

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011123\
 Data File : VN076210.D
 Acq On : 11 Jan 2023 15:16
 Operator : JC\MD
 Sample : VN0111MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/12/2023
 Supervised By : Mahesh Dadoda 01/12/2023

Quant Time: Jan 12 00:37:00 2023
 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	346635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	561869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	501353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	234648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	175631	46.573	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.140%		
35) Dibromofluoromethane	8.171	113	157894	45.377	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.760%		
50) Toluene-d8	10.571	98	568195	43.675	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	87.340%		
62) 4-Bromofluorobenzene	12.853	95	197686	45.878	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.760%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	59053	23.993	ug/l	93
3) Chloromethane	2.377	50	59043	19.292	ug/l	97
4) Vinyl Chloride	2.524	62	70415	19.288	ug/l	94
5) Bromomethane	2.965	94	58265	18.779	ug/l	96
6) Chloroethane	3.130	64	51966	19.222	ug/l	97
7) Trichlorofluoromethane	3.507	101	104419	18.850	ug/l	91
8) Diethyl Ether	3.971	74	38793	19.173	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.389	101	61270	19.370	ug/l	96
10) Methyl Iodide	4.601	142	92899	18.096	ug/l	99
11) Tert butyl alcohol	5.536	59	49403	92.584	ug/l	97
12) 1,1-Dichloroethene	4.354	96	54882	17.864	ug/l	100
13) Acrolein	4.189	56	58945	90.105	ug/l	99
14) Allyl chloride	5.036	41	64982	18.094	ug/l	91
15) Acrylonitrile	5.730	53	135297	92.913	ug/l	99
16) Acetone	4.448	43	110918	85.324	ug/l	97
17) Carbon Disulfide	4.730	76	112543	15.130	ug/l	96
18) Methyl Acetate	5.042	43	77910	20.275	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	203991	20.163	ug/l	95
20) Methylene Chloride	5.283	84	66115	18.610	ug/l	99
21) trans-1,2-Dichloroethene	5.800	96	58969	17.527	ug/l	95
22) Diisopropyl ether	6.677	45	169663	19.447	ug/l	97
23) Vinyl Acetate	6.618	43	529970	90.252	ug/l	98
24) 1,1-Dichloroethane	6.577	63	106736	18.344	ug/l	99
25) 2-Butanone	7.489	43	168056	92.329	ug/l	97
26) 2,2-Dichloropropane	7.494	77	85987	17.451	ug/l	95
27) cis-1,2-Dichloroethene	7.494	96	73720	18.320	ug/l	98
28) Bromochloromethane	7.818	49	49314	19.337	ug/l	100
29) Tetrahydrofuran	7.847	42	110974	97.289	ug/l	98
30) Chloroform	7.971	83	120041	18.324	ug/l	98
31) Cyclohexane	8.265	56	96990	17.958	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	105417	18.151	ug/l	97
36) 1,1-Dichloropropene	8.377	75	81780	17.693	ug/l	99
37) Ethyl Acetate	7.565	43	71999	19.392	ug/l	97
38) Carbon Tetrachloride	8.365	117	92131	17.809	ug/l	97
39) Methylcyclohexane	9.606	83	102476	18.377	ug/l	95
40) Benzene	8.612	78	258343	18.115	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	36944	19.143	ug/l	97
42) 1,2-Dichloroethane	8.677	62	87177	18.387	ug/l	99
43) Isopropyl Acetate	8.694	43	126584	20.668	ug/l	98
44) Trichloroethene	9.359	130	70463	17.538	ug/l	98
45) 1,2-Dichloropropane	9.624	63	63455	18.285	ug/l	97
46) Dibromomethane	9.712	93	47148	18.317	ug/l	98
47) Bromodichloromethane	9.888	83	90366	17.902	ug/l	98
48) Methyl methacrylate	9.683	41	55255	20.031	ug/l	98
49) 1,4-Dioxane	9.694	88	23312	343.760	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	362409	97.846	ug/l	97
52) Toluene	10.635	92	171158	18.428	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	88704	17.952	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	102442	18.883	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	68076	18.674	ug/l	94
56) Ethyl methacrylate	10.877	69	92836	19.172	ug/l	97
57) 1,3-Dichloropropane	11.165	76	111933	18.718	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	137585	89.242	ug/l	100
59) 2-Hexanone	11.200	43	257270	95.246	ug/l	98
60) Dibromochloromethane	11.359	129	71014	17.516	ug/l	96
61) 1,2-Dibromoethane	11.471	107	68189	18.483	ug/l	100
64) Tetrachloroethene	11.106	164	74609	21.148	ug/l	98
65) Chlorobenzene	11.894	112	182665	17.751	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	67494	17.708	ug/l	97
67) Ethyl Benzene	11.965	91	317031	18.255	ug/l	96
68) m/p-Xylenes	12.071	106	253185	36.833	ug/l	100
69) o-Xylene	12.400	106	125929	18.512	ug/l	98
70) Styrene	12.412	104	199961	18.488	ug/l	99
71) Bromoform	12.582	173	49699	17.920	ug/l #	98
73) Isopropylbenzene	12.700	105	325722	19.209	ug/l	100
74) N-amyl acetate	12.494	43	98293	19.759	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	94074	17.946	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	71017m	15.014	ug/l	
77) Bromobenzene	12.982	156	77423	18.042	ug/l	98
78) n-propylbenzene	13.035	91	357092	19.094	ug/l	99
79) 2-Chlorotoluene	13.129	91	216637	18.556	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	273330	19.260	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	23029	17.525	ug/l	93
82) 4-Chlorotoluene	13.129	91	216637	18.556	ug/l	99
83) tert-Butylbenzene	13.441	119	247721	19.798	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	275796	19.589	ug/l	97
85) sec-Butylbenzene	13.618	105	333466	19.308	ug/l	99
86) p-Isopropyltoluene	13.729	119	280637	19.529	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	144226	18.194	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	141205	17.437	ug/l	99
89) n-Butylbenzene	14.059	91	212979	18.294	ug/l	99
90) Hexachloroethane	14.335	117	45106	17.547	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	143710	18.405	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15418	16.576	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	65089	16.838	ug/l	98
94) Hexachlorobutadiene	15.506	225	35930	17.036	ug/l	98
95) Naphthalene	15.641	128	213743	18.186	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	65726	18.192	ug/l	97

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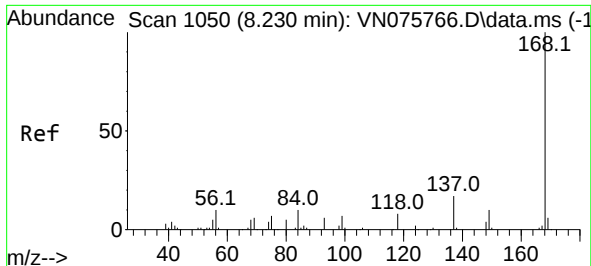
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 01/12/2023

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Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

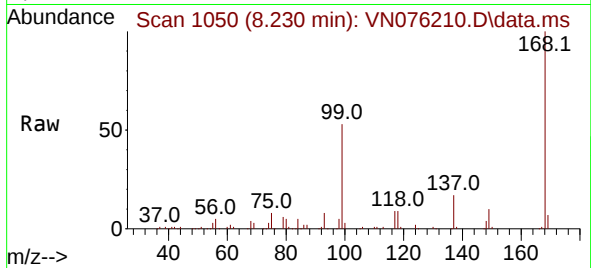
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

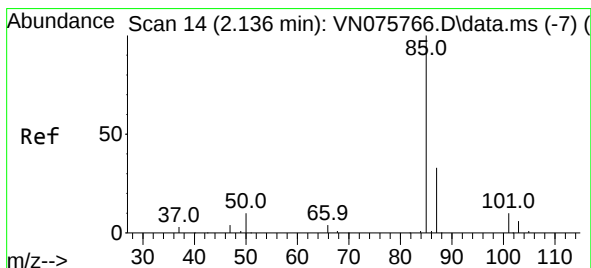
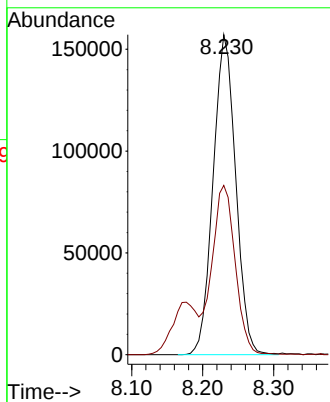
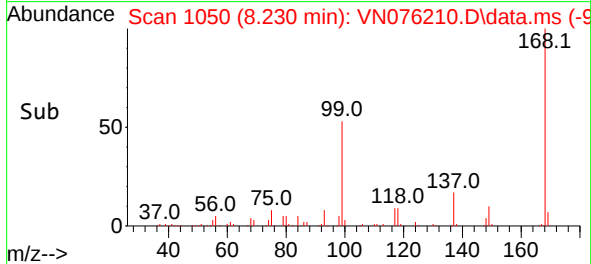
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



Tgt Ion:168 Resp: 34663
Ion Ratio Lower Upper
168 100
99 52.7 44.2 66.4

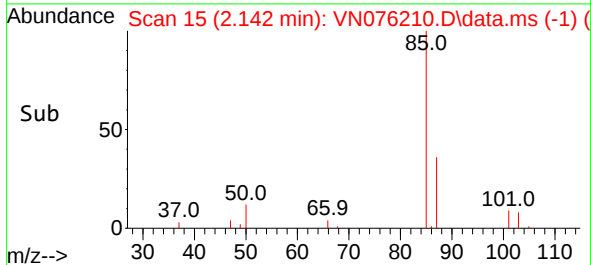
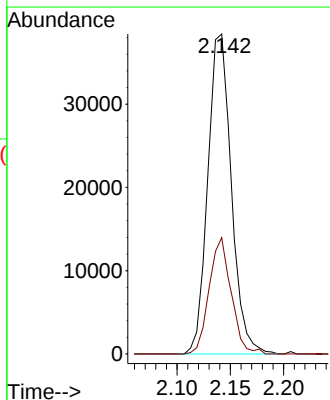
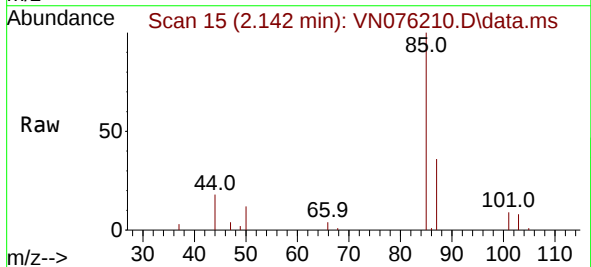
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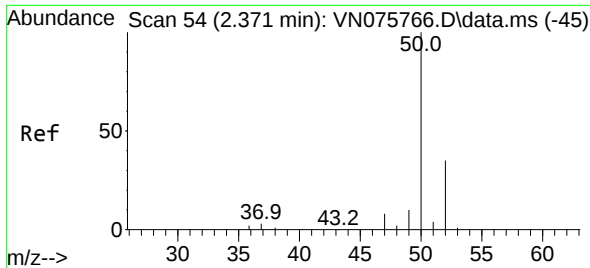
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#2
Dichlorodifluoromethane
Concen: 23.993 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Tgt Ion: 85 Resp: 59053
Ion Ratio Lower Upper
85 100
87 36.3 16.3 48.9





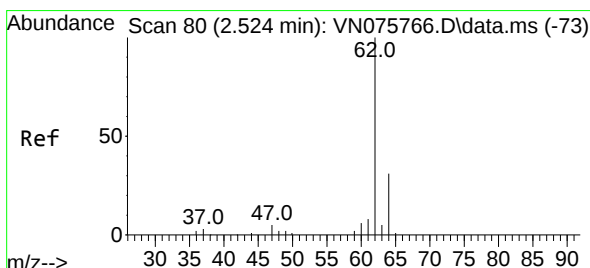
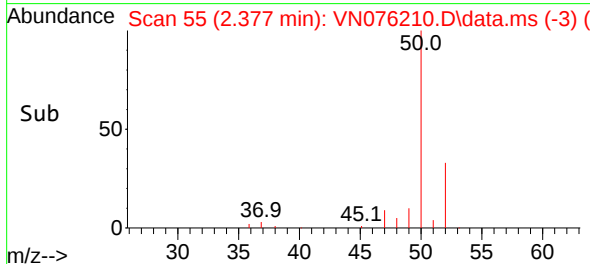
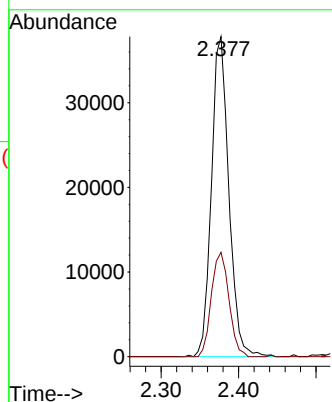
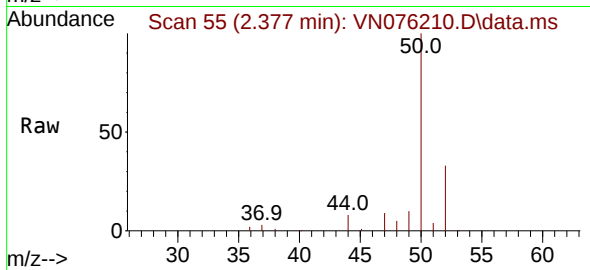
#3
Chloromethane
Concen: 19.292 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Instrument :
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Tgt Ion: 50 Resp: 5904
Ion Ratio Lower Upper
50 100
52 32.6 27.7 41.5

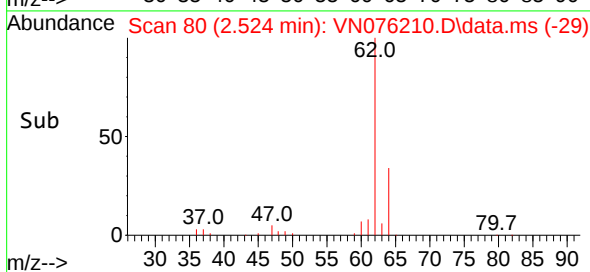
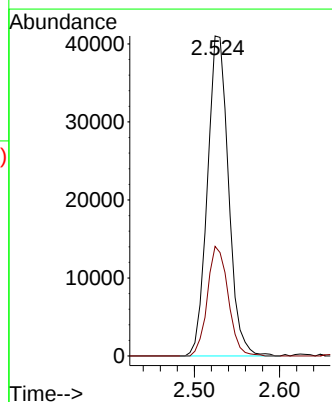
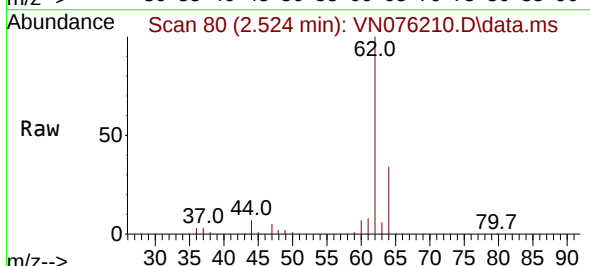
Manual Integrations
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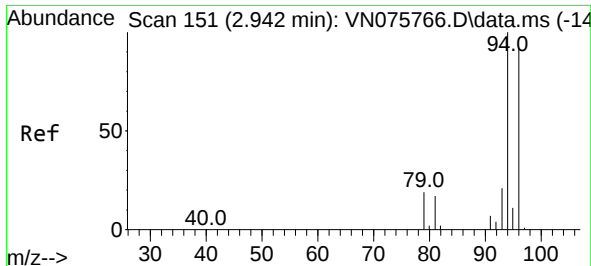
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#4
Vinyl Chloride
Concen: 19.288 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Tgt Ion: 62 Resp: 70415
Ion Ratio Lower Upper
62 100
64 34.2 24.9 37.3





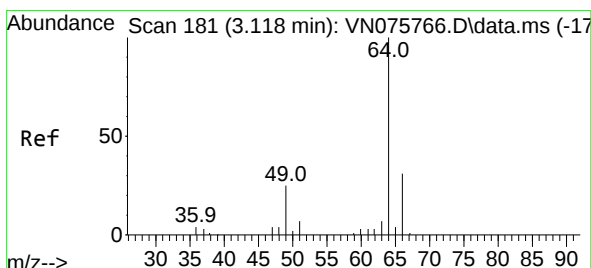
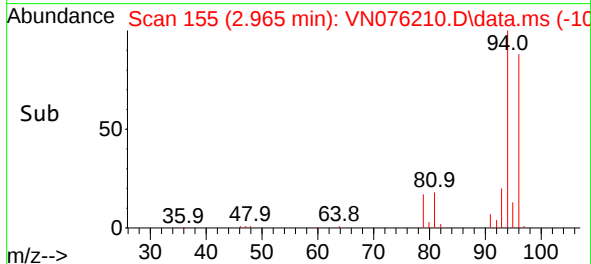
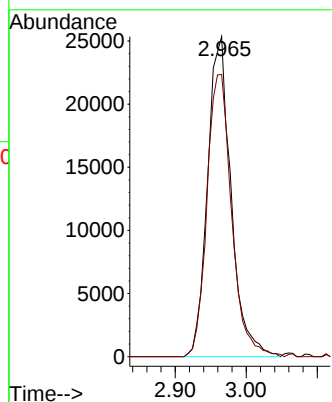
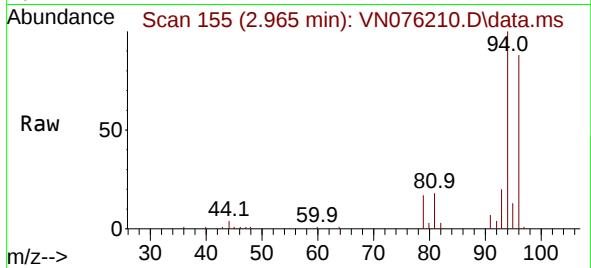
#5
Bromomethane
Concen: 18.779 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Instrument :
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Tgt Ion: 94 Resp: 5826
Ion Ratio Lower Upper
94 100
96 88.2 73.8 110.6

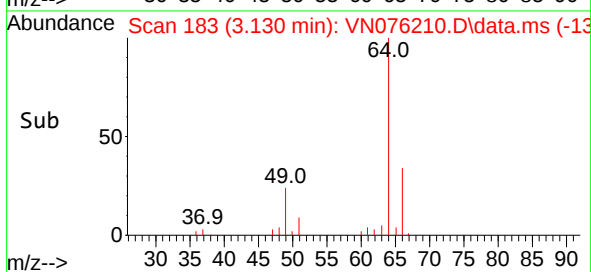
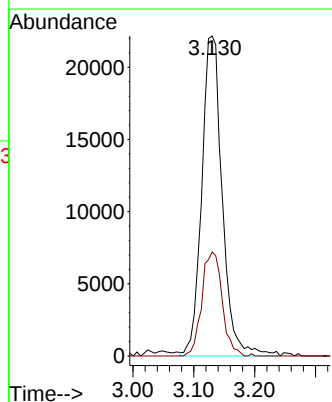
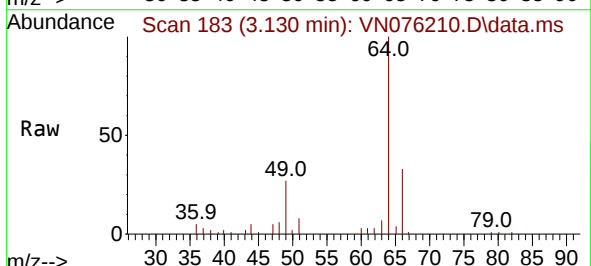
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#6
Chloroethane
Concen: 19.222 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

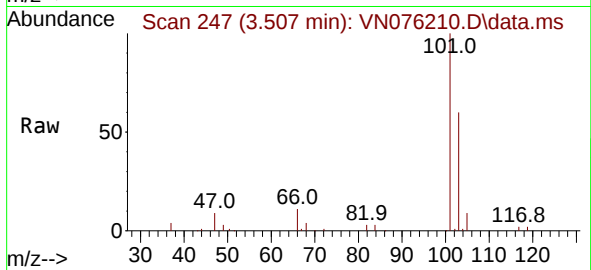
Tgt Ion: 64 Resp: 51966
Ion Ratio Lower Upper
64 100
66 32.5 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 18.850 ug/l
 RT: 3.507 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN076210.D
 Acq: 11 Jan 2023 15:16

