

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075774.D
 Acq On : 14 Dec 2022 16:51
 Operator : JC\MD
 Sample : VN1214MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2022
 Supervised By : Mahesh Dadoda 12/15/2022

Quant Time: Dec 15 00:28:07 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	297943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	481677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	439541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	212463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	170977	52.749	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.500%			
35) Dibromofluoromethane	8.177	113	153539	51.472	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.940%			
50) Toluene-d8	10.571	98	572109	51.297	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.600%			
62) 4-Bromofluorobenzene	12.853	95	188756	51.098	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	37381	17.670	ug/l	99
3) Chloromethane	2.371	50	46018	17.493	ug/l	99
4) Vinyl Chloride	2.524	62	54616	17.405	ug/l	98
5) Bromomethane	2.959	94	51092	19.159	ug/l	90
6) Chloroethane	3.130	64	43016	18.512	ug/l	100
7) Trichlorofluoromethane	3.506	101	86191	18.102	ug/l	100
8) Diethyl Ether	3.977	74	33819	19.447	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.389	101	50004	18.391	ug/l	99
10) Methyl Iodide	4.600	142	78426	17.774	ug/l	100
11) Tert butyl alcohol	5.536	59	47709	104.021	ug/l	100
12) 1,1-Dichloroethene	4.353	96	46485	17.604	ug/l	97
13) Acrolein	4.194	56	58247	103.590	ug/l	97
14) Allyl chloride	5.041	41	52860	17.124	ug/l	90
15) Acrylonitrile	5.730	53	127531	101.893	ug/l	98
16) Acetone	4.447	43	106465	95.283	ug/l	98
17) Carbon Disulfide	4.724	76	106674	16.685	ug/l	100
18) Methyl Acetate	5.041	43	66002	19.984	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	171009	19.666	ug/l	98
20) Methylene Chloride	5.294	84	58015	19.013	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	52374	18.110	ug/l	96
22) Diisopropyl ether	6.683	45	147563	19.678	ug/l #	97
23) Vinyl Acetate	6.612	43	498722	98.810	ug/l	97
24) 1,1-Dichloroethane	6.583	63	91151	18.226	ug/l	98
25) 2-Butanone	7.494	43	162250	103.707	ug/l	97
26) 2,2-Dichloropropane	7.500	77	75103	17.733	ug/l	95
27) cis-1,2-Dichloroethene	7.494	96	64927	18.772	ug/l	98
28) Bromochloromethane	7.824	49	40301	18.386	ug/l	98
29) Tetrahydrofuran	7.847	42	100970	102.985	ug/l	100
30) Chloroform	7.971	83	102214	18.153	ug/l	98
31) Cyclohexane	8.265	56	80171	17.270	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	90420	18.113	ug/l	97
36) 1,1-Dichloropropene	8.382	75	71537	18.053	ug/l	99
37) Ethyl Acetate	7.565	43	62031	19.489	ug/l	97
38) Carbon Tetrachloride	8.371	117	80856	18.231	ug/l	92
39) Methylcyclohexane	9.606	83	90147	18.857	ug/l	95
40) Benzene	8.612	78	226550	18.530	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	32480	19.632	ug/l	95
42) 1,2-Dichloroethane	8.677	62	77538	19.077	ug/l	100
43) Isopropyl Acetate	8.700	43	106866	20.354	ug/l	99
44) Trichloroethene	9.359	130	60494	17.564	ug/l	92
45) 1,2-Dichloropropane	9.629	63	53978	18.143	ug/l	99
46) Dibromomethane	9.712	93	42314	19.176	ug/l	98
47) Bromodichloromethane	9.894	83	79732	18.425	ug/l	97
48) Methyl methacrylate	9.682	41	49790	21.055	ug/l	99
49) 1,4-Dioxane	9.700	88	25120	432.090	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	336508	105.979	ug/l	98
52) Toluene	10.635	92	151233	18.993	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	82114	19.385	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	89187	19.177	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	61673	19.734	ug/l	95
56) Ethyl methacrylate	10.876	69	85471	20.589	ug/l	98
57) 1,3-Dichloropropane	11.165	76	99630	19.435	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	118792	89.880	ug/l	100
59) 2-Hexanone	11.200	43	245089	105.842	ug/l	100
60) Dibromochloromethane	11.359	129	65287	18.784	ug/l	100
61) 1,2-Dibromoethane	11.470	107	61348	19.397	ug/l	95
64) Tetrachloroethene	11.106	164	53329	17.242	ug/l	100
65) Chlorobenzene	11.894	112	161751	17.929	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	61791	18.492	ug/l	100
67) Ethyl Benzene	11.965	91	281402	18.482	ug/l	99
68) m/p-Xylenes	12.070	106	228152	37.859	ug/l	98
69) o-Xylene	12.400	106	112663	18.891	ug/l	99
70) Styrene	12.412	104	183070	19.306	ug/l	98
71) Bromoform	12.582	173	47368	19.481	ug/l #	98
73) Isopropylbenzene	12.700	105	290125	18.896	ug/l	99
74) N-amyl acetate	12.500	43	91066	20.218	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	88884	18.727	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	67022m	15.649	ug/l	
77) Bromobenzene	12.982	156	72071	18.548	ug/l	97
78) n-propylbenzene	13.041	91	320470	18.925	ug/l	99
79) 2-Chlorotoluene	13.129	91	197329	18.667	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	247187	19.236	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	23371	19.643	ug/l	96
82) 4-Chlorotoluene	13.129	91	197329	18.667	ug/l	100
83) tert-Butylbenzene	13.441	119	224728	19.835	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	247544	19.419	ug/l	100
85) sec-Butylbenzene	13.617	105	299332	19.142	ug/l	98
86) p-Isopropyltoluene	13.735	119	256328	19.700	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	132414	18.449	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	131269	17.903	ug/l	98
89) n-Butylbenzene	14.059	91	197527	18.738	ug/l	99
90) Hexachloroethane	14.335	117	43133	18.532	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	133342	18.861	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15016	17.829	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	64546	18.441	ug/l	99
94) Hexachlorobutadiene	15.506	225	35004	18.330	ug/l	98
95) Naphthalene	15.647	128	192688	18.116	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	62171	19.005	ug/l	99

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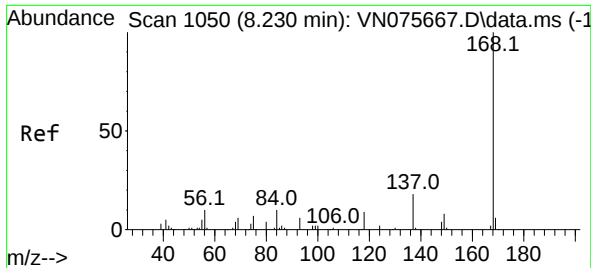
Manual Integrations
APPROVED

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



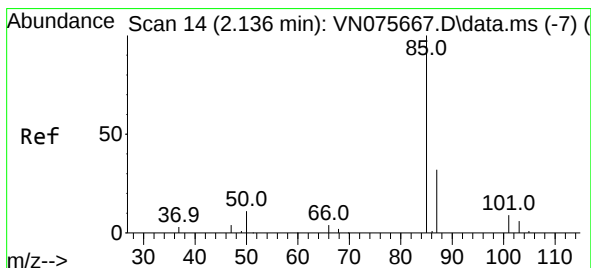
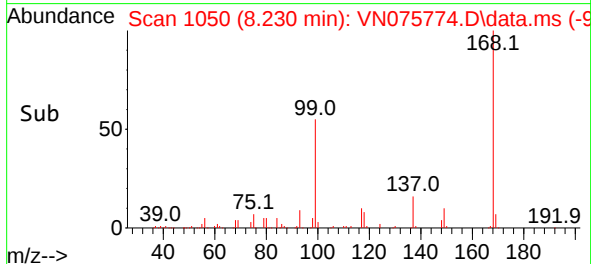
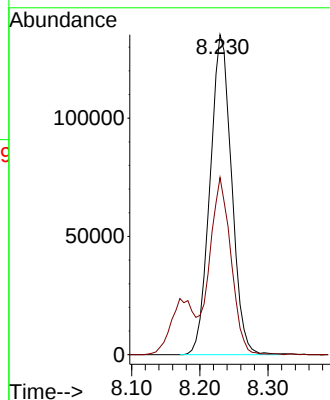
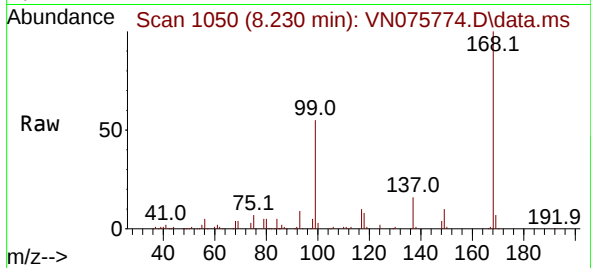
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075774.D
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Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01

Tgt Ion:168 Resp: 29794
Ion Ratio Lower Upper
168 100
99 55.2 44.2 66.4

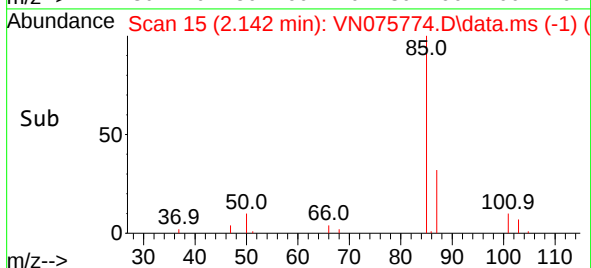
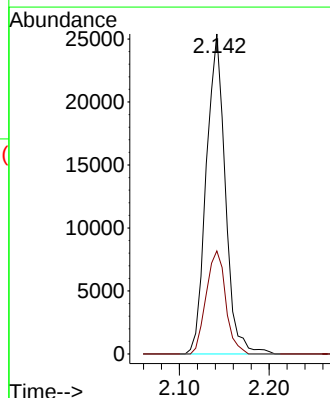
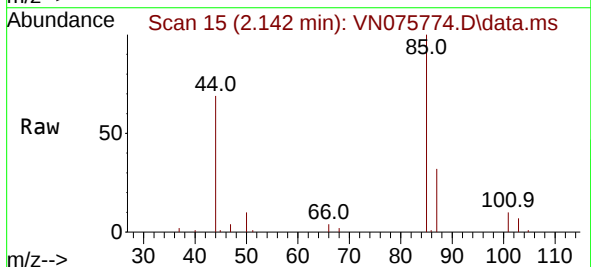
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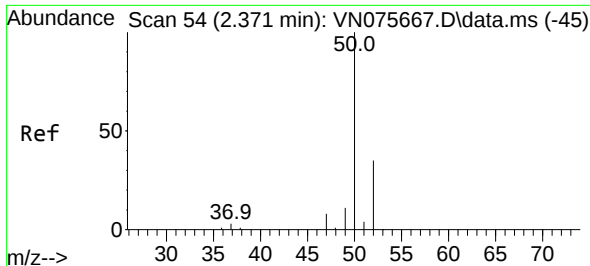
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#2
Dichlorodifluoromethane
Concen: 17.670 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

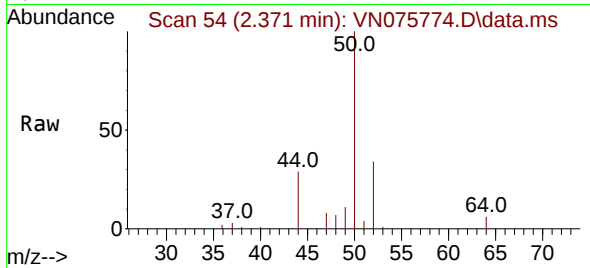
Tgt Ion: 85 Resp: 37381
Ion Ratio Lower Upper
85 100
87 32.2 16.3 48.9





#3
Chloromethane
Concen: 17.493 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

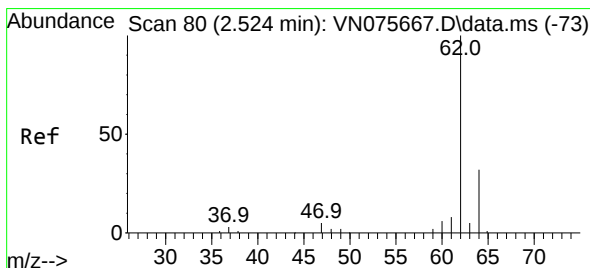
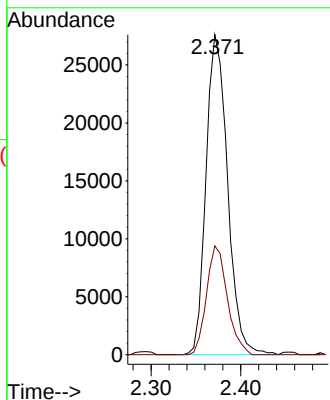
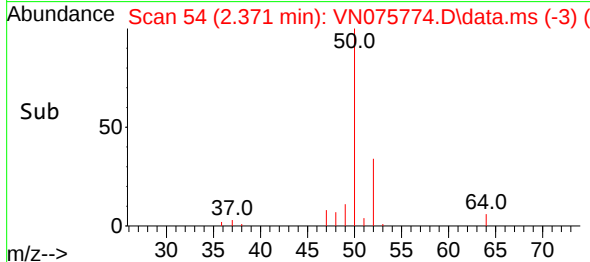
Instrument :
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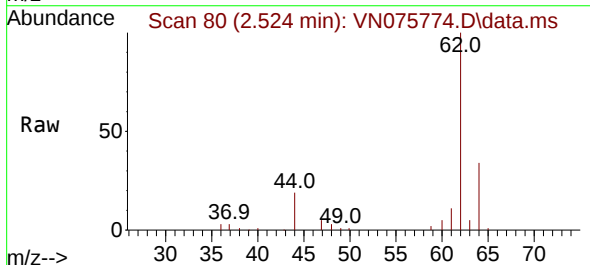
Tgt Ion: 50 Resp: 46018
Ion Ratio Lower Upper
50 100
52 34.0 27.7 41.5

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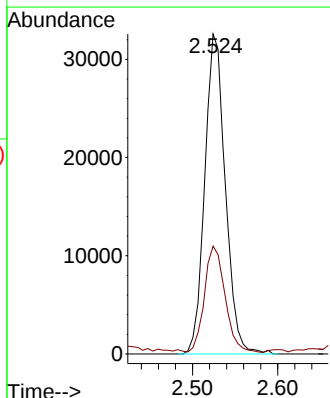
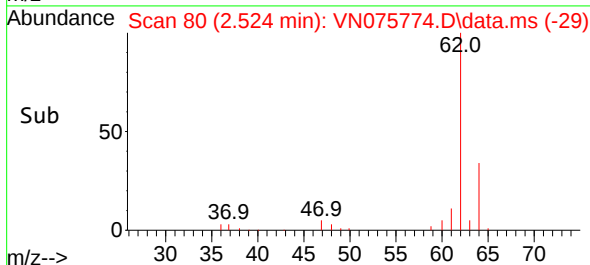
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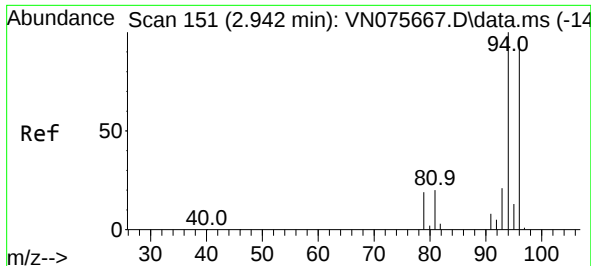


#4
Vinyl Chloride
Concen: 17.405 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51



Tgt Ion: 62 Resp: 54616
Ion Ratio Lower Upper
62 100
64 32.4 24.9 37.3





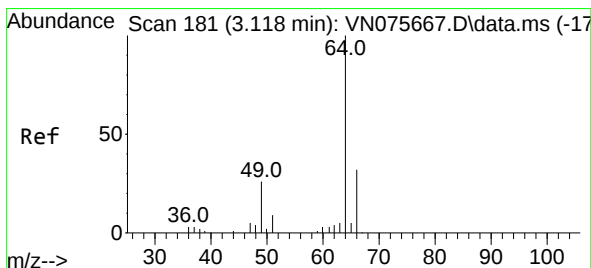
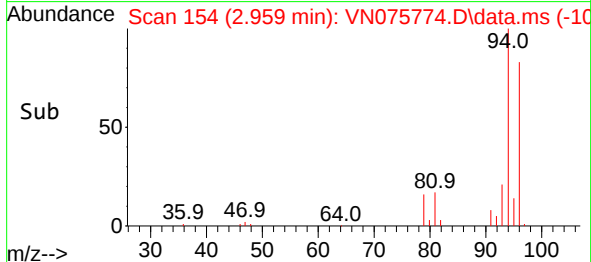
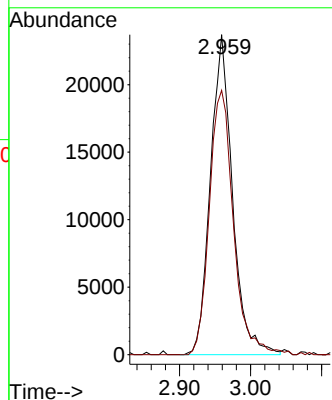
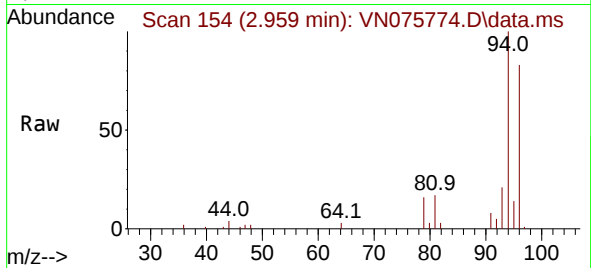
#5
Bromomethane
Concen: 19.159 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

Instrument :
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Tgt Ion: 94 Resp: 51092
Ion Ratio Lower Upper
94 100
96 82.6 73.8 110.6

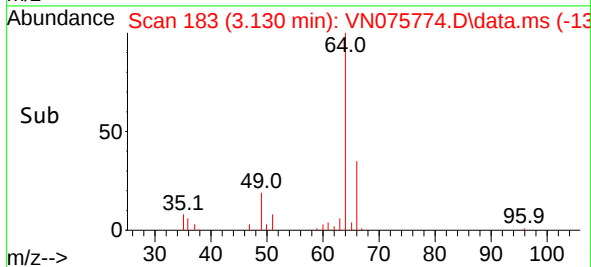
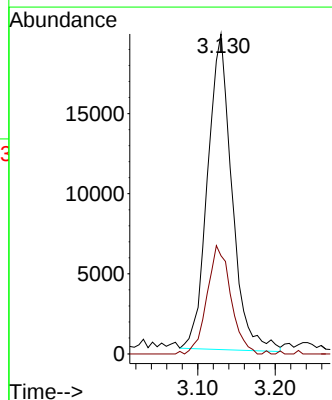
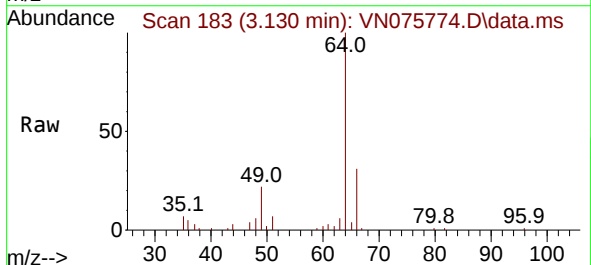
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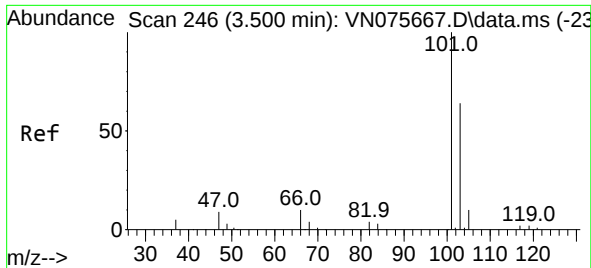
Reviewed By :John Carlone 12/15/2022
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#6
Chloroethane
Concen: 18.512 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN075774.D
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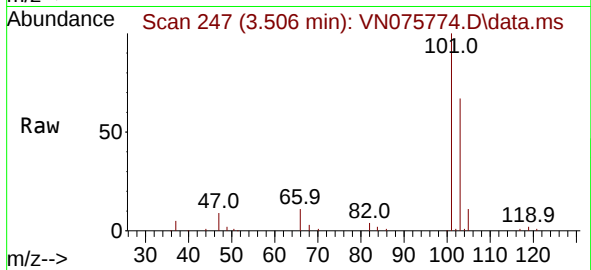
Tgt Ion: 64 Resp: 43016
Ion Ratio Lower Upper
64 100
66 30.4 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 18.102 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN075774.D
 Acq: 14 Dec 2022 16:51

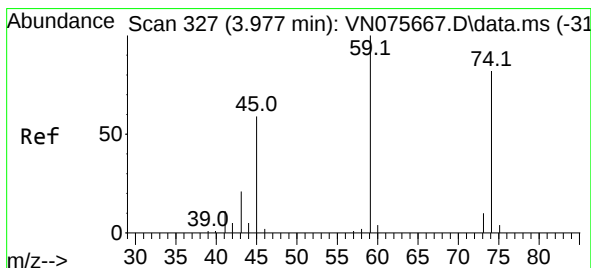
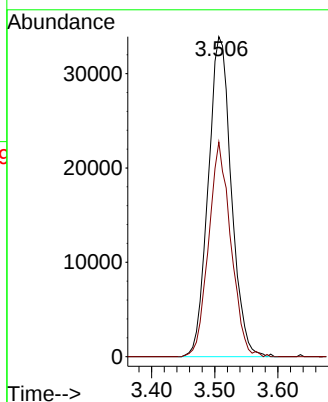
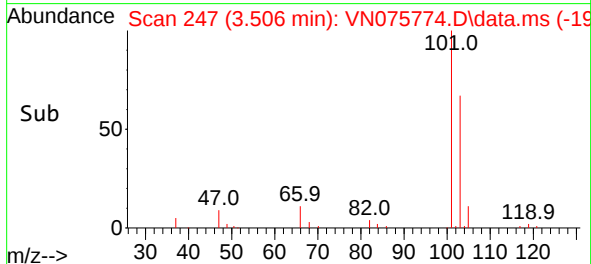
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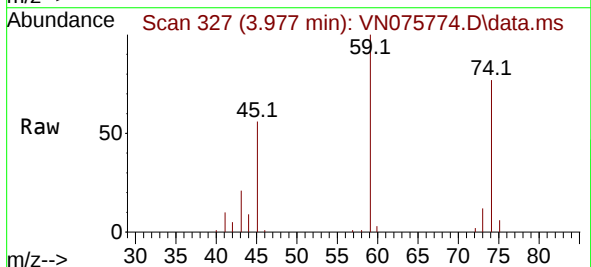
Tgt Ion:101 Resp: 8619
 Ion Ratio Lower Upper
 101 100
 103 67.1 53.4 80.2

Manual Integrations
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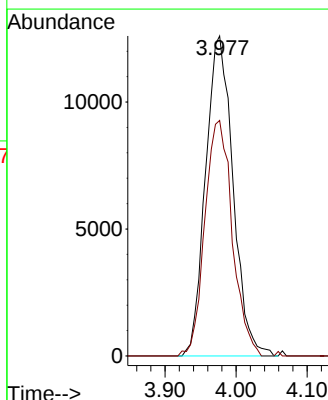
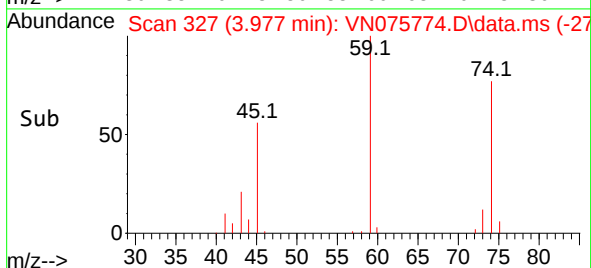
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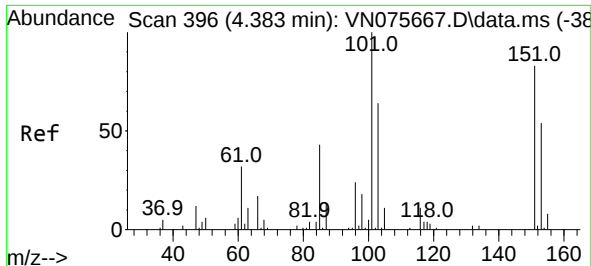


#8
 Diethyl Ether
 Concen: 19.447 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
 Lab File: VN075774.D
 Acq: 14 Dec 2022 16:51



Tgt Ion: 74 Resp: 33819
 Ion Ratio Lower Upper
 74 100
 45 73.6 37.8 113.4





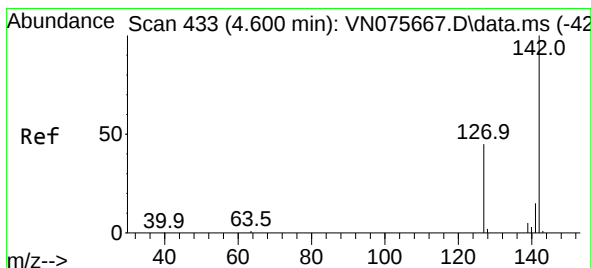
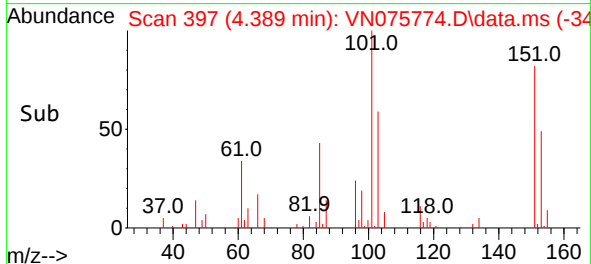
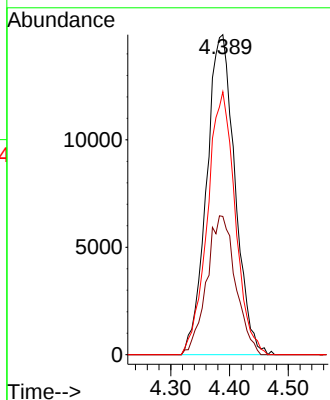
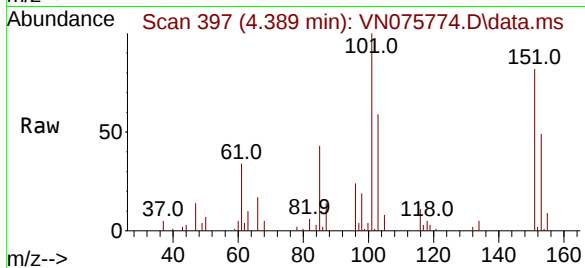
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.391 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01

Tgt Ion:101 Resp: 50004
Ion Ratio Lower Upper
101 100
85 44.1 35.3 52.9
151 80.4 65.6 98.4

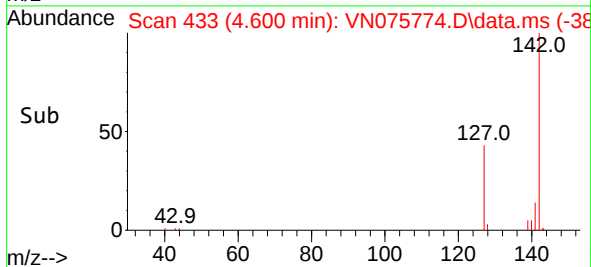
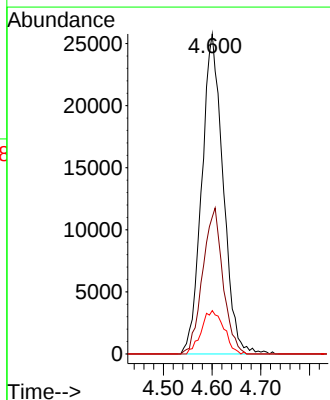
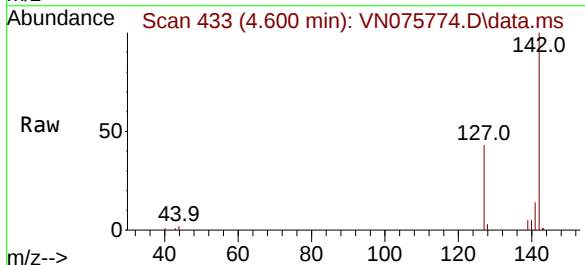
Manual Integrations
APPROVED

