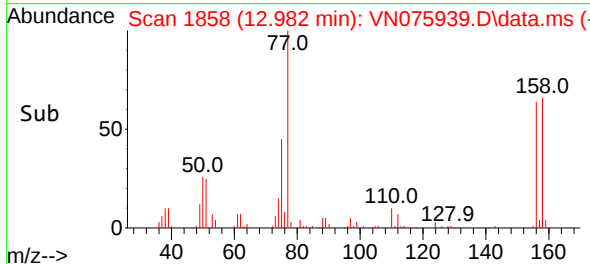
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01



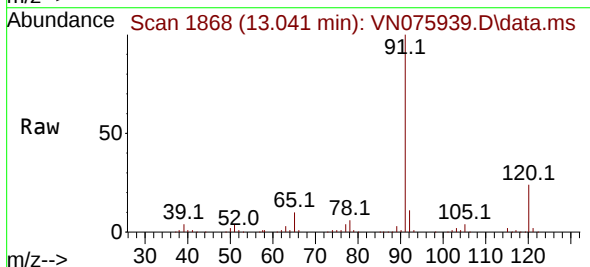
Tgt Ion:156 Resp: 6535
Ion Ratio Lower Upper
156 100
77 189.7 93.8 281.3
158 99.8 48.9 146.6

Manual Integrations
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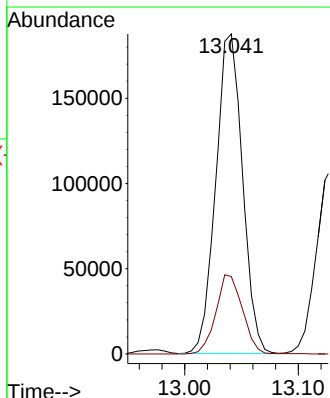
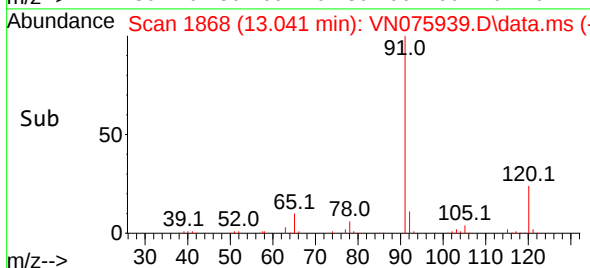
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

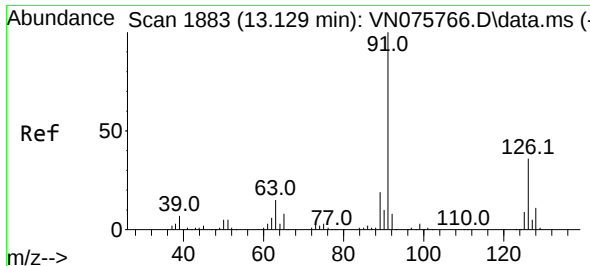


#78
n-propylbenzene
Concen: 20.801 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51



Tgt Ion: 91 Resp: 306229
Ion Ratio Lower Upper
91 100
120 24.6 12.0 36.1





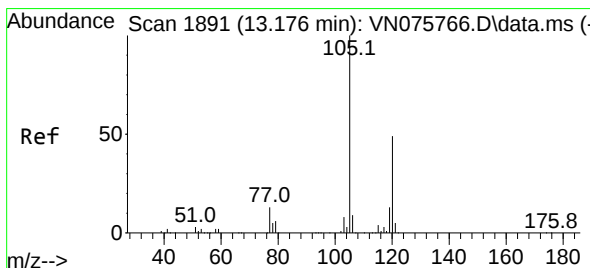
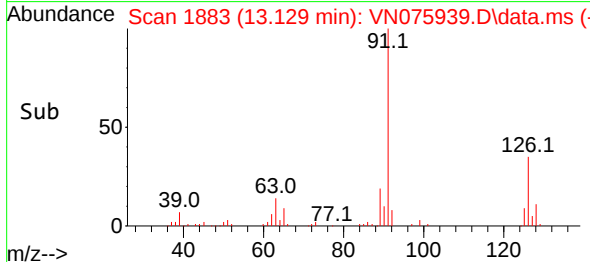
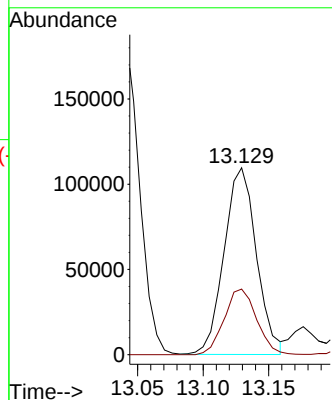
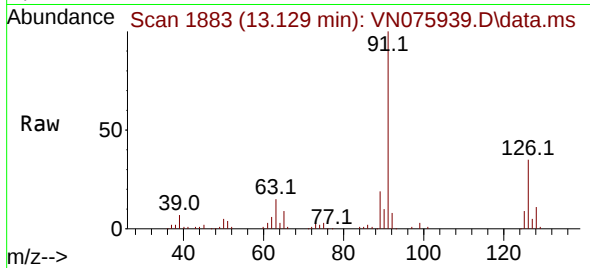
#79
2-Chlorotoluene
Concen: 20.441 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Tgt Ion: 91 Resp: 187852
Ion Ratio Lower Upper
91 100
126 35.3 17.5 52.5