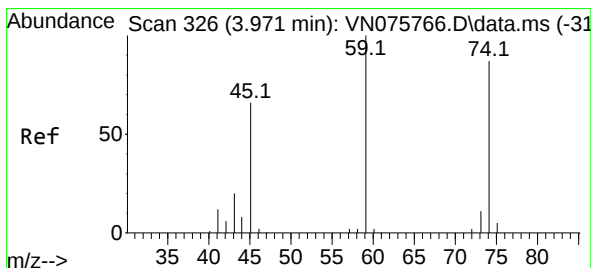
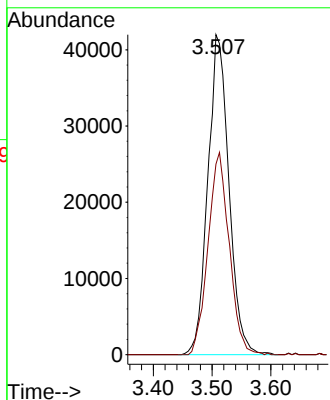
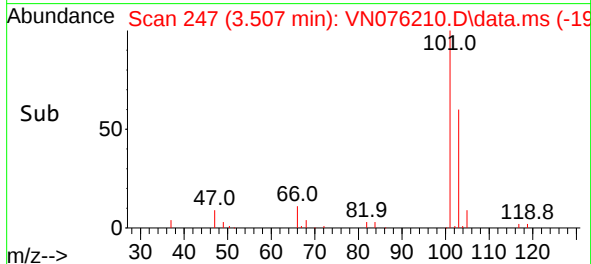
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 ClientSampleId :
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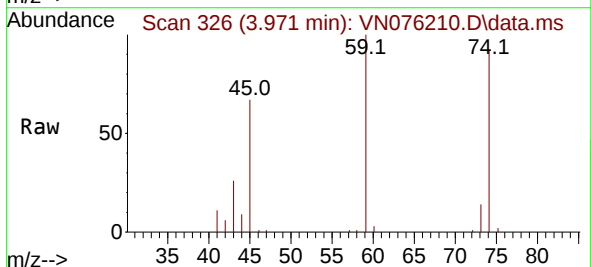
Tgt Ion:101 Resp: 104419
 Ion Ratio Lower Upper
 101 100
 103 59.5 53.4 80.2

Manual Integrations
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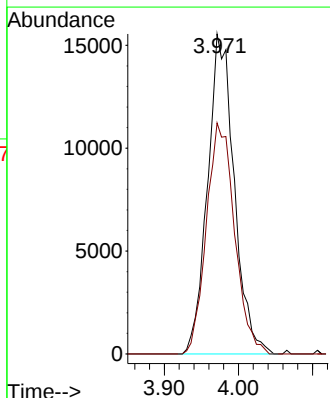
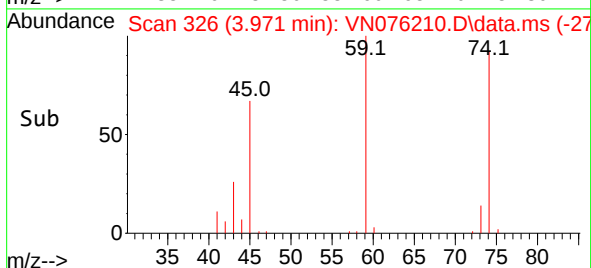
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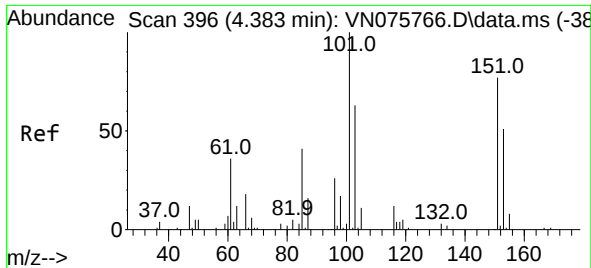


#8
 Diethyl Ether
 Concen: 19.173 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.000 min
 Lab File: VN076210.D
 Acq: 11 Jan 2023 15:16



Tgt Ion: 74 Resp: 38793
 Ion Ratio Lower Upper
 74 100
 45 76.4 37.8 113.4





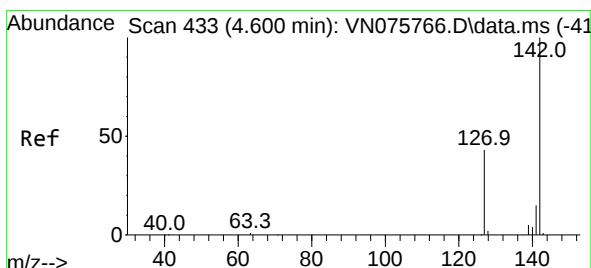
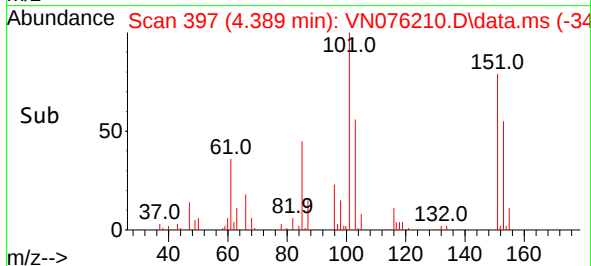
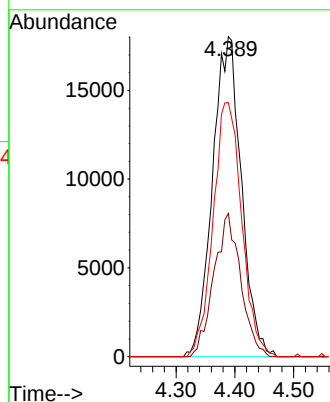
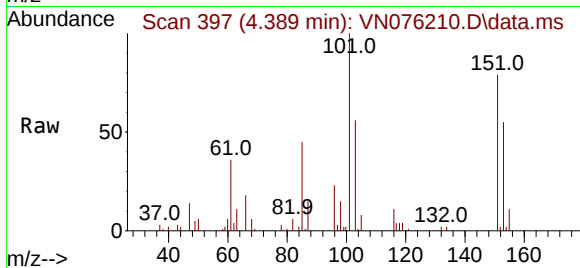
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.370 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01

Tgt Ion:101 Resp: 61270
Ion Ratio Lower Upper
101 100
85 41.7 35.3 52.9
151 78.8 65.6 98.4

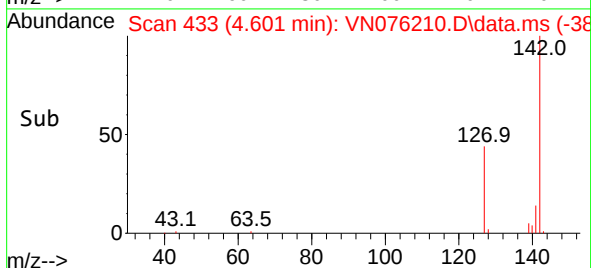
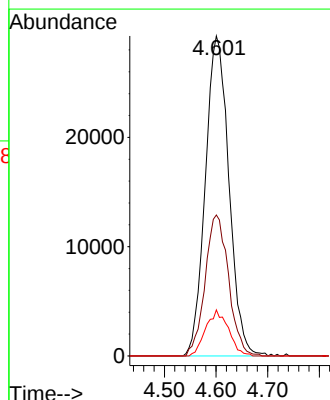
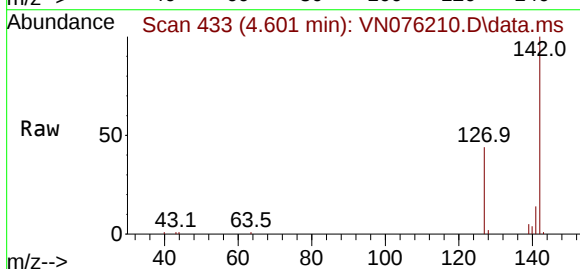
Manual Integrations
APPROVED

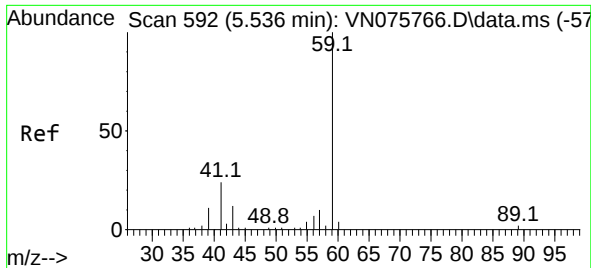
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#10
Methyl Iodide
Concen: 18.096 ug/l
RT: 4.601 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Tgt Ion:142 Resp: 92899
Ion Ratio Lower Upper
142 100
127 43.8 34.7 52.1
141 13.8 11.4 17.2





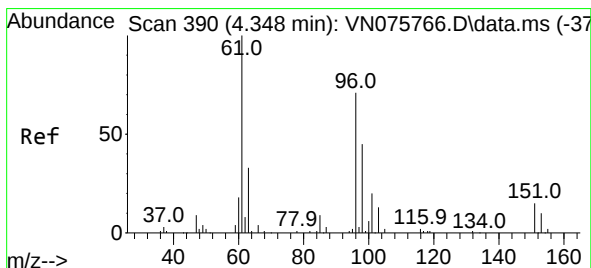
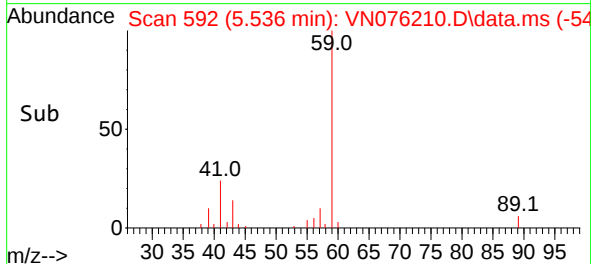
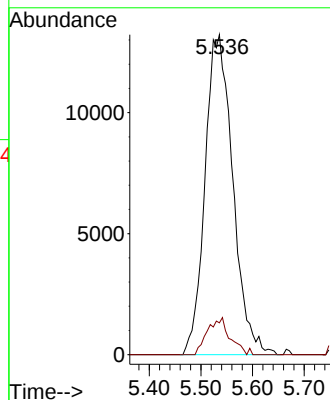
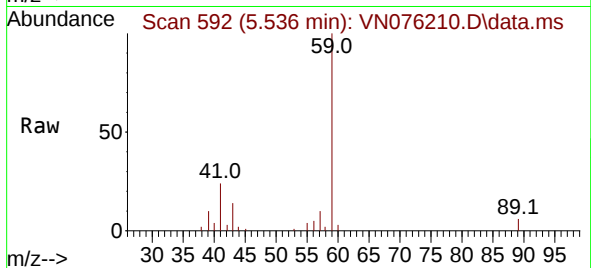
#11
Tert butyl alcohol
Concen: 92.584 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01

Tgt Ion: 59 Resp: 4940
Ion Ratio Lower Upper
59 100
57 9.2 8.2 12.4

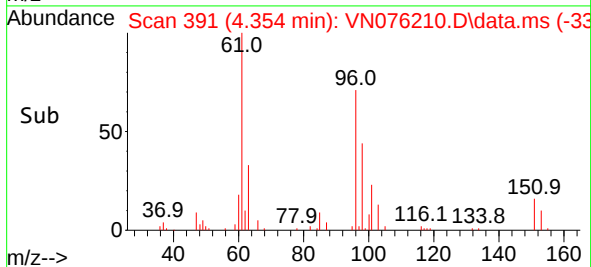
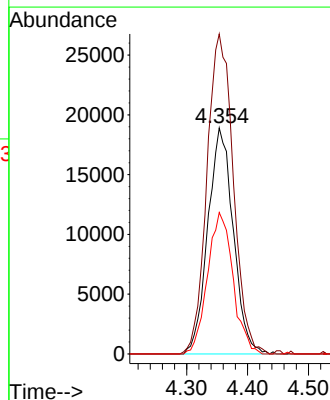
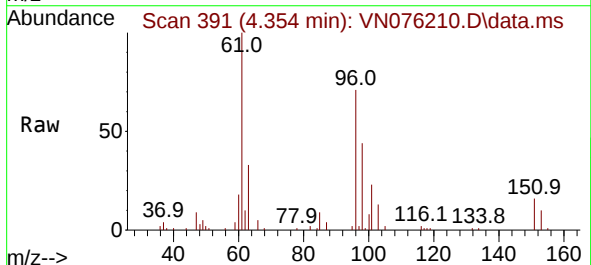
Manual Integrations
APPROVED

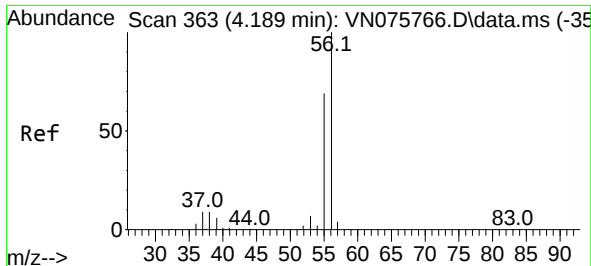
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#12
1,1-Dichloroethene
Concen: 17.864 ug/l
RT: 4.354 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

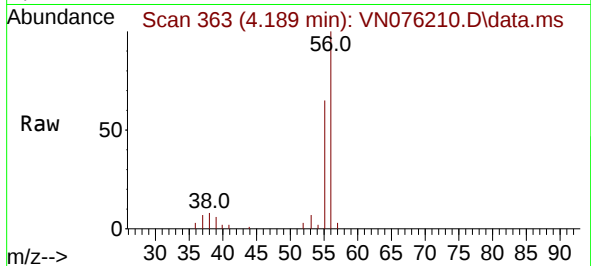
Tgt Ion: 96 Resp: 54882
Ion Ratio Lower Upper
96 100
61 141.5 113.3 169.9
98 62.6 50.9 76.3





#13
Acrolein
Concen: 90.105 ug/l
RT: 4.189 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

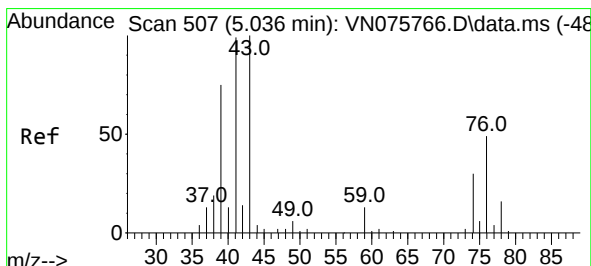
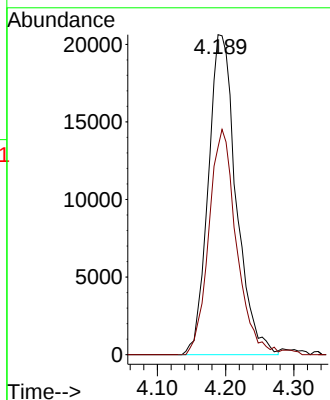
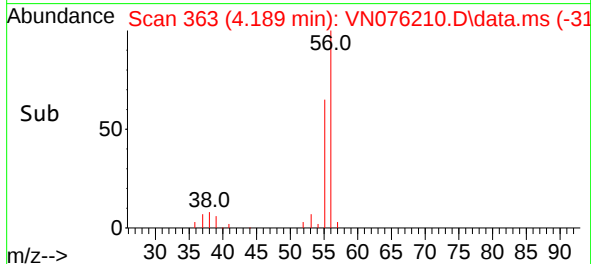
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



Tgt Ion: 56 Resp: 5894
Ion Ratio Lower Upper
56 100
55 69.5 54.8 82.2

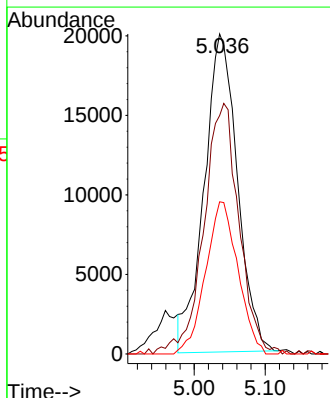
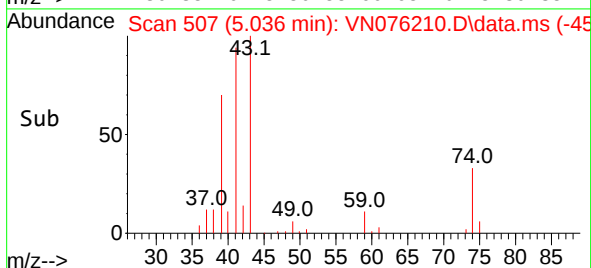
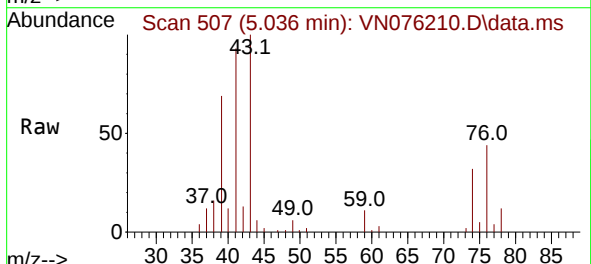
Manual Integrations
APPROVED

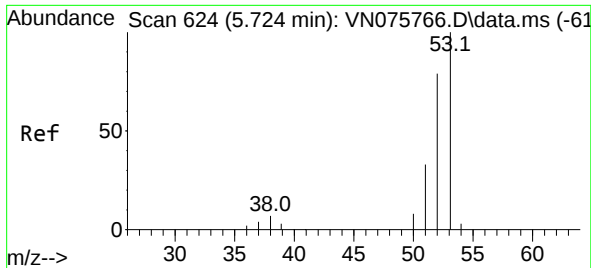
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#14
Allyl chloride
Concen: 18.094 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

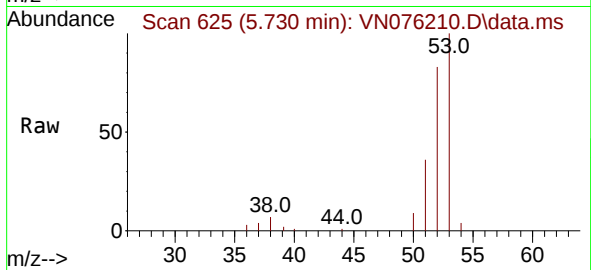
Tgt Ion: 41 Resp: 64982
Ion Ratio Lower Upper
41 100
39 83.4 58.3 87.5
76 46.6 35.8 53.6





#15
Acrylonitrile
Concen: 92.913 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

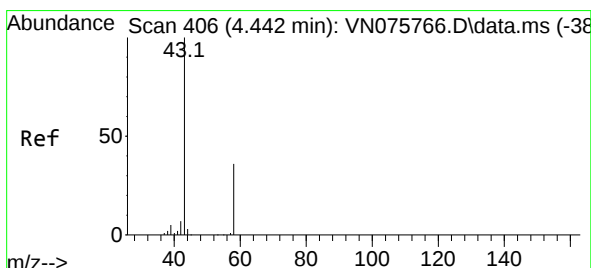
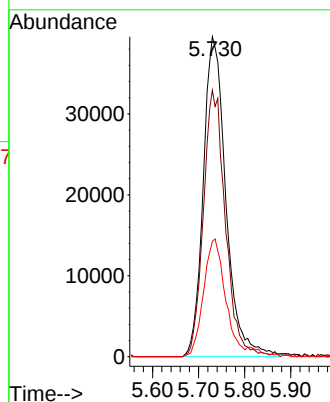
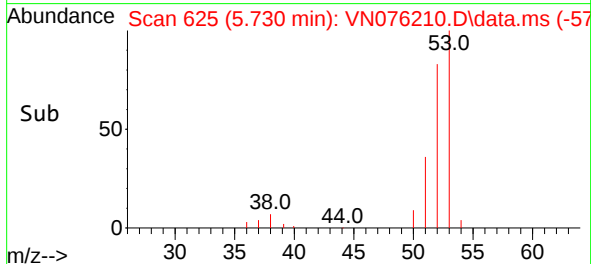
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