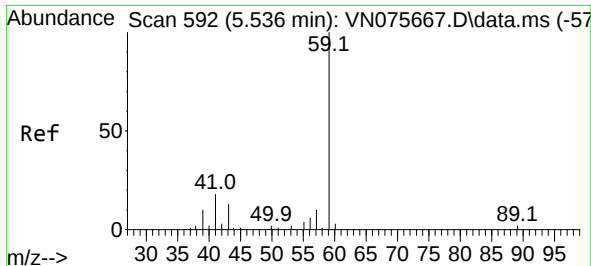
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#10
Methyl Iodide
Concen: 17.774 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

Tgt Ion:142 Resp: 78426
Ion Ratio Lower Upper
142 100
127 43.3 34.7 52.1
141 14.3 11.4 17.2





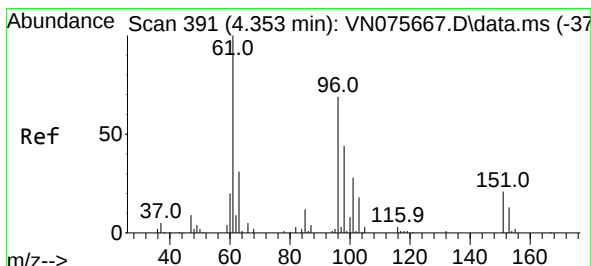
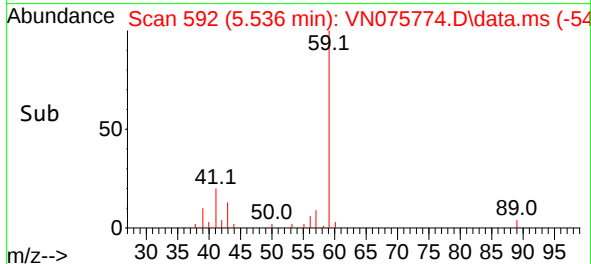
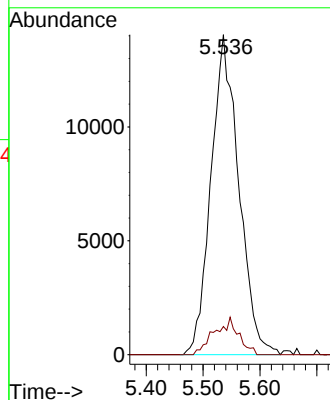
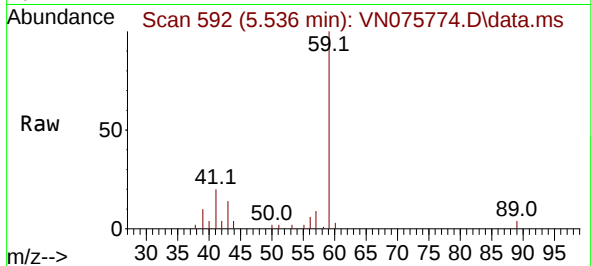
#11
Tert butyl alcohol
Concen: 104.021 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01

Tgt Ion: 59 Resp: 47709
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

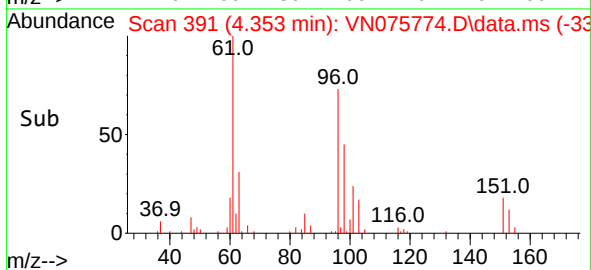
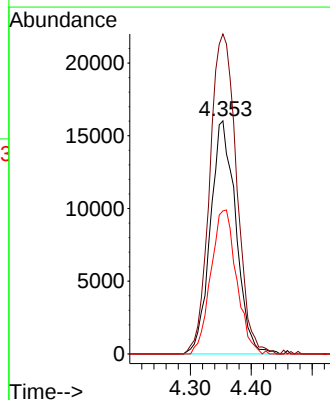
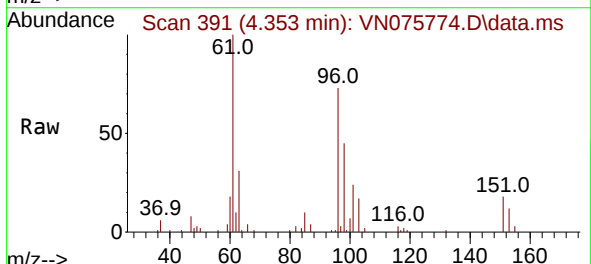
Manual Integrations
APPROVED

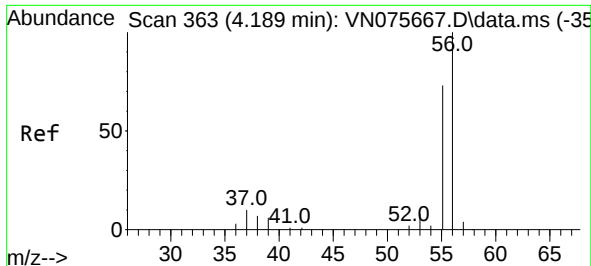
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#12
1,1-Dichloroethene
Concen: 17.604 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

Tgt Ion: 96 Resp: 46485
Ion Ratio Lower Upper
96 100
61 137.3 113.3 169.9
98 61.4 50.9 76.3





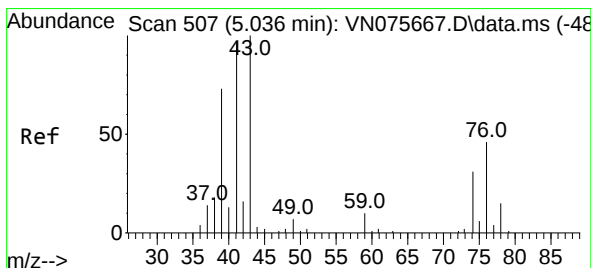
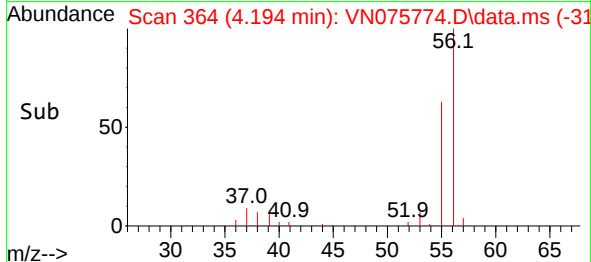
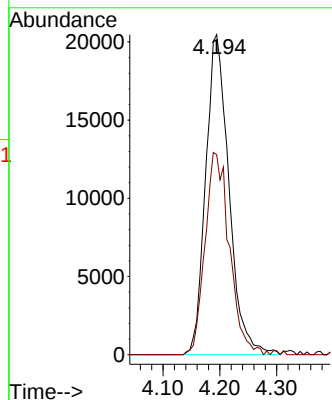
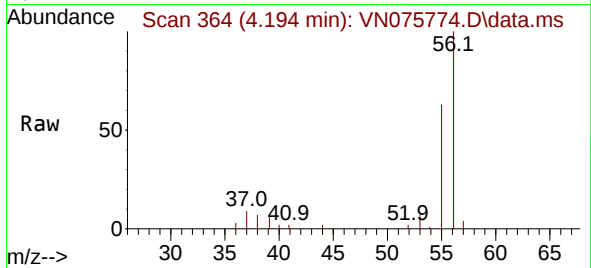
#13
Acrolein
Concen: 103.590 ug/l
RT: 4.194 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01

Tgt Ion: 56 Resp: 5824
Ion Ratio Lower Upper
56 100
55 66.1 54.8 82.2

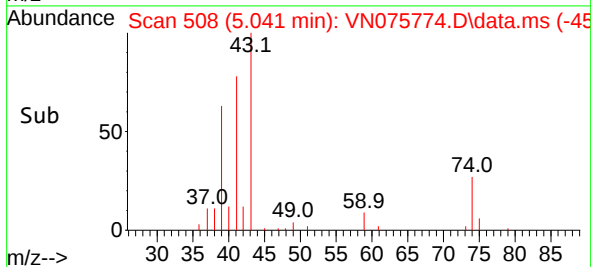
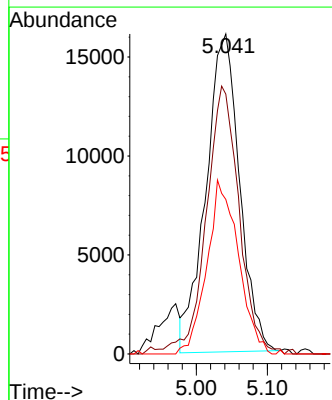
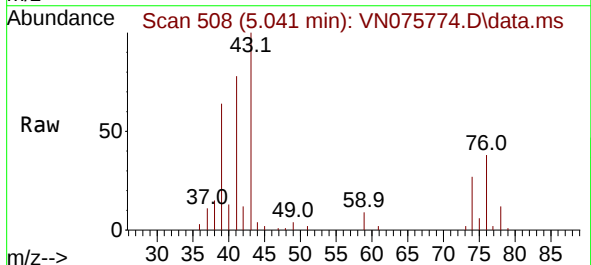
Manual Integrations
APPROVED

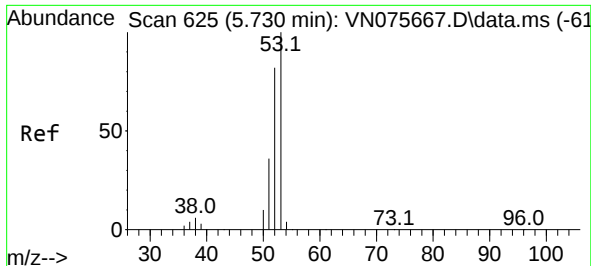
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#14
Allyl chloride
Concen: 17.124 ug/l
RT: 5.041 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

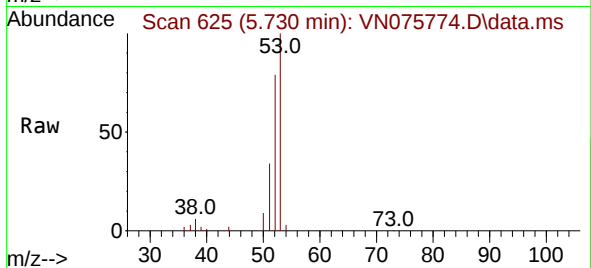
Tgt Ion: 41 Resp: 52860
Ion Ratio Lower Upper
41 100
39 81.6 58.3 87.5
76 51.1 35.8 53.6





#15
Acrylonitrile
Concen: 101.893 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

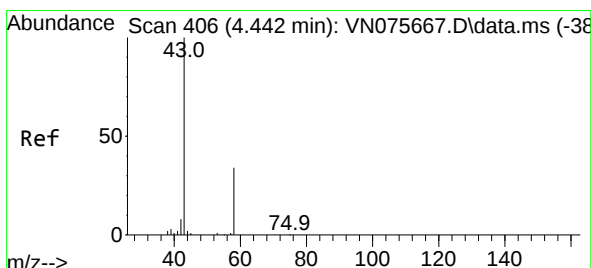
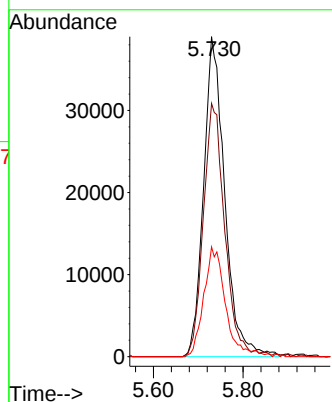
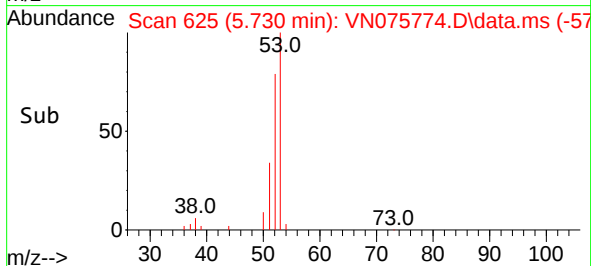
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



Tgt Ion: 53 Resp: 12753
Ion Ratio Lower Upper
53 100
52 80.2 65.4 98.0
51 35.2 28.9 43.3

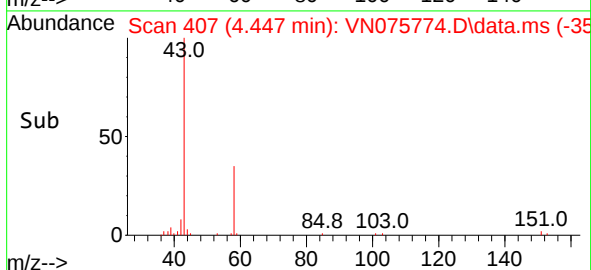
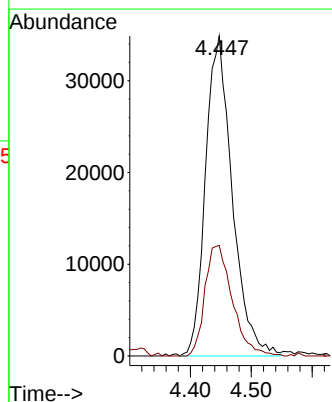
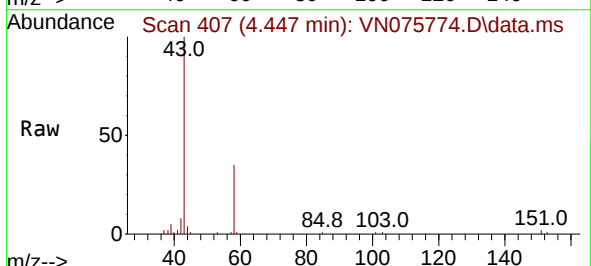
Manual Integrations
APPROVED

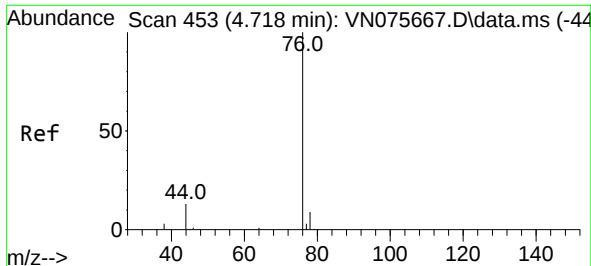
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#16
Acetone
Concen: 95.283 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

Tgt Ion: 43 Resp: 106465
Ion Ratio Lower Upper
43 100
58 34.6 28.6 43.0





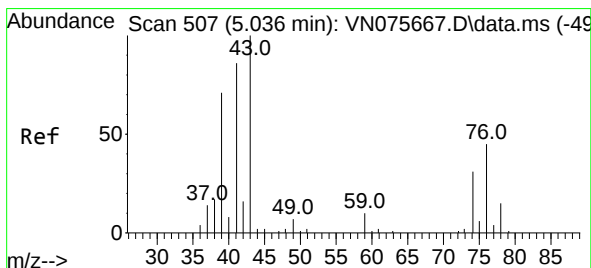
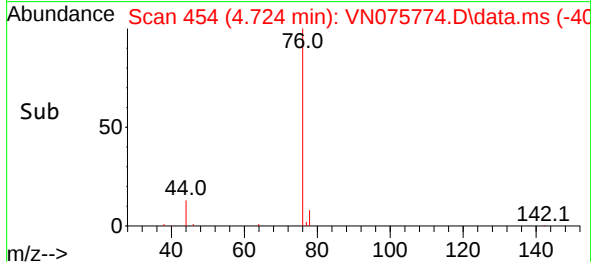
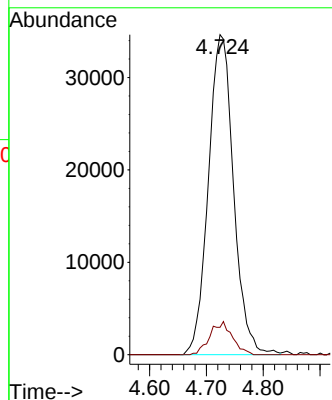
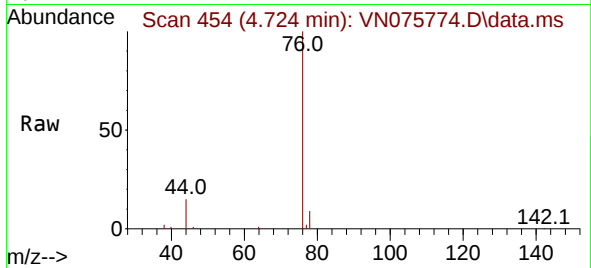
#17
Carbon Disulfide
Concen: 16.685 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01

Tgt Ion: 76 Resp: 106674
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2

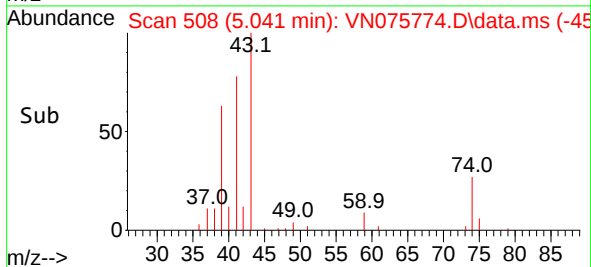
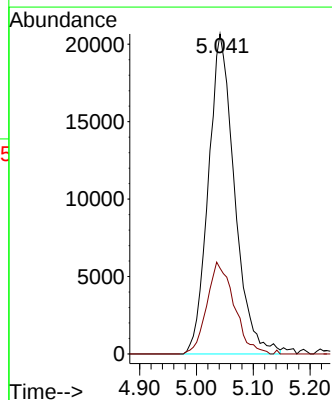
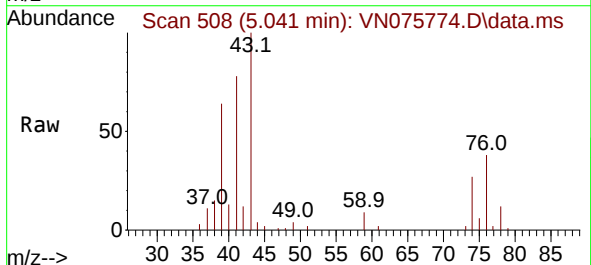
Manual Integrations
APPROVED

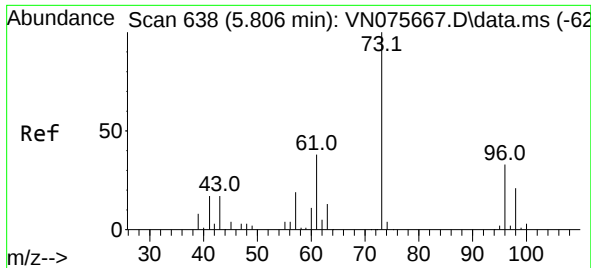
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#18
Methyl Acetate
Concen: 19.984 ug/l
RT: 5.041 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

Tgt Ion: 43 Resp: 66002
Ion Ratio Lower Upper
43 100
74 29.9 23.6 35.4





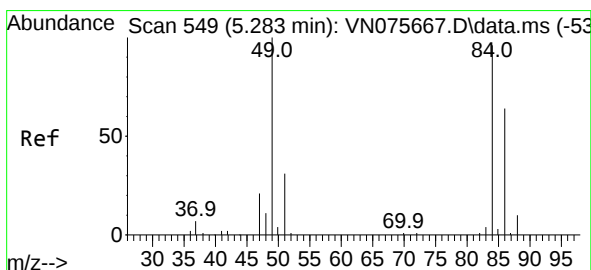
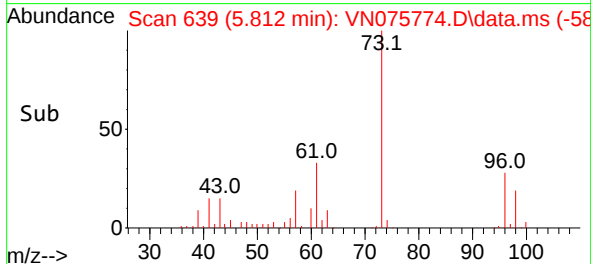
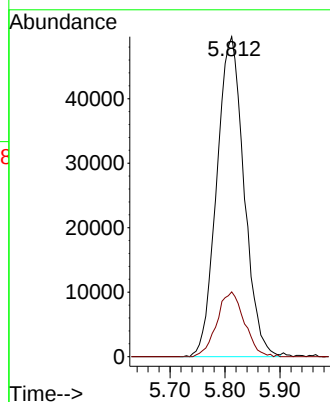
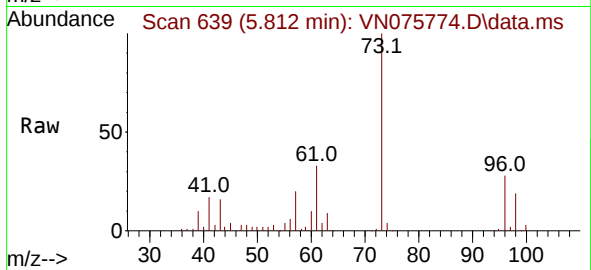
#19
Methyl tert-butyl Ether
Concen: 19.666 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01

Tgt Ion: 73 Resp: 171009
Ion Ratio Lower Upper
73 100
57 20.3 17.1 25.7

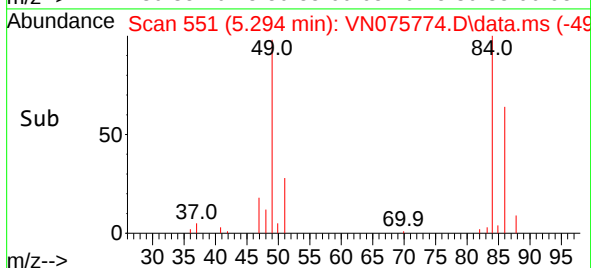
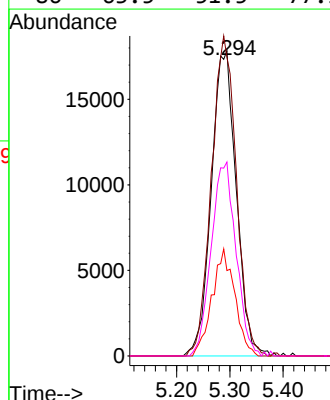
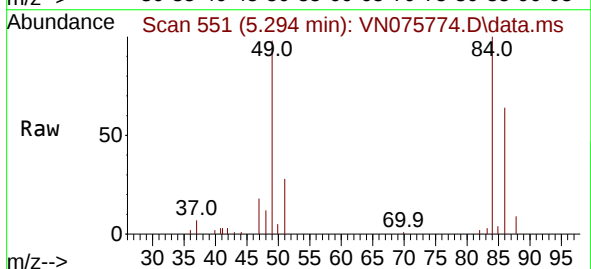
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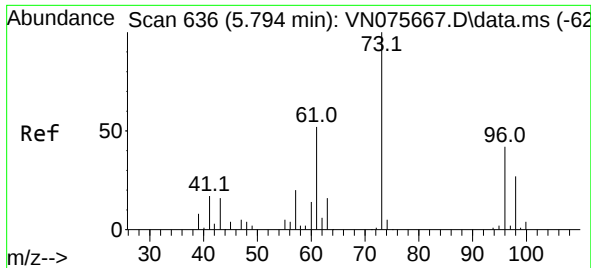
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#20
Methylene Chloride
Concen: 19.013 ug/l
RT: 5.294 min Scan# 551
Delta R.T. 0.005 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

Tgt Ion: 84 Resp: 58015
Ion Ratio Lower Upper
84 100
49 97.8 81.8 122.6
51 28.0 26.7 40.1
86 63.5 51.5 77.3





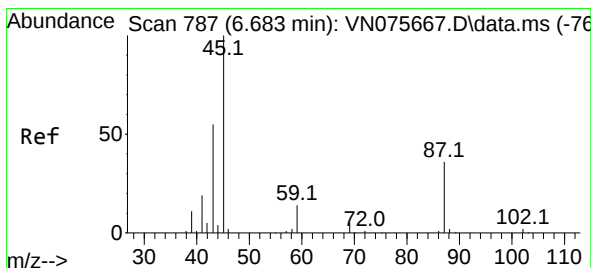
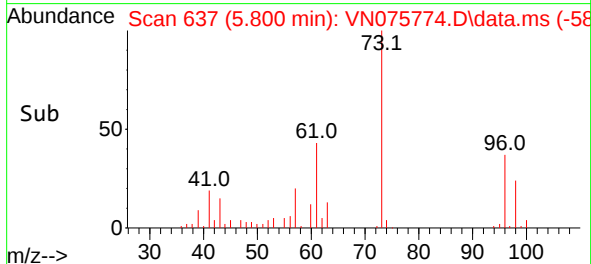
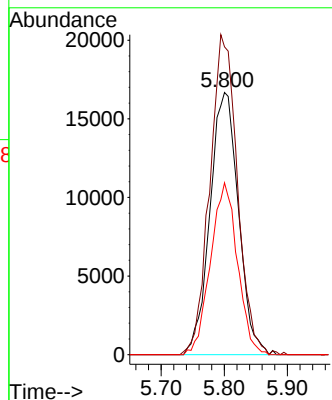
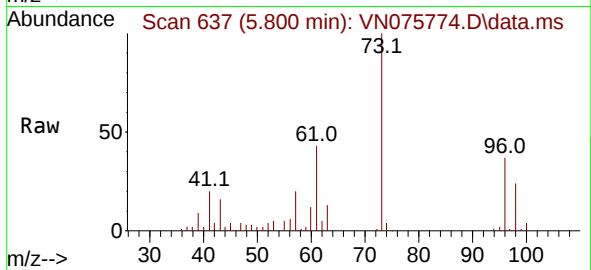
#21
trans-1,2-Dichloroethene
Concen: 18.110 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01

Tgt Ion: 96 Resp: 52374
Ion Ratio Lower Upper
96 100
61 117.4 98.1 147.1
98 65.5 51.4 77.2

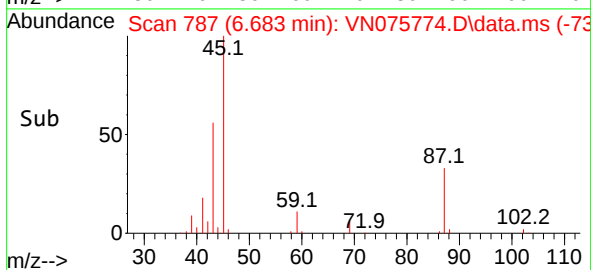
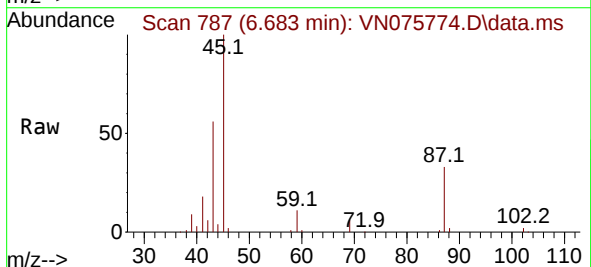
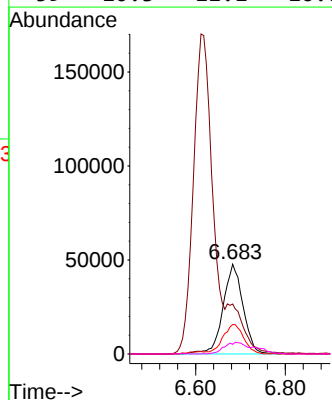
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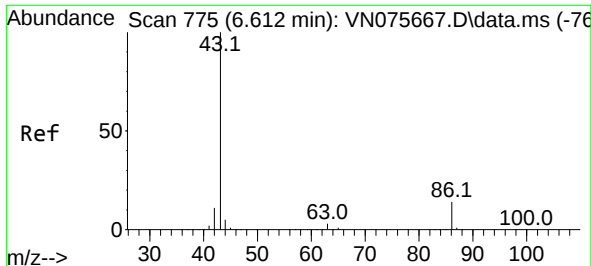
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#22
Diisopropyl ether
Concen: 19.678 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