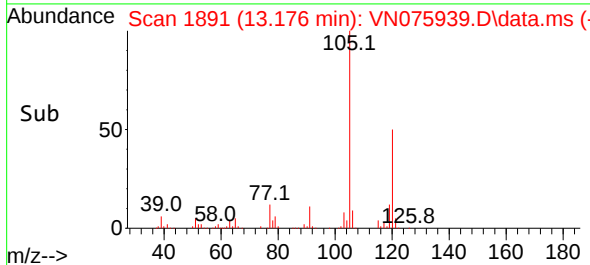
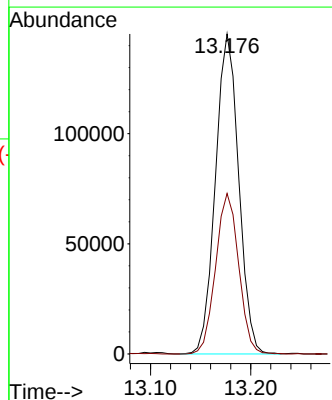
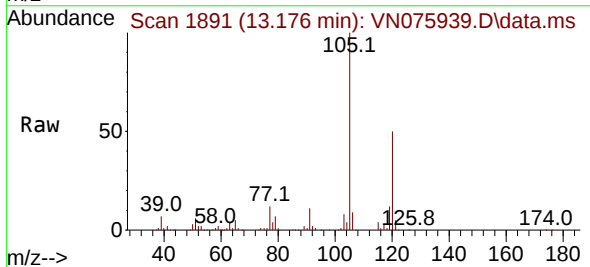
Manual Integrations
APPROVED

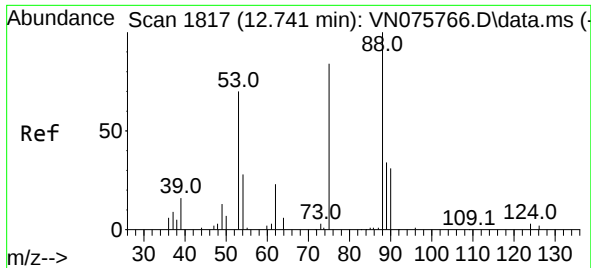
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.936 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

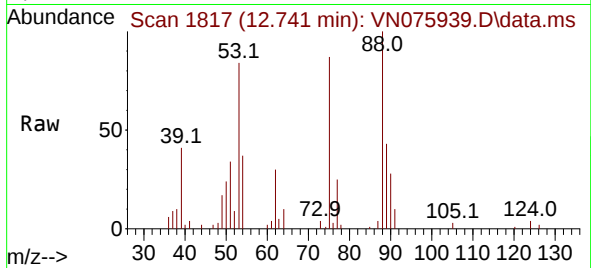
Tgt Ion:105 Resp: 233884
Ion Ratio Lower Upper
105 100
120 49.7 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 20.179 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

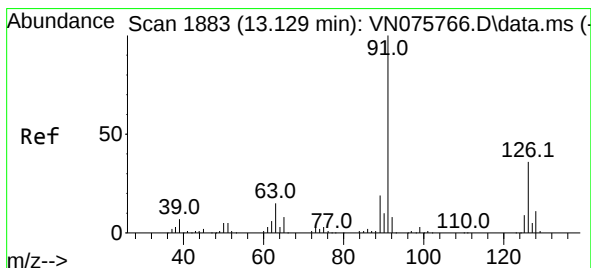
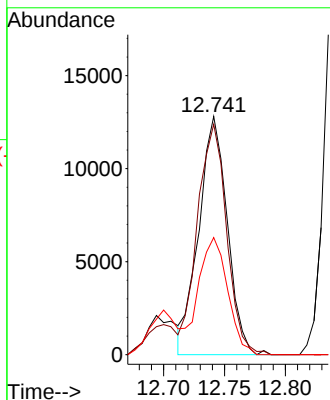
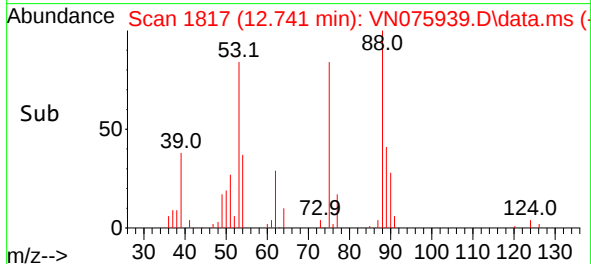
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01



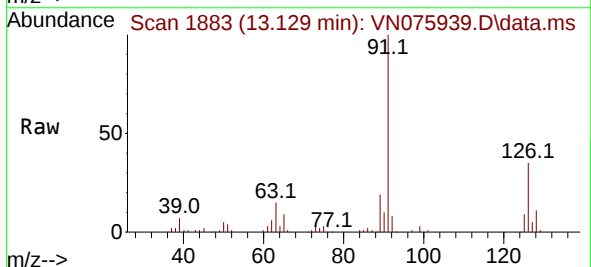
Tgt Ion: 75 Resp: 2087
Ion Ratio Lower Upper
75 100
53 99.1 73.8 110.6
89 51.5 39.5 59.3