Tgt Ion: 53 Resp: 13529
Ion Ratio Lower Upper
53 100
52 80.8 65.4 98.0
51 35.2 28.9 43.3

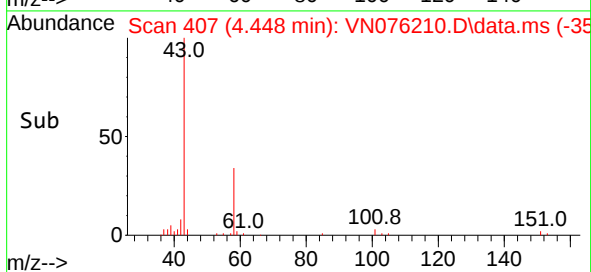
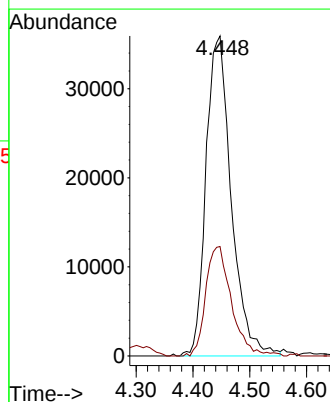
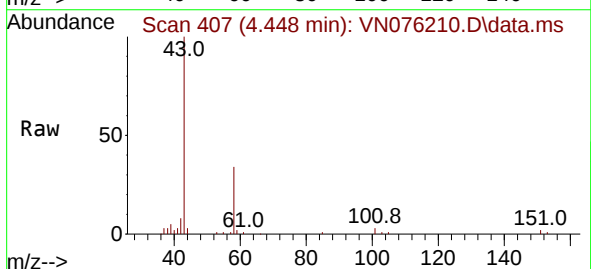
Manual Integrations
APPROVED

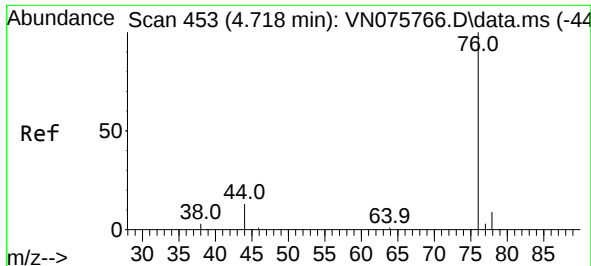
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#16
Acetone
Concen: 85.324 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Tgt Ion: 43 Resp: 110918
Ion Ratio Lower Upper
43 100
58 34.2 28.6 43.0





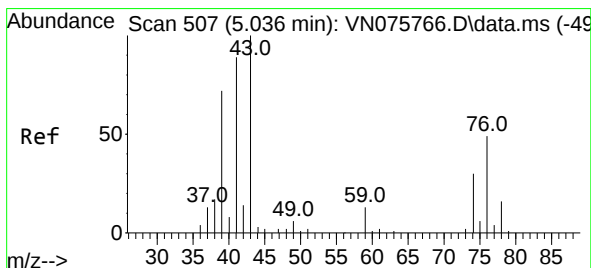
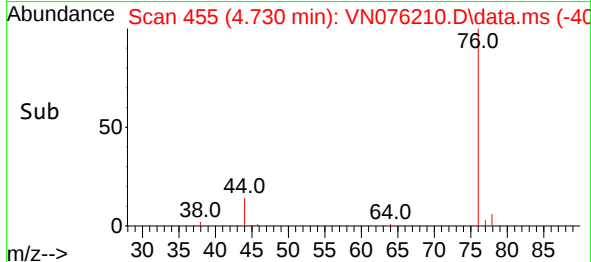
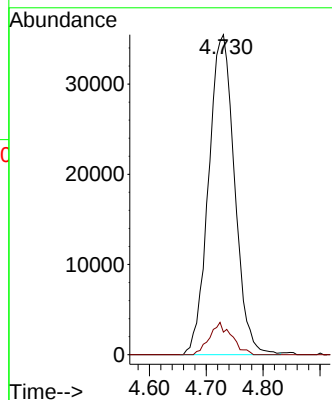
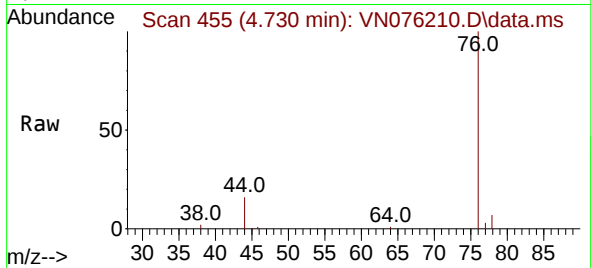
#17
Carbon Disulfide
Concen: 15.130 ug/l
RT: 4.730 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01

Tgt Ion: 76 Resp: 11254
Ion Ratio Lower Upper
76 100
78 7.1 6.8 10.2

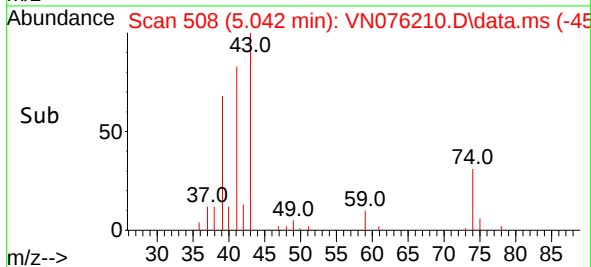
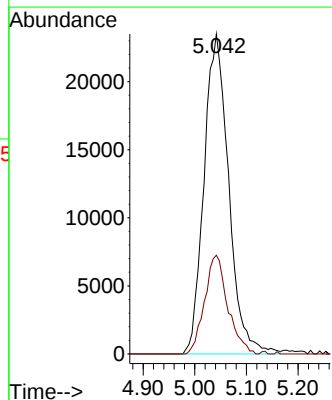
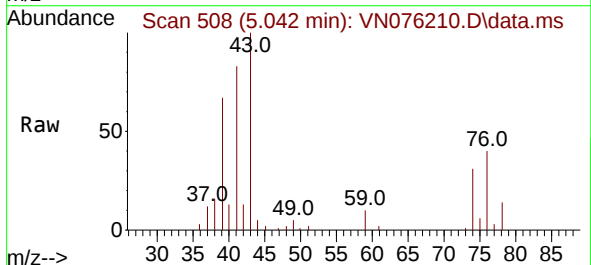
Manual Integrations
APPROVED

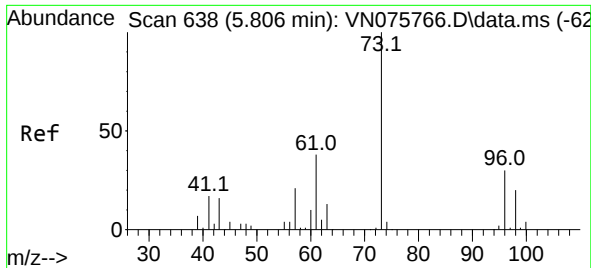
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#18
Methyl Acetate
Concen: 20.275 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Tgt Ion: 43 Resp: 77910
Ion Ratio Lower Upper
43 100
74 29.0 23.6 35.4





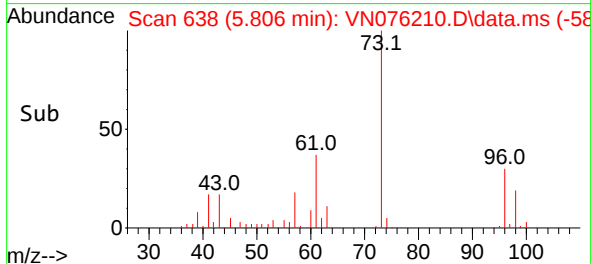
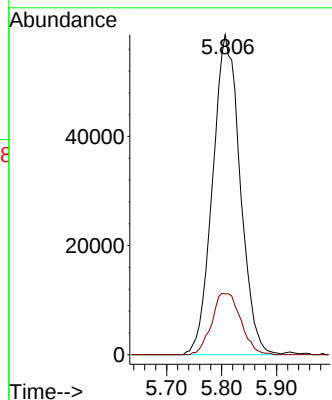
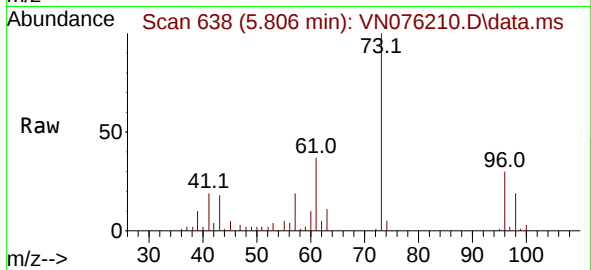
#19
Methyl tert-butyl Ether
Concen: 20.163 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01

Tgt Ion: 73 Resp: 20399
Ion Ratio Lower Upper
73 100
57 19.0 17.1 25.7

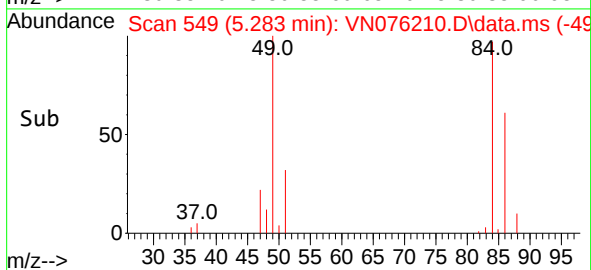
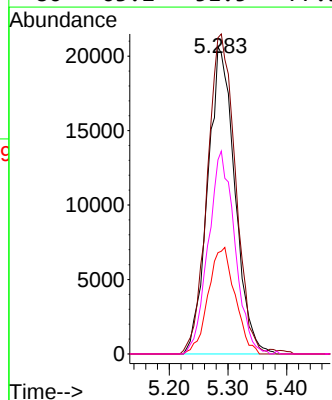
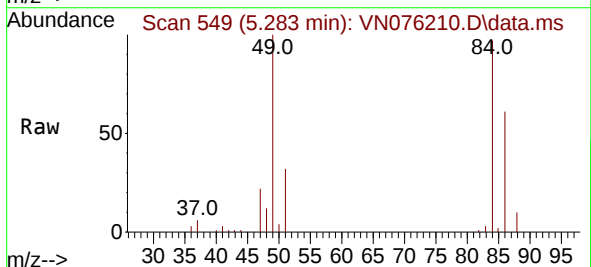
Manual Integrations
APPROVED

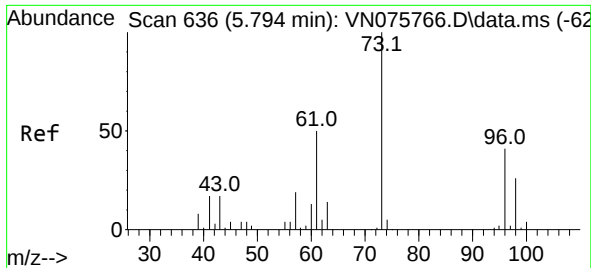
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#20
Methylene Chloride
Concen: 18.610 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Tgt Ion: 84 Resp: 66115
Ion Ratio Lower Upper
84 100
49 102.9 81.8 122.6
51 33.0 26.7 40.1
86 63.2 51.5 77.3





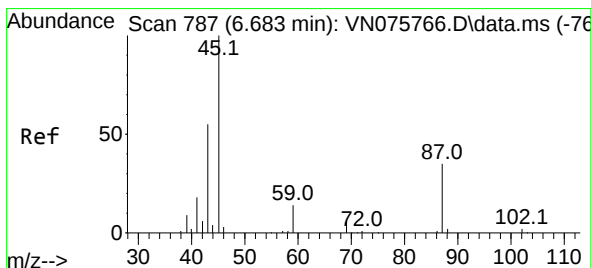
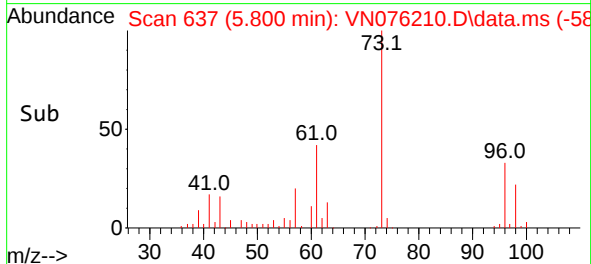
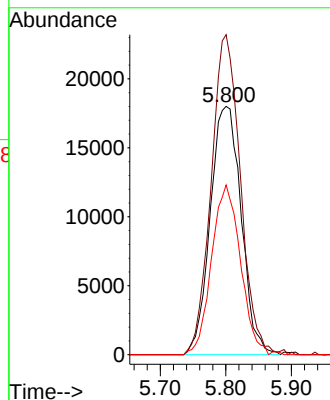
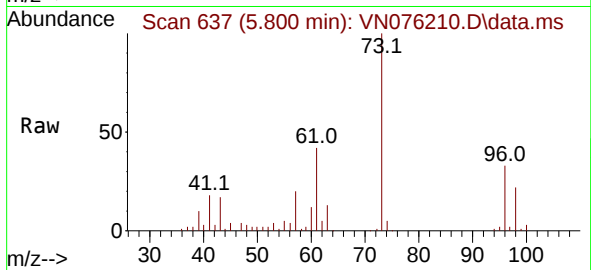
#21
trans-1,2-Dichloroethene
Concen: 17.527 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01

Tgt Ion: 96 Resp: 5896
Ion Ratio Lower Upper
96 100
61 128.9 98.1 147.1
98 68.4 51.4 77.2

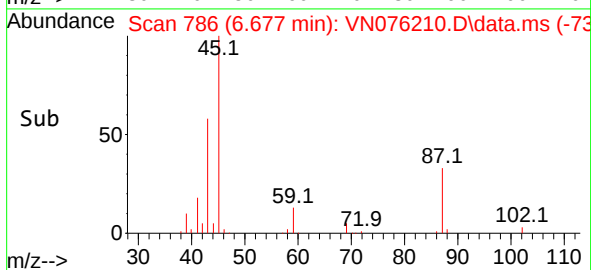
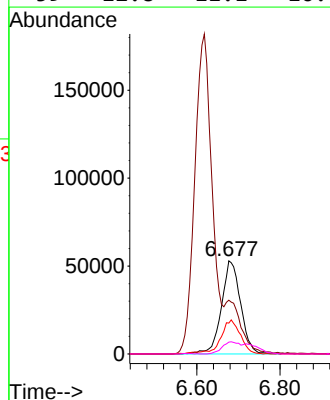
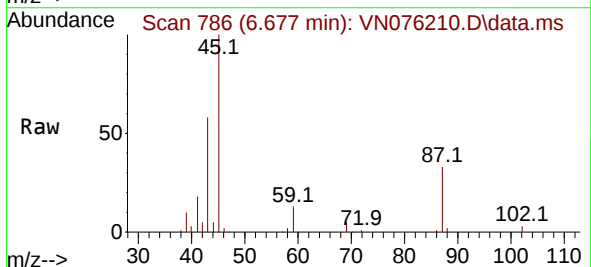
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#22
Diisopropyl ether
Concen: 19.447 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Tgt Ion: 45 Resp: 169663
Ion Ratio Lower Upper
45 100
43 56.8 44.2 66.4
87 33.2 28.3 42.5
59 12.8 11.1 16.7





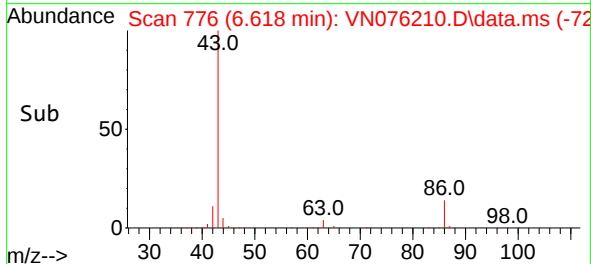
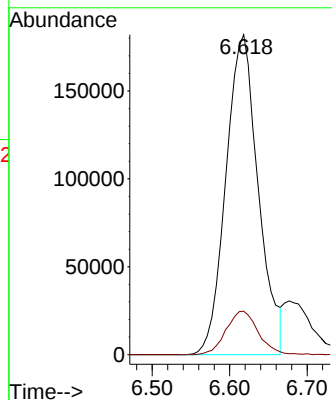
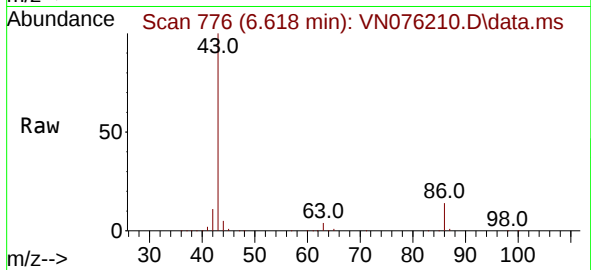
#23
 Vinyl Acetate
 Concen: 90.252 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN076210.D
 Acq: 11 Jan 2023 15:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111MBSD01

Tgt Ion: 43 Resp: 529970
 Ion Ratio Lower Upper
 43 100
 86 13.6 11.4 17.2

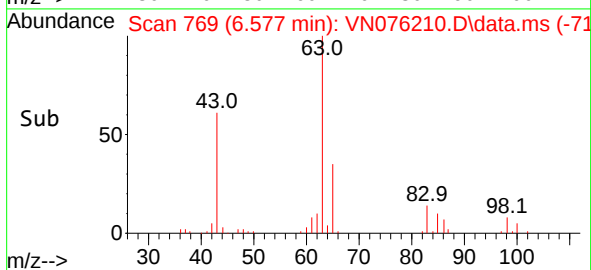
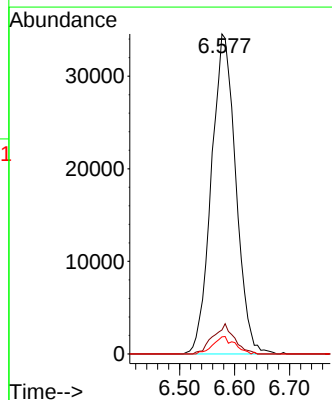
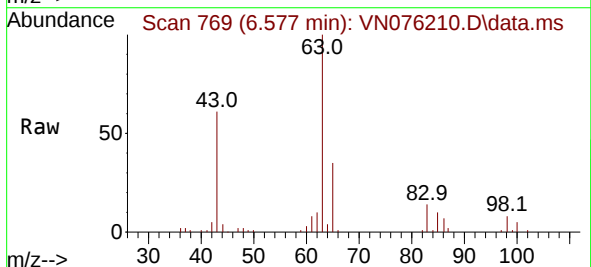
Manual Integrations
 APPROVED

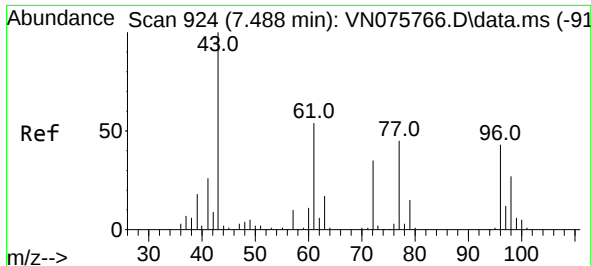
Reviewed By :John Carlone 01/12/2023
 Supervised By :Mahesh Dadoda 01/12/2023



#24
 1,1-Dichloroethane
 Concen: 18.344 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN076210.D
 Acq: 11 Jan 2023 15:16

Tgt Ion: 63 Resp: 106736
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.5
 100 5.3 2.5 7.6