Tgt Ion: 45 Resp: 147563
Ion Ratio Lower Upper
45 100
43 54.5 44.2 66.4
87 32.8 28.3 42.5
59 10.3 11.1 16.7#





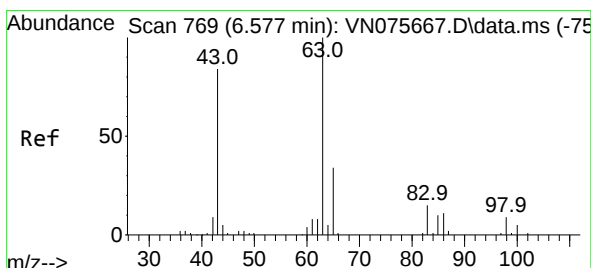
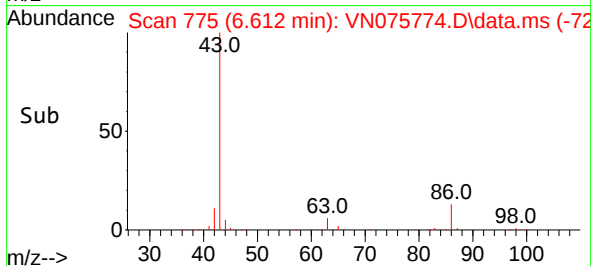
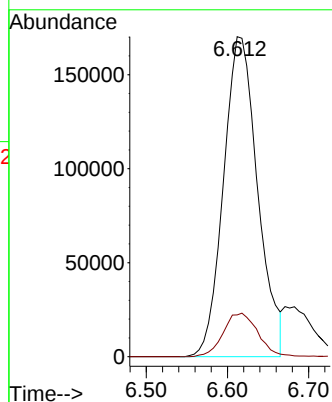
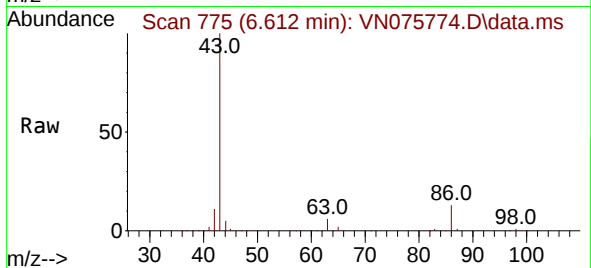
#23
 Vinyl Acetate
 Concen: 98.810 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075774.D
 Acq: 14 Dec 2022 16:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214MBS01

Tgt Ion: 43 Resp: 49872
 Ion Ratio Lower Upper
 43 100
 86 13.0 11.4 17.2

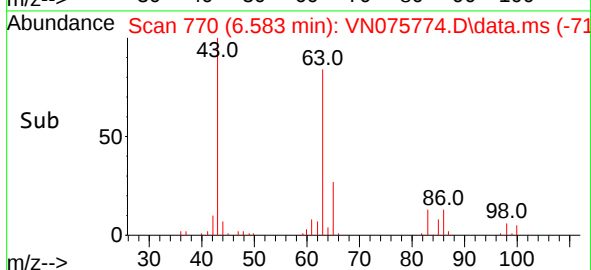
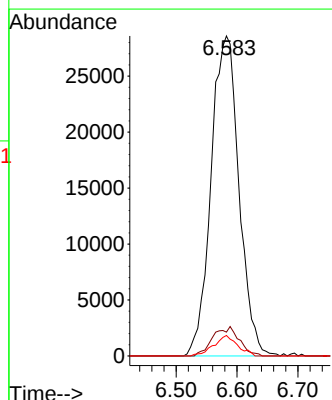
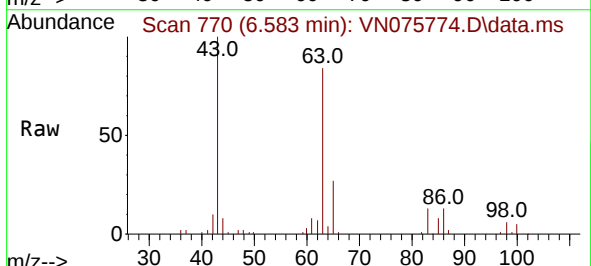
Manual Integrations
 APPROVED

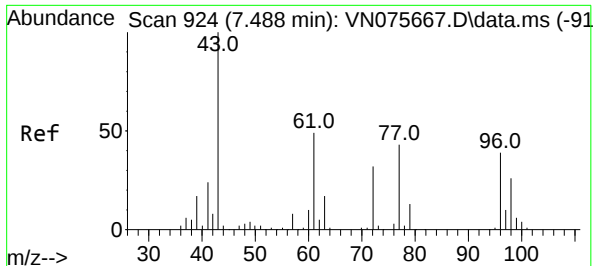
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#24
 1,1-Dichloroethane
 Concen: 18.226 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075774.D
 Acq: 14 Dec 2022 16:51

Tgt Ion: 63 Resp: 91151
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.5
 100 6.4 2.5 7.6





#25

2-Butanone

Concen: 103.707 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075774.D

Acq: 14 Dec 2022 16:51

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBS01

Tgt Ion: 43 Resp: 162250

Ion Ratio Lower Upper

43 100

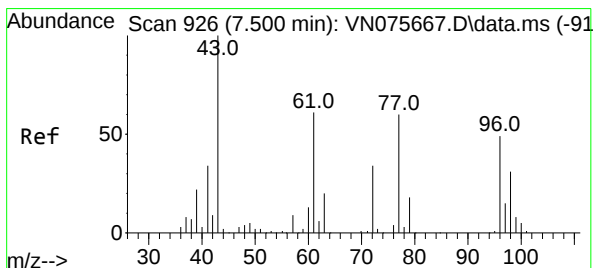
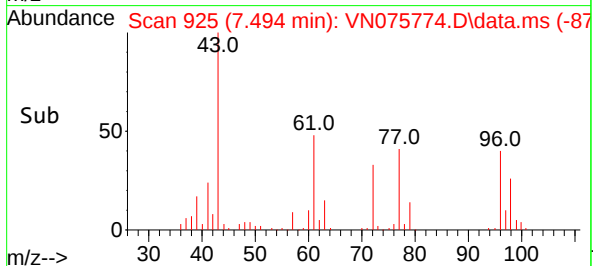
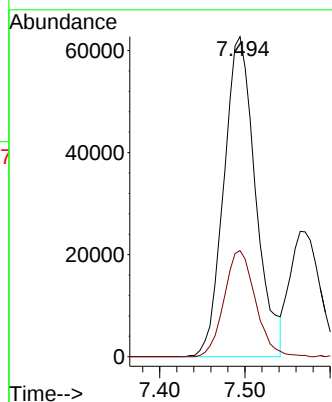
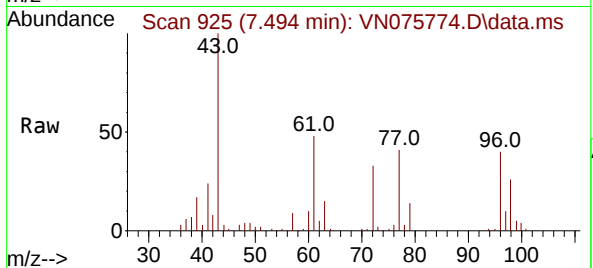
72 33.2 28.0 42.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#26

2,2-Dichloropropane

Concen: 17.733 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN075774.D

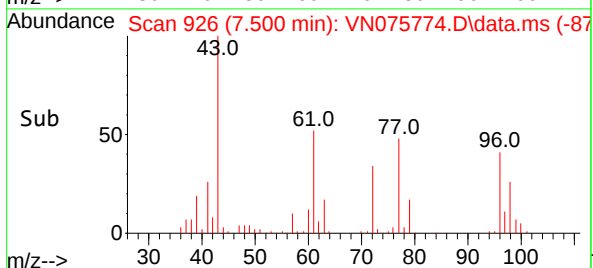
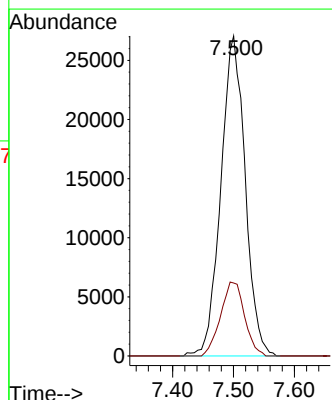
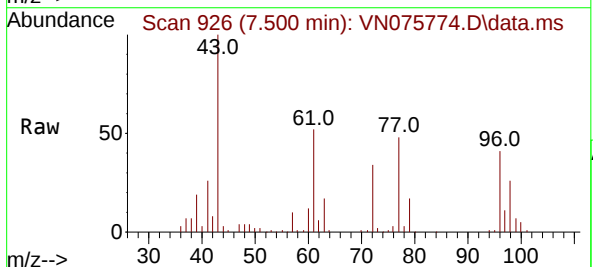
Acq: 14 Dec 2022 16:51

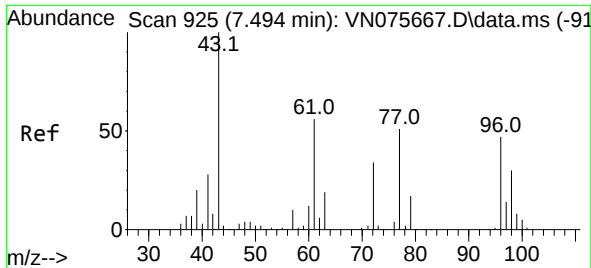
Tgt Ion: 77 Resp: 75103

Ion Ratio Lower Upper

77 100

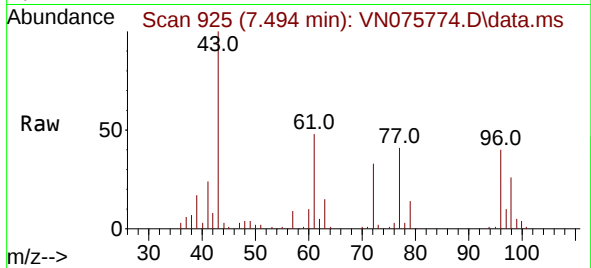
97 22.8 12.7 38.0





#27
cis-1,2-Dichloroethene
Concen: 18.772 ug/l
RT: 7.494 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

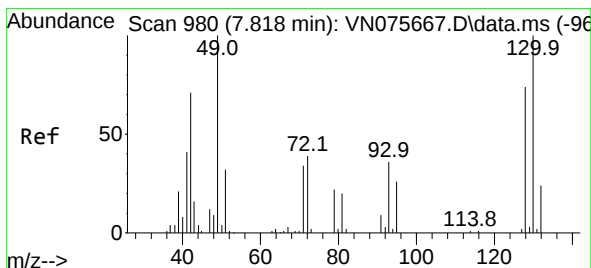
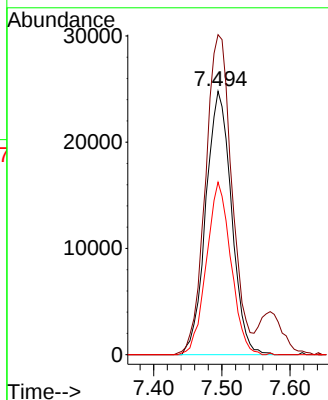
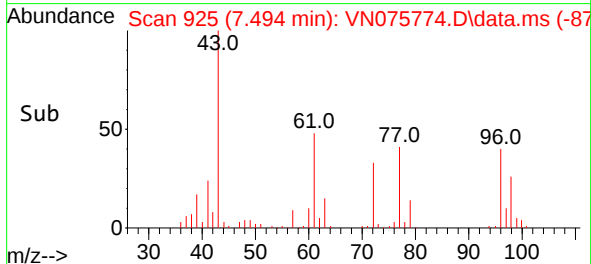
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



Tgt Ion: 96 Resp: 6492
Ion Ratio Lower Upper
96 100
61 125.7 0.0 247.8
98 62.4 0.0 128.4

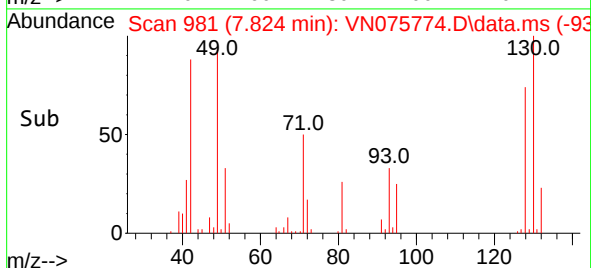
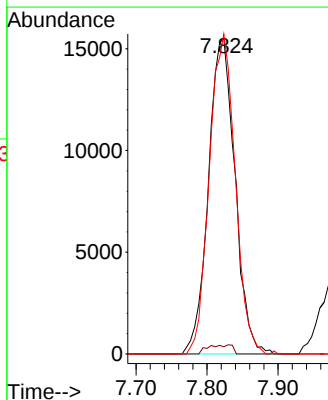
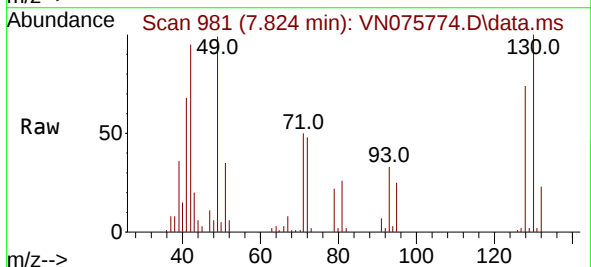
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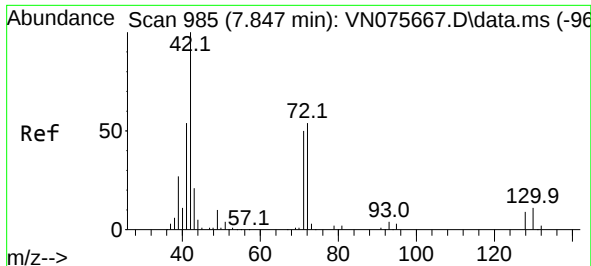
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#28
Bromochloromethane
Concen: 18.386 ug/l
RT: 7.824 min Scan# 981
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

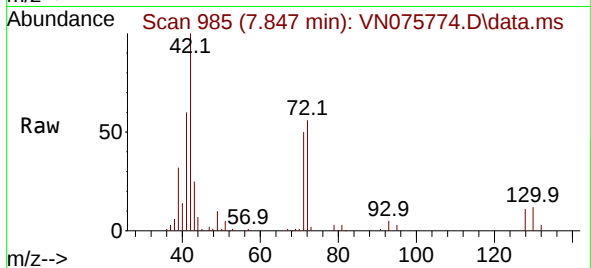
Tgt Ion: 49 Resp: 40301
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.0
130 98.4 77.0 115.4





#29
Tetrahydrofuran
Concen: 102.985 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.006 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

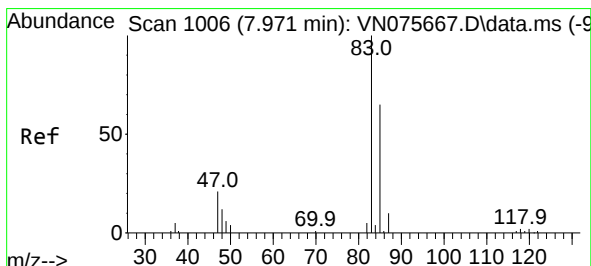
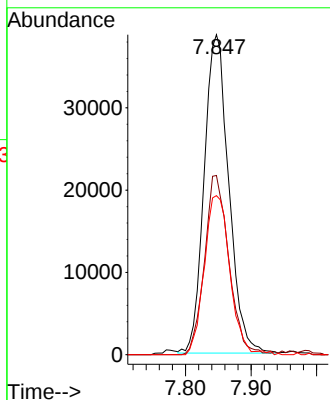
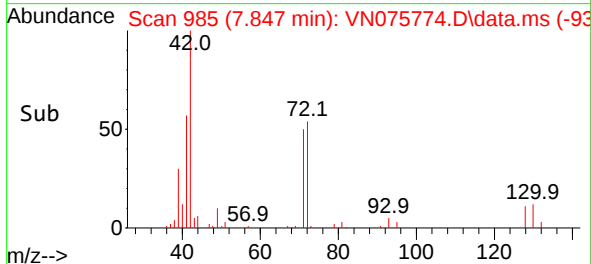
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



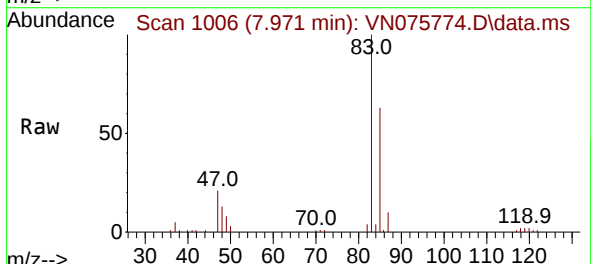
Tgt Ion: 42 Resp: 100970
Ion Ratio Lower Upper
42 100
72 55.5 44.5 66.7
71 51.4 41.0 61.6

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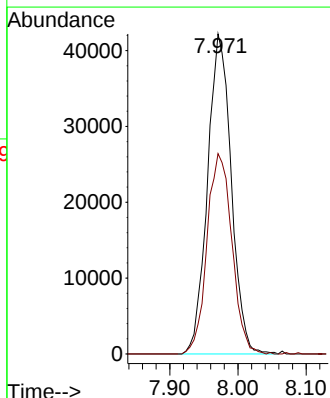
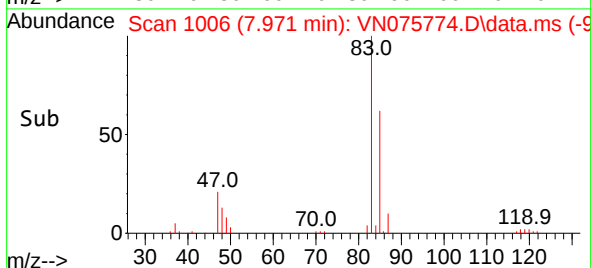
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

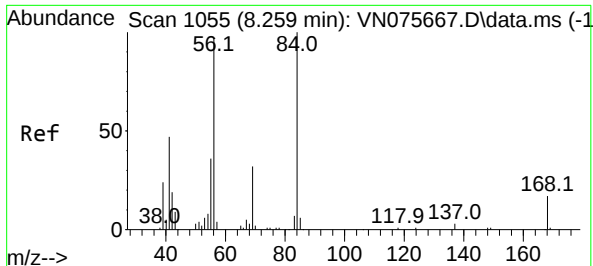


#30
Chloroform
Concen: 18.153 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51



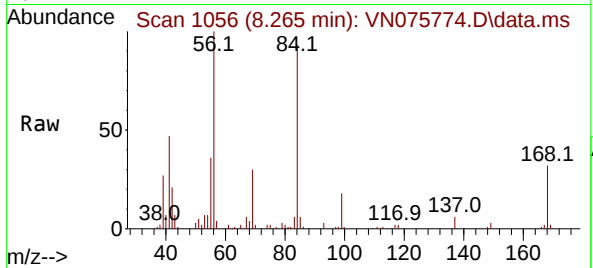
Tgt Ion: 83 Resp: 102214
Ion Ratio Lower Upper
83 100
85 62.6 49.1 73.7





#31
Cyclohexane
Concen: 17.270 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

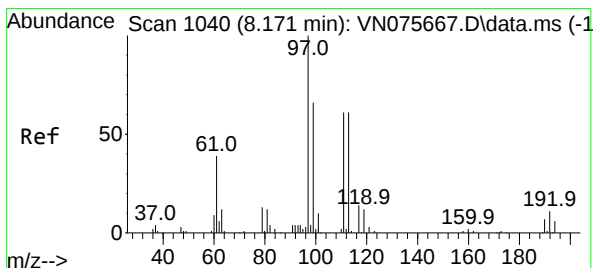
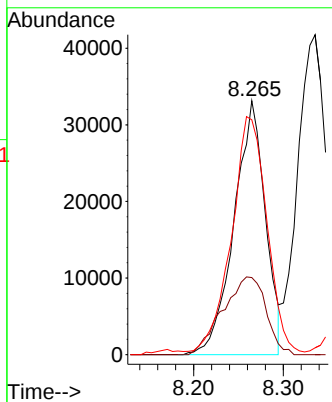
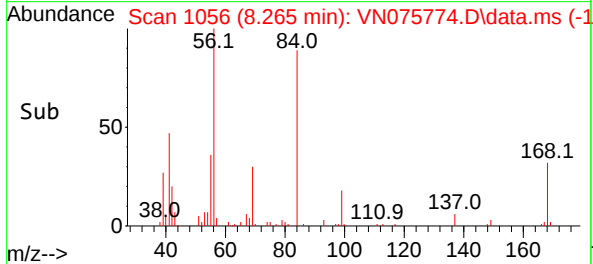
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



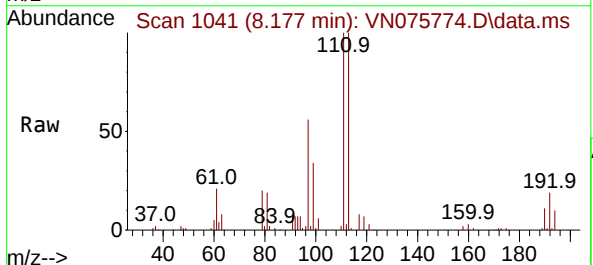
Tgt Ion: 56 Resp: 8017
Ion Ratio Lower Upper
56 100
69 30.4 24.7 37.1
84 91.0 76.5 114.7

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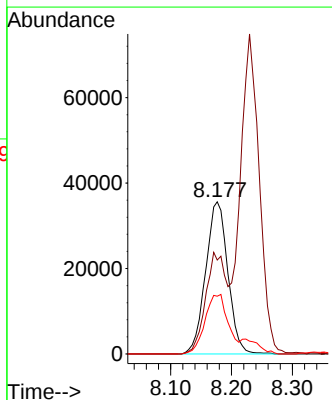
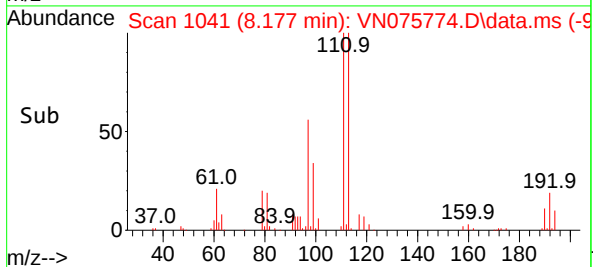
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

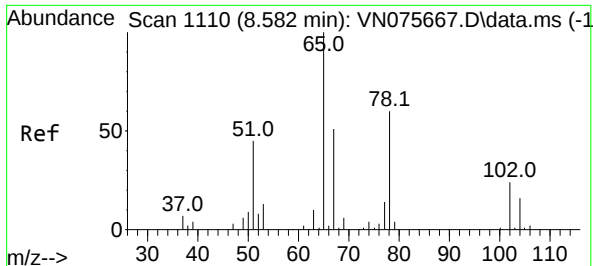


#32
1,1,1-Trichloroethane
Concen: 18.113 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51



Tgt Ion: 97 Resp: 90420
Ion Ratio Lower Upper
97 100
99 60.9 50.2 75.2
61 40.5 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 52.749 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075774.D

Acq: 14 Dec 2022 16:51

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBS01

Tgt Ion: 65 Resp: 17097

Ion Ratio Lower Upper

65 100

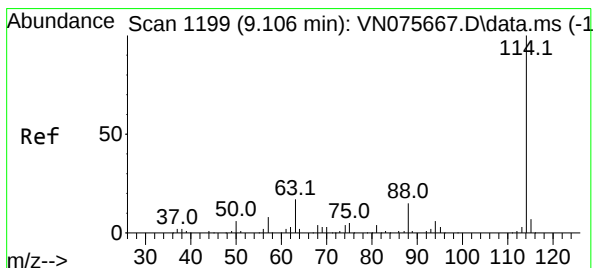
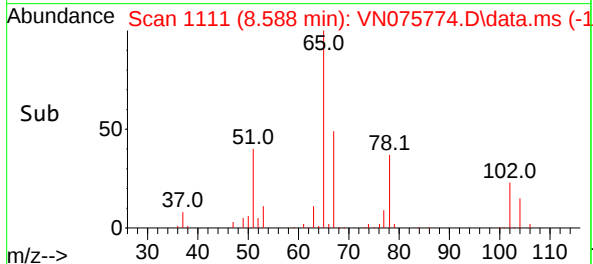
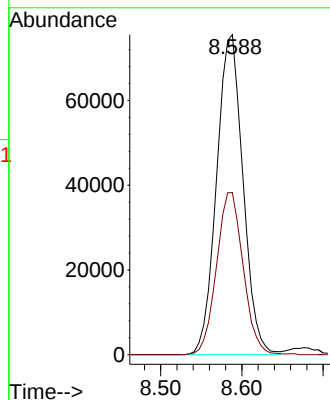
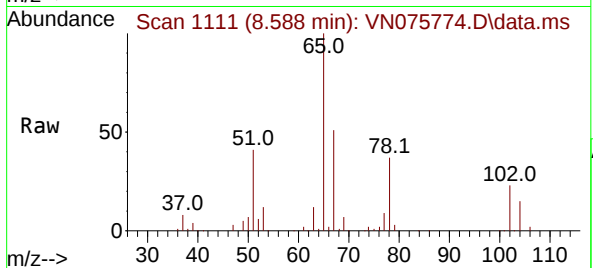
67 51.1 0.0 103.4

Manual Integrations

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Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075774.D

Acq: 14 Dec 2022 16:51

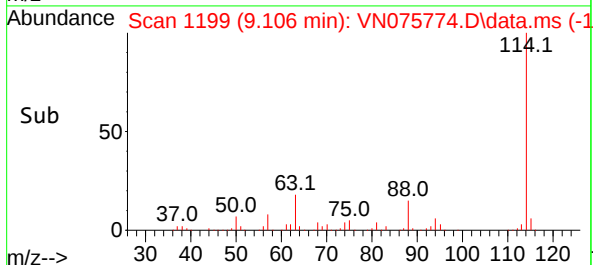
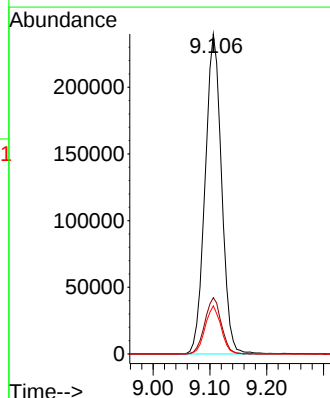
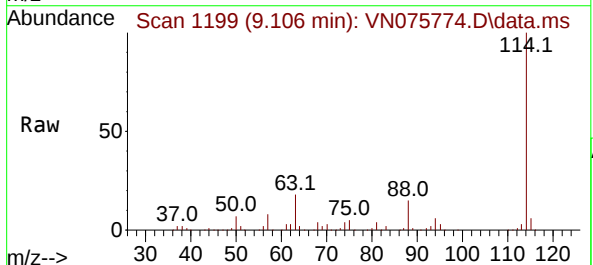
Tgt Ion:114 Resp: 481677

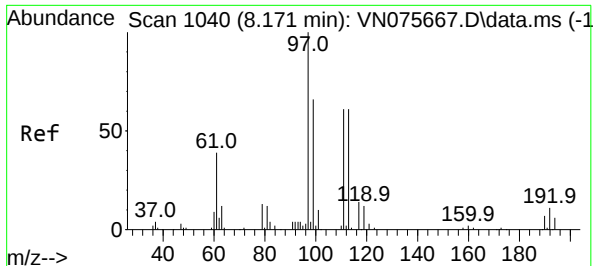
Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 15.1 0.0 28.8