Manual Integrations
APPROVED

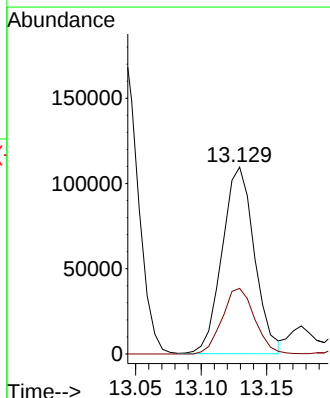
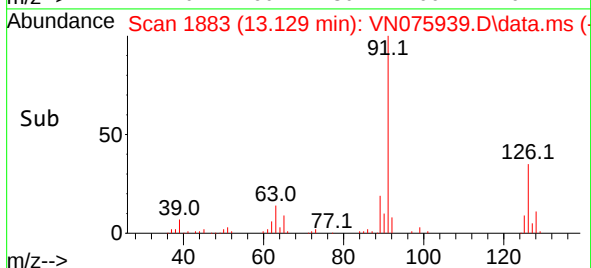
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

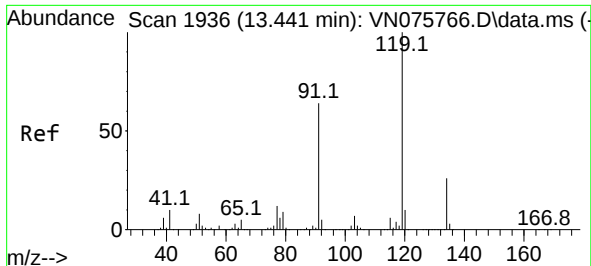


#82
4-Chlorotoluene
Concen: 20.441 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51



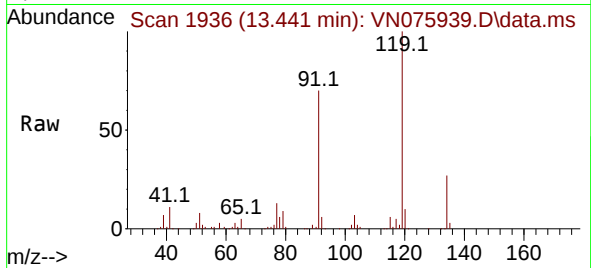
Tgt Ion: 91 Resp: 187852
Ion Ratio Lower Upper
91 100
126 35.3 17.5 52.5





#83
tert-Butylbenzene
Concen: 21.385 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

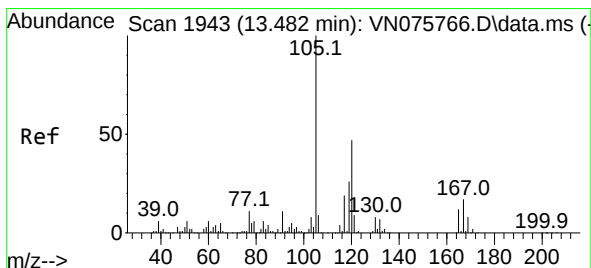
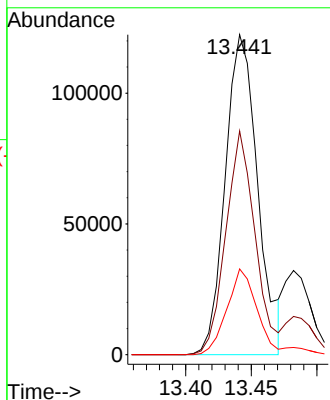
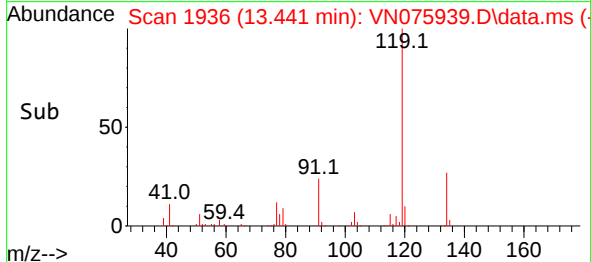
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01



Tgt Ion:119 Resp: 210634
Ion Ratio Lower Upper
119 100
91 63.3 31.9 95.5
134 26.2 13.8 41.4

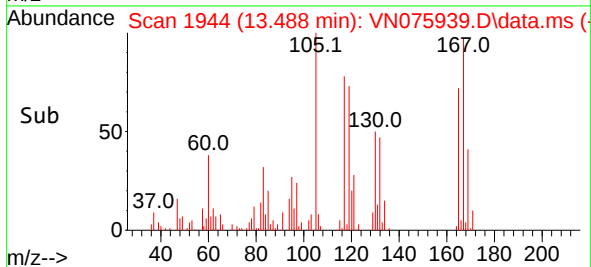
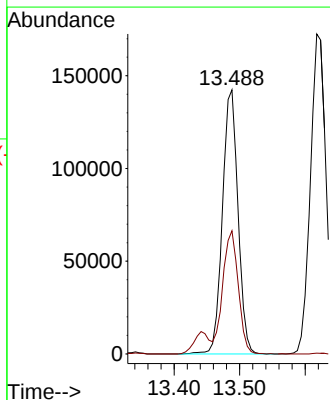
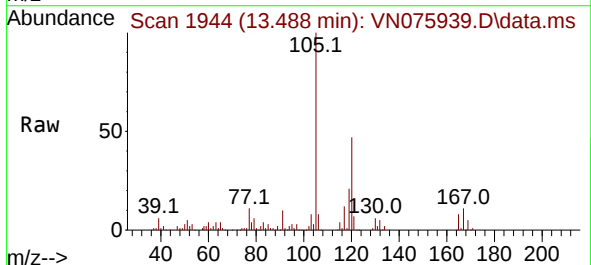
Manual Integrations
APPROVED