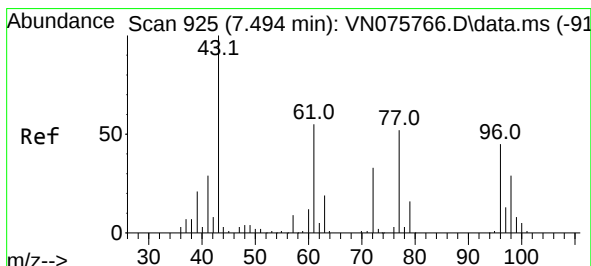
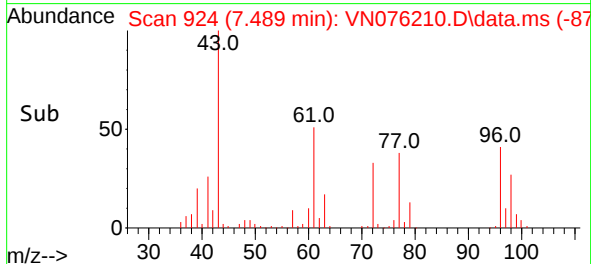
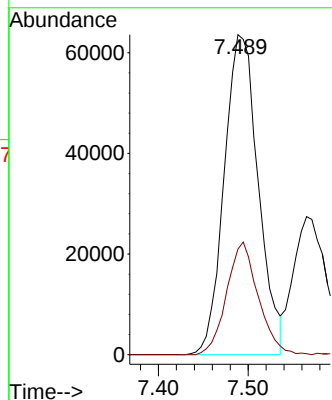
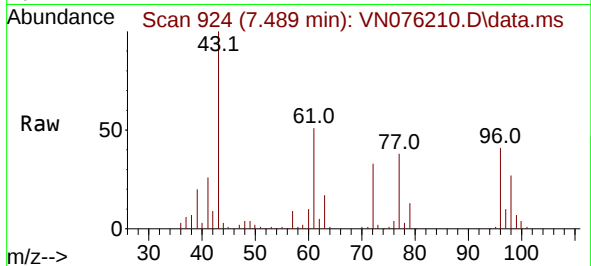
#25
2-Butanone
Concen: 92.329 ug/l
RT: 7.489 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01

Tgt Ion: 43 Resp: 168056
Ion Ratio Lower Upper
43 100
72 33.0 28.0 42.0

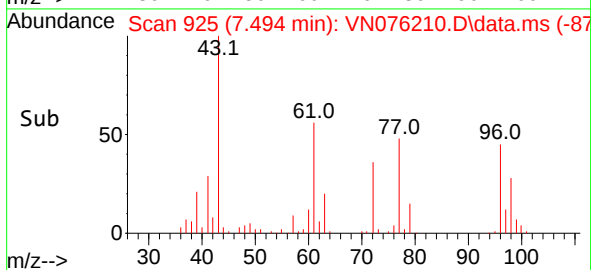
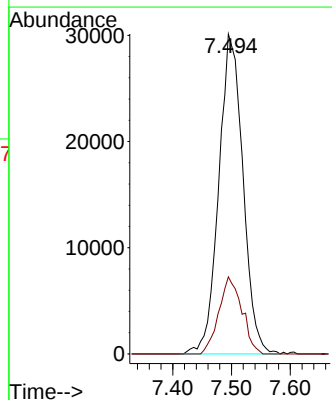
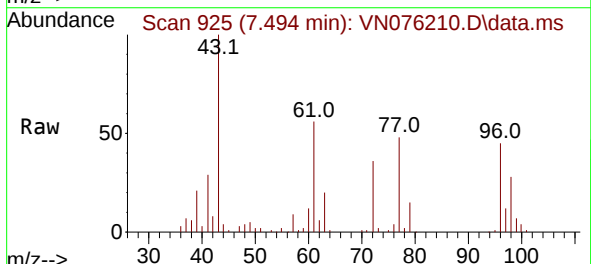
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#26
2,2-Dichloropropane
Concen: 17.451 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Tgt Ion: 77 Resp: 85987
Ion Ratio Lower Upper
77 100
97 23.0 12.7 38.0





#27

cis-1,2-Dichloroethene

Concen: 18.320 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076210.D

Acq: 11 Jan 2023 15:16

Instrument :

MSVOA_N

ClientSampleId :

VN0111MBSD01

Tgt Ion: 96 Resp: 73720

Ion Ratio Lower Upper

96 100

61 126.7 0.0 247.8

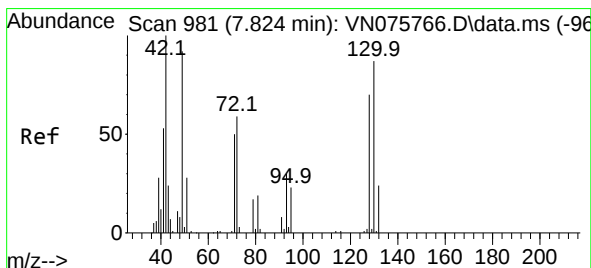
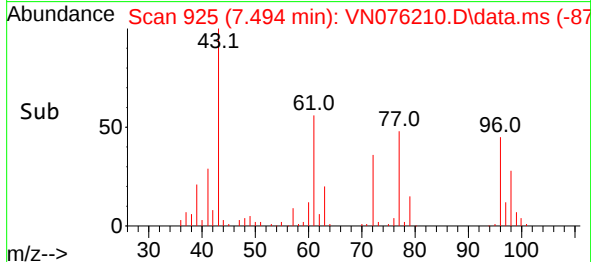
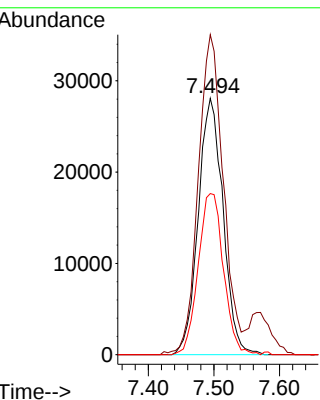
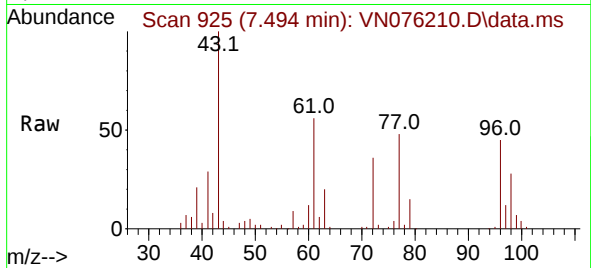
98 64.0 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#28

Bromochloromethane

Concen: 19.337 ug/l

RT: 7.818 min Scan# 980

Delta R.T. -0.006 min

Lab File: VN076210.D

Acq: 11 Jan 2023 15:16

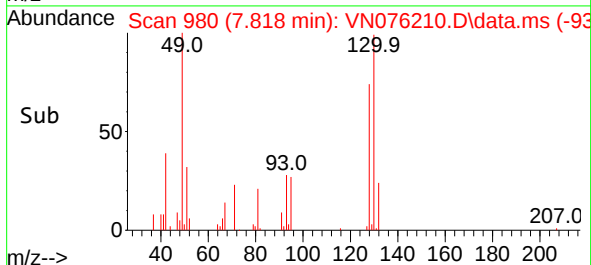
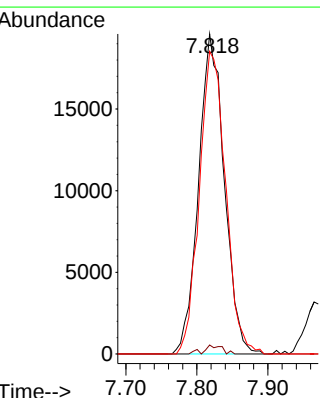
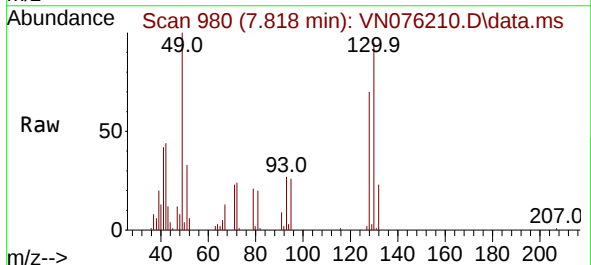
Tgt Ion: 49 Resp: 49314

Ion Ratio Lower Upper

49 100

129 1.6 0.0 5.0

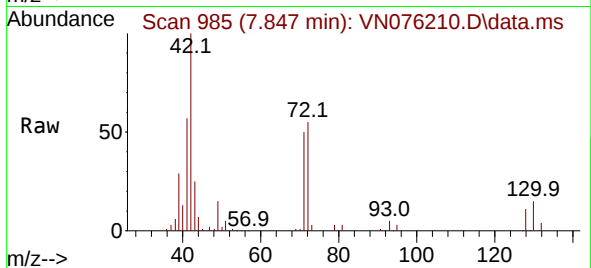
130 96.5 77.0 115.4





#29
Tetrahydrofuran
Concen: 97.289 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.006 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

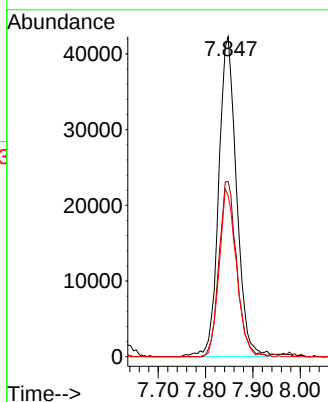
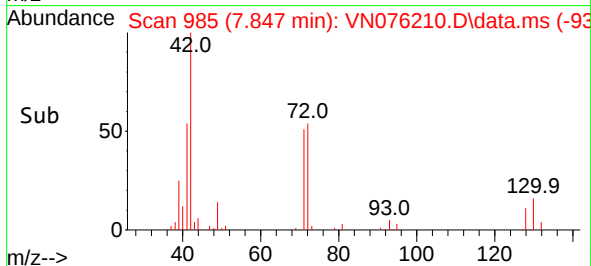
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



Tgt Ion: 42 Resp: 110974
Ion Ratio Lower Upper
42 100
72 54.1 44.5 66.7
71 50.5 41.0 61.6

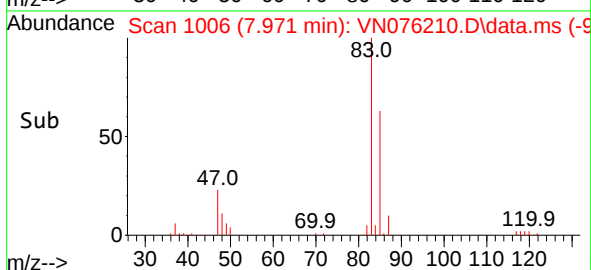
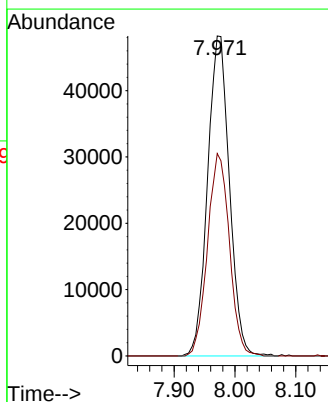
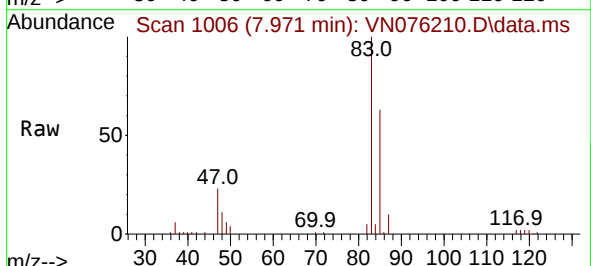
Manual Integrations
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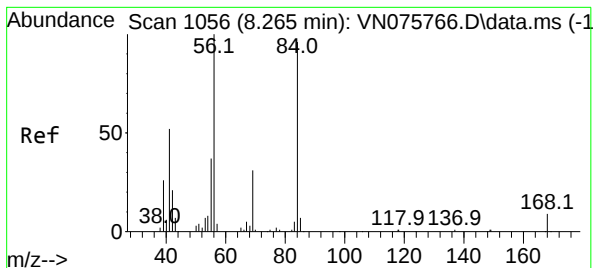
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#30
Chloroform
Concen: 18.324 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Tgt Ion: 83 Resp: 120041
Ion Ratio Lower Upper
83 100
85 63.2 49.1 73.7





#31

Cyclohexane

Concen: 17.958 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN076210.D

Acq: 11 Jan 2023 15:16

Instrument :

MSVOA_N

ClientSampleId :

VN0111MBSD01

Tgt Ion: 56 Resp: 96990

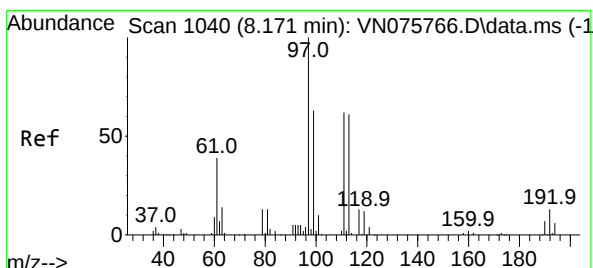
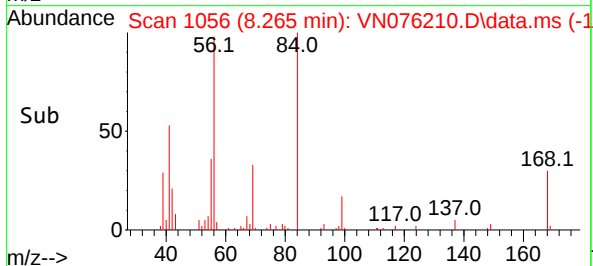
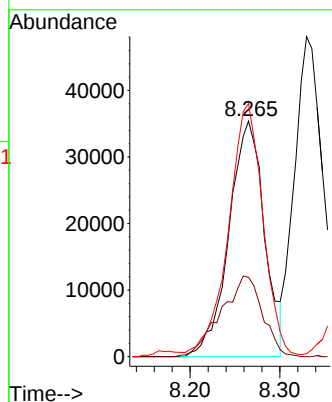
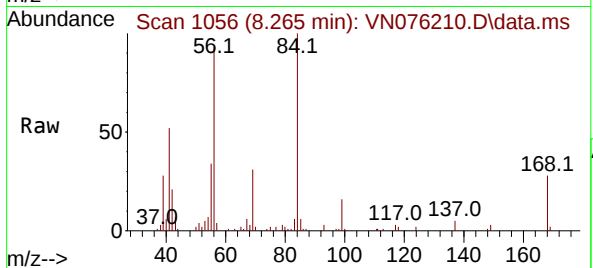
Ion	Ratio	Lower	Upper
56	100		
69	33.1	24.7	37.1
84	105.5	76.5	114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#32

1,1,1-Trichloroethane

Concen: 18.151 ug/l

RT: 8.171 min Scan# 1040

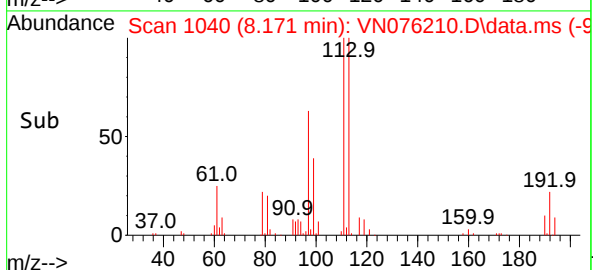
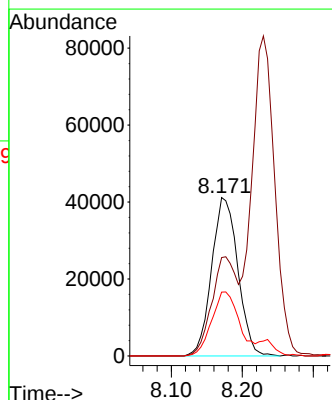
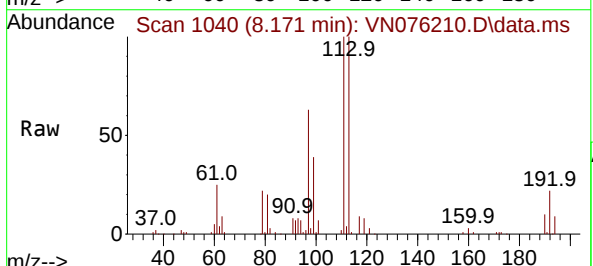
Delta R.T. 0.000 min

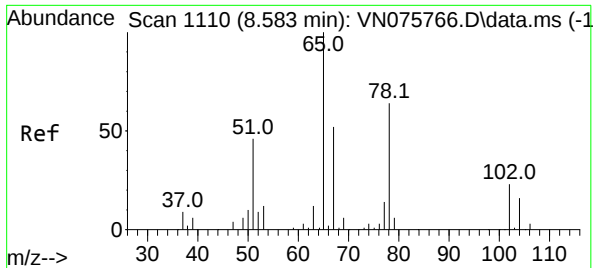
Lab File: VN076210.D

Acq: 11 Jan 2023 15:16

Tgt Ion: 97 Resp: 105417

Ion	Ratio	Lower	Upper
97	100		
99	59.1	50.2	75.2
61	42.7	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 46.573 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076210.D

Acq: 11 Jan 2023 15:16

Instrument :

MSVOA_N

ClientSampleId :

VN0111MBSD01

Tgt Ion: 65 Resp: 17563

Ion Ratio Lower Upper

65 100

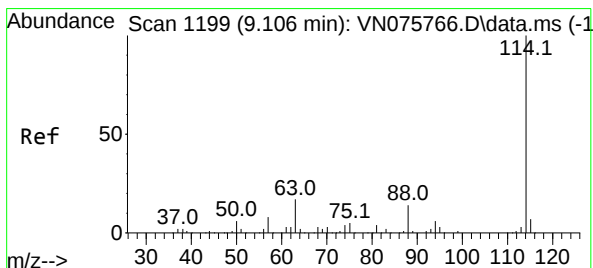
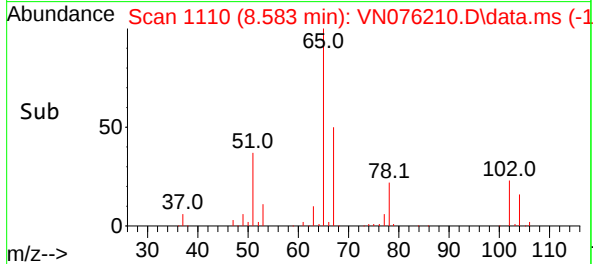
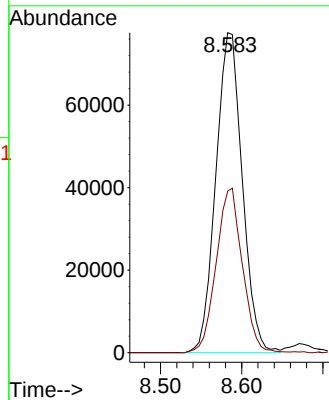
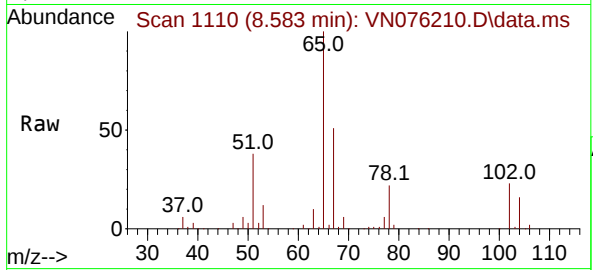
67 50.8 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076210.D

Acq: 11 Jan 2023 15:16

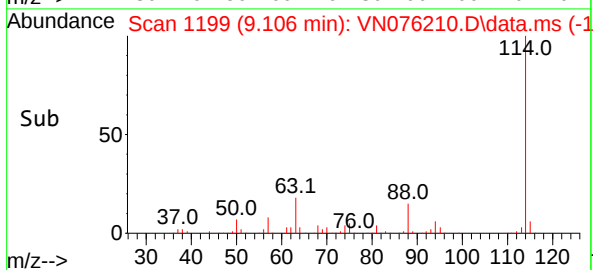
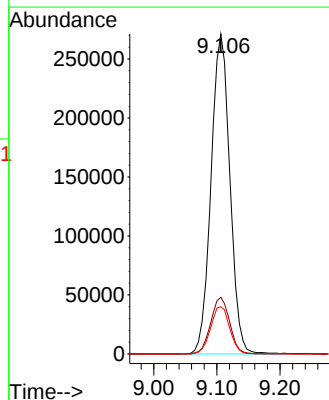
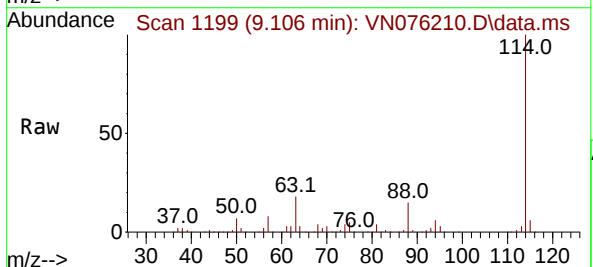
Tgt Ion:114 Resp: 561869