#35

Dibromofluoromethane

Concen: 51.472 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075774.D

Acq: 14 Dec 2022 16:51

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBS01

Tgt Ion:113 Resp: 153539

Ion Ratio Lower Upper

113 100

111 101.4 83.4 125.2

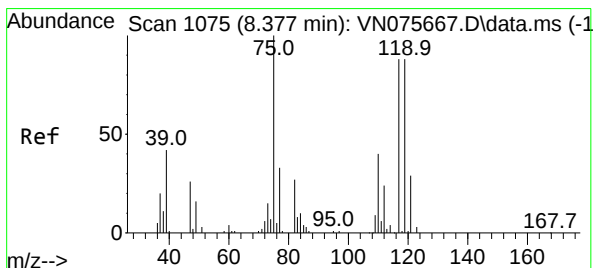
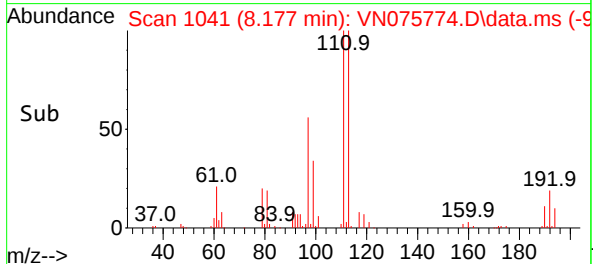
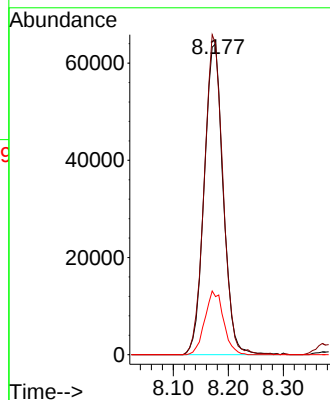
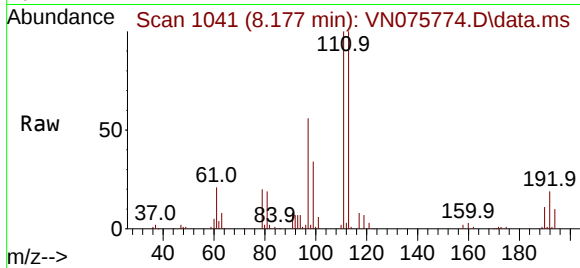
192 20.2 16.1 24.1

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Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#36

1,1-Dichloropropene

Concen: 18.053 ug/l

RT: 8.382 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VN075774.D

Acq: 14 Dec 2022 16:51

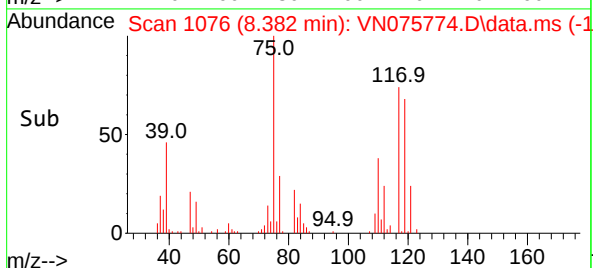
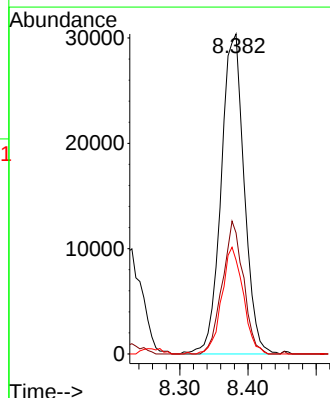
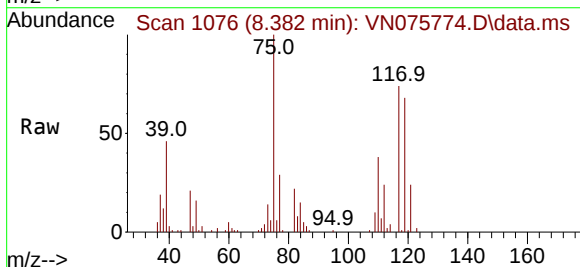
Tgt Ion: 75 Resp: 71537

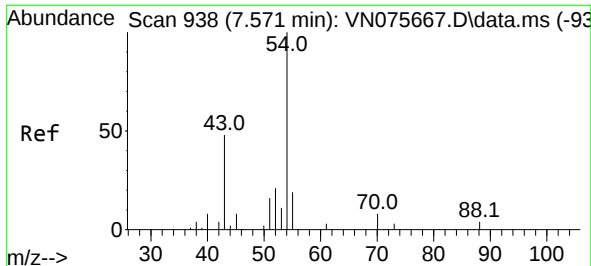
Ion Ratio Lower Upper

75 100

110 37.9 18.8 56.4

77 31.0 24.1 36.1





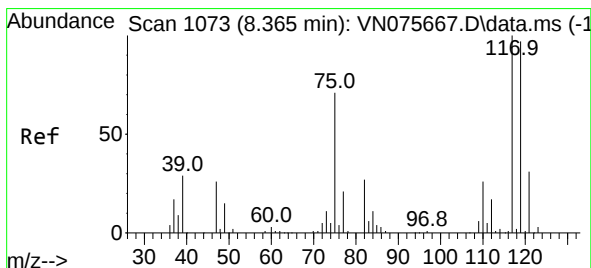
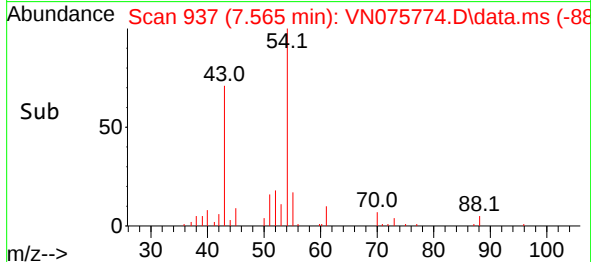
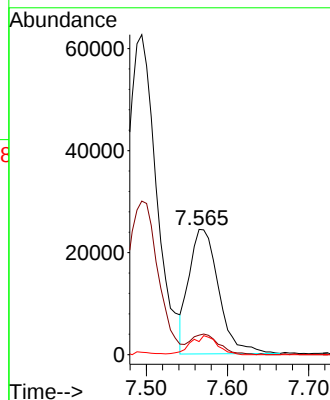
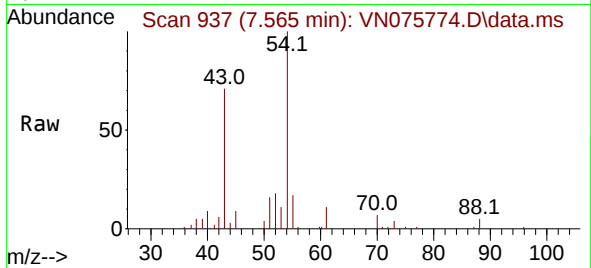
#37
Ethyl Acetate
Concen: 19.489 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01

Tgt Ion: 43 Resp: 6203
Ion Ratio Lower Upper
43 100
61 15.6 13.0 19.4
70 13.7 9.4 14.0

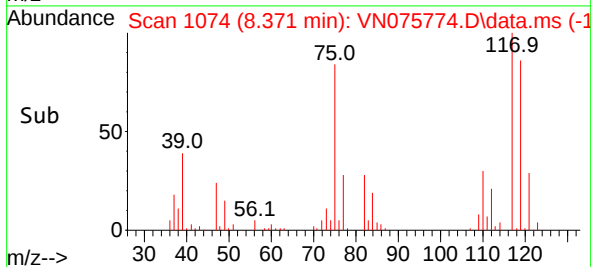
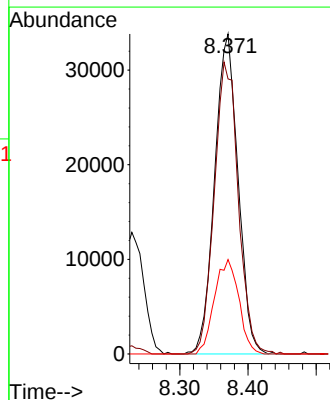
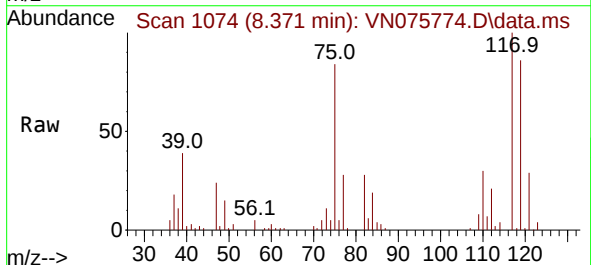
Manual Integrations
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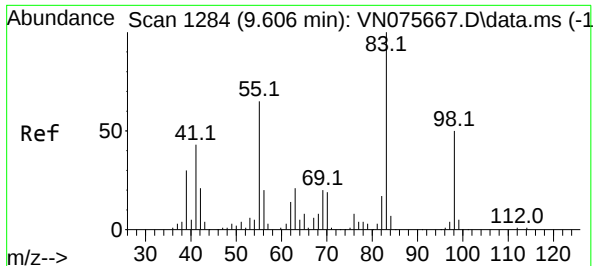
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#38
Carbon Tetrachloride
Concen: 18.231 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

Tgt Ion:117 Resp: 80856
Ion Ratio Lower Upper
117 100
119 86.0 76.1 114.1
121 29.5 24.5 36.7





#39

Methylcyclohexane

Concen: 18.857 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075774.D

Acq: 14 Dec 2022 16:51

Instrument :

MSVOA_N

ClientSampleId :

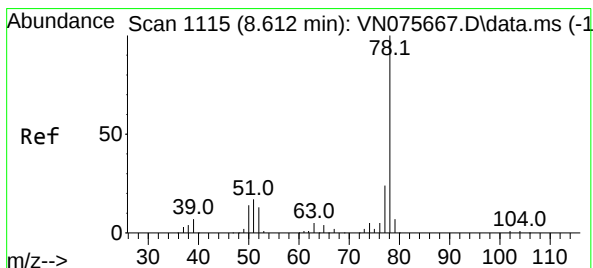
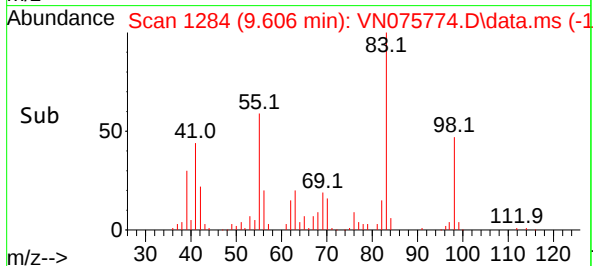
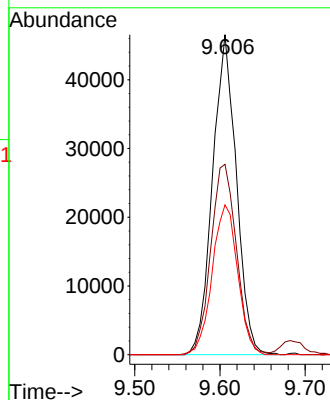
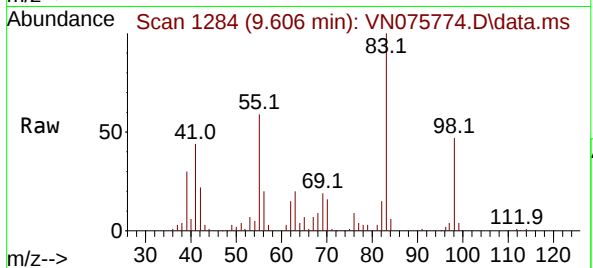
VN1214MBS01

Tgt Ion: 83	Resp: 9014
Ion Ratio	Lower Upper
83	100
55	59.5 51.4 77.0
98	46.8 39.8 59.8

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#40

Benzene

Concen: 18.530 ug/l

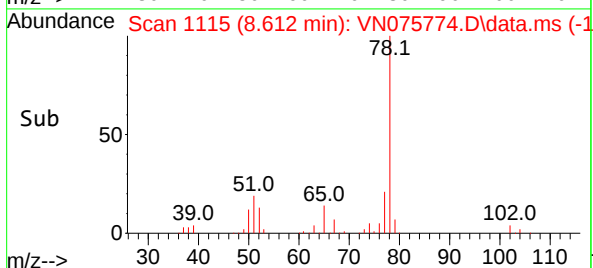
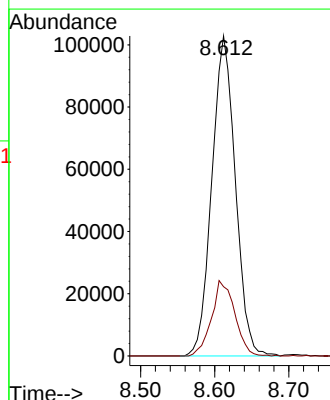
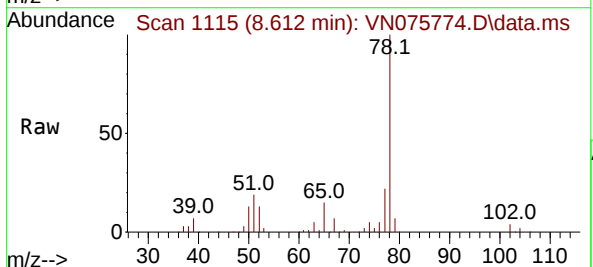
RT: 8.612 min Scan# 1115

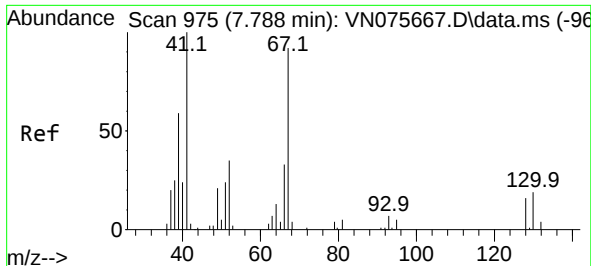
Delta R.T. -0.000 min

Lab File: VN075774.D

Acq: 14 Dec 2022 16:51

Tgt Ion: 78	Resp: 226550
Ion Ratio	Lower Upper
78	100
77	21.6 18.5 27.7





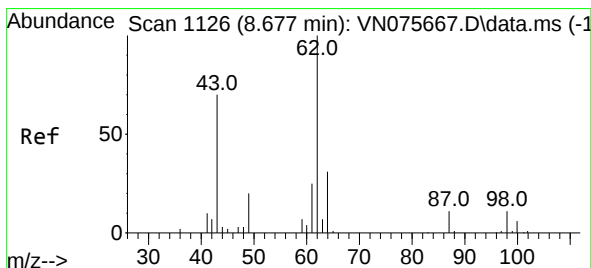
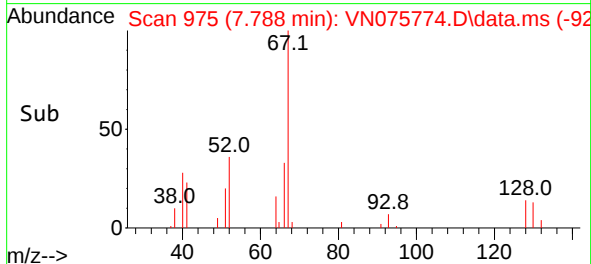
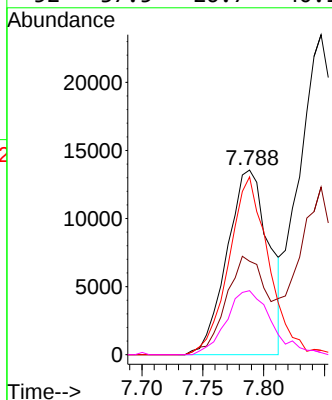
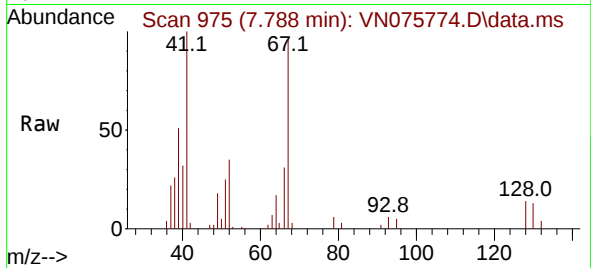
#41
Methacrylonitrile
Concen: 19.632 ug/l
RT: 7.788 min Scan# 912
Delta R.T. 0.006 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01

Tgt Ion: 41 Resp: 32480
Ion Ratio Lower Upper
41 100
39 49.6 43.1 64.7
67 92.1 70.7 106.1
52 37.5 26.7 40.1

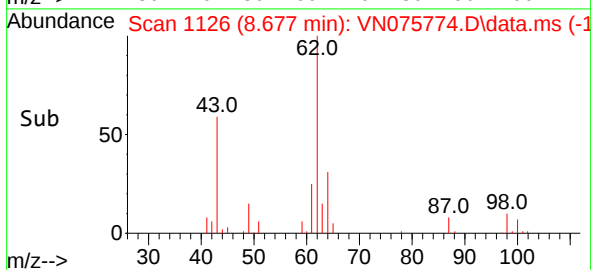
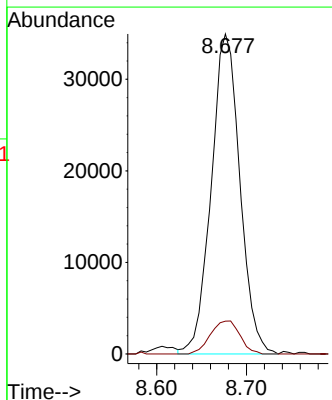
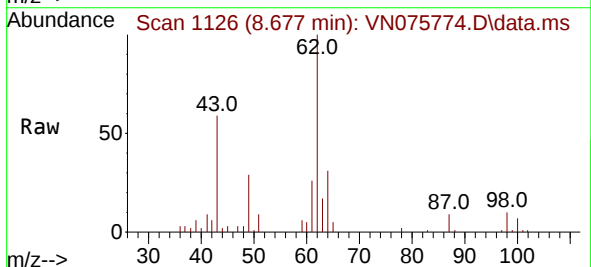
Manual Integrations
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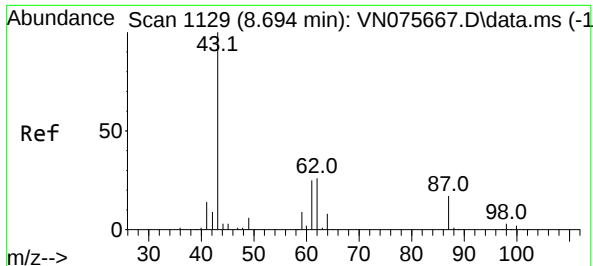
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#42
1,2-Dichloroethane
Concen: 19.077 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

Tgt Ion: 62 Resp: 77538
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.8





#43

Isopropyl Acetate

Concen: 20.354 ug/l

RT: 8.700 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN075774.D

Acq: 14 Dec 2022 16:51

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBS01

Tgt Ion: 43 Resp: 10686

Ion Ratio Lower Upper

43 100

61 30.1 24.2 36.4

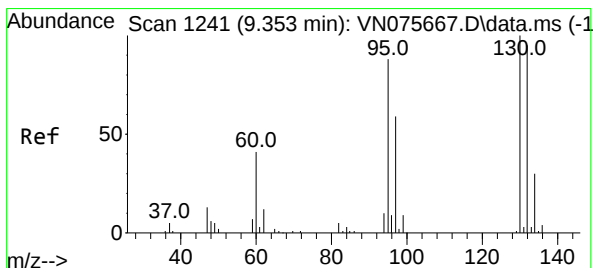
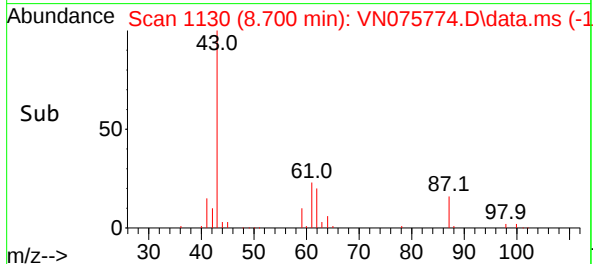
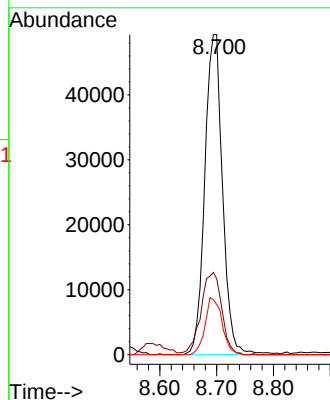
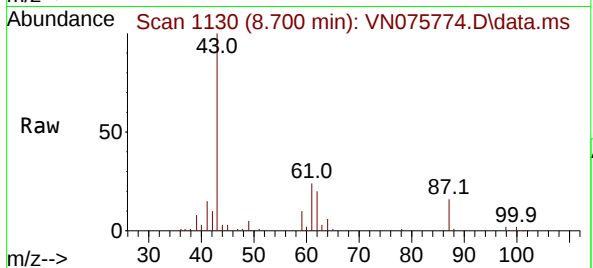
87 17.0 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#44

Trichloroethene

Concen: 17.564 ug/l

RT: 9.359 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VN075774.D

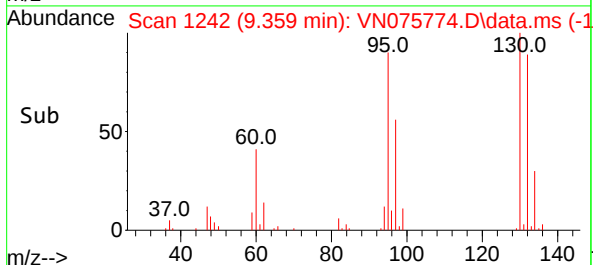
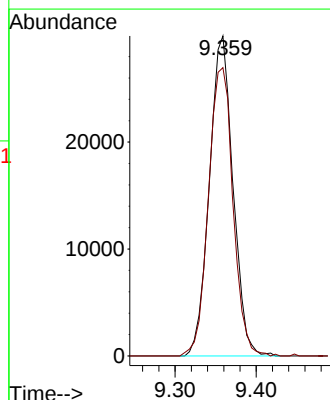
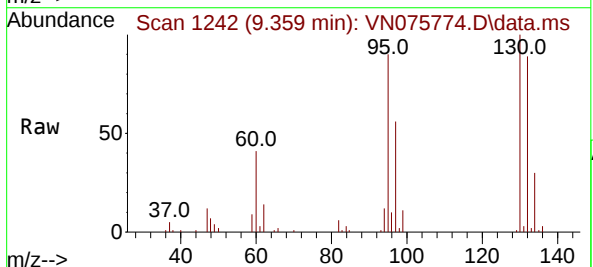
Acq: 14 Dec 2022 16:51

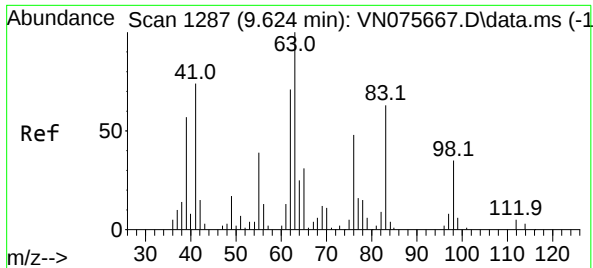
Tgt Ion:130 Resp: 60494

Ion Ratio Lower Upper

130 100

95 90.1 0.0 195.4





#45

1,2-Dichloropropane

Concen: 18.143 ug/l

RT: 9.629 min Scan# 1287

Delta R.T. 0.006 min

Lab File: VN075774.D

Acq: 14 Dec 2022 16:51

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBS01

Tgt Ion: 63 Resp: 53978

Ion Ratio Lower Upper

63 100

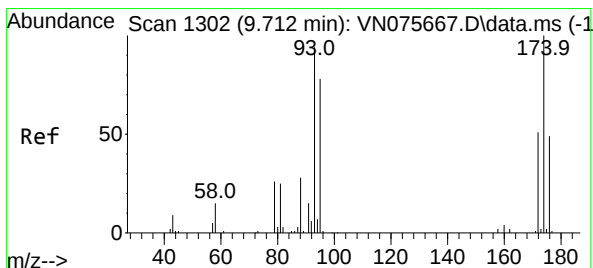
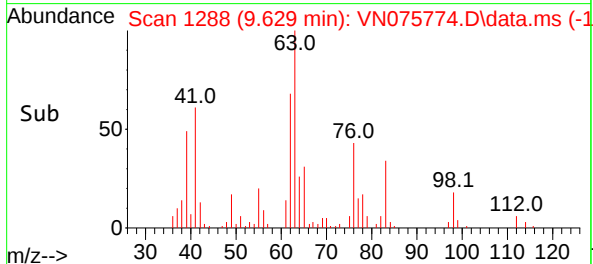
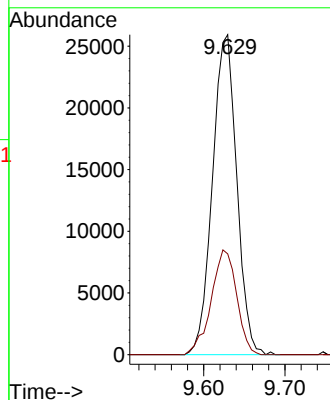
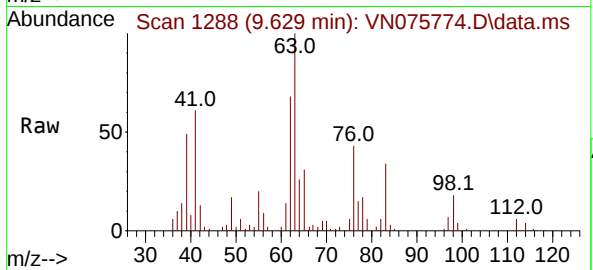
65 31.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#46

Dibromomethane

Concen: 19.176 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075774.D

Acq: 14 Dec 2022 16:51

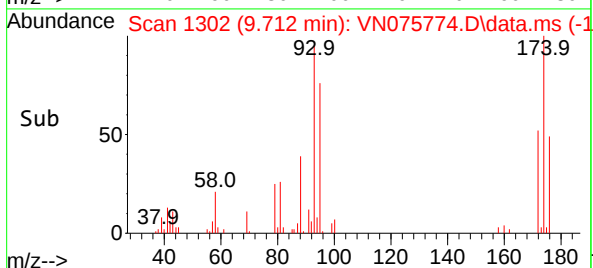
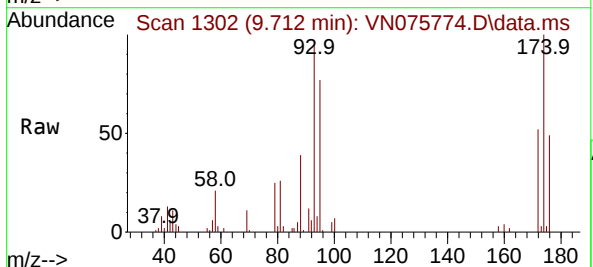
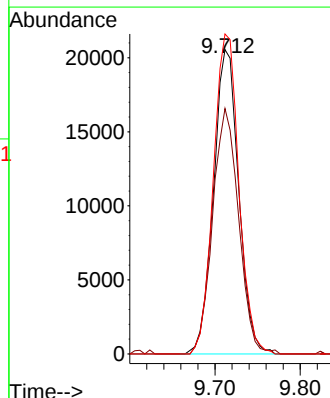
Tgt Ion: 93 Resp: 42314