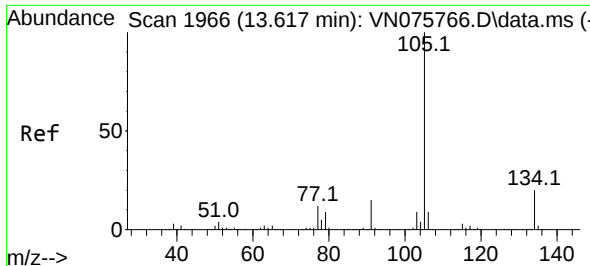
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#84
1,2,4-Trimethylbenzene
Concen: 21.097 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

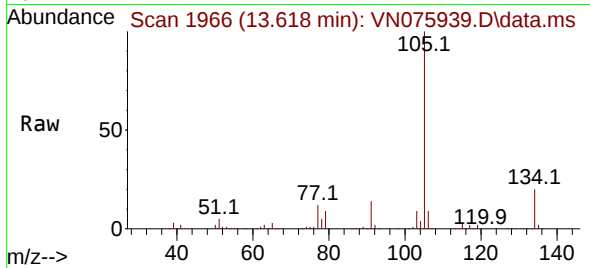
Tgt Ion:105 Resp: 233809
Ion Ratio Lower Upper
105 100
120 46.4 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 21.069 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075939.D
 Acq: 22 Dec 2022 12:51

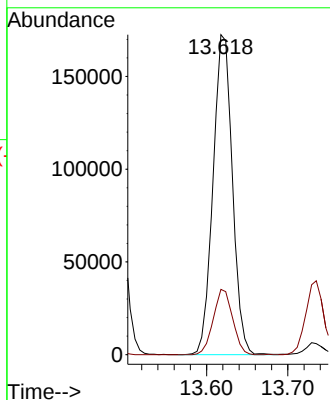
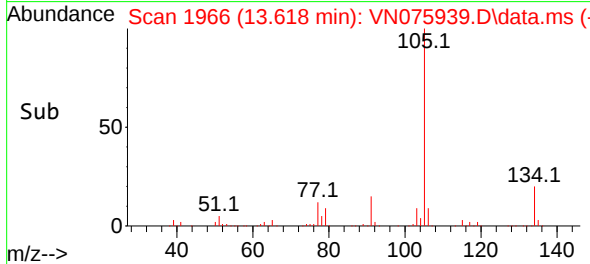
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222WBSD01



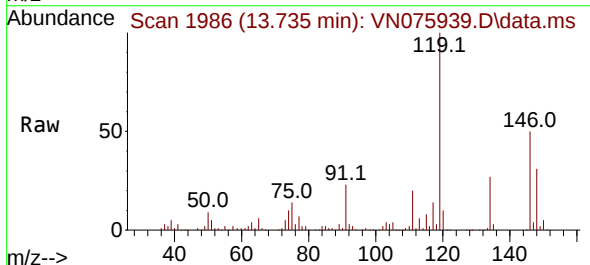
Tgt Ion:105 Resp: 286430
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1

Manual Integrations
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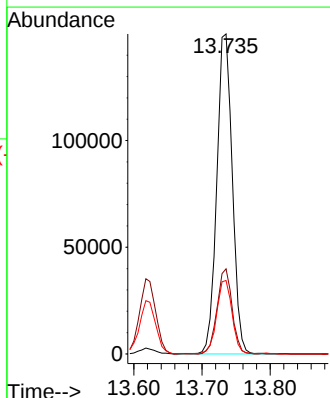
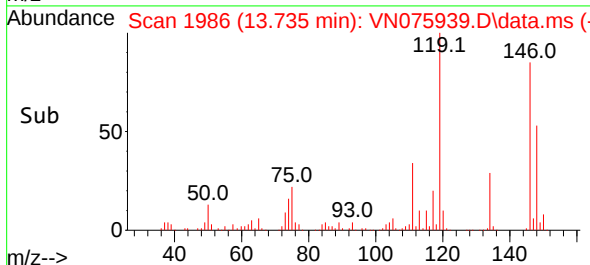
Reviewed By :John Carlone 12/27/2022
 Supervised By :Mahesh Dadoda 12/27/2022

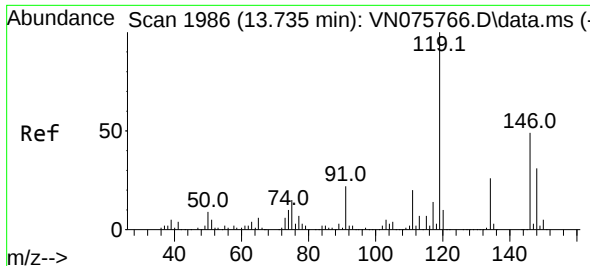


#86
 p-Isopropyltoluene
 Concen: 21.007 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075939.D
 Acq: 22 Dec 2022 12:51



Tgt Ion:119 Resp: 237625
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 22.9 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 20.216 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075939.D

Acq: 22 Dec 2022 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN1222WBSD01