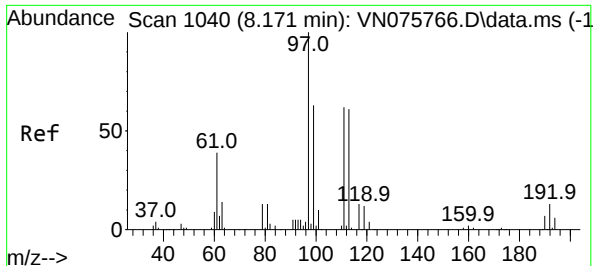
Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.4

88 14.7 0.0 28.8





#35

Dibromofluoromethane

Concen: 45.377 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN076210.D

Acq: 11 Jan 2023 15:16

Instrument :

MSVOA_N

ClientSampleId :

VN0111MBSD01

Tgt Ion: 113 Resp: 157894

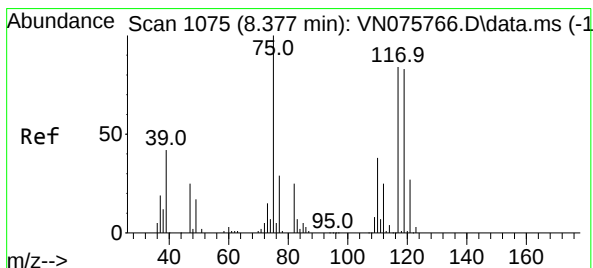
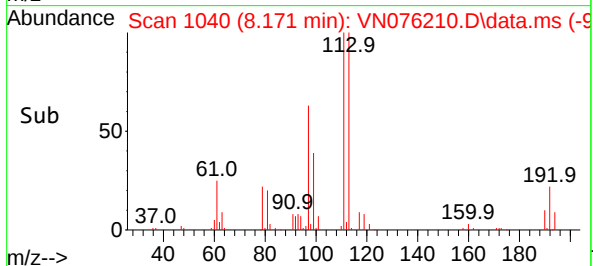
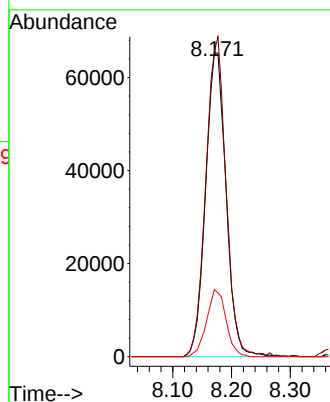
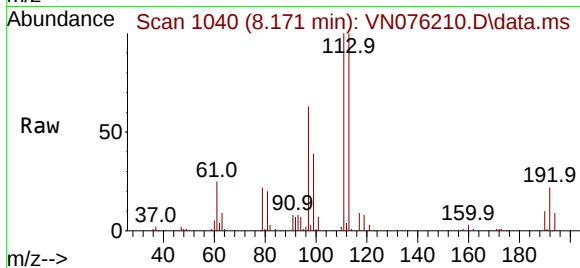
Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.4	125.2
192	21.0	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#36

1,1-Dichloropropene

Concen: 17.693 ug/l

RT: 8.377 min Scan# 1075

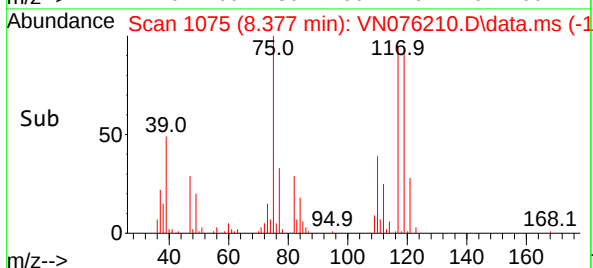
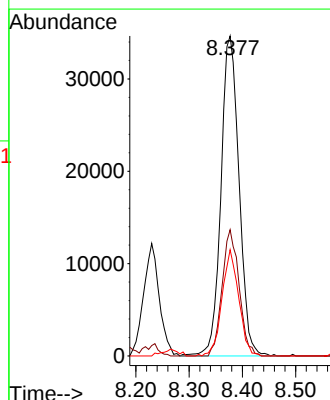
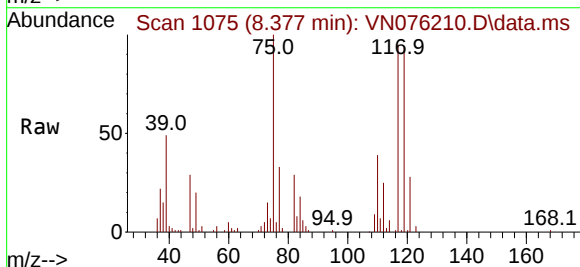
Delta R.T. 0.000 min

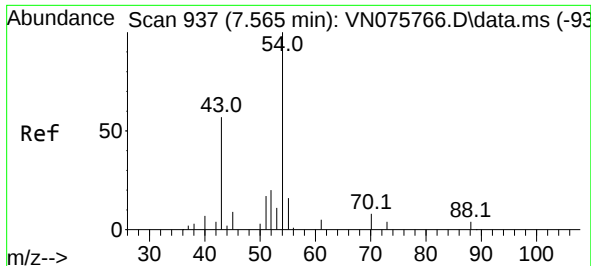
Lab File: VN076210.D

Acq: 11 Jan 2023 15:16

Tgt Ion: 75 Resp: 81780

Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.8	56.4
77	30.7	24.1	36.1





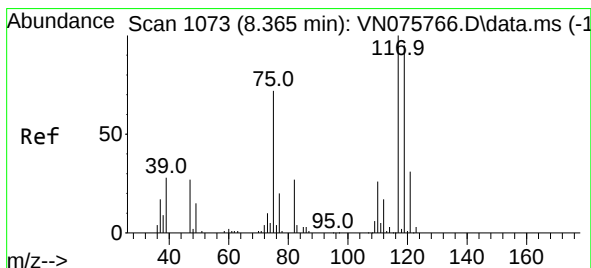
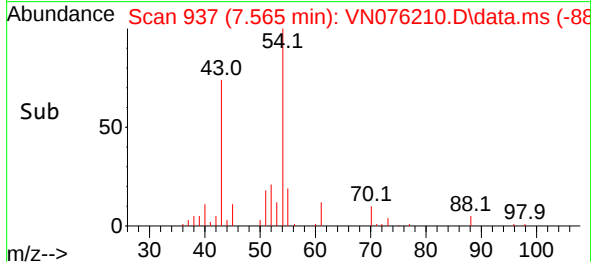
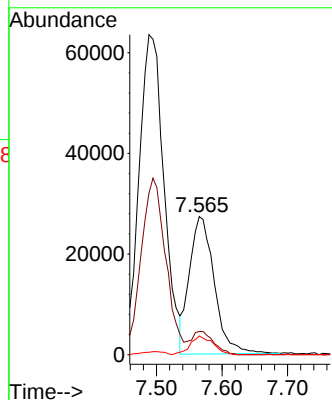
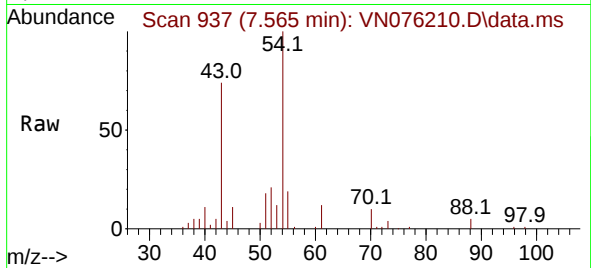
#37
Ethyl Acetate
Concen: 19.392 ug/l
RT: 7.565 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01

Tgt Ion: 43 Resp: 71999
Ion Ratio Lower Upper
43 100
61 14.5 13.0 19.4
70 12.4 9.4 14.0

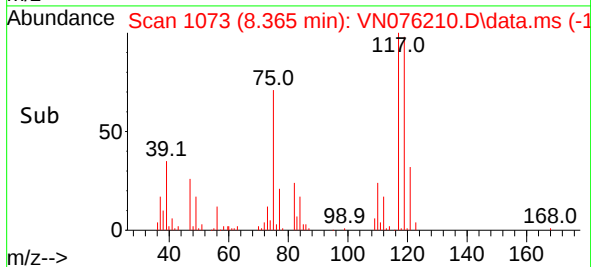
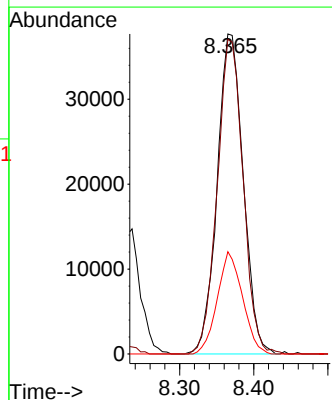
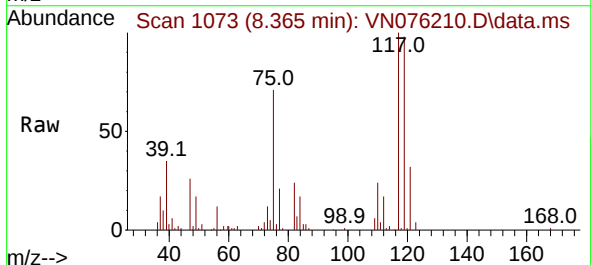
Manual Integrations
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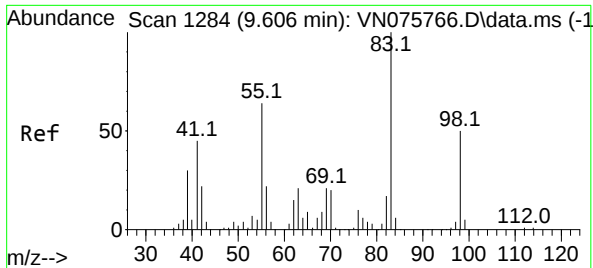
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#38
Carbon Tetrachloride
Concen: 17.809 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Tgt Ion:117 Resp: 92131
Ion Ratio Lower Upper
117 100
119 98.3 76.1 114.1
121 31.9 24.5 36.7





#39

Methylcyclohexane

Concen: 18.377 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.000 min

Lab File: VN076210.D

Acq: 11 Jan 2023 15:16

Instrument :

MSVOA_N

ClientSampleId :

VN0111MBSD01

Tgt Ion: 83 Resp: 102470

Ion Ratio Lower Upper

83 100

55 59.9 51.4 77.0

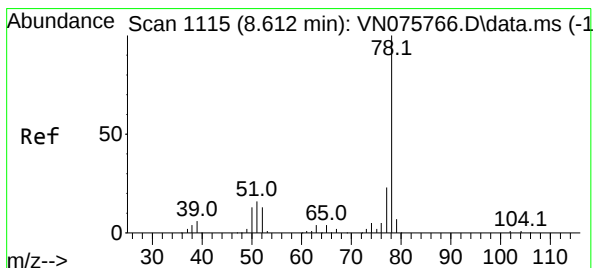
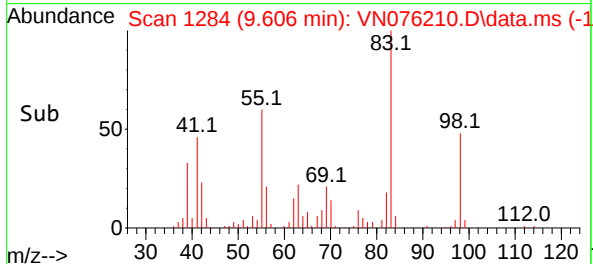
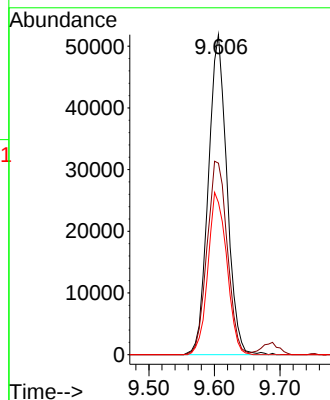
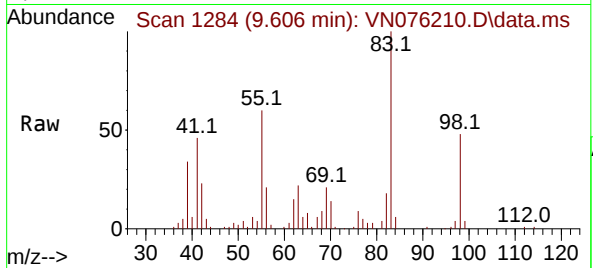
98 47.6 39.8 59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#40

Benzene

Concen: 18.115 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN076210.D

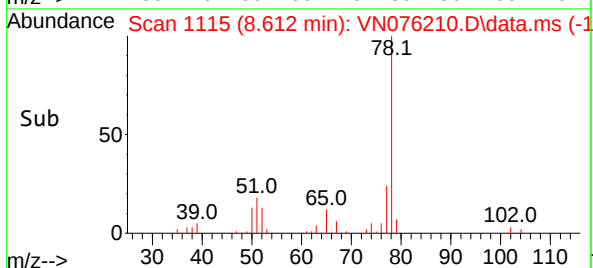
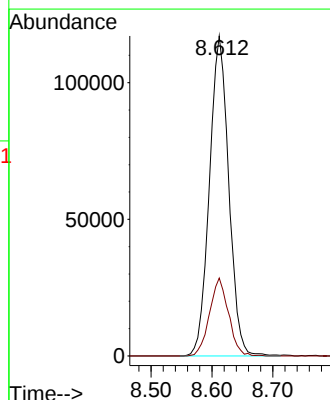
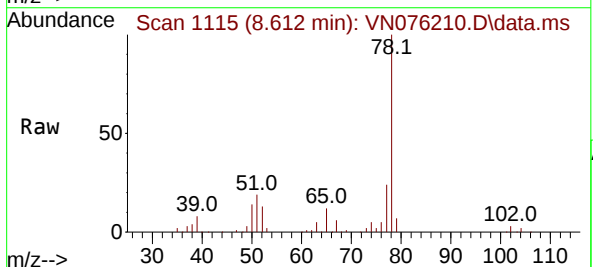
Acq: 11 Jan 2023 15:16

Tgt Ion: 78 Resp: 258343

Ion Ratio Lower Upper

78 100

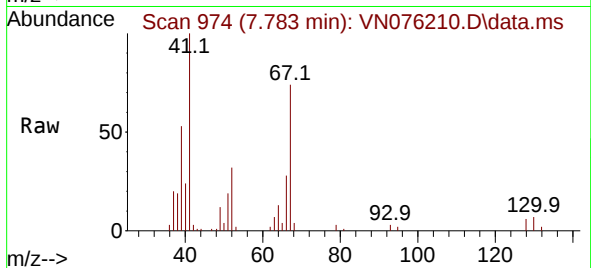
77 24.4 18.5 27.7





#41
Methacrylonitrile
Concen: 19.143 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

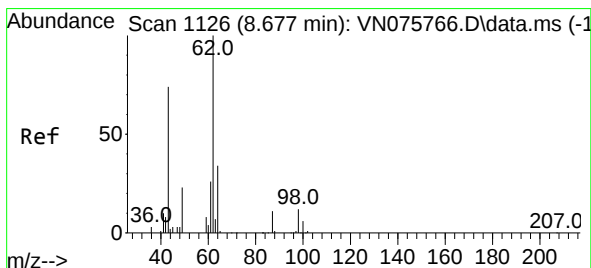
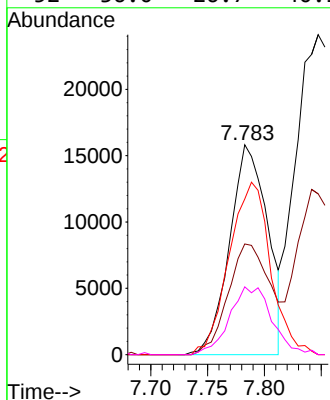
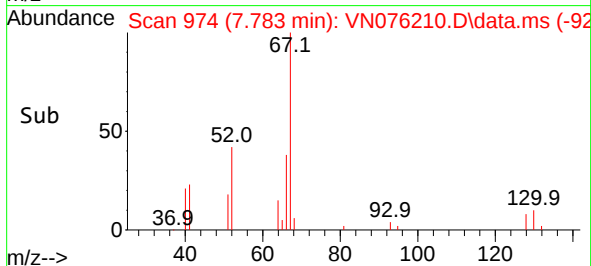
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



Tgt Ion:	41	Resp:	3694
Ion Ratio	100	Lower	Upper
41	100		
39	57.0	43.1	64.7
67	89.3	70.7	106.1
52	36.0	26.7	40.1

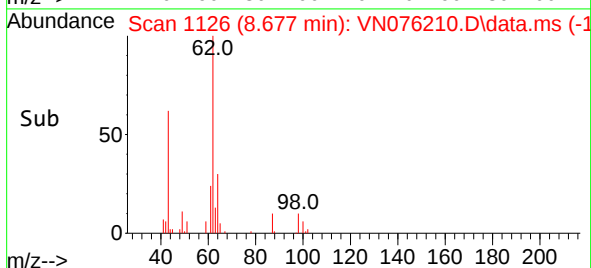
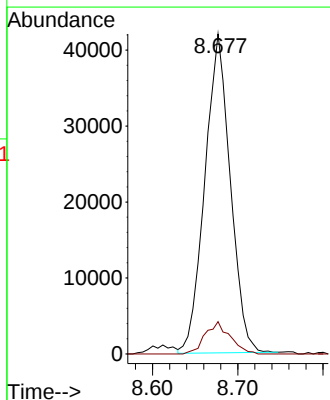
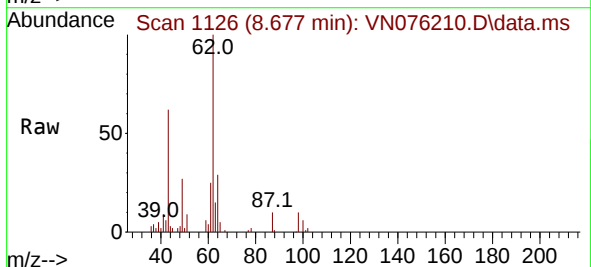
Manual Integrations
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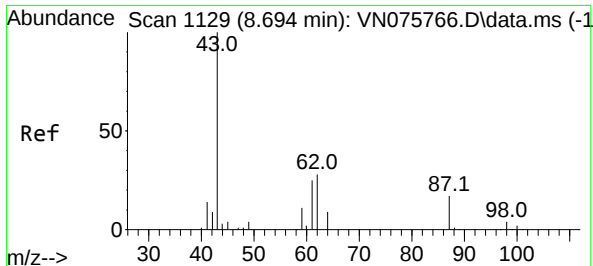
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#42
1,2-Dichloroethane
Concen: 18.387 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

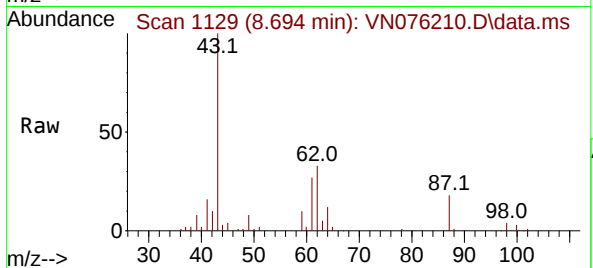
Tgt Ion:	62	Resp:	87177
Ion Ratio	100	Lower	Upper
62	100		
98	9.9	0.0	20.8





#43
Isopropyl Acetate
Concen: 20.668 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