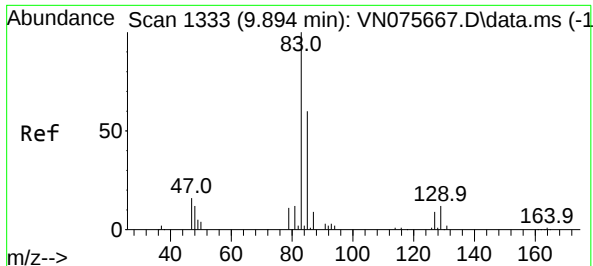
Ion Ratio Lower Upper

93 100

95 82.8 65.2 97.8

174 105.8 82.4 123.6





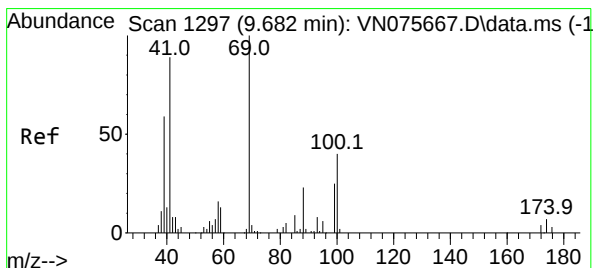
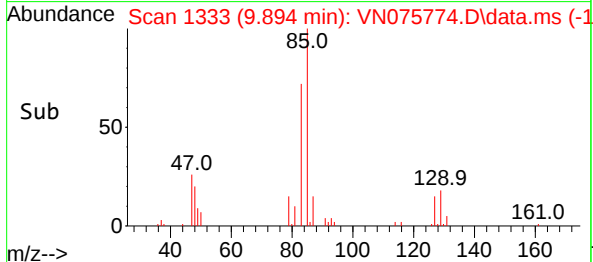
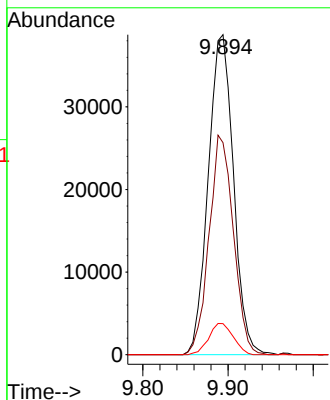
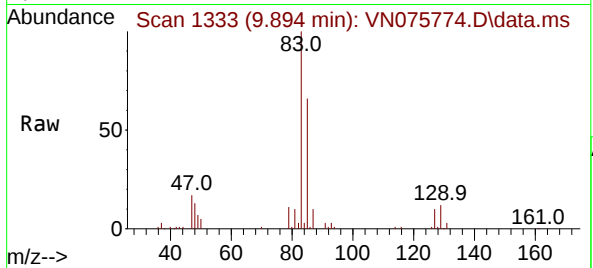
#47
Bromodichloromethane
Concen: 18.425 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01

Tgt Ion: 83 Resp: 7973
Ion Ratio Lower Upper
83 100
85 66.2 51.5 77.3
127 9.7 6.6 10.0

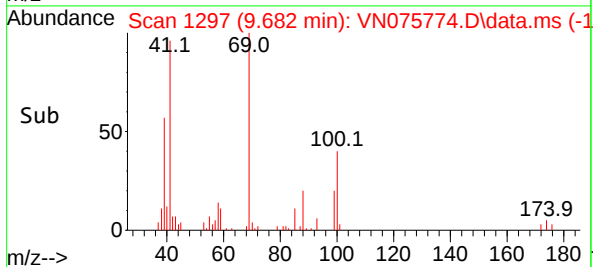
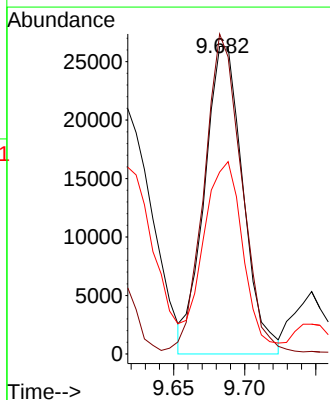
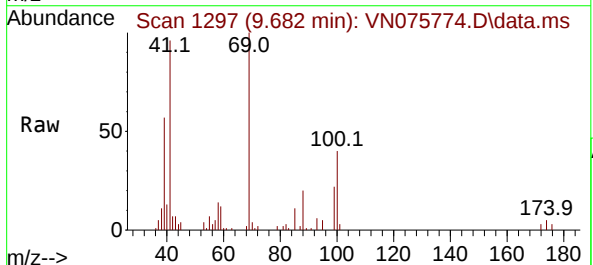
Manual Integrations
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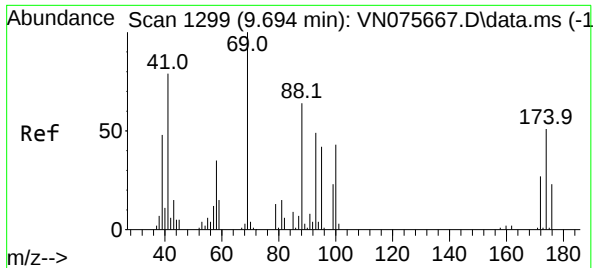
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#48
Methyl methacrylate
Concen: 21.055 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

Tgt Ion: 41 Resp: 49790
Ion Ratio Lower Upper
41 100
69 102.2 81.9 122.9
39 65.5 51.6 77.4





#49

1,4-Dioxane

Concen: 432.090 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075774.D

Acq: 14 Dec 2022 16:51

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBS01

Tgt Ion: 88 Resp: 25120

Ion Ratio Lower Upper

88 100

43 20.3 17.1 25.7

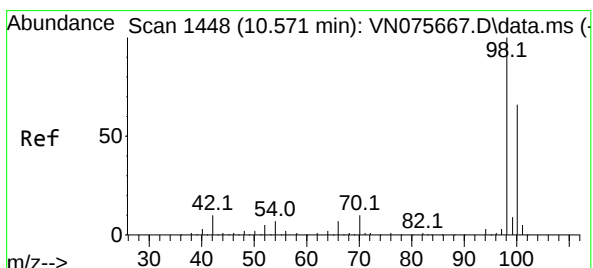
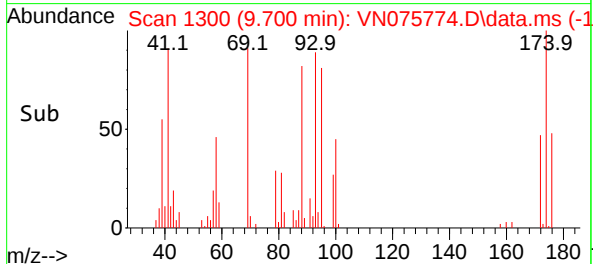
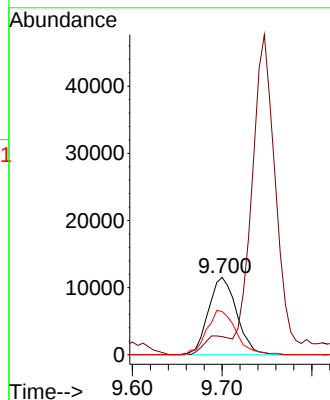
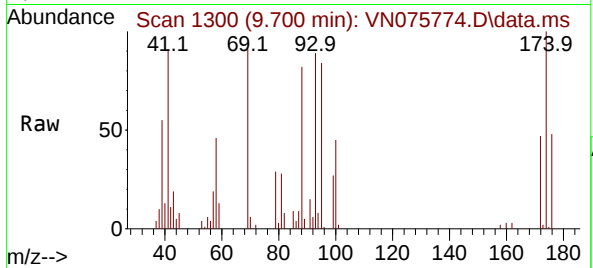
58 59.5 47.8 71.8

Manual Integrations

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Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#50

Toluene-d8

Concen: 51.297 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075774.D

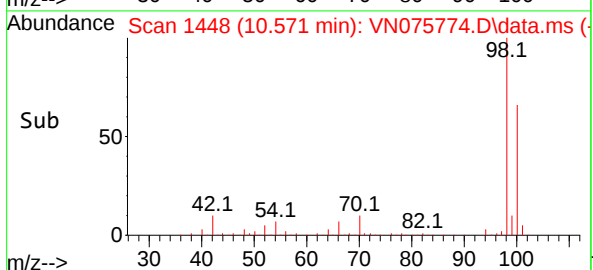
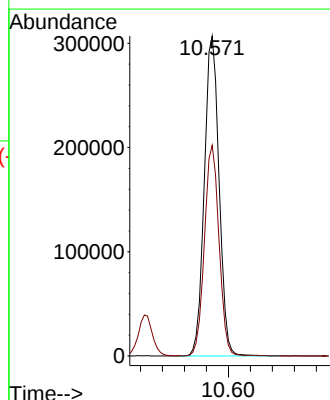
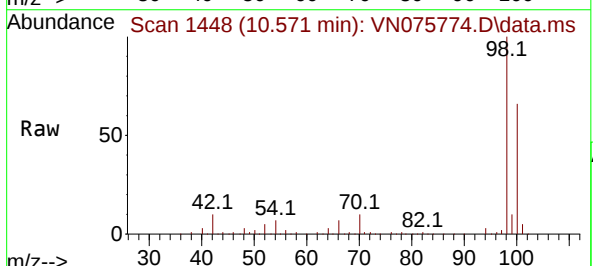
Acq: 14 Dec 2022 16:51

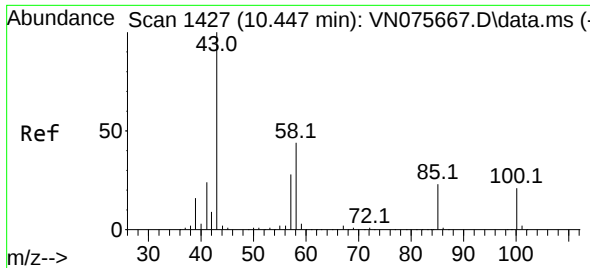
Tgt Ion: 98 Resp: 572109

Ion Ratio Lower Upper

98 100

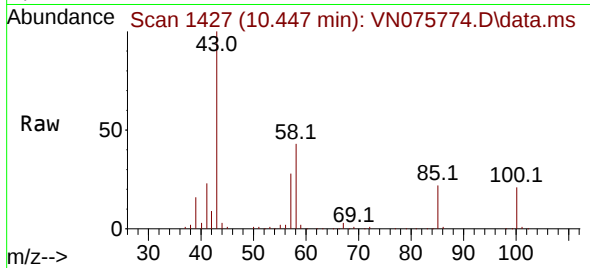
100 65.3 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 105.979 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

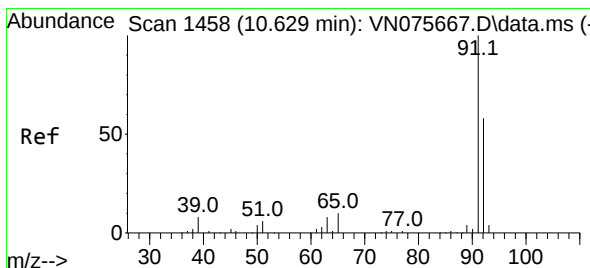
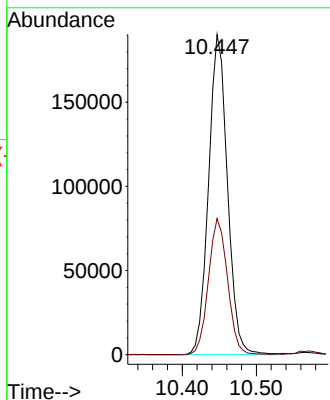
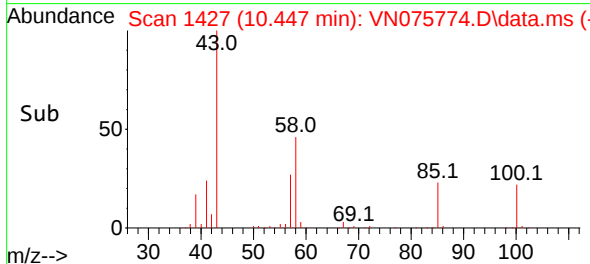
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



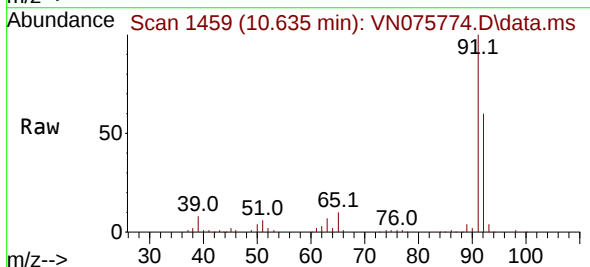
Tgt Ion: 43 Resp: 336508
Ion Ratio Lower Upper
43 100
58 43.0 35.5 53.3

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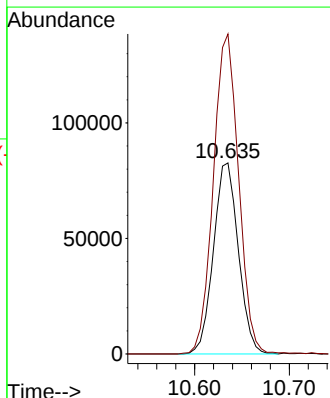
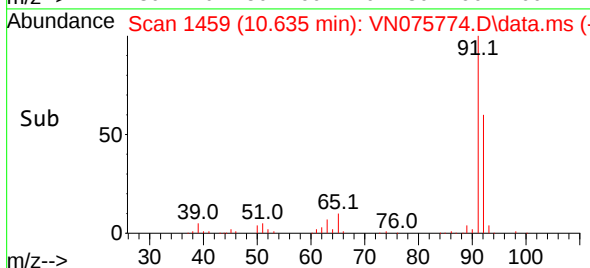
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

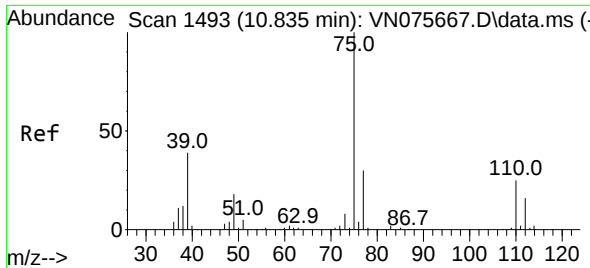


#52
Toluene
Concen: 18.993 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51



Tgt Ion: 92 Resp: 151233
Ion Ratio Lower Upper
92 100
91 170.0 137.3 205.9





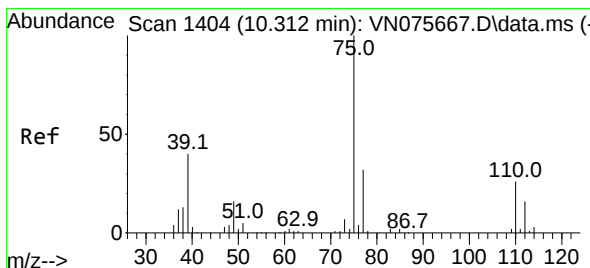
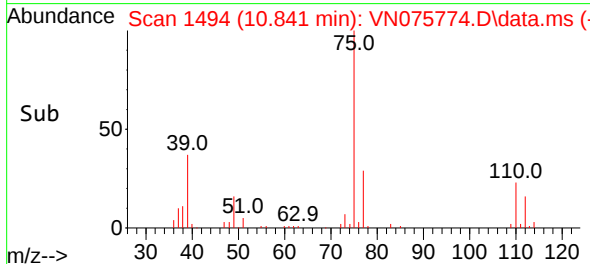
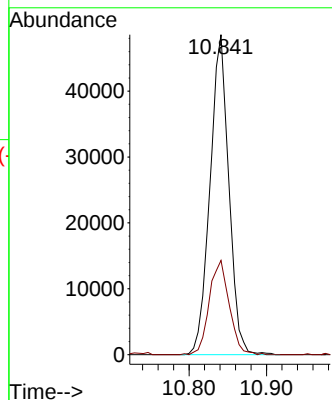
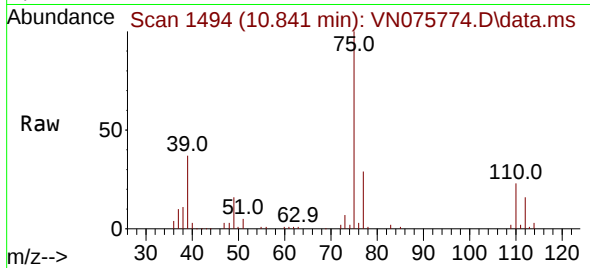
#53
 t-1,3-Dichloropropene
 Concen: 19.385 ug/l
 RT: 10.841 min Scan# 1494
 Delta R.T. 0.006 min
 Lab File: VN075774.D
 Acq: 14 Dec 2022 16:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214MBS01

Tgt Ion: 75 Resp: 82114
 Ion Ratio Lower Upper
 75 100
 77 29.5 24.9 37.3

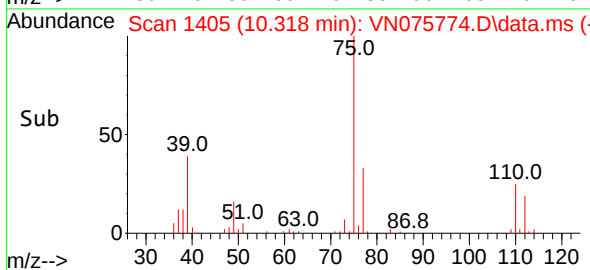
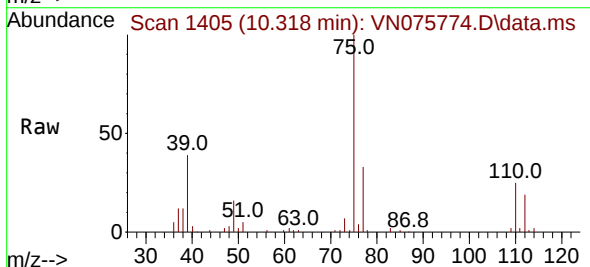
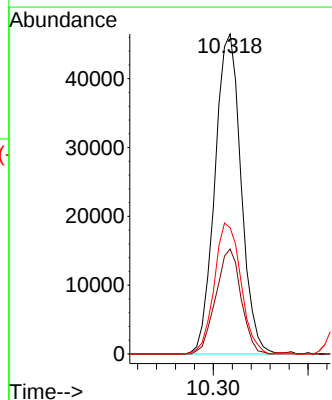
Manual Integrations
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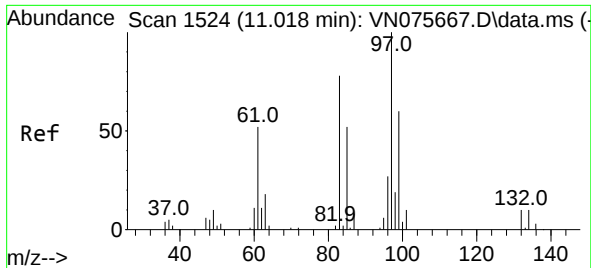
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#54
 cis-1,3-Dichloropropene
 Concen: 19.177 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075774.D
 Acq: 14 Dec 2022 16:51

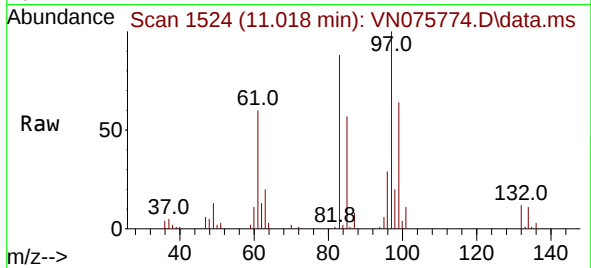
Tgt Ion: 75 Resp: 89187
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.8 38.8
 39 39.5 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 19.734 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

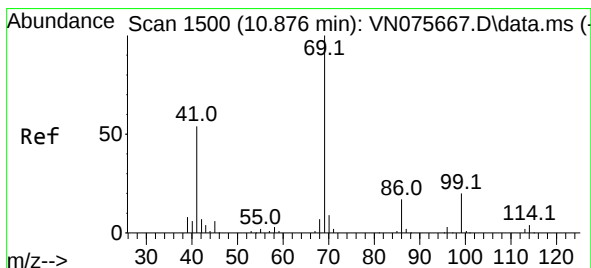
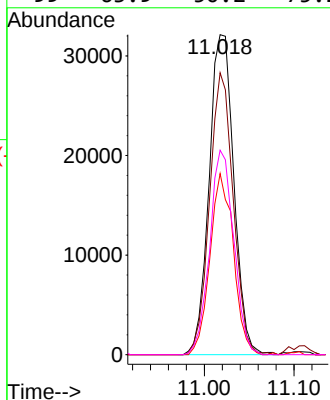
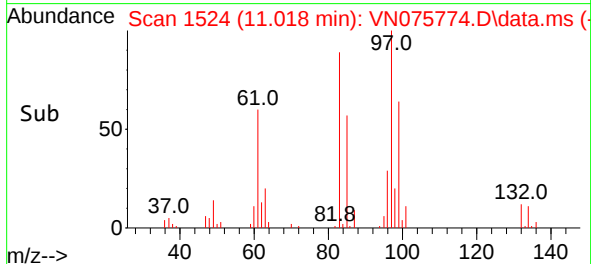
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



Tgt Ion: 97	Resp: 6167
Ion Ratio	Lower Upper
97 100	
83 88.1	65.0 97.4
85 56.6	43.0 64.6
99 63.9	50.2 75.2

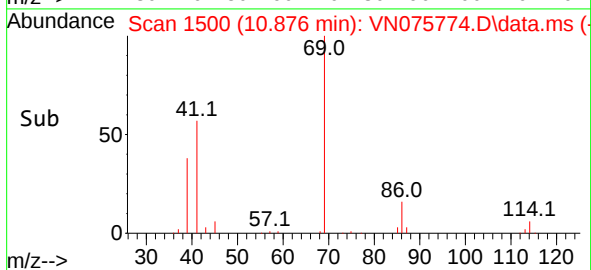
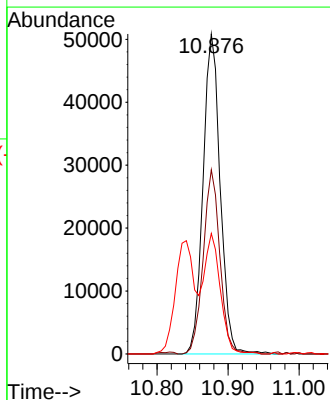
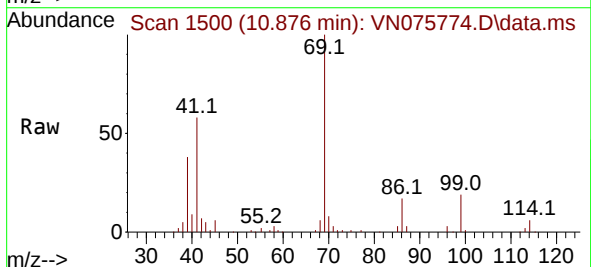
Manual Integrations
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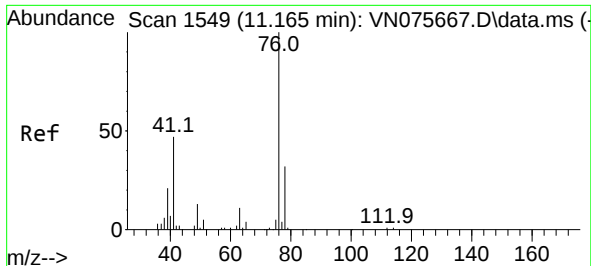
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#56
Ethyl methacrylate
Concen: 20.589 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

Tgt Ion: 69	Resp: 85471
Ion Ratio	Lower Upper
69 100	
41 56.1	44.2 66.4
39 35.5	26.4 39.6





#57

1,3-Dichloropropane

Concen: 19.435 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN075774.D

Acq: 14 Dec 2022 16:51

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBS01

Tgt Ion: 76 Resp: 99630

Ion Ratio Lower Upper

76 100

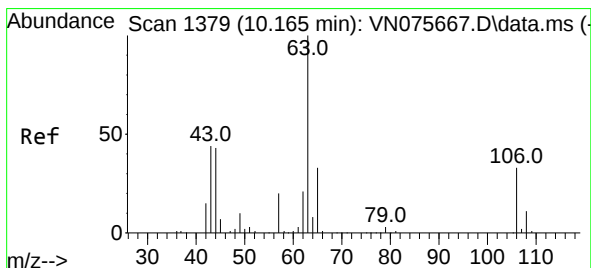
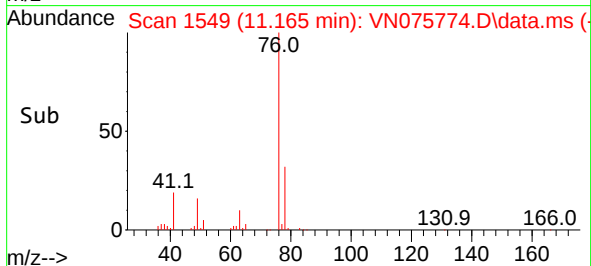
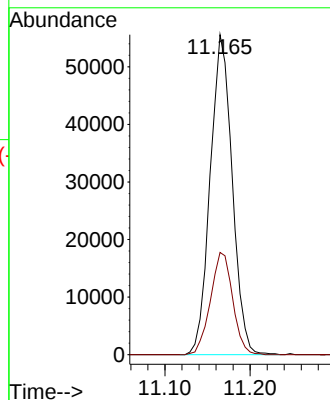
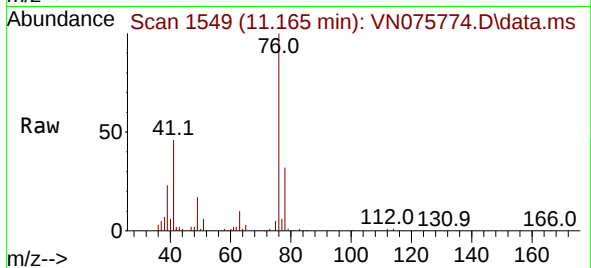
78 32.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 89.880 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075774.D

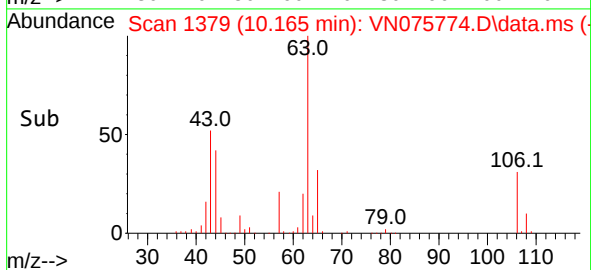
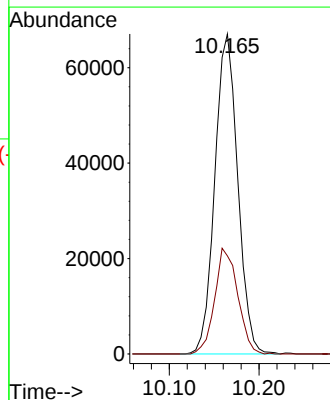
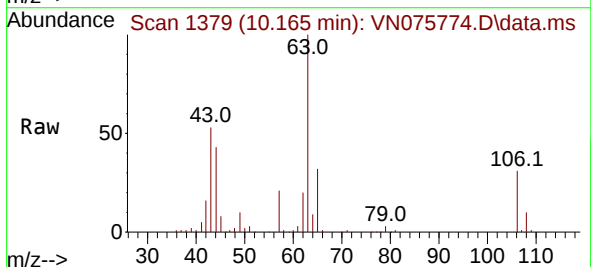
Acq: 14 Dec 2022 16:51

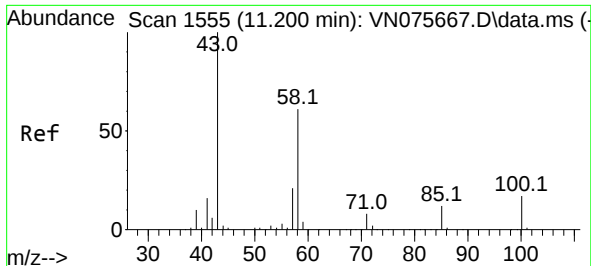
Tgt Ion: 63 Resp: 118792

Ion Ratio Lower Upper

63 100

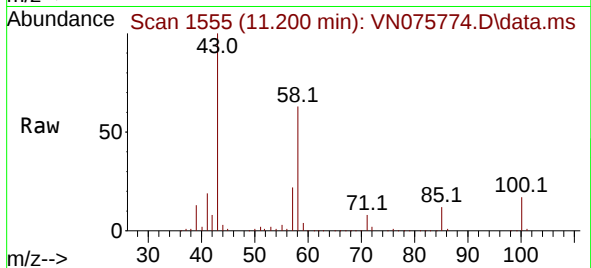
106 33.3 26.4 39.6





#59
2-Hexanone
Concen: 105.842 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