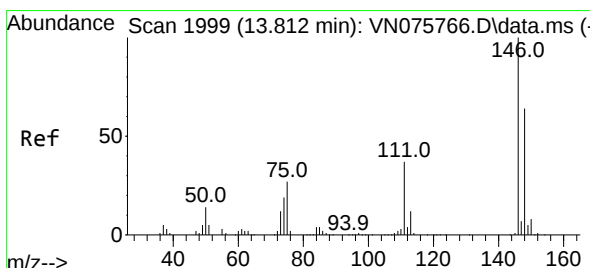
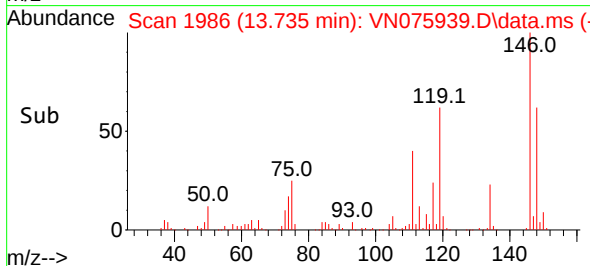
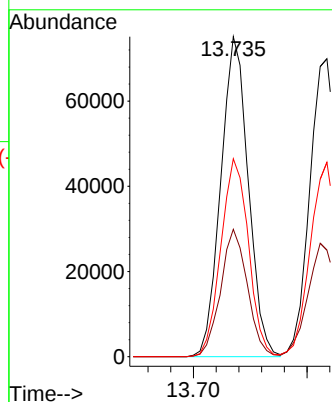
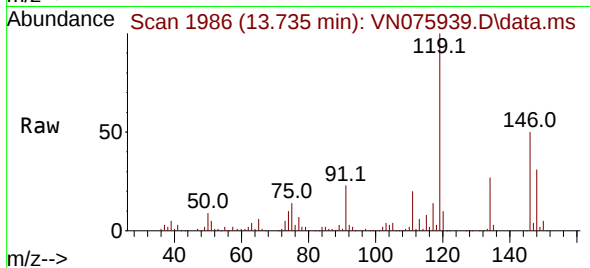
Tgt Ion:146 Resp: 126140
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.7 59.0
 148 62.2 31.4 94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#88

1,4-Dichlorobenzene

Concen: 19.238 ug/l

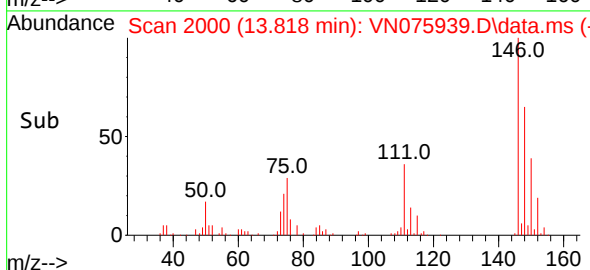
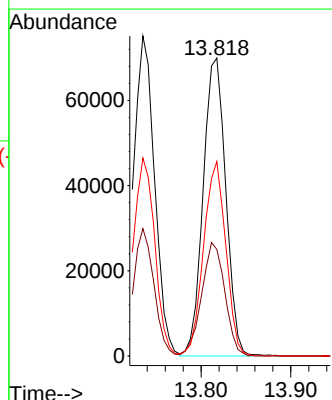
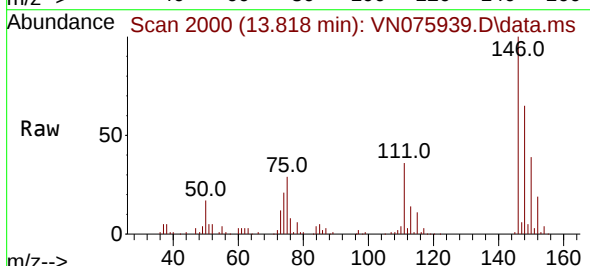
RT: 13.818 min Scan# 2000

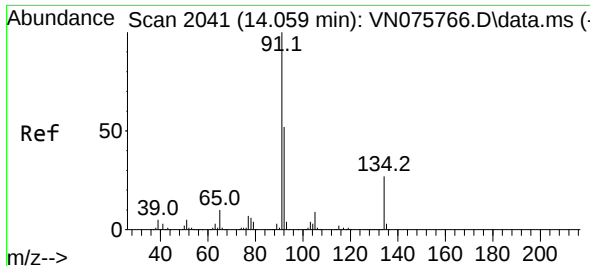
Delta R.T. 0.006 min

Lab File: VN075939.D

Acq: 22 Dec 2022 12:51

Tgt Ion:146 Resp: 122633
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.1 57.1
 148 64.1 32.0 96.2