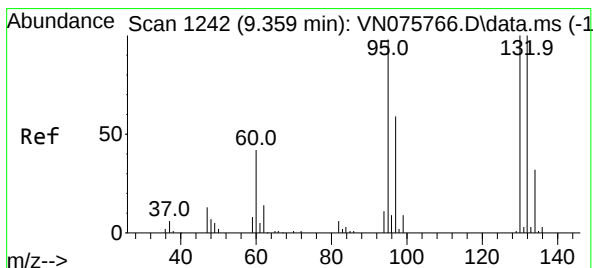
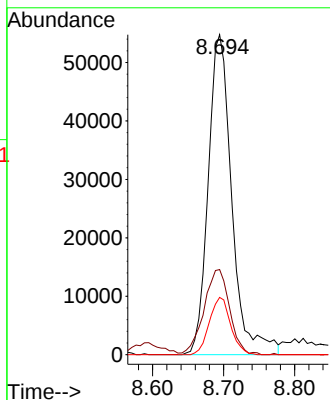
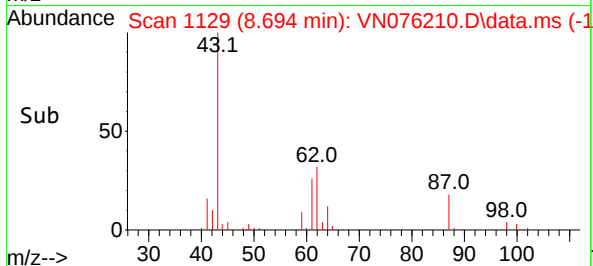
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



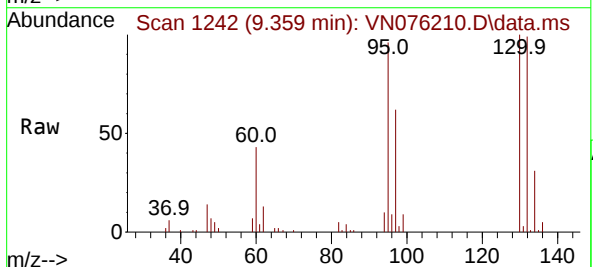
Tgt Ion: 43 Resp: 126584
Ion Ratio Lower Upper
43 100
61 28.8 24.2 36.4
87 16.0 13.3 19.9

Manual Integrations
APPROVED

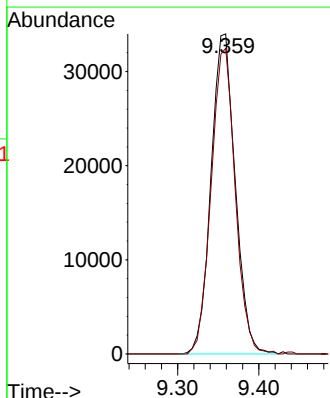
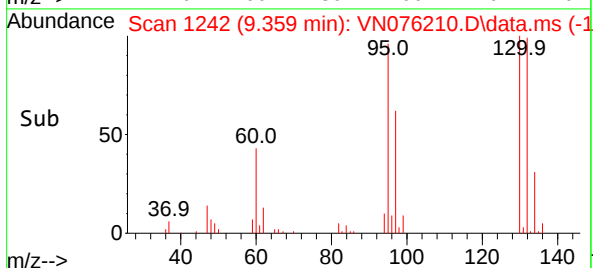
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

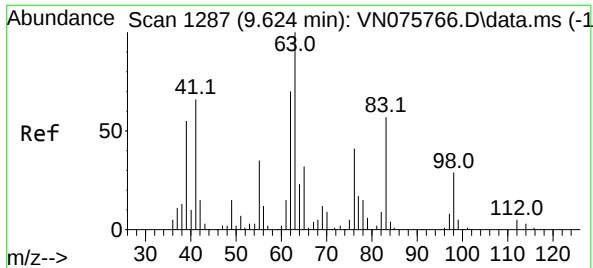


#44
Trichloroethene
Concen: 17.538 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16



Tgt Ion:130 Resp: 70463
Ion Ratio Lower Upper
130 100
95 95.5 0.0 195.4





#45

1,2-Dichloropropane

Concen: 18.285 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN076210.D

Acq: 11 Jan 2023 15:16

Instrument :

MSVOA_N

ClientSampleId :

VN0111MBSD01

Tgt Ion: 63 Resp: 6345

Ion Ratio Lower Upper

63 100

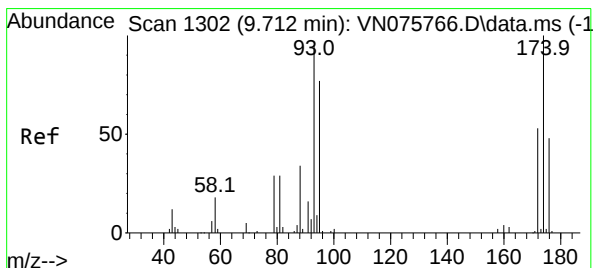
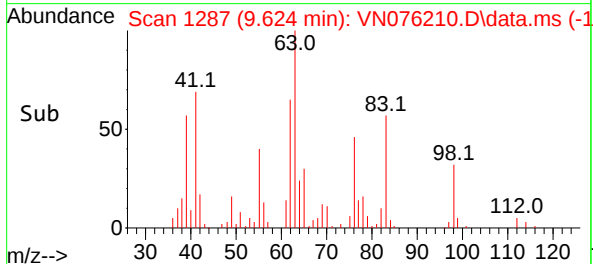
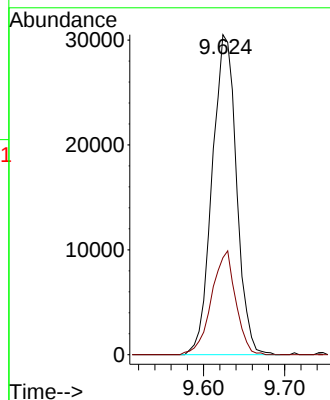
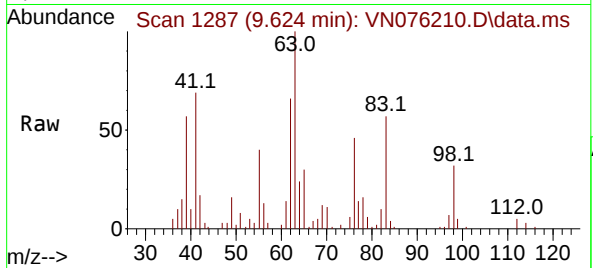
65 30.3 25.7 38.5

Manual Integrations

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Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#46

Dibromomethane

Concen: 18.317 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN076210.D

Acq: 11 Jan 2023 15:16

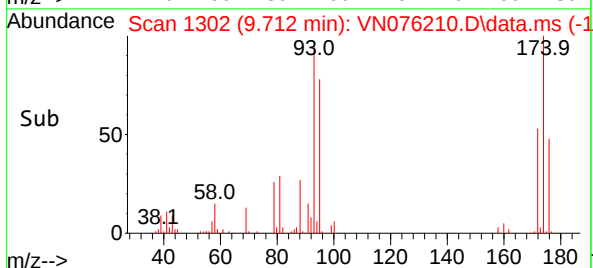
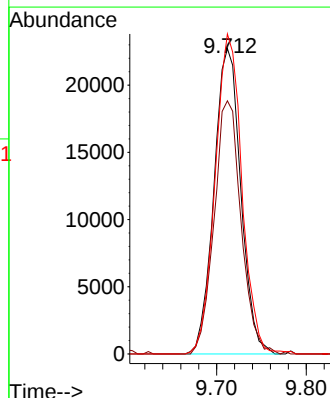
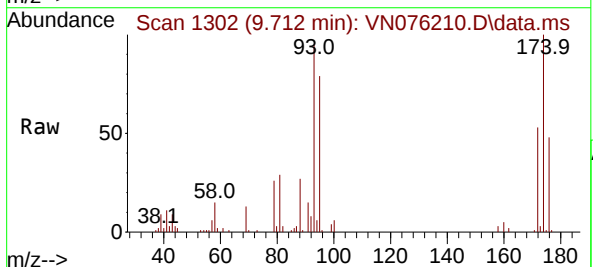
Tgt Ion: 93 Resp: 47148

Ion Ratio Lower Upper

93 100

95 83.2 65.2 97.8

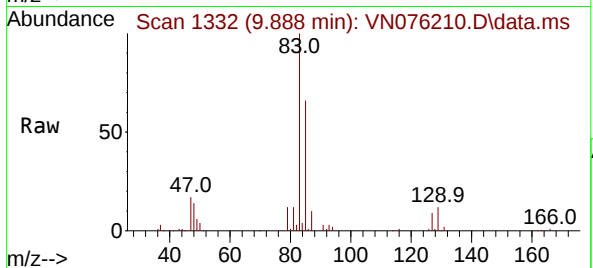
174 104.7 82.4 123.6





#47
Bromodichloromethane
Concen: 17.902 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

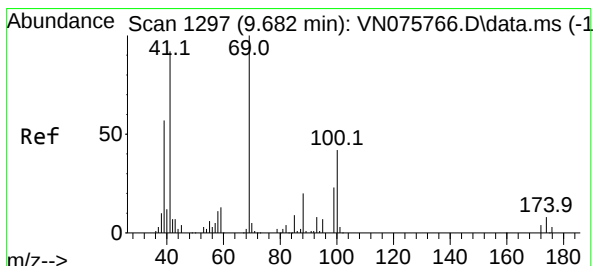
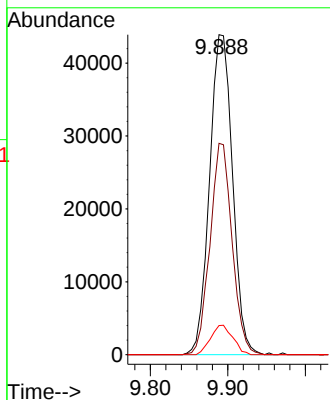
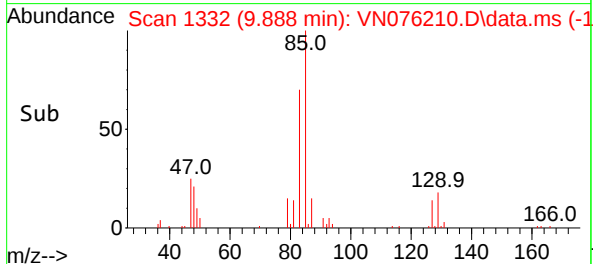
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



Tgt Ion: 83 Resp: 90360
Ion Ratio Lower Upper
83 100
85 66.1 51.5 77.3
127 9.1 6.6 10.0

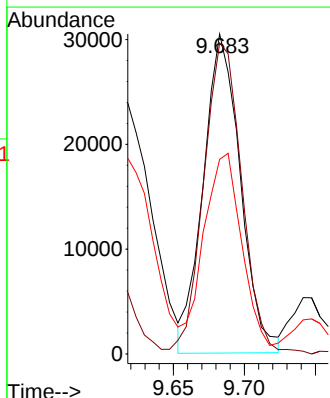
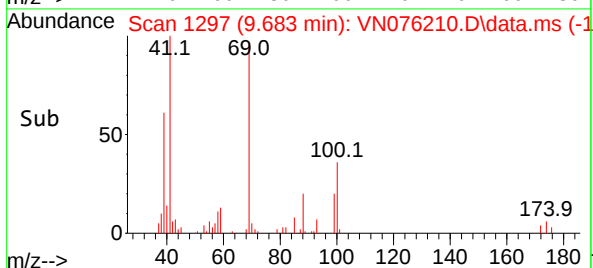
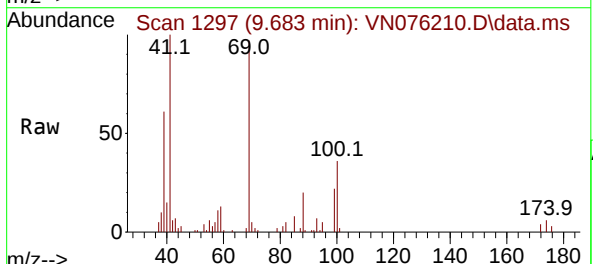
Manual Integrations
APPROVED

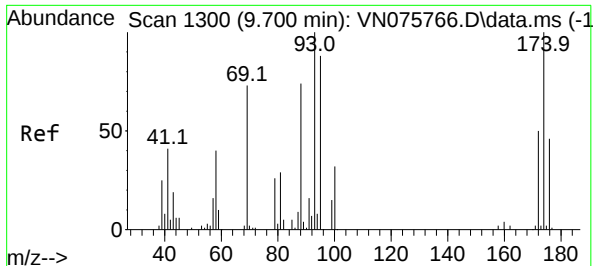
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#48
Methyl methacrylate
Concen: 20.031 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Tgt Ion: 41 Resp: 55255
Ion Ratio Lower Upper
41 100
69 100.7 81.9 122.9
39 65.6 51.6 77.4





#49

1,4-Dioxane

Concen: 343.760 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN076210.D

Acq: 11 Jan 2023 15:16

Instrument :

MSVOA_N

ClientSampleId :

VN0111MBS01

Tgt Ion: 88 Resp: 2331

Ion Ratio Lower Upper

88 100

43 20.9 17.1 25.7

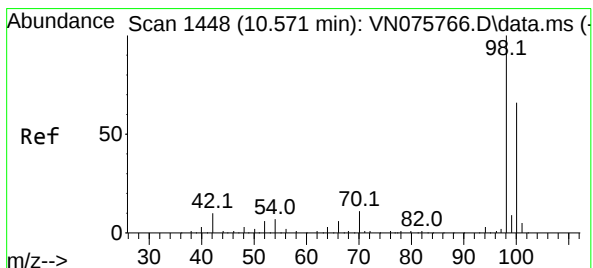
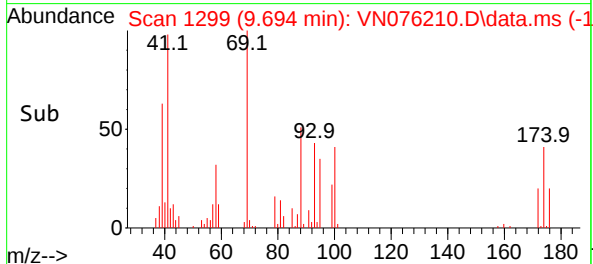
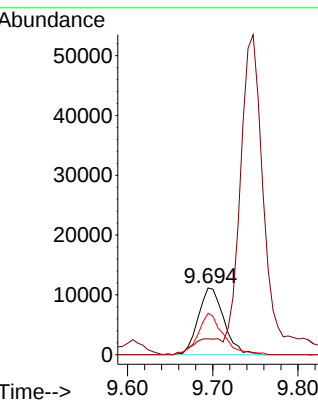
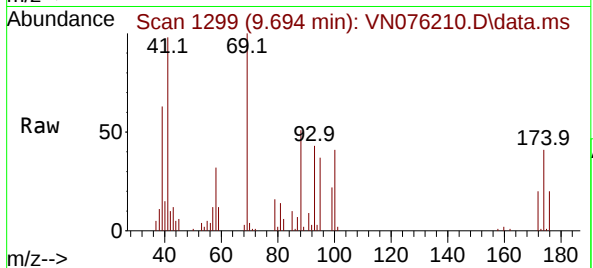
58 60.4 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#50

Toluene-d8

Concen: 43.675 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076210.D

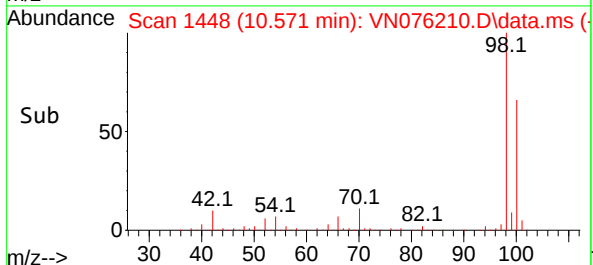
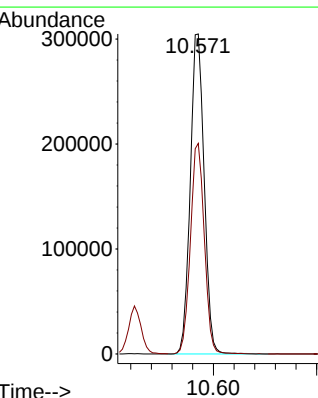
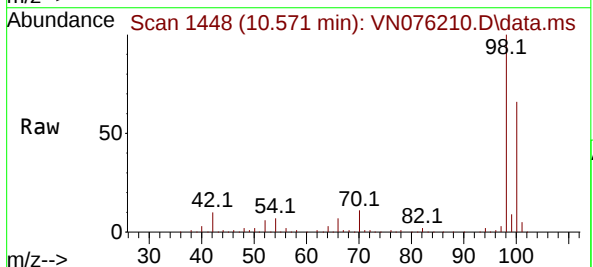
Acq: 11 Jan 2023 15:16

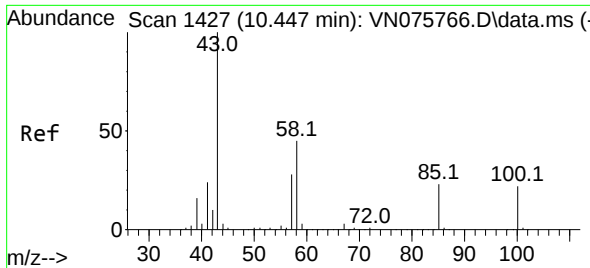
Tgt Ion: 98 Resp: 568195

Ion Ratio Lower Upper

98 100

100 66.0 52.1 78.1





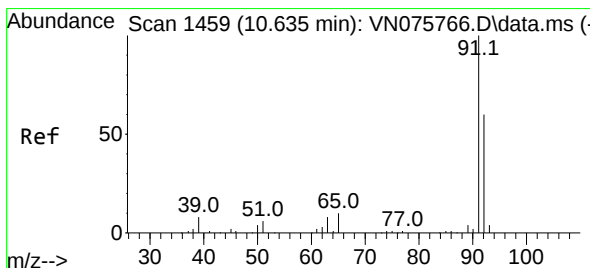
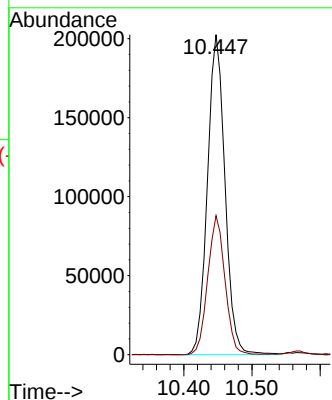
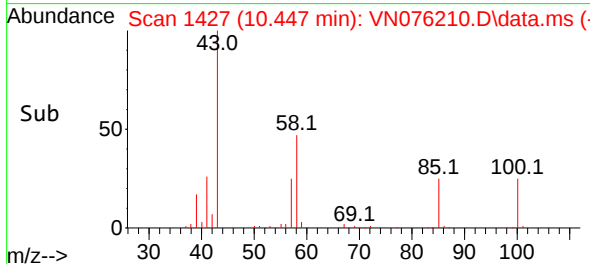
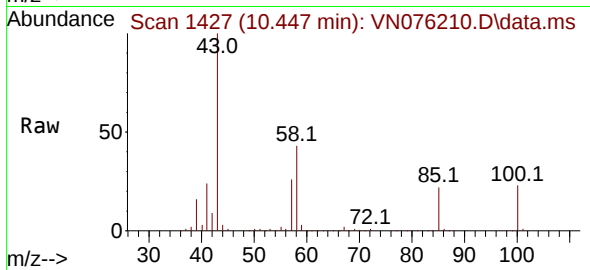
#51
4-Methyl-2-Pentanone
Concen: 97.846 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01