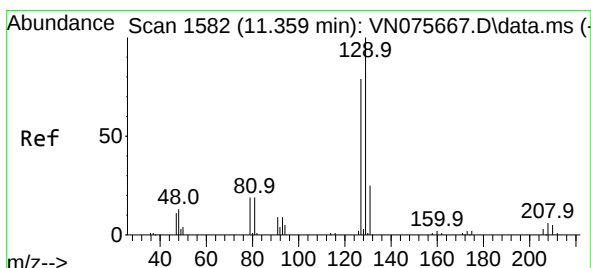
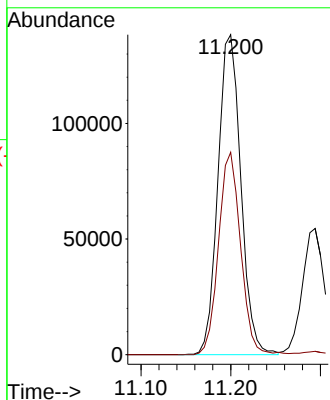
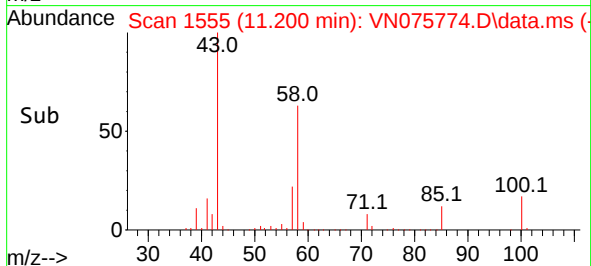
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



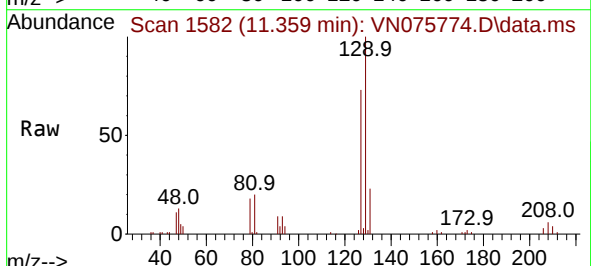
Tgt Ion: 43 Resp: 245089
Ion Ratio Lower Upper
43 100
58 61.0 30.6 92.0

Manual Integrations
APPROVED

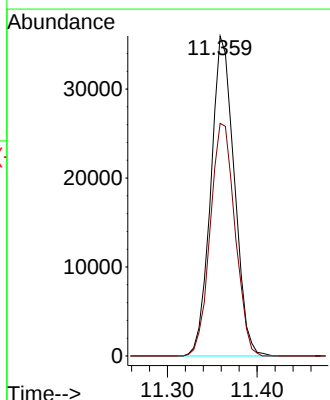
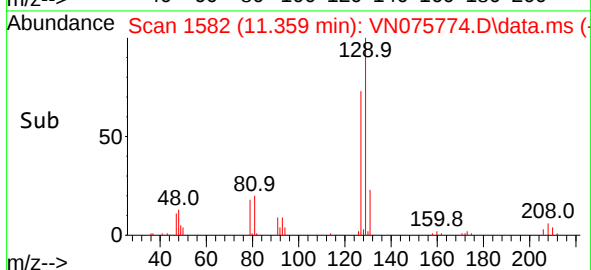
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

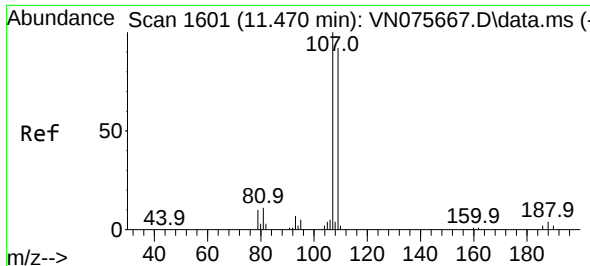


#60
Dibromochloromethane
Concen: 18.784 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51



Tgt Ion:129 Resp: 65287
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.9





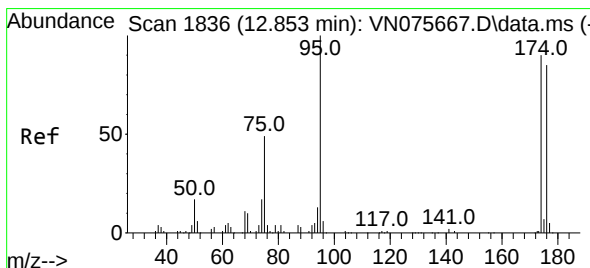
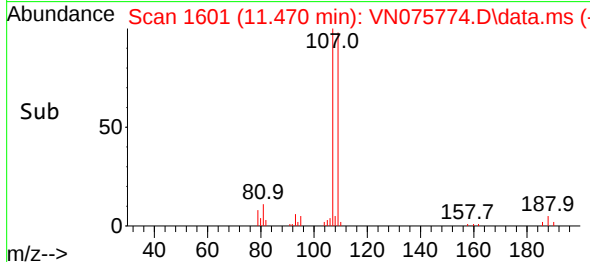
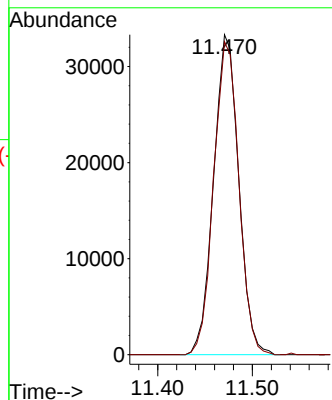
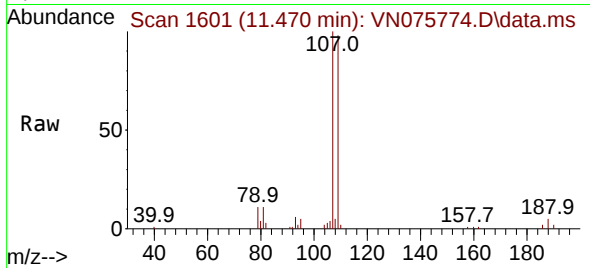
#61
1,2-Dibromoethane
Concen: 19.397 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01

Tgt Ion:107 Resp: 61348
Ion Ratio Lower Upper
107 100
109 97.9 74.8 112.2

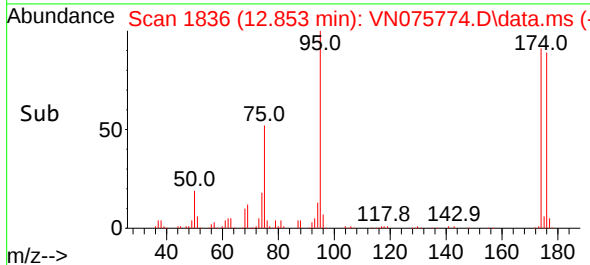
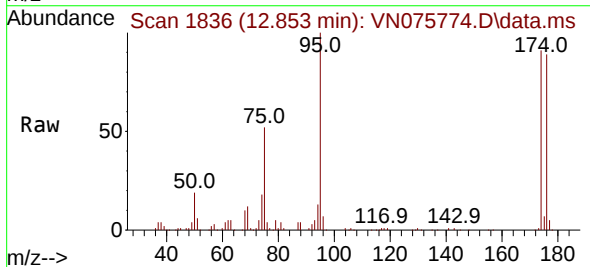
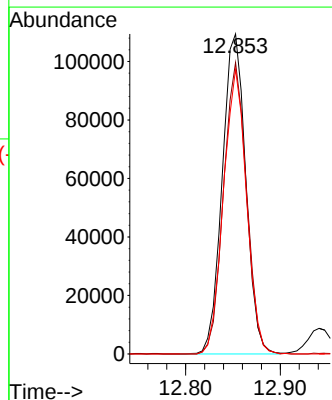
Manual Integrations
APPROVED

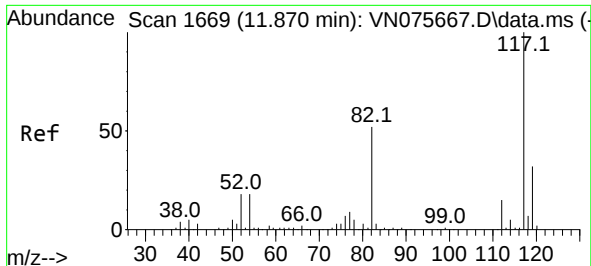
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#62
4-Bromofluorobenzene
Concen: 51.098 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

Tgt Ion: 95 Resp: 188756
Ion Ratio Lower Upper
95 100
174 89.0 0.0 171.6
176 87.1 0.0 169.2





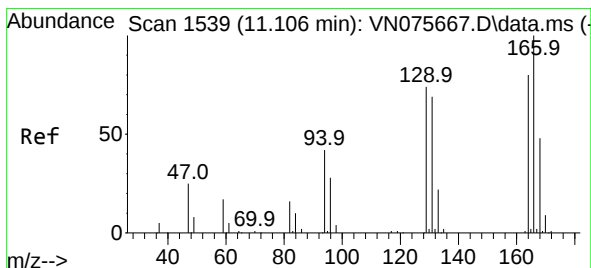
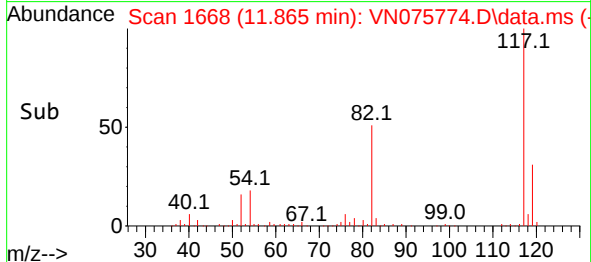
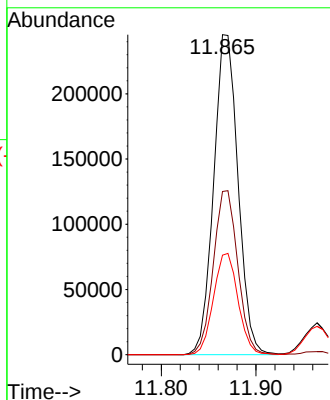
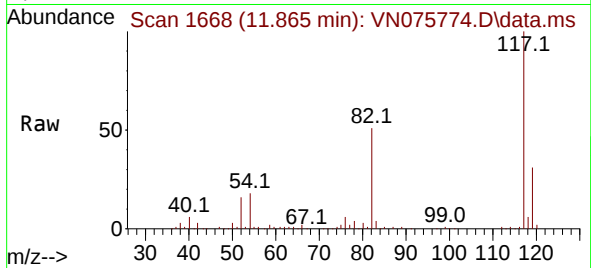
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01

Tgt Ion:117 Resp: 43954
Ion Ratio Lower Upper
117 100
82 51.0 41.3 61.9
119 31.1 24.6 37.0

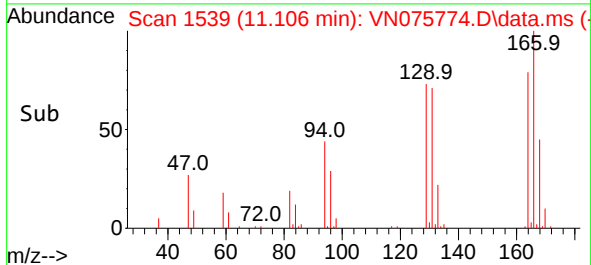
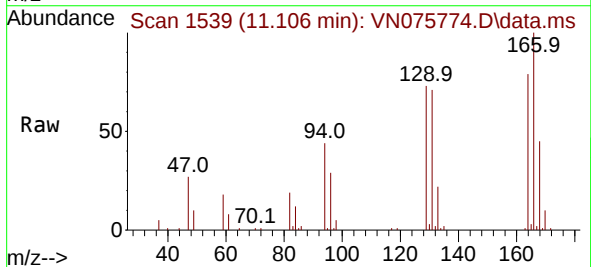
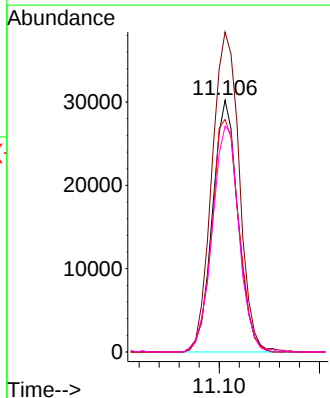
Manual Integrations
APPROVED

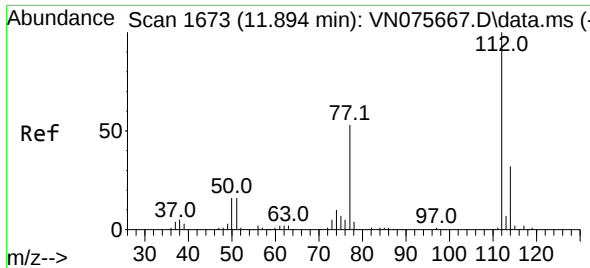
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#64
Tetrachloroethene
Concen: 17.242 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

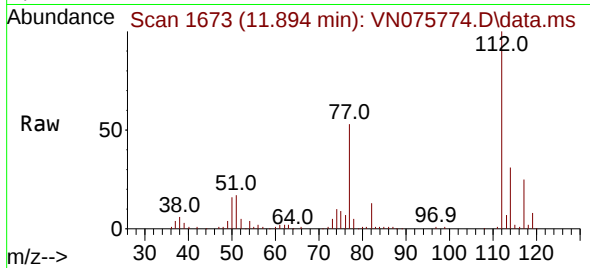
Tgt Ion:164 Resp: 53329
Ion Ratio Lower Upper
164 100
166 127.2 101.9 152.9
129 92.4 74.2 111.2
131 89.7 72.4 108.6





#65
Chlorobenzene
Concen: 17.929 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

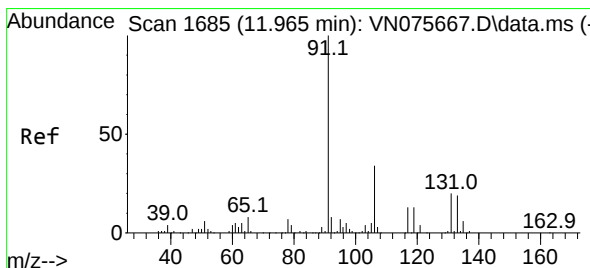
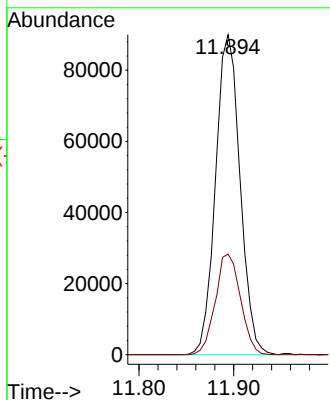
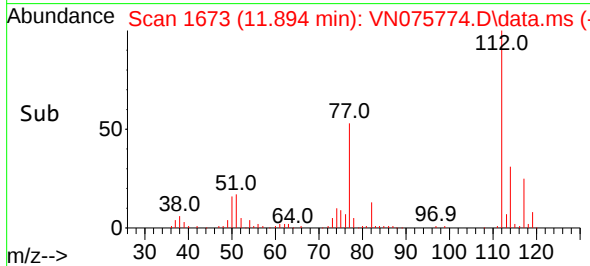
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



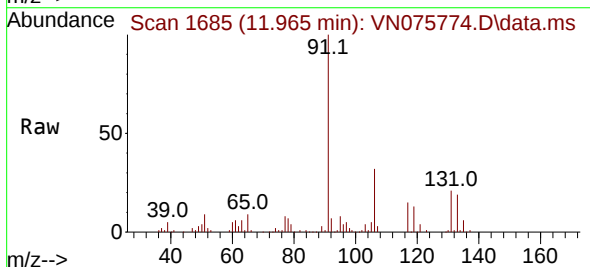
Tgt Ion:112 Resp: 16175
Ion Ratio Lower Upper
112 100
114 31.4 24.7 37.1

Manual Integrations
APPROVED

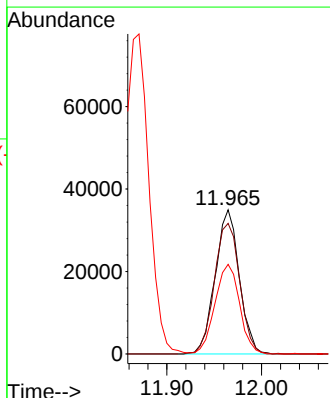
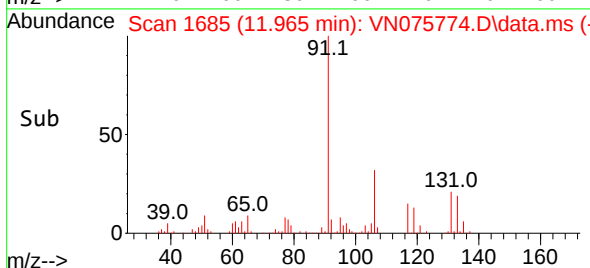
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

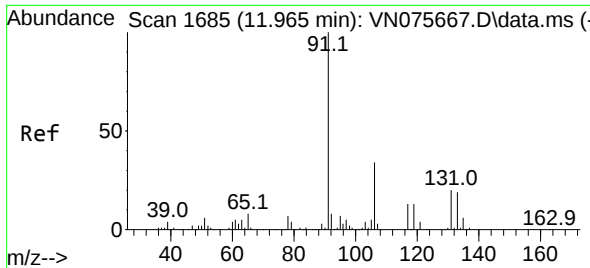


#66
1,1,1,2-Tetrachloroethane
Concen: 18.492 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51



Tgt Ion:131 Resp: 61791
Ion Ratio Lower Upper
131 100
133 95.3 47.5 142.5
119 63.6 31.9 95.7





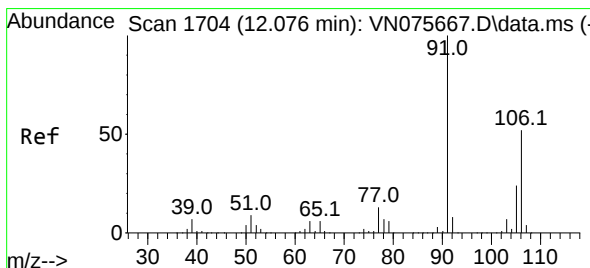
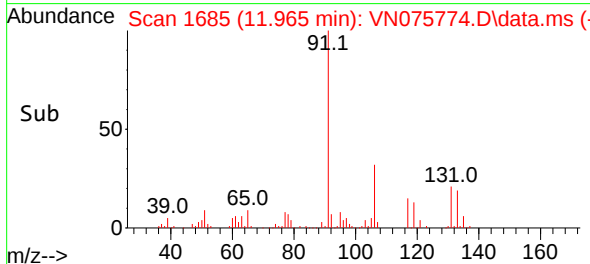
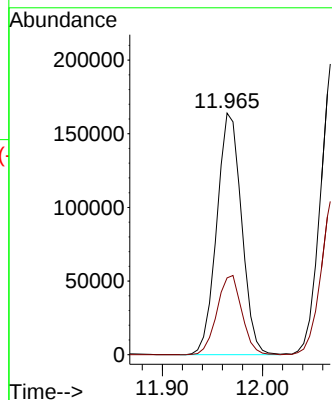
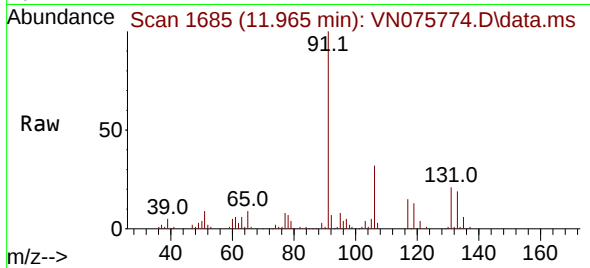
#67
Ethyl Benzene
Concen: 18.482 ug/l
RT: 11.965 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01

Tgt Ion: 91 Resp: 28140
Ion Ratio Lower Upper
91 100
106 31.8 25.7 38.5

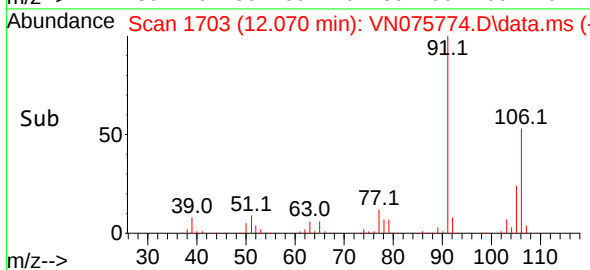
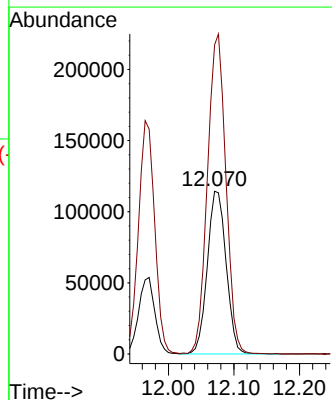
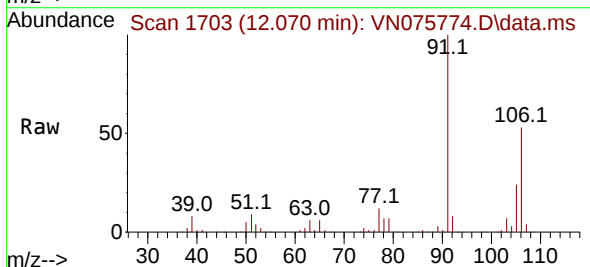
Manual Integrations
APPROVED

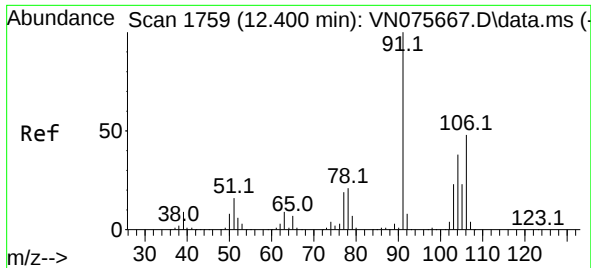
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#68
m/p-Xylenes
Concen: 37.859 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

Tgt Ion:106 Resp: 228152
Ion Ratio Lower Upper
106 100
91 192.4 156.6 235.0





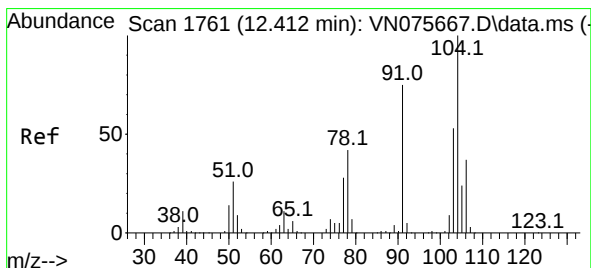
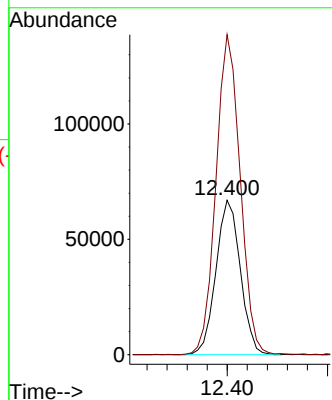
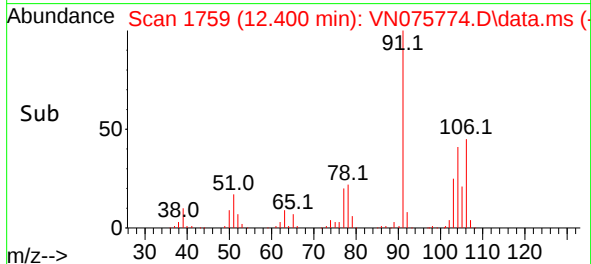
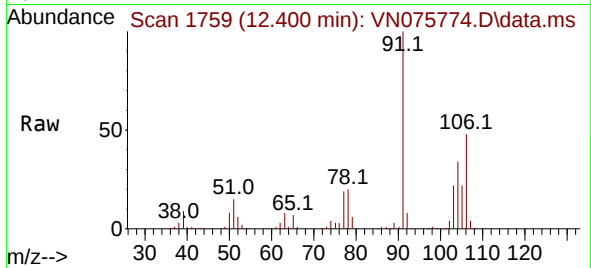
#69
o-Xylene
Concen: 18.891 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01

Tgt Ion:106 Resp: 11266
Ion Ratio Lower Upper
106 100
91 206.6 103.8 311.6

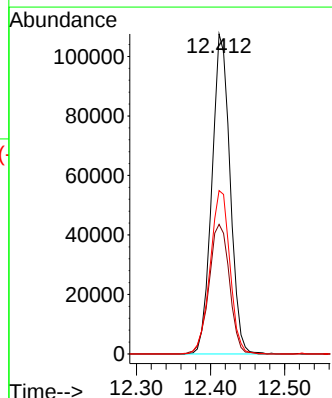
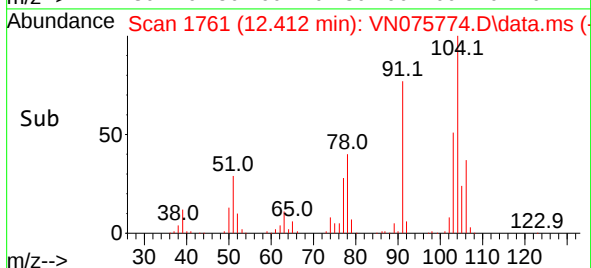
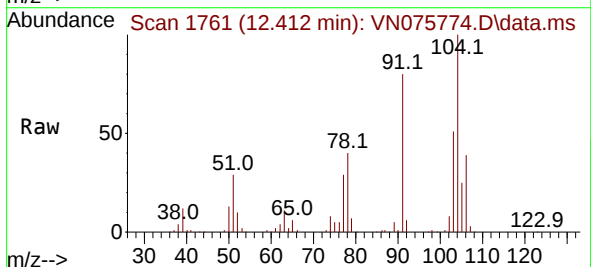
Manual Integrations
APPROVED

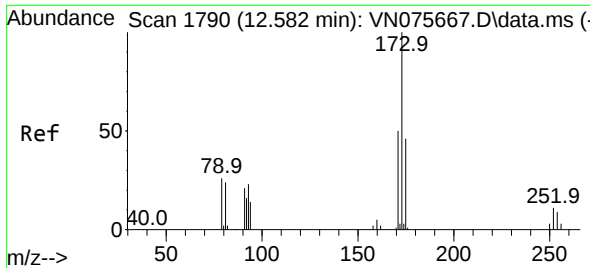
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#70
Styrene
Concen: 19.306 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

Tgt Ion:104 Resp: 183070
Ion Ratio Lower Upper
104 100
78 45.5 37.5 56.3
103 55.4 43.5 65.3





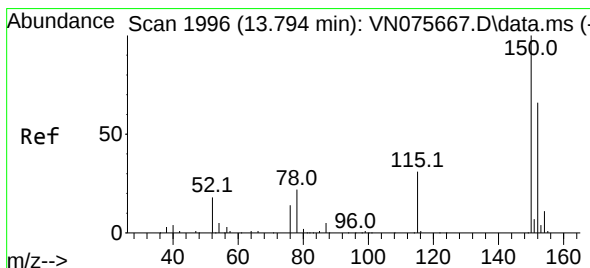
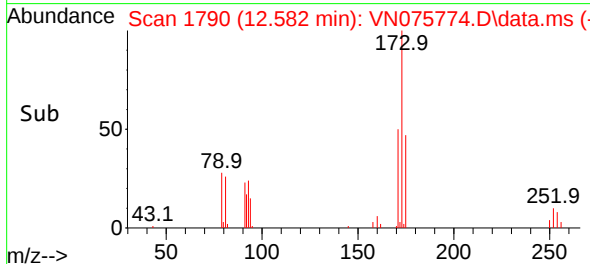
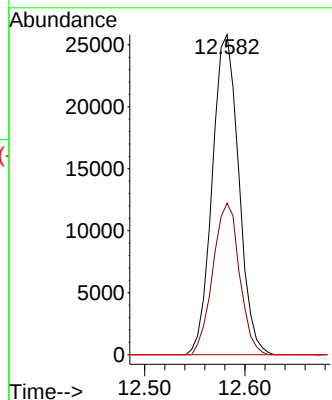
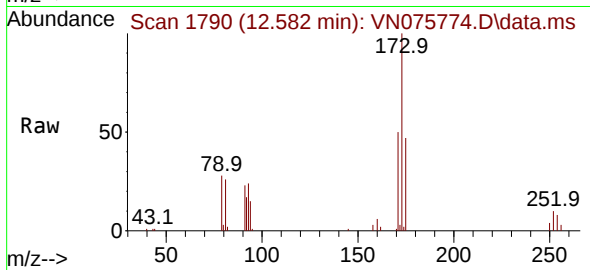
#71
Bromoform
Concen: 19.481 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01