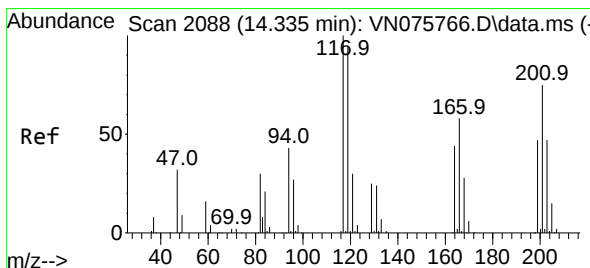
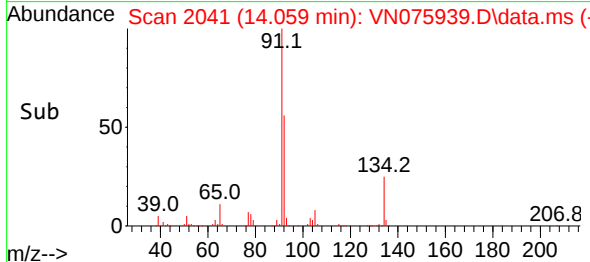
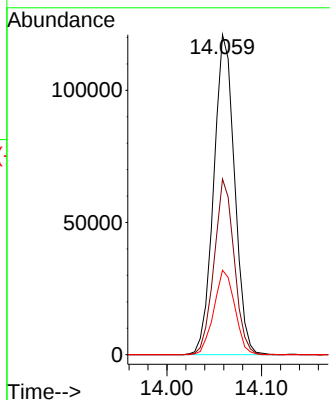
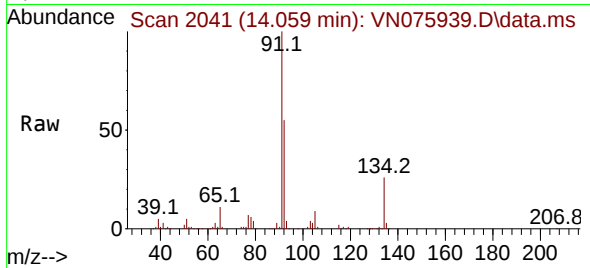
#89
n-Butylbenzene
Concen: 20.203 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Tgt Ion: 91 Resp: 185140
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.2
134 26.5 13.4 40.2

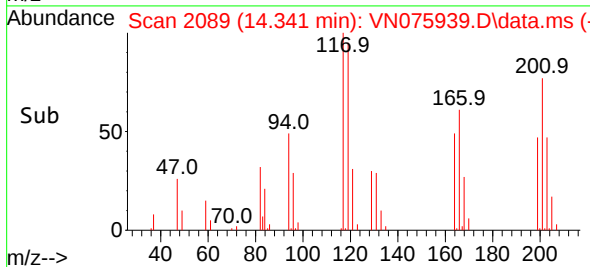
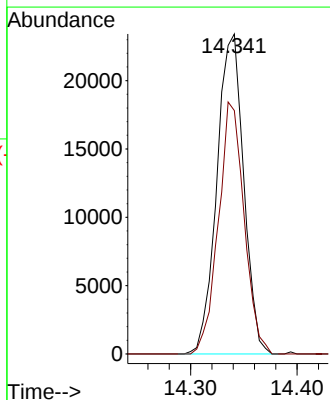
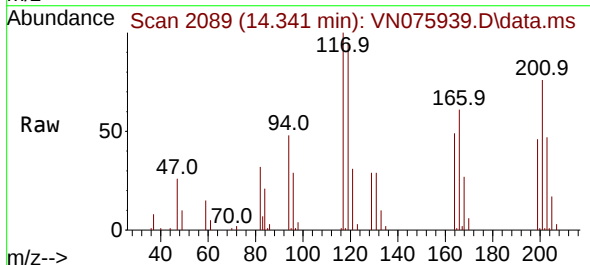
Manual Integrations
APPROVED

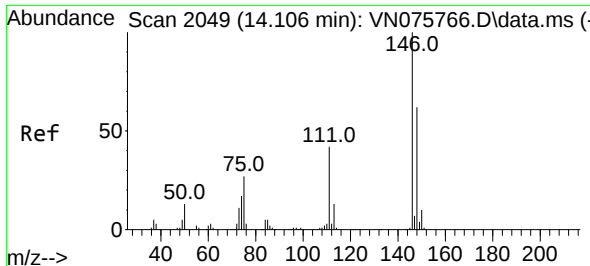
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#90
Hexachloroethane
Concen: 20.204 ug/l
RT: 14.341 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion:117 Resp: 40882
Ion Ratio Lower Upper
117 100
201 75.6 38.0 114.1





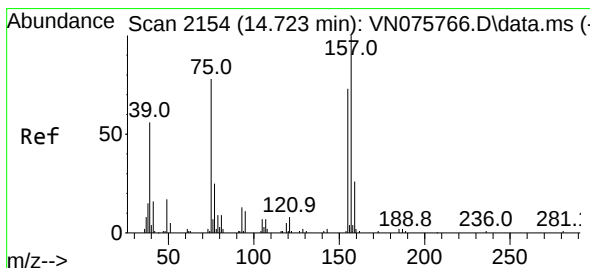
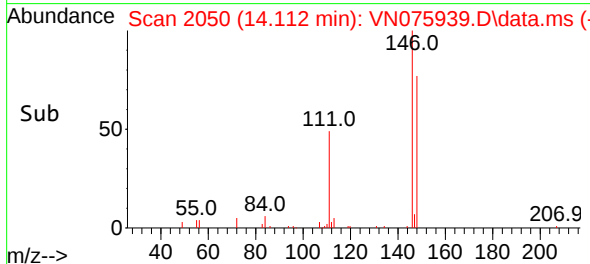
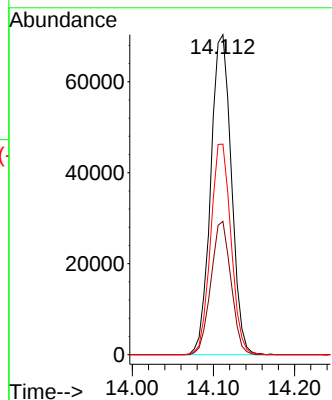
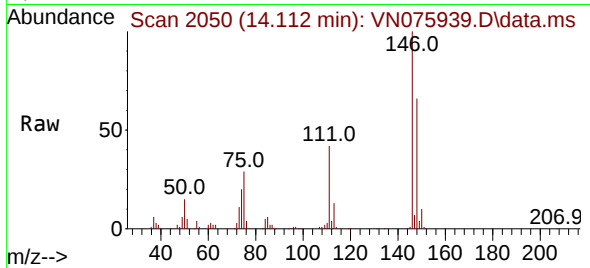
#91
1,2-Dichlorobenzene
Concen: 20.208 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Tgt Ion:146 Resp: 12420
Ion Ratio Lower Upper
146 100
111 40.5 20.3 61.0
148 65.1 31.7 95.1