Tgt Ion: 43 Resp: 362409
Ion Ratio Lower Upper
43 100
58 42.8 35.5 53.3

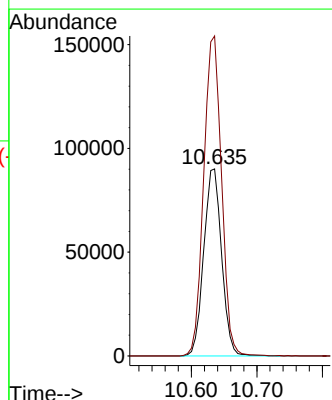
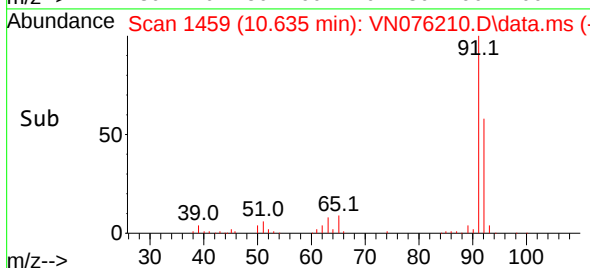
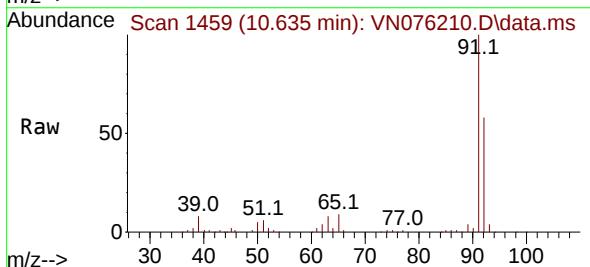
Manual Integrations
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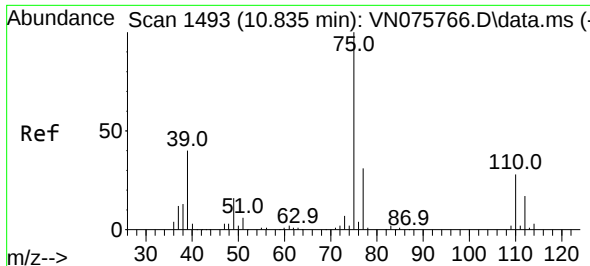
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#52
Toluene
Concen: 18.428 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

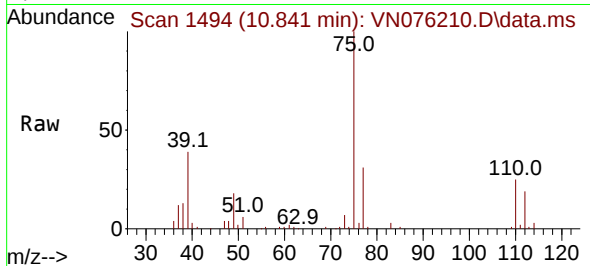
Tgt Ion: 92 Resp: 171158
Ion Ratio Lower Upper
92 100
91 170.7 137.3 205.9





#53
 t-1,3-Dichloropropene
 Concen: 17.952 ug/l
 RT: 10.841 min Scan# 1494
 Delta R.T. 0.006 min
 Lab File: VN076210.D
 Acq: 11 Jan 2023 15:16

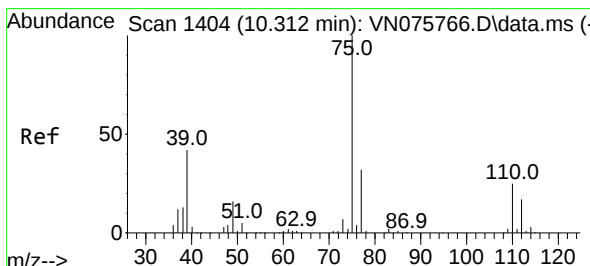
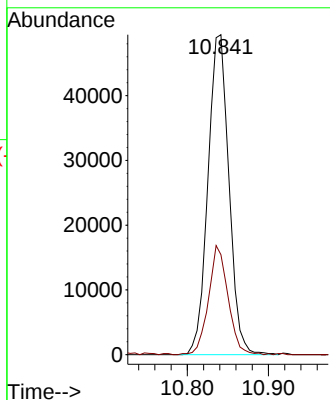
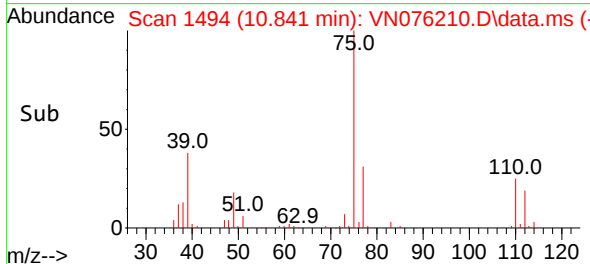
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111MBSD01



Tgt Ion: 75 Resp: 88704
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.9 37.3

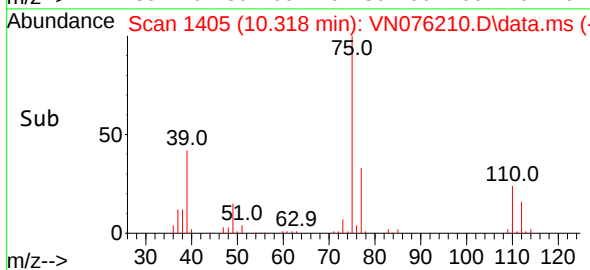
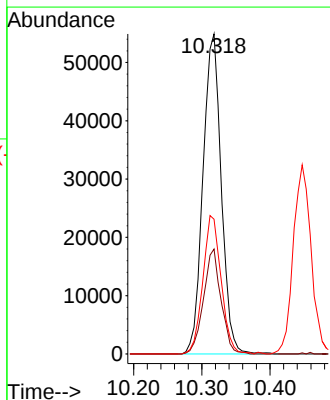
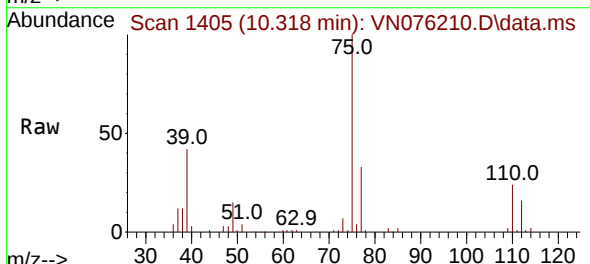
Manual Integrations
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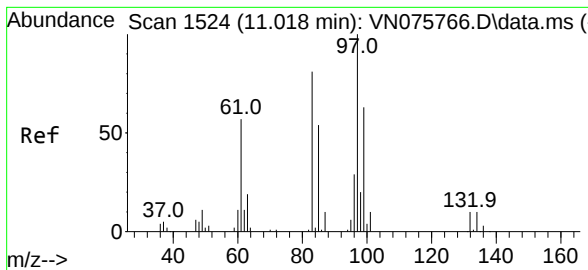
Reviewed By :John Carlone 01/12/2023
 Supervised By :Mahesh Dadoda 01/12/2023



#54
 cis-1,3-Dichloropropene
 Concen: 18.883 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN076210.D
 Acq: 11 Jan 2023 15:16

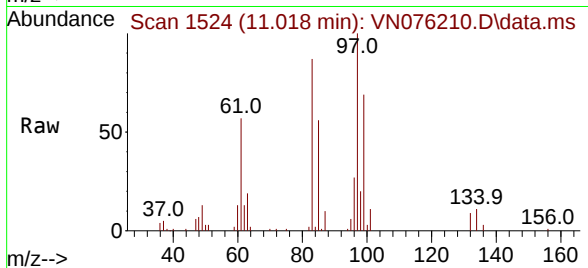
Tgt Ion: 75 Resp: 102442
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.8 38.8
 39 42.1 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 18.674 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01

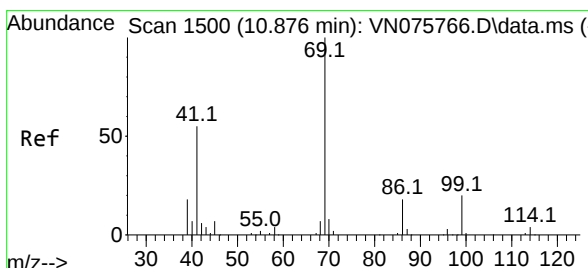
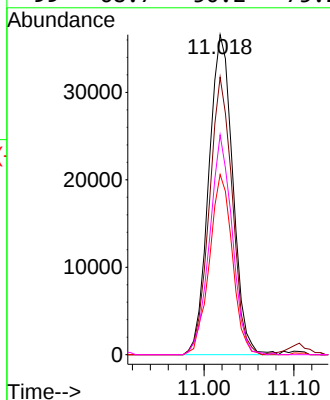
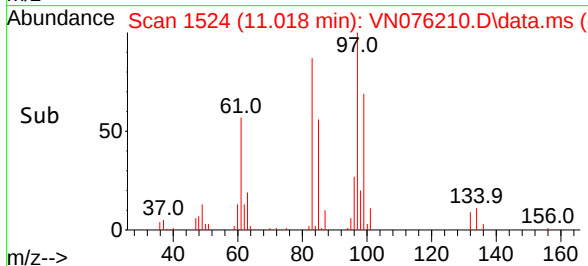


Tgt Ion: 97 Resp: 68070

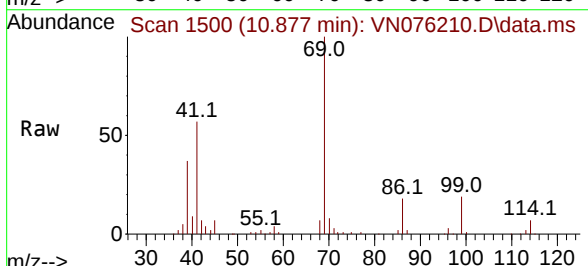
Ion	Ratio	Lower	Upper
97	100		
83	86.8	65.0	97.4
85	56.3	43.0	64.6
99	68.7	50.2	75.2

Manual Integrations
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Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

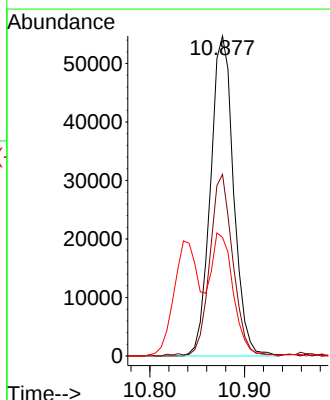
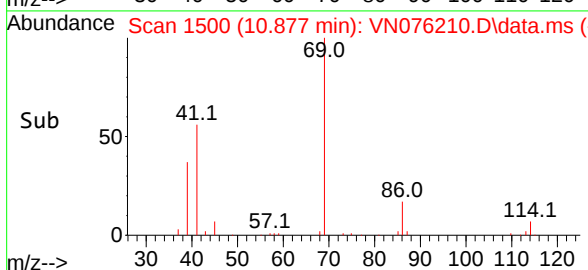


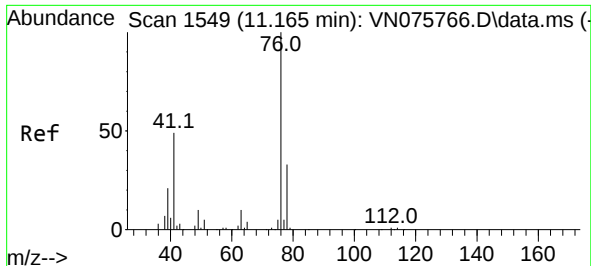
#56
Ethyl methacrylate
Concen: 19.172 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16



Tgt Ion: 69 Resp: 92836

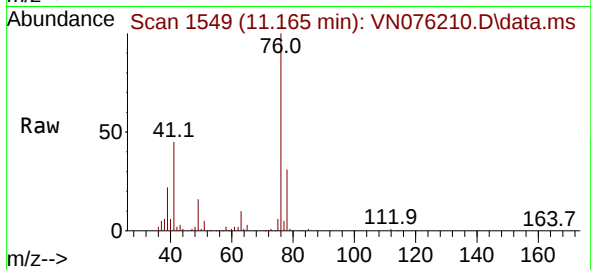
Ion	Ratio	Lower	Upper
69	100		
41	56.7	44.2	66.4
39	36.0	26.4	39.6





#57
1,3-Dichloropropane
Concen: 18.718 ug/l
RT: 11.165 min Scan# 11193
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

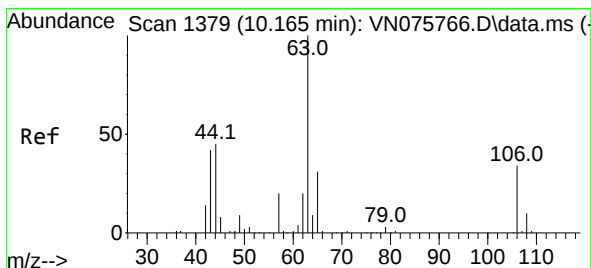
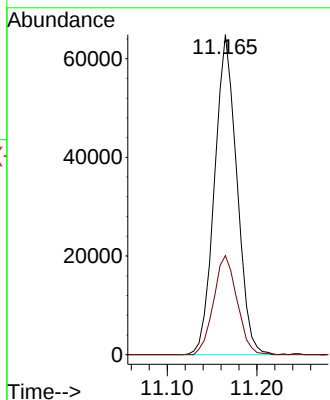
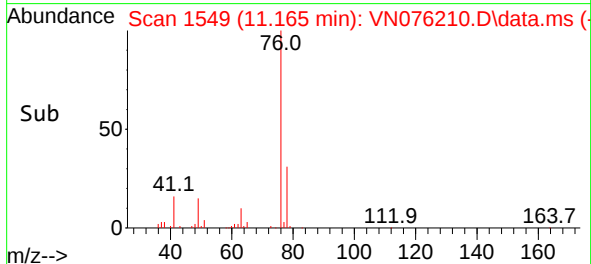
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



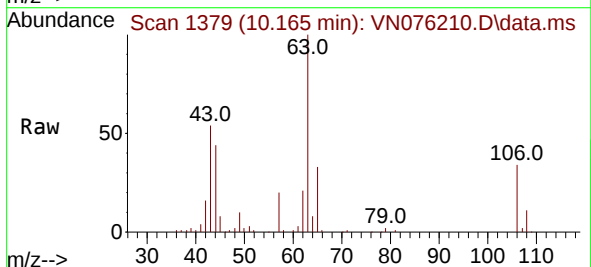
Tgt Ion: 76 Resp: 11193
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.2

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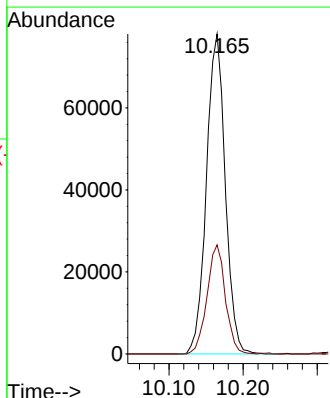
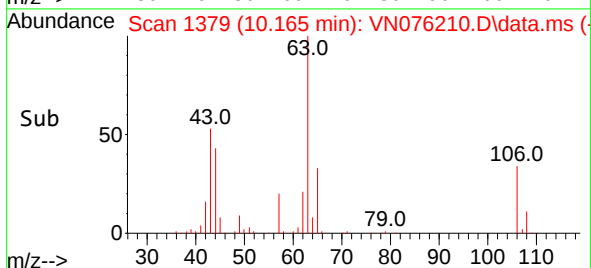
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

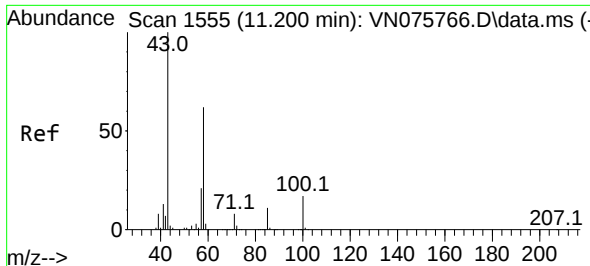


#58
2-Chloroethyl Vinyl ether
Concen: 89.242 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16



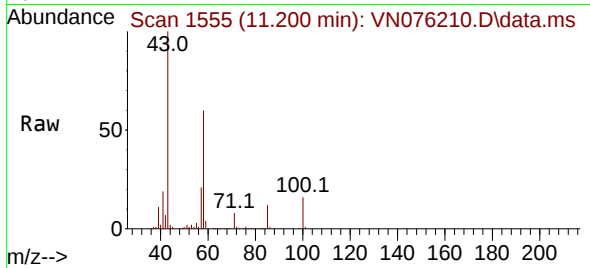
Tgt Ion: 63 Resp: 137585
Ion Ratio Lower Upper
63 100
106 33.2 26.4 39.6





#59
2-Hexanone
Concen: 95.246 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

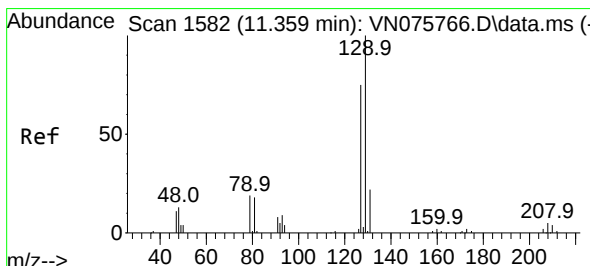
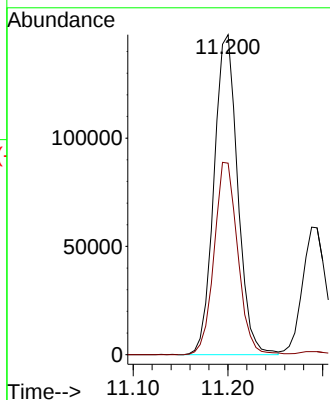
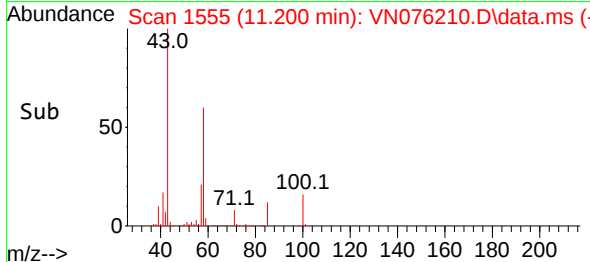
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



Tgt Ion: 43 Resp: 257270
Ion Ratio Lower Upper
43 100
58 59.9 30.6 92.0

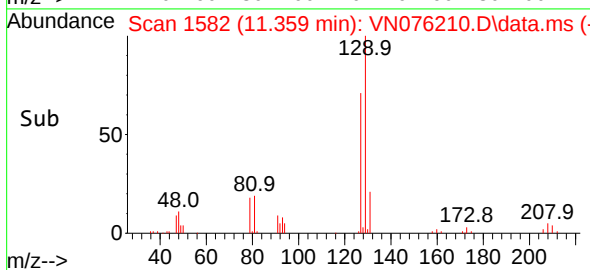
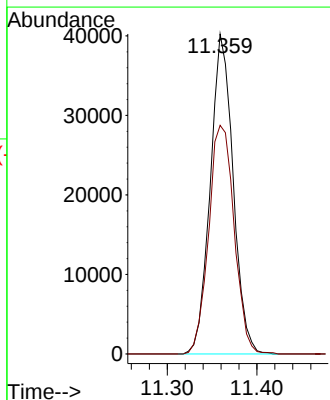
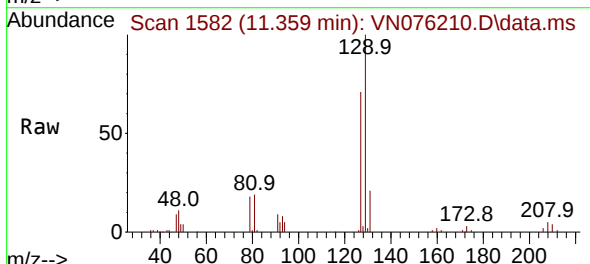
Manual Integrations
APPROVED

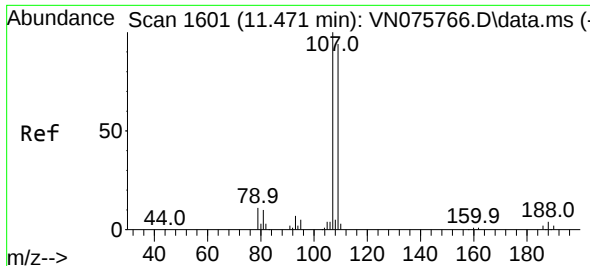
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#60
Dibromochloromethane
Concen: 17.516 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

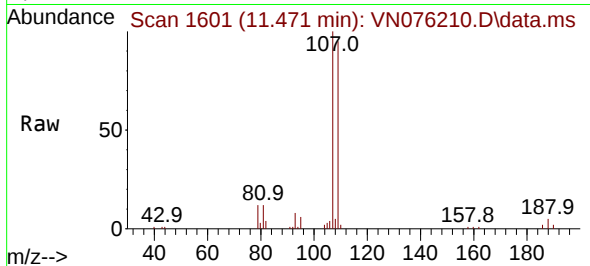
Tgt Ion:129 Resp: 71014
Ion Ratio Lower Upper
129 100
127 79.8 38.3 114.9