Tgt Ion:173 Resp: 47368
Ion Ratio Lower Upper
173 100
175 47.5 24.3 72.8
254 0.0 0.0 0.0

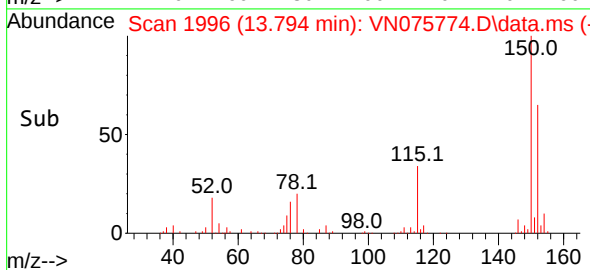
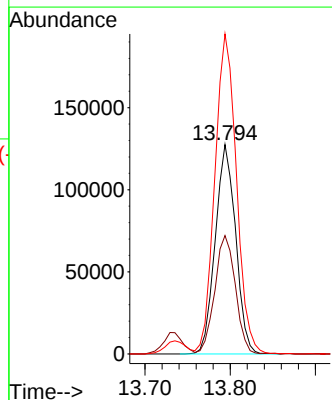
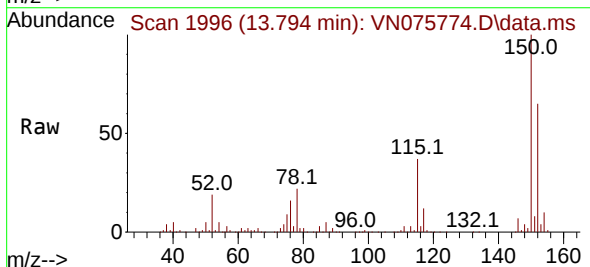
Manual Integrations
APPROVED

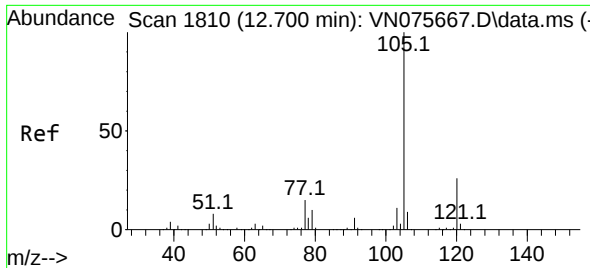
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

Tgt Ion:152 Resp: 212463
Ion Ratio Lower Upper
152 100
115 57.4 29.1 87.4
150 161.9 0.0 347.0





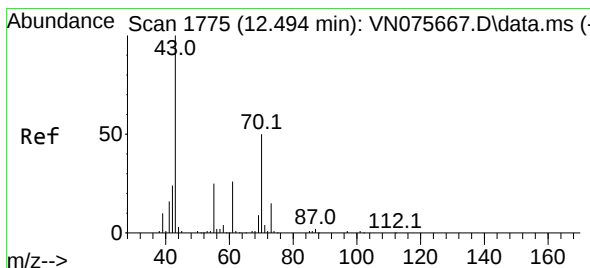
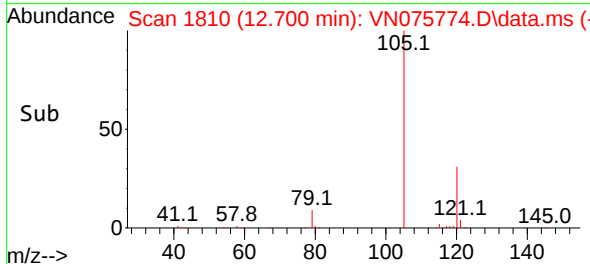
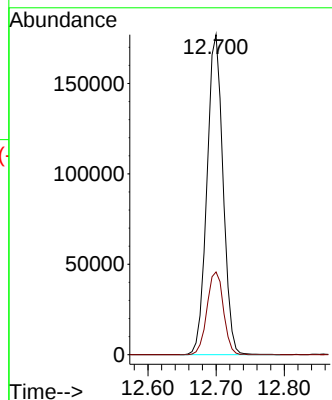
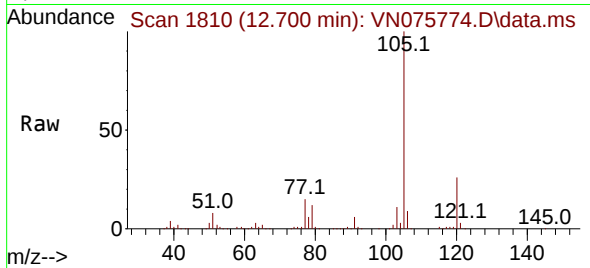
#73
Isopropylbenzene
Concen: 18.896 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01

Tgt Ion:105 Resp: 290125
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2

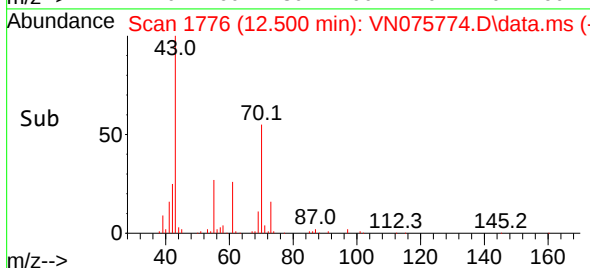
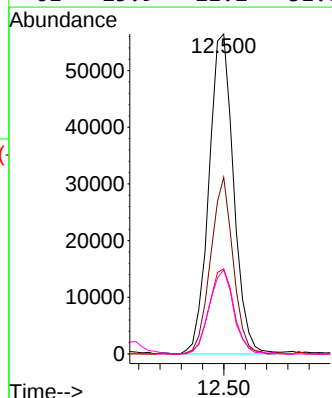
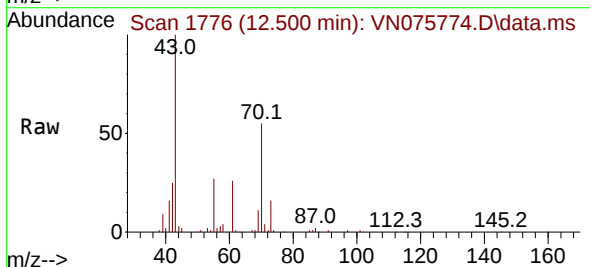
Manual Integrations
APPROVED

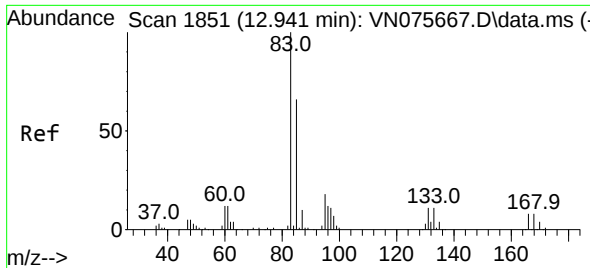
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#74
N-ethyl acetate
Concen: 20.218 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

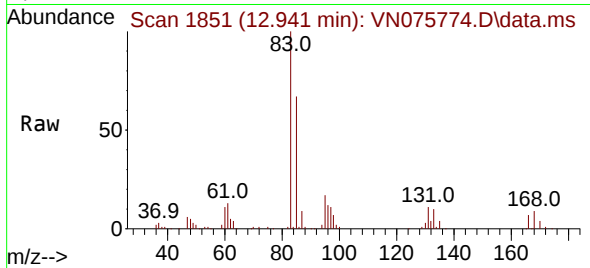
Tgt Ion: 43 Resp: 91066
Ion Ratio Lower Upper
43 100
70 50.0 41.4 62.0
55 26.8 21.3 31.9
61 25.9 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 18.727 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

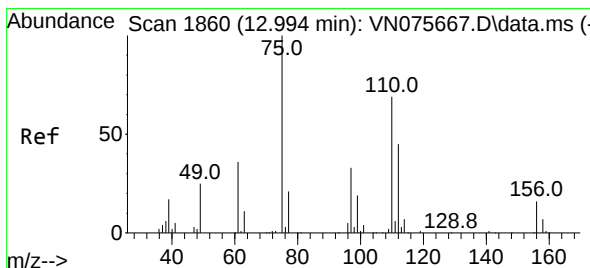
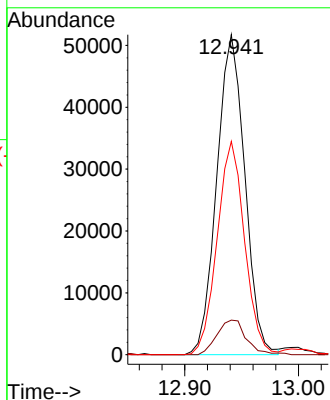
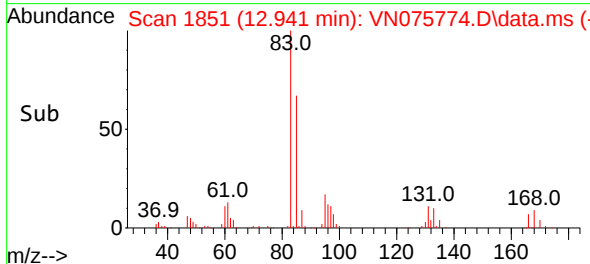
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



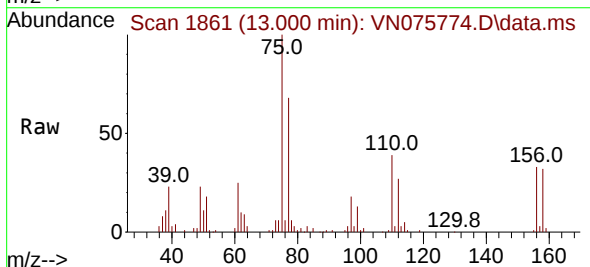
Tgt Ion: 83 Resp: 88884
Ion Ratio Lower Upper
83 100
131 11.3 5.6 16.8
85 65.2 32.6 98.0

Manual Integrations
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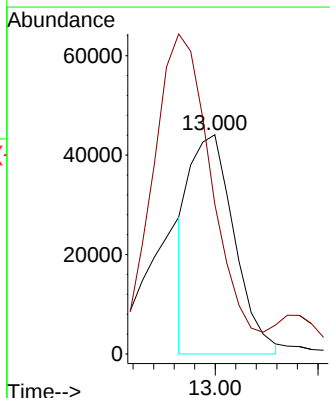
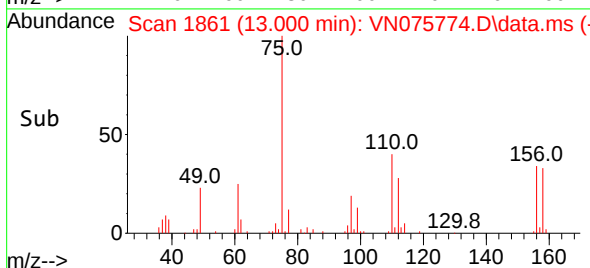
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

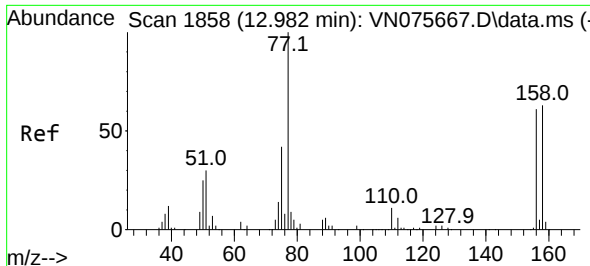


#76
1,2,3-Trichloropropane
Concen: 15.649 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51



Tgt Ion: 75 Resp: 67022
Ion Ratio Lower Upper
75 100
77 195.4 82.6 247.8





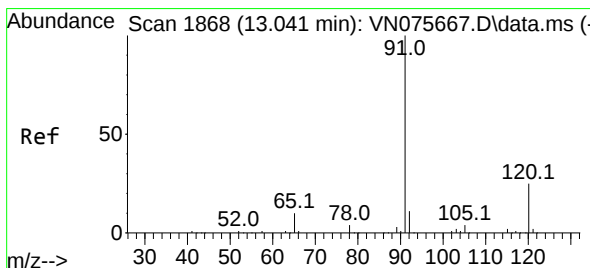
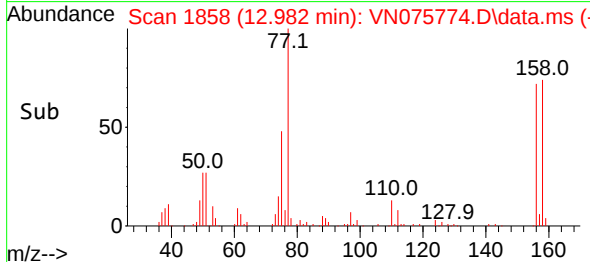
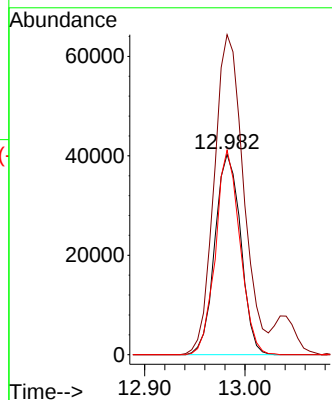
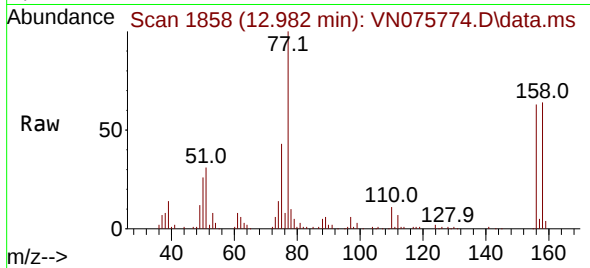
#77
Bromobenzene
Concen: 18.548 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01

Tgt Ion:156 Resp: 7207
Ion Ratio Lower Upper
156 100
77 181.7 93.8 281.3
158 96.9 48.9 146.6

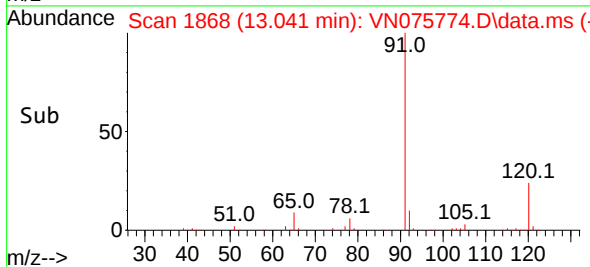
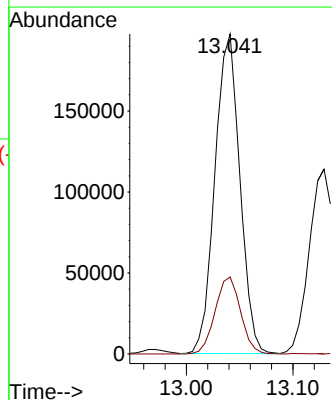
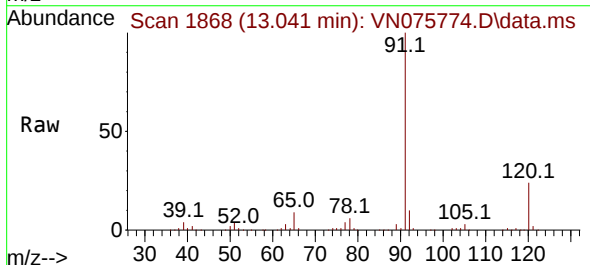
Manual Integrations
APPROVED

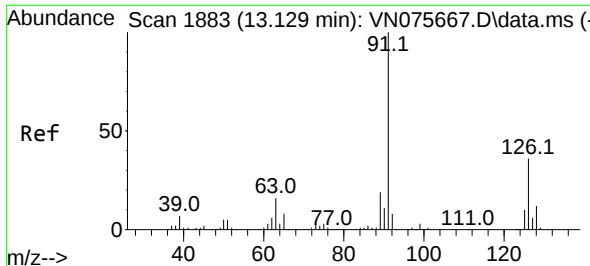
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#78
n-propylbenzene
Concen: 18.925 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

Tgt Ion: 91 Resp: 320470
Ion Ratio Lower Upper
91 100
120 24.5 12.0 36.1





#79

2-Chlorotoluene

Concen: 18.667 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. -0.000 min

Lab File: VN075774.D

Acq: 14 Dec 2022 16:51

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBS01

Tgt Ion: 91 Resp: 197329

Ion Ratio Lower Upper

91 100

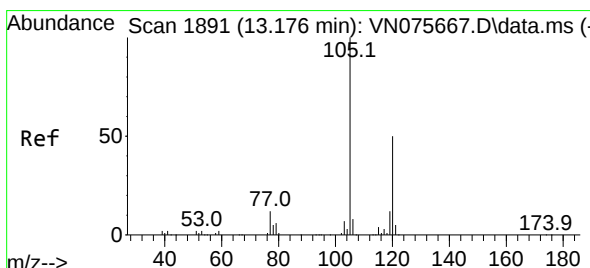
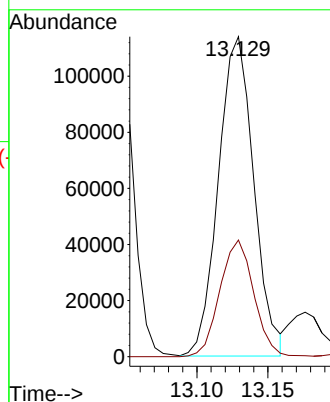
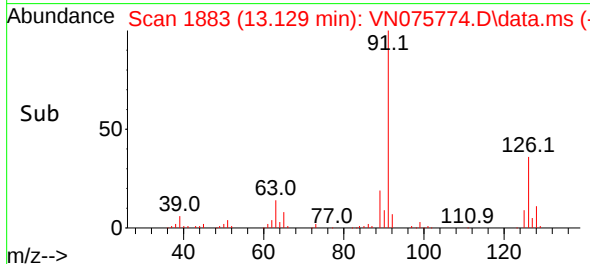
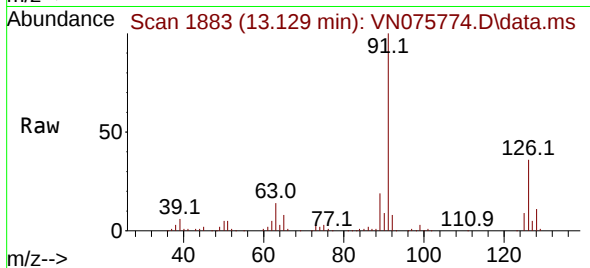
126 35.1 17.5 52.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#80

1,3,5-Trimethylbenzene

Concen: 19.236 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. -0.000 min

Lab File: VN075774.D

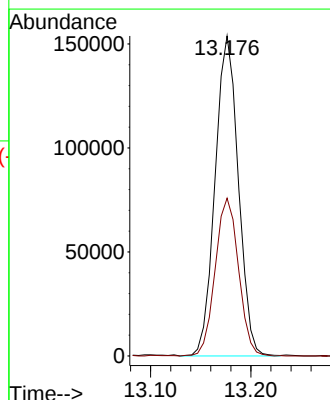
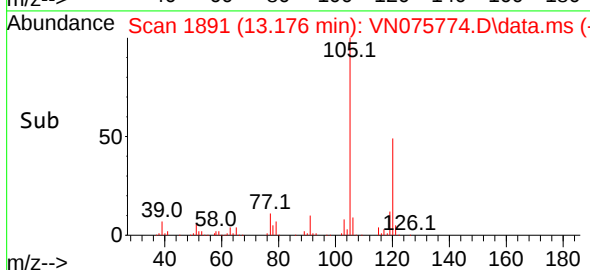
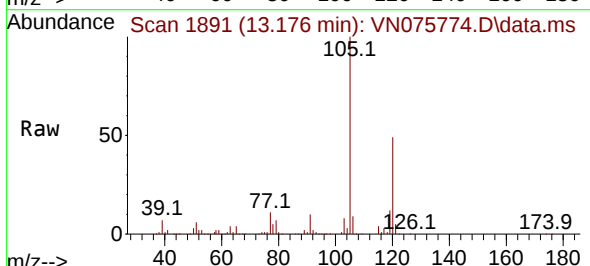
Acq: 14 Dec 2022 16:51

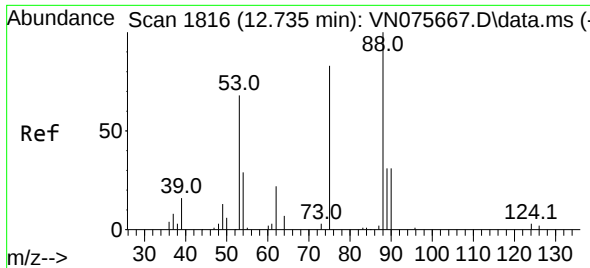
Tgt Ion:105 Resp: 247187

Ion Ratio Lower Upper

105 100

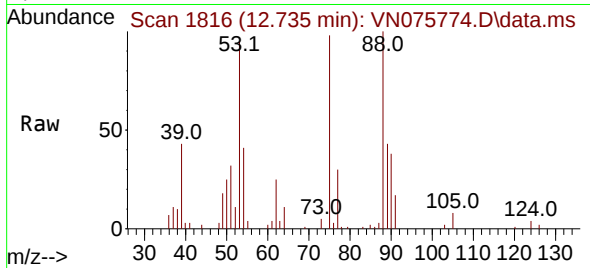
120 49.4 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 19.643 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

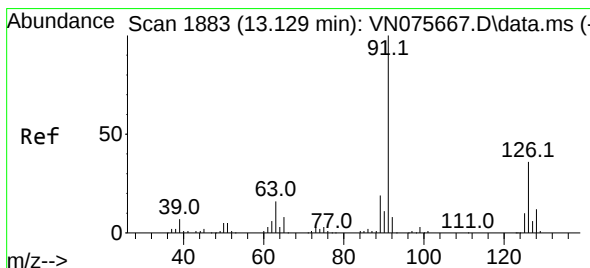
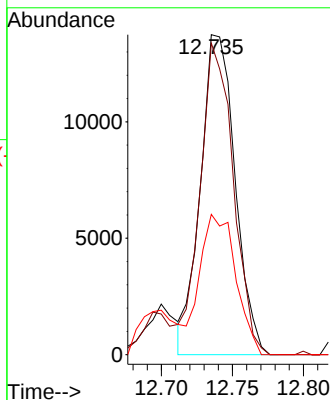
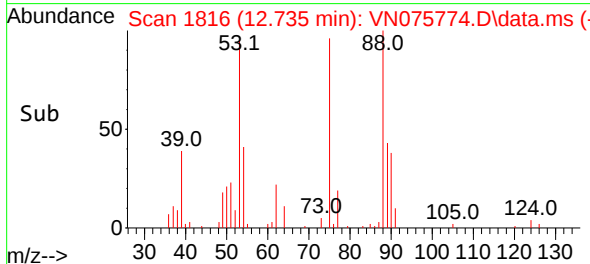
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



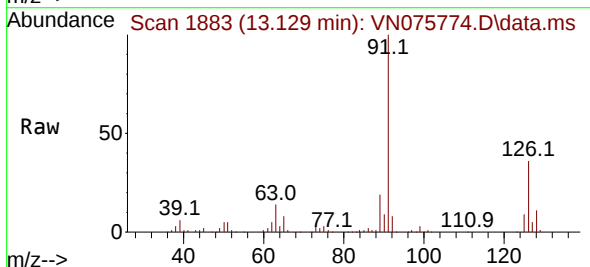
Tgt Ion: 75 Resp: 2337
Ion Ratio Lower Upper
75 100
53 94.8 73.8 110.6
89 44.7 39.5 59.3

Manual Integrations
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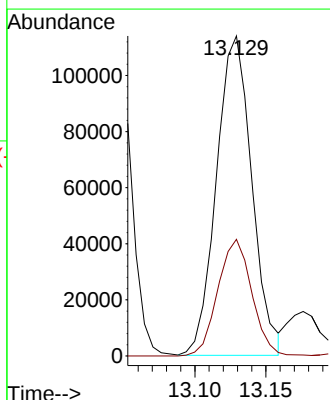
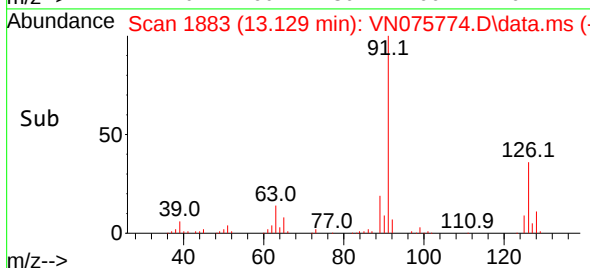
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

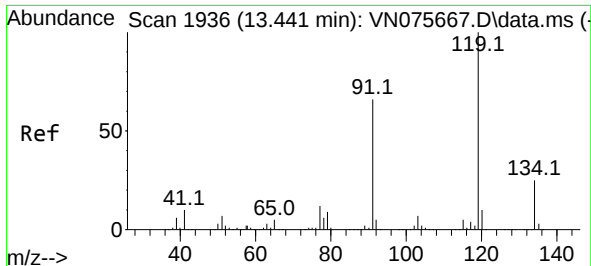


#82
4-Chlorotoluene
Concen: 18.667 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51



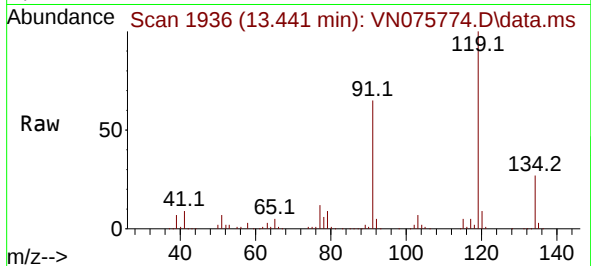
Tgt Ion: 91 Resp: 197329
Ion Ratio Lower Upper
91 100
126 35.1 17.5 52.5





#83
tert-Butylbenzene
Concen: 19.835 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

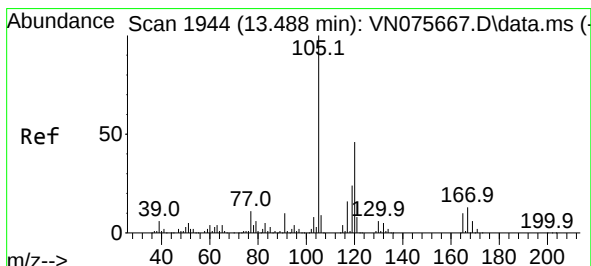
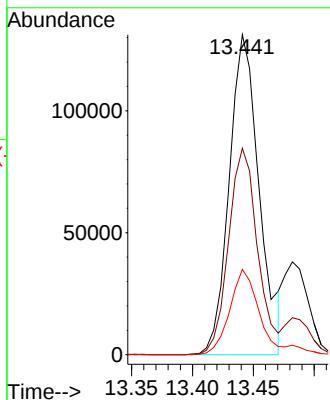
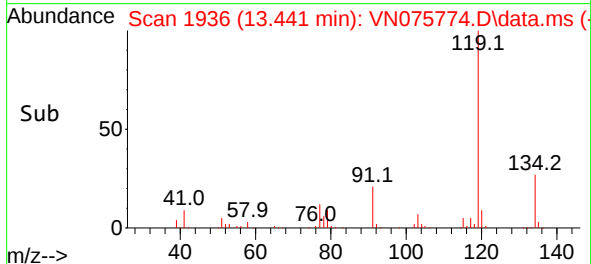
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