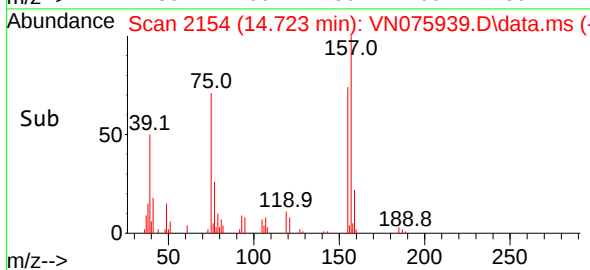
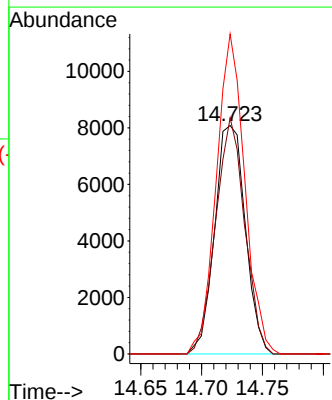
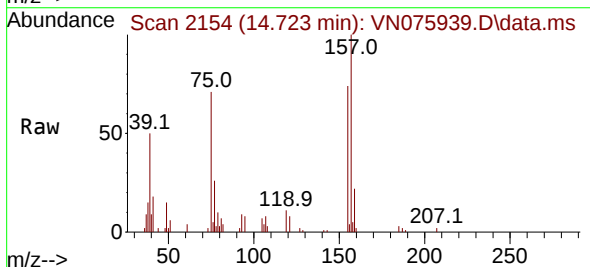
Manual Integrations
APPROVED

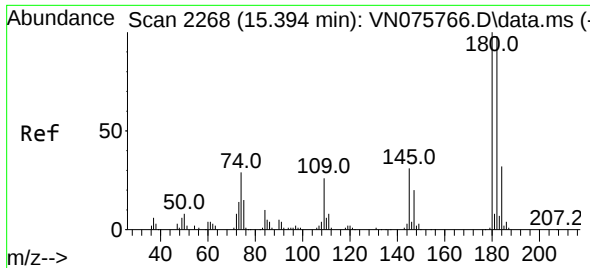
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.333 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion: 75 Resp: 14155
Ion Ratio Lower Upper
75 100
155 97.9 49.3 147.8
157 129.6 63.7 191.3





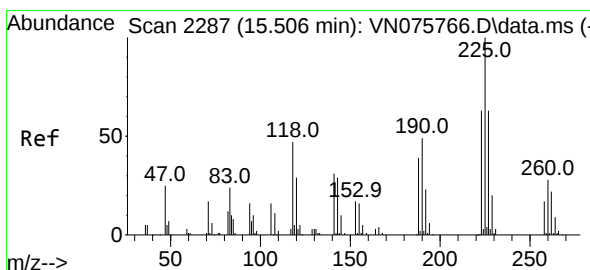
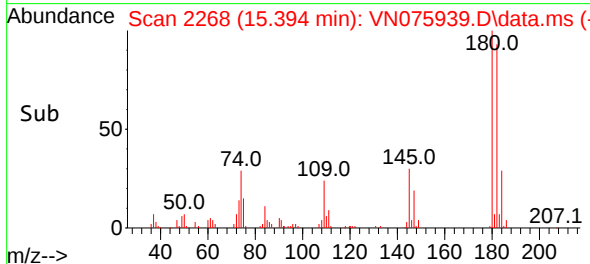
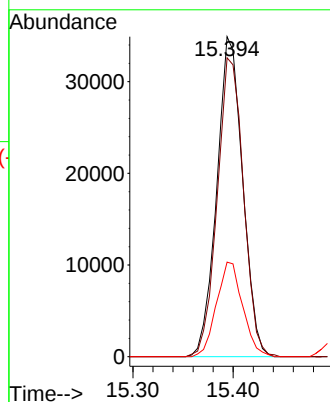
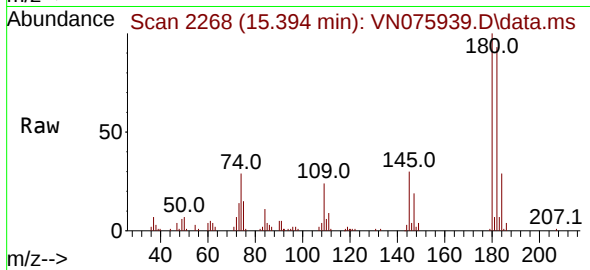
#93
1,2,4-Trichlorobenzene
Concen: 20.516 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Tgt Ion:180 Resp: 6242
Ion Ratio Lower Upper
180 100
182 94.5 47.5 142.5
145 29.9 15.3 45.8