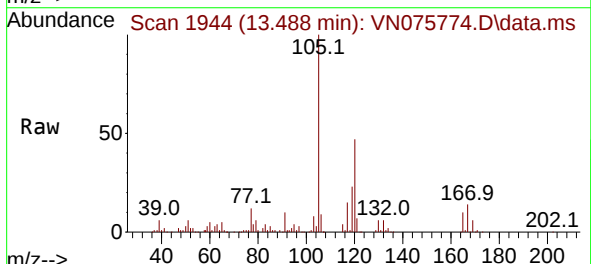
Tgt Ion:119 Resp: 224728
Ion Ratio Lower Upper
119 100
91 62.6 31.9 95.5
134 27.5 13.8 41.4

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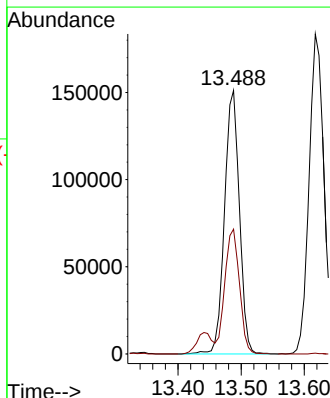
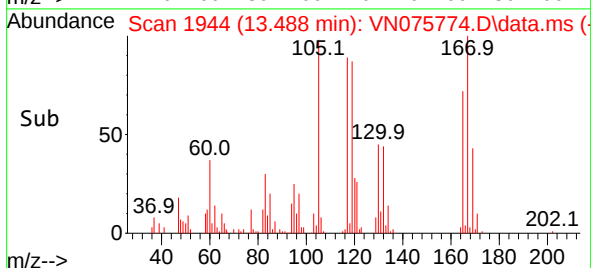
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

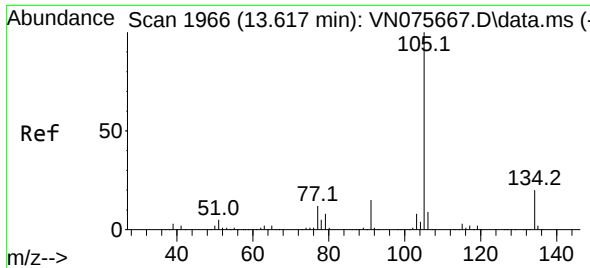


#84
1,2,4-Trimethylbenzene
Concen: 19.419 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51



Tgt Ion:105 Resp: 247544
Ion Ratio Lower Upper
105 100
120 46.6 23.3 69.8





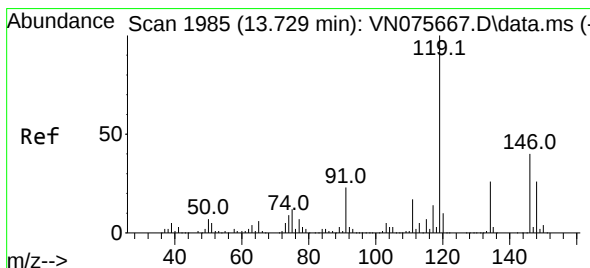
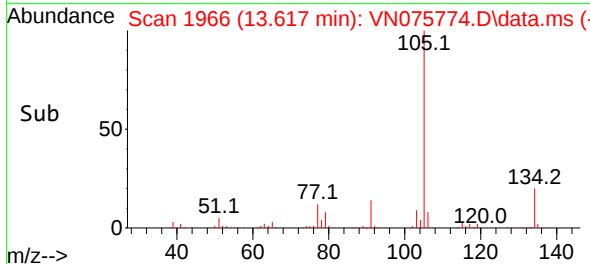
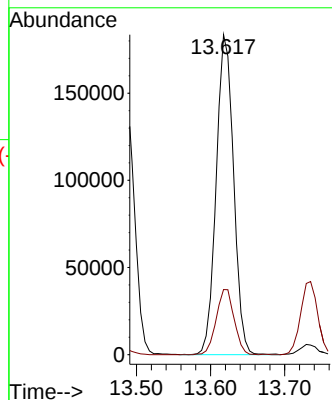
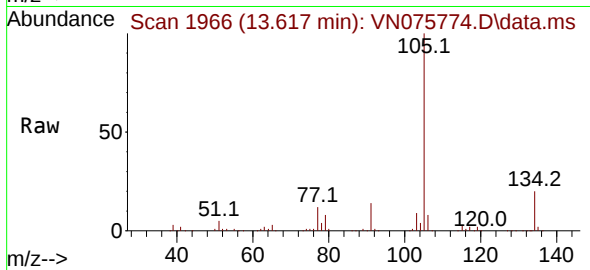
#85
 sec-Butylbenzene
 Concen: 19.142 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075774.D
 Acq: 14 Dec 2022 16:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214MBS01

Tgt Ion:105 Resp: 29933
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.1 30.1

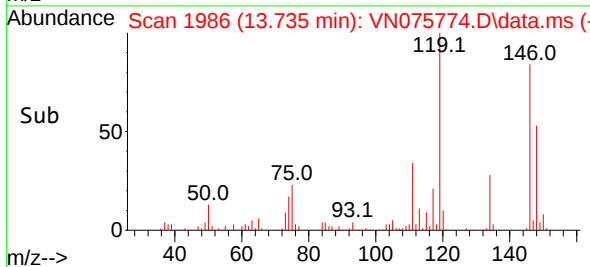
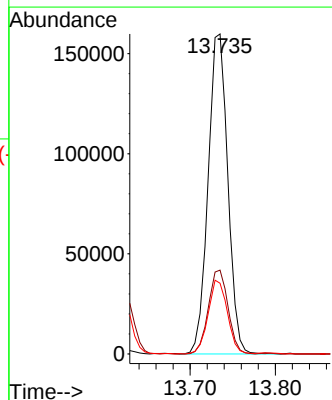
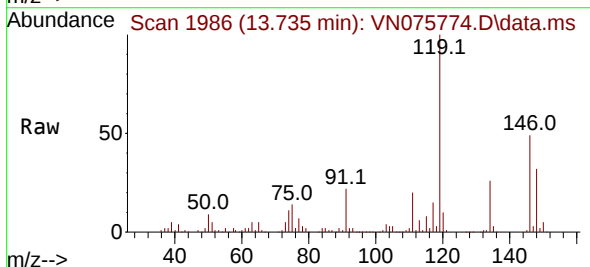
Manual Integrations
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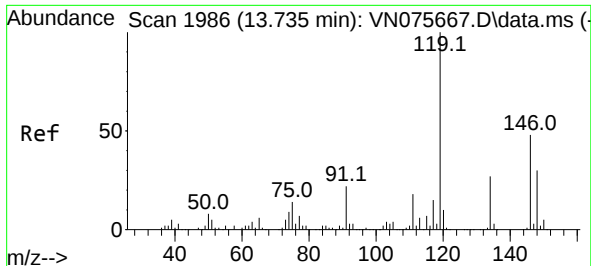
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#86
 p-Isopropyltoluene
 Concen: 19.700 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075774.D
 Acq: 14 Dec 2022 16:51

Tgt Ion:119 Resp: 256328
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 22.6 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 18.449 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN075774.D

Acq: 14 Dec 2022 16:51

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBS01

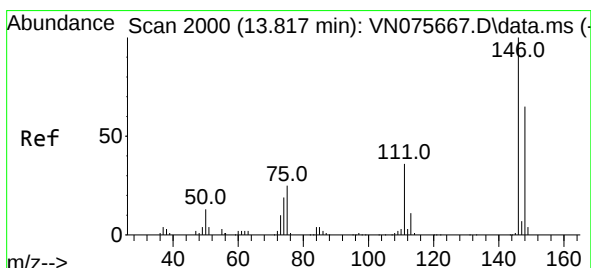
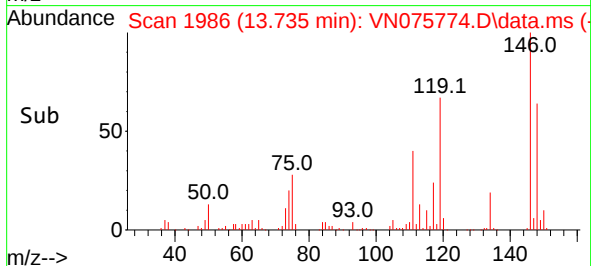
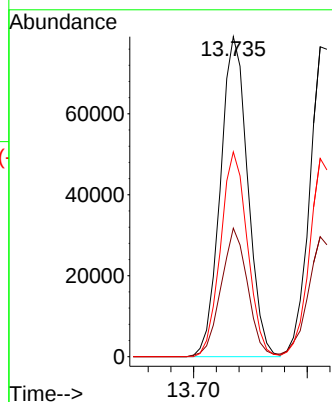
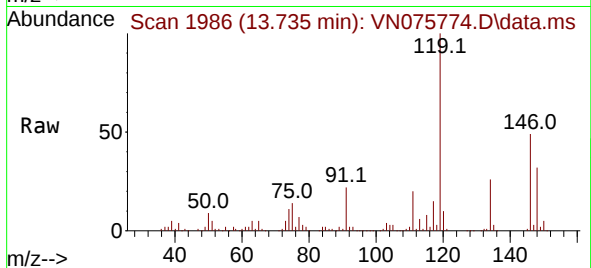
Tgt Ion:146 Resp: 132414
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.7 59.0
 148 62.8 31.4 94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#88

1,4-Dichlorobenzene

Concen: 17.903 ug/l

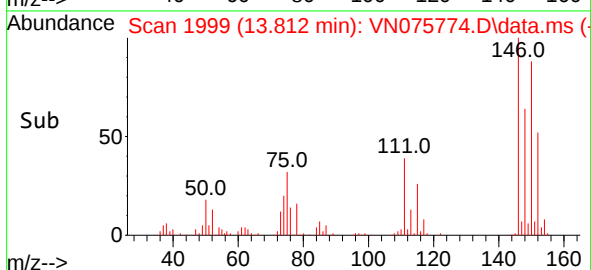
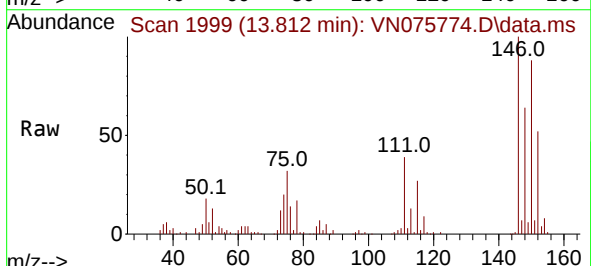
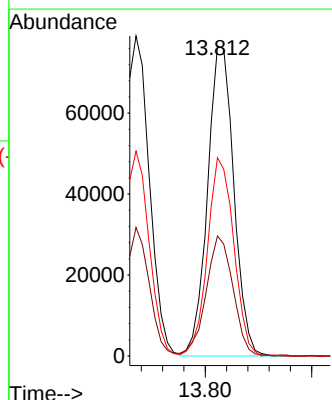
RT: 13.812 min Scan# 1999

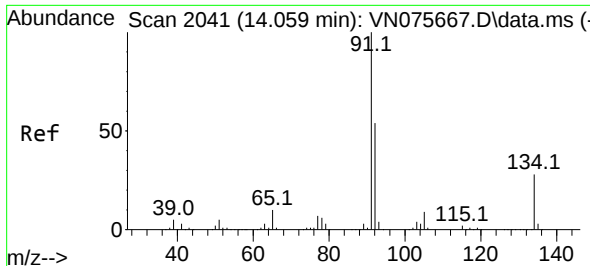
Delta R.T. -0.000 min

Lab File: VN075774.D

Acq: 14 Dec 2022 16:51

Tgt Ion:146 Resp: 131269
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.1 57.1
 148 63.3 32.0 96.2





#89

n-Butylbenzene

Concen: 18.738 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075774.D

Acq: 14 Dec 2022 16:51

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBS01

Tgt Ion: 91 Resp: 19752

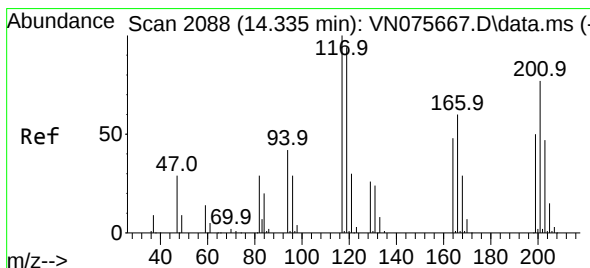
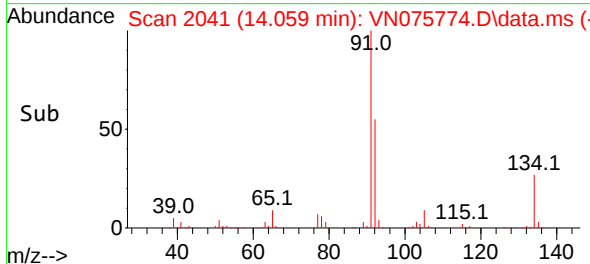
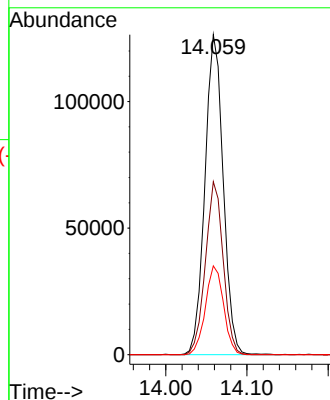
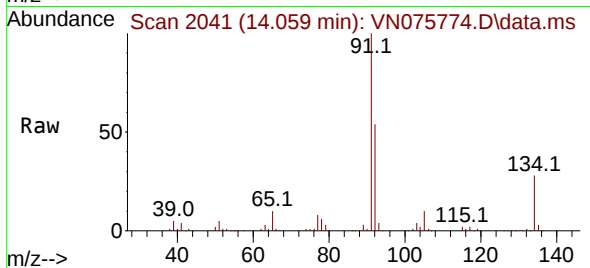
Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.4	79.2
134	27.6	13.4	40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#90

Hexachloroethane

Concen: 18.532 ug/l

RT: 14.335 min Scan# 2088

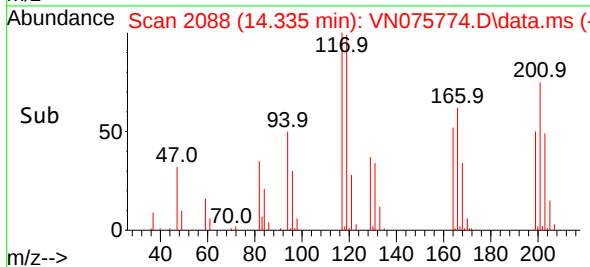
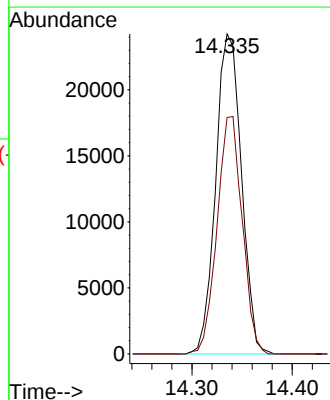
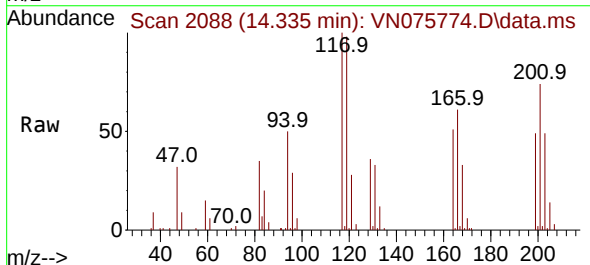
Delta R.T. -0.000 min

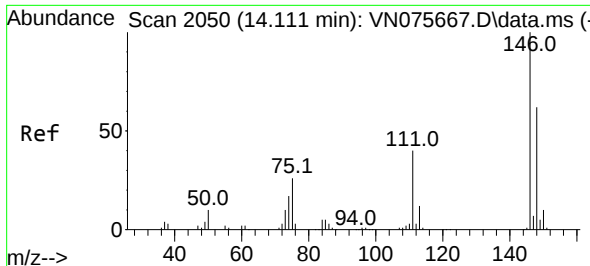
Lab File: VN075774.D

Acq: 14 Dec 2022 16:51

Tgt Ion:117 Resp: 43133

Ion	Ratio	Lower	Upper
117	100		
201	72.5	38.0	114.1





#91

1,2-Dichlorobenzene

Concen: 18.861 ug/l

RT: 14.106 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VN075774.D

Acq: 14 Dec 2022 16:51

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBS01

Tgt Ion:146 Resp: 13334

Ion Ratio Lower Upper

146 100

111 39.5 20.3 61.0

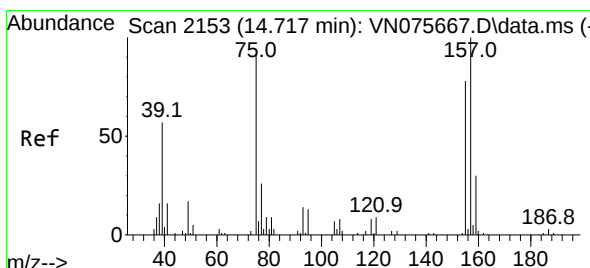
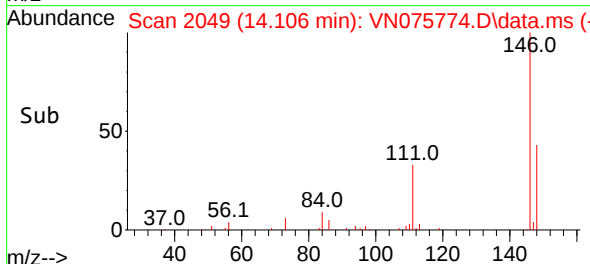
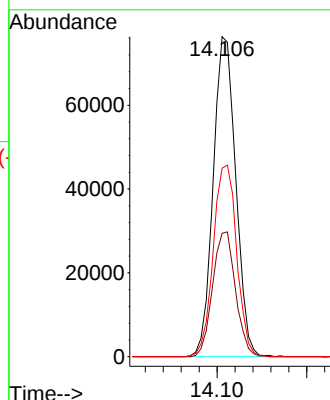
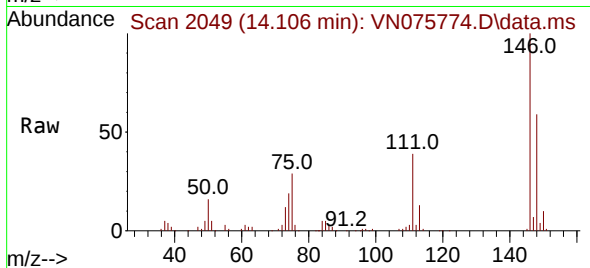
148 62.0 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.829 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. -0.000 min

Lab File: VN075774.D

Acq: 14 Dec 2022 16:51

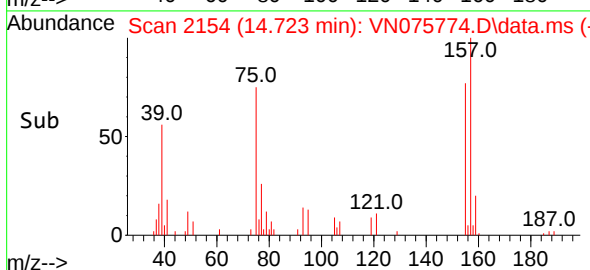
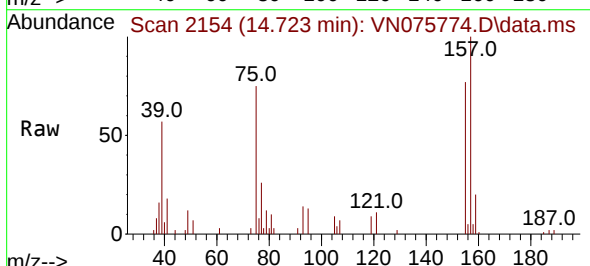
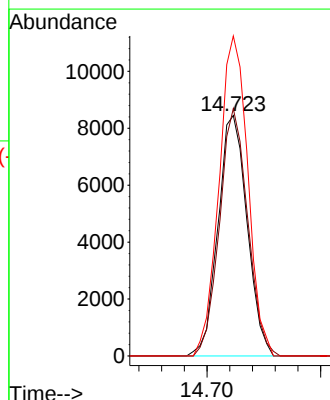
Tgt Ion: 75 Resp: 15016

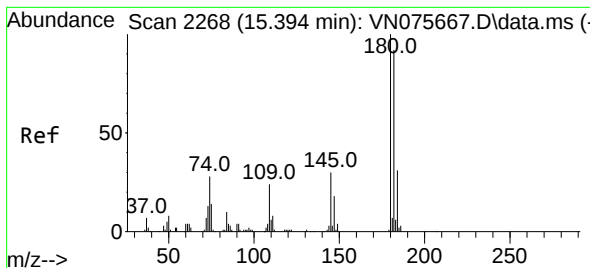
Ion Ratio Lower Upper

75 100

155 99.7 49.3 147.8

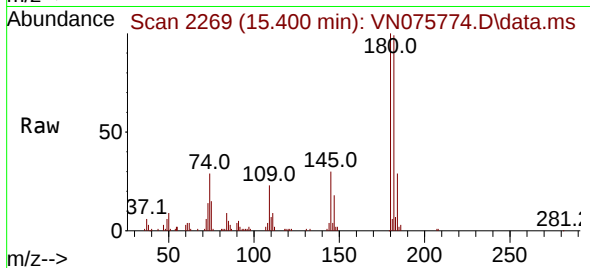
157 131.6 63.7 191.3





#93
1,2,4-Trichlorobenzene
Concen: 18.441 ug/l
RT: 15.400 min Scan# 2269
Delta R.T. 0.006 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

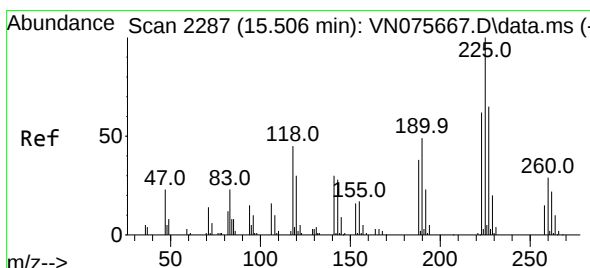
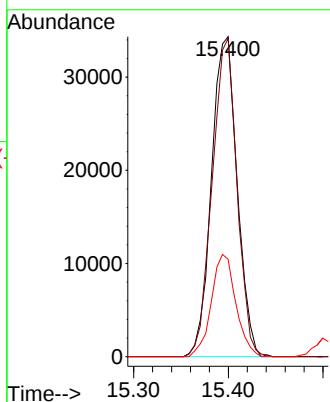
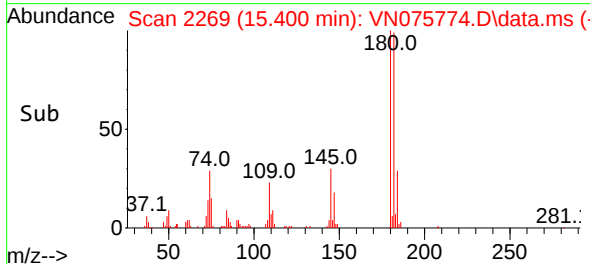
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



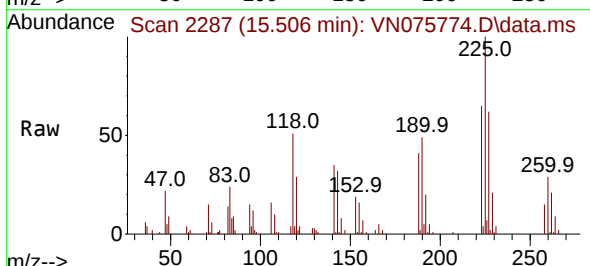
Tgt Ion:180 Resp: 64540
Ion Ratio Lower Upper
180 100
182 95.9 47.5 142.5
145 30.6 15.3 45.8

Manual Integrations
APPROVED

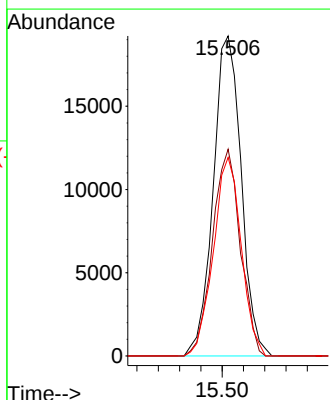
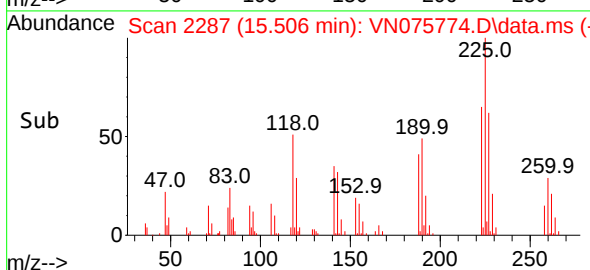
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

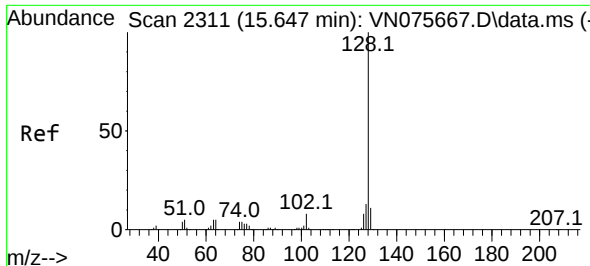


#94
Hexachlorobutadiene
Concen: 18.330 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51



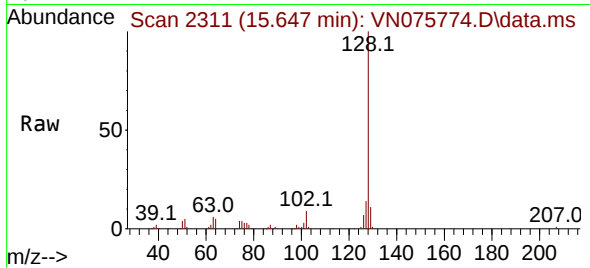
Tgt Ion:225 Resp: 35004
Ion Ratio Lower Upper
225 100
223 64.4 31.5 94.5
227 61.8 31.6 95.0





#95
Naphthalene
Concen: 18.116 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

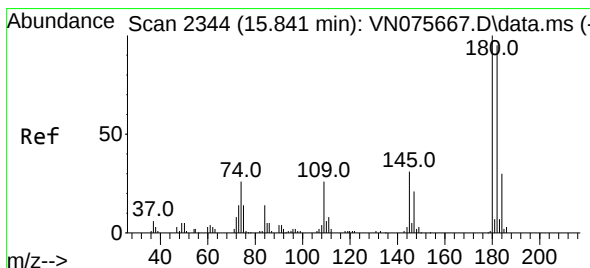
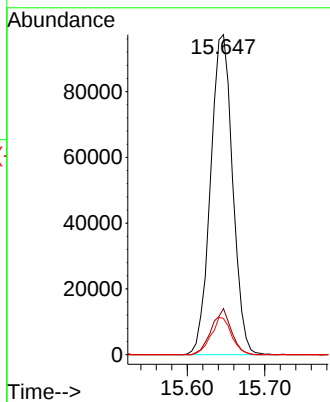
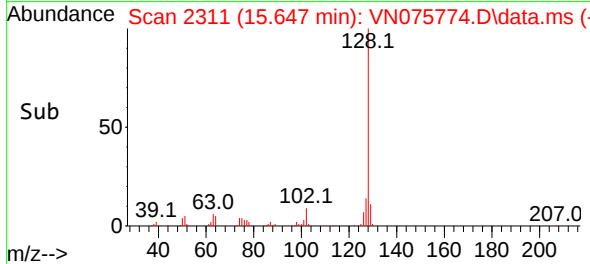
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS01



Tgt Ion:128 Resp: 192688
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.005 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN075774.D
Acq: 14 Dec 2022 16:51

Tgt Ion:180 Resp: 62171
Ion Ratio Lower Upper
180 100
182 94.6 47.0 141.0
145 33.8 16.0 47.9