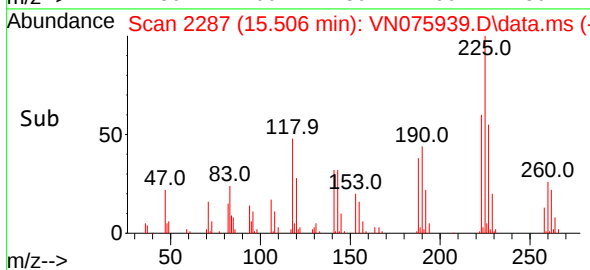
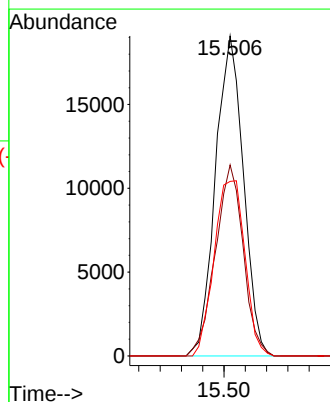
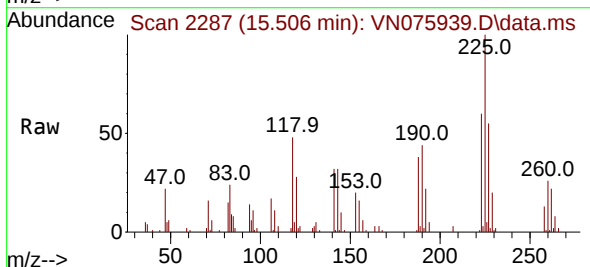
Manual Integrations
APPROVED

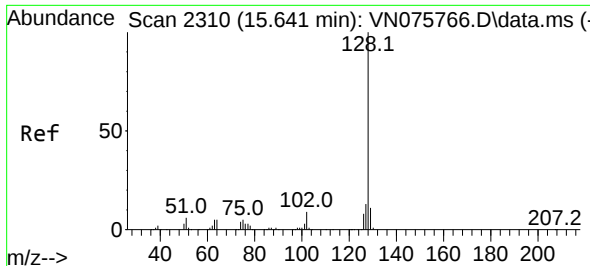
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#94
Hexachlorobutadiene
Concen: 20.903 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

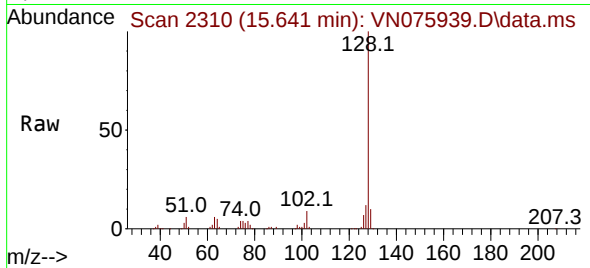
Tgt Ion:225 Resp: 34701
Ion Ratio Lower Upper
225 100
223 59.7 31.5 94.5
227 60.5 31.6 95.0





#95
Naphthalene
Concen: 20.075 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

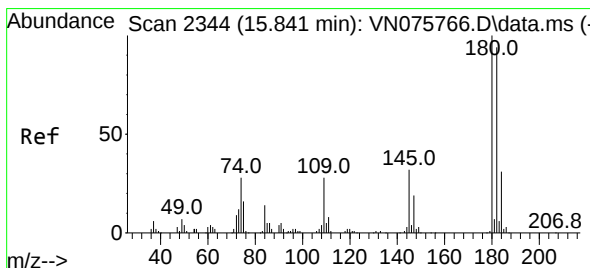
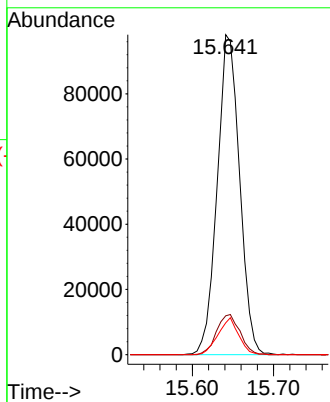
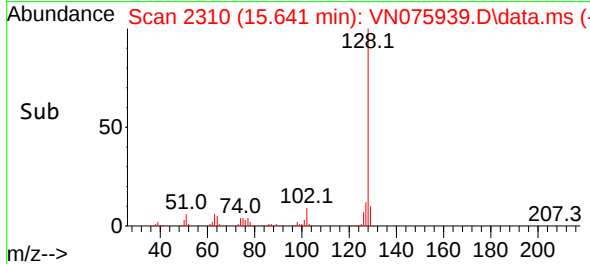
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01



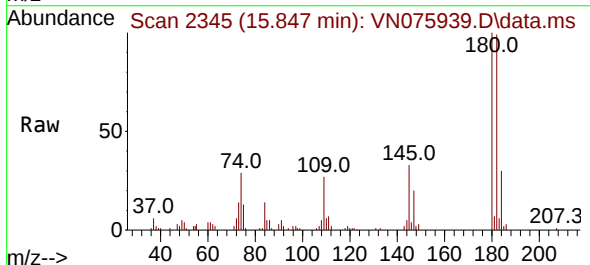
Tgt Ion:128 Resp: 18810
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#96
1,2,3-Trichlorobenzene
Concen: 21.717 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51



Tgt Ion:180 Resp: 61763
Ion Ratio Lower Upper
180 100
182 95.4 47.0 141.0
145 33.1 16.0 47.9