#61
1,2-Dibromoethane
Concen: 18.483 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

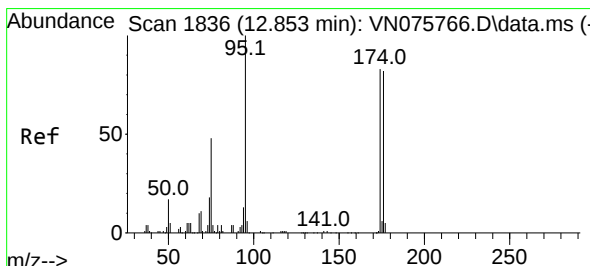
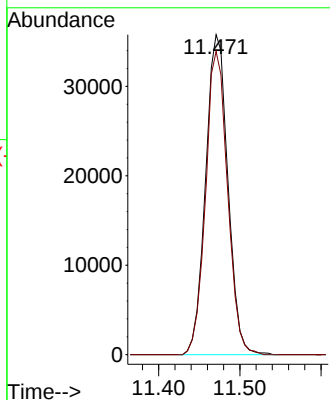
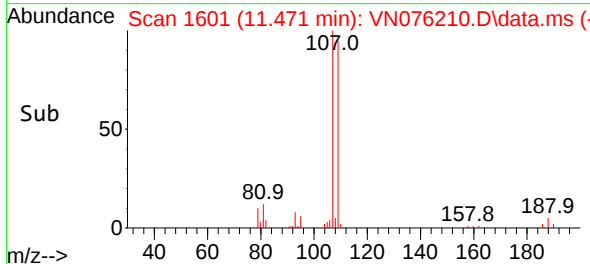
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



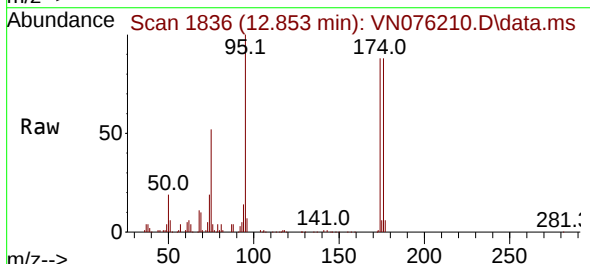
Tgt Ion:107 Resp: 68189
Ion Ratio Lower Upper
107 100
109 93.3 74.8 112.2

Manual Integrations
APPROVED

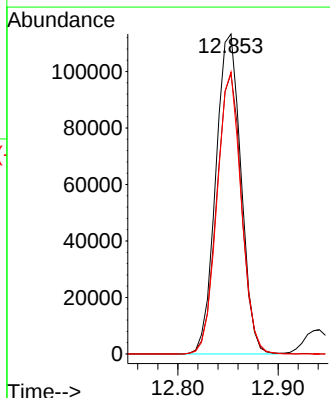
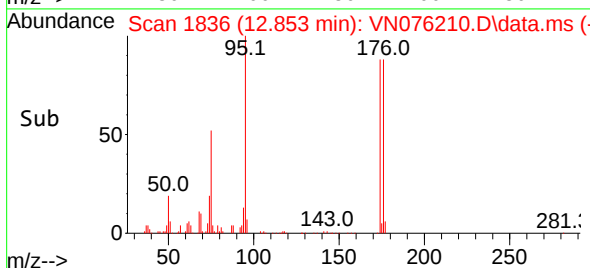
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

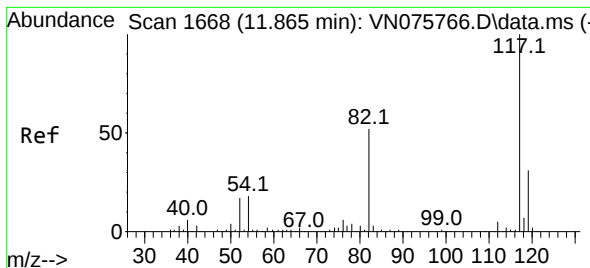


#62
4-Bromofluorobenzene
Concen: 45.878 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16



Tgt Ion: 95 Resp: 197686
Ion Ratio Lower Upper
95 100
174 85.7 0.0 171.6
176 84.4 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076210.D

Acq: 11 Jan 2023 15:16

Instrument :

MSVOA_N

ClientSampleId :

VN0111MBS01

Tgt Ion:117 Resp: 50135

Ion Ratio Lower Upper

117 100

82 53.2 41.3 61.9

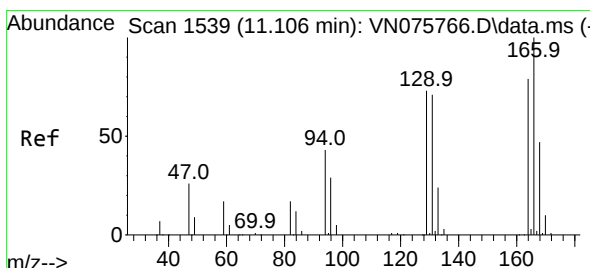
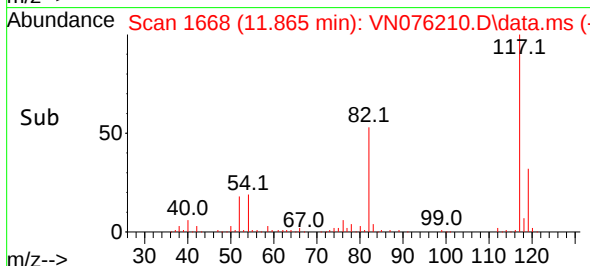
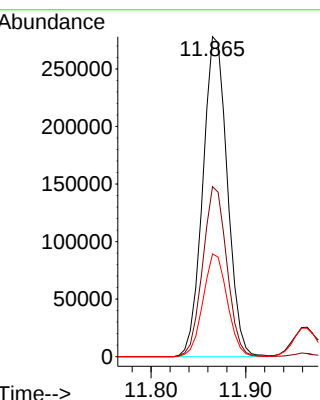
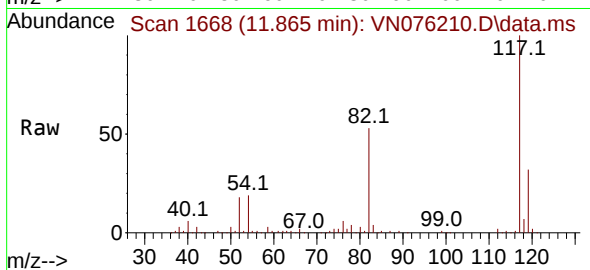
119 32.1 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#64

Tetrachloroethene

Concen: 21.148 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN076210.D

Acq: 11 Jan 2023 15:16

Tgt Ion:164 Resp: 74609

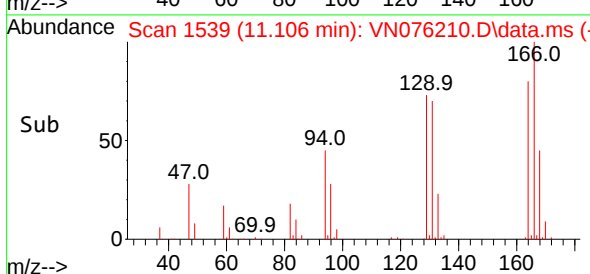
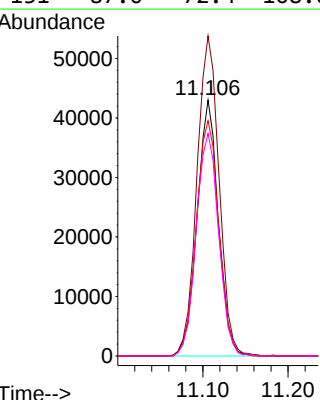
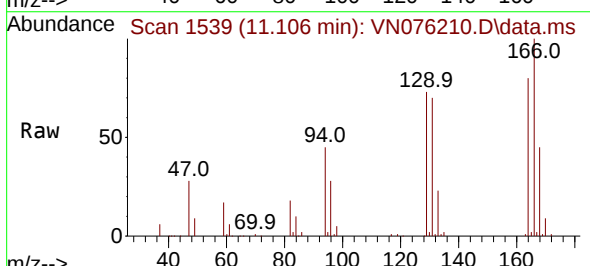
Ion Ratio Lower Upper

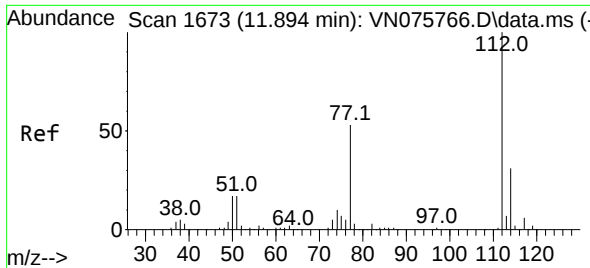
164 100

166 125.1 101.9 152.9

129 91.9 74.2 111.2

131 87.0 72.4 108.6





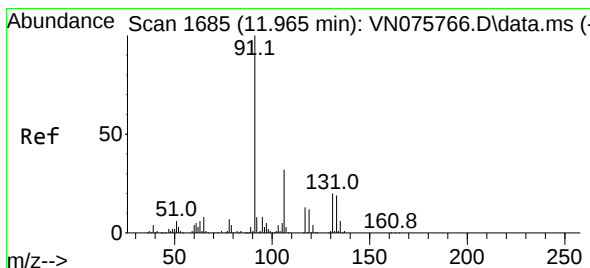
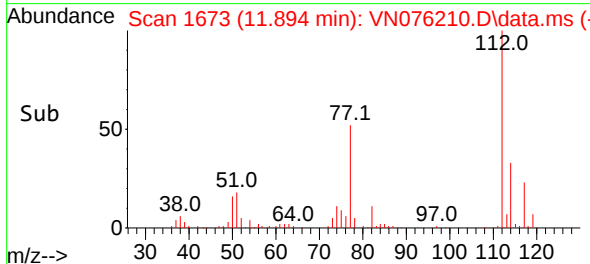
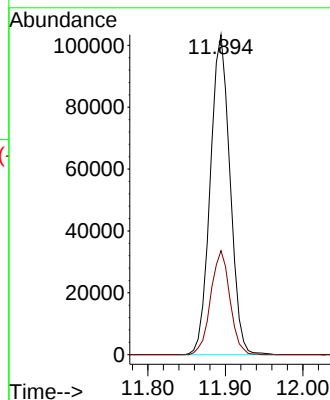
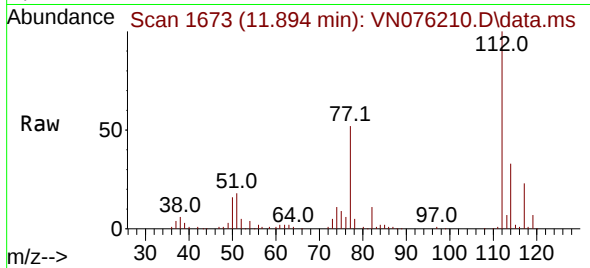
#65
Chlorobenzene
Concen: 17.751 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01

Tgt Ion:112 Resp: 18266
Ion Ratio Lower Upper
112 100
114 32.5 24.7 37.1

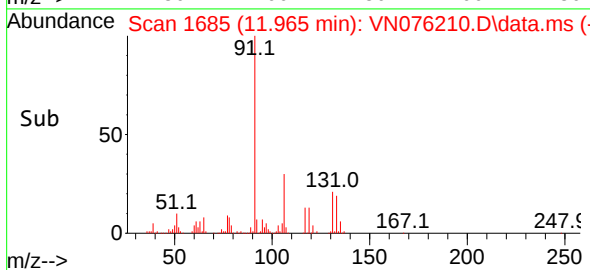
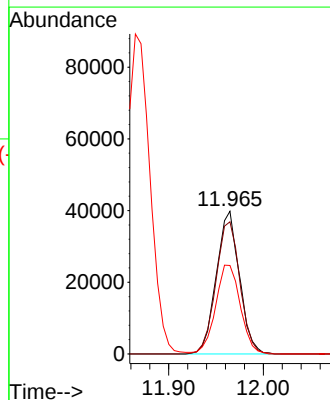
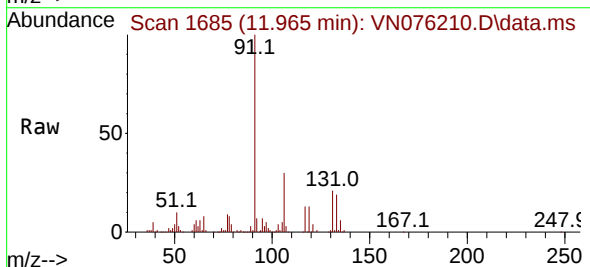
Manual Integrations
APPROVED

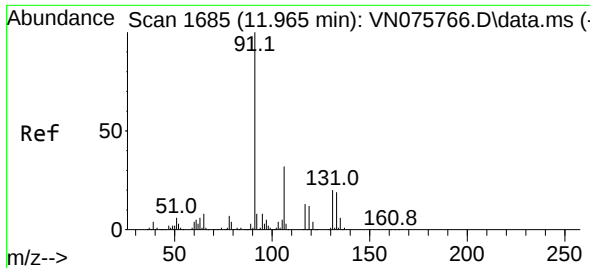
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 17.708 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Tgt Ion:131 Resp: 67494
Ion Ratio Lower Upper
131 100
133 96.7 47.5 142.5
119 66.7 31.9 95.7





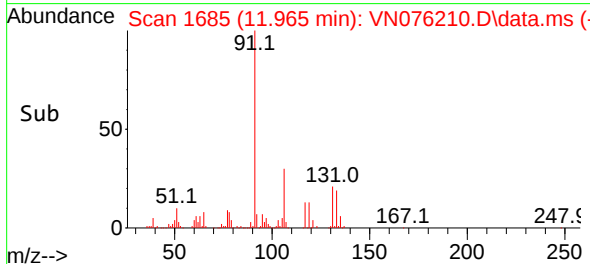
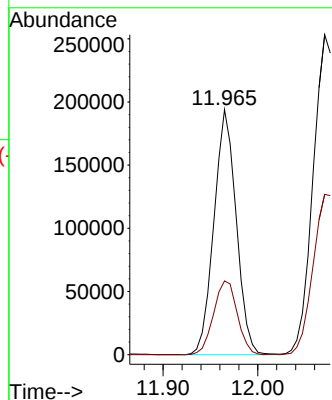
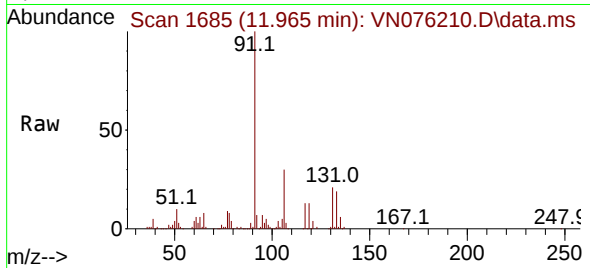
#67
Ethyl Benzene
Concen: 18.255 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01

Tgt Ion: 91 Resp: 31703
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5

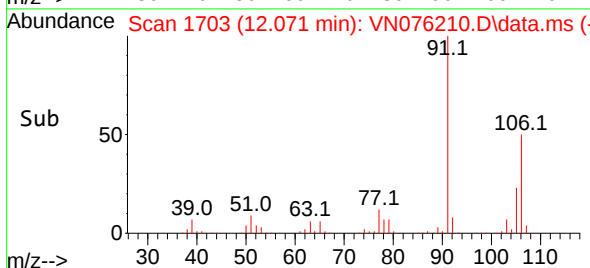
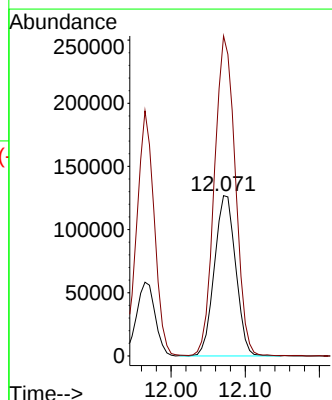
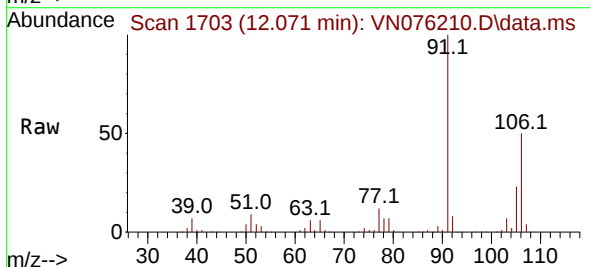
Manual Integrations
APPROVED

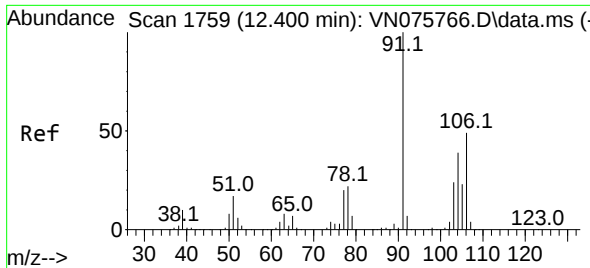
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#68
m/p-Xylenes
Concen: 36.833 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Tgt Ion:106 Resp: 253185
Ion Ratio Lower Upper
106 100
91 195.2 156.6 235.0





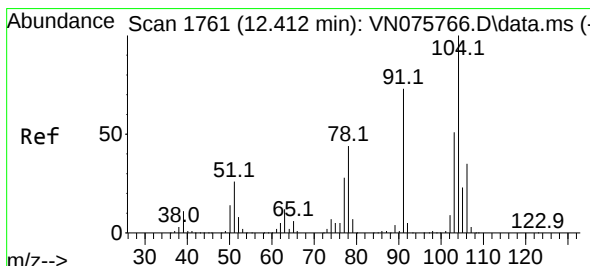
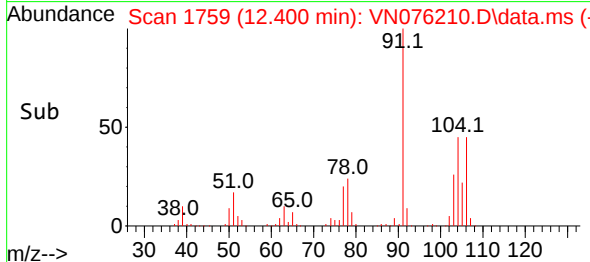
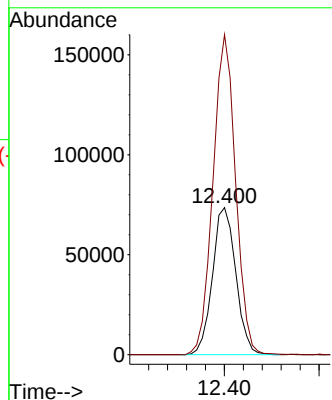
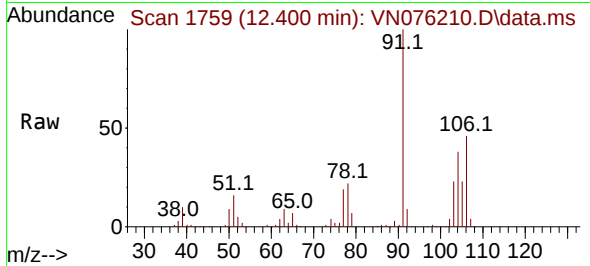
#69
o-Xylene
Concen: 18.512 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01

Tgt Ion:106 Resp: 125929
Ion Ratio Lower Upper
106 100
91 210.7 103.8 311.6

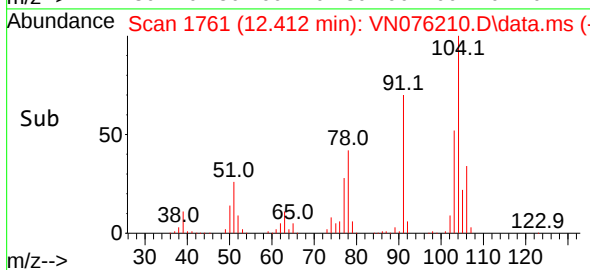
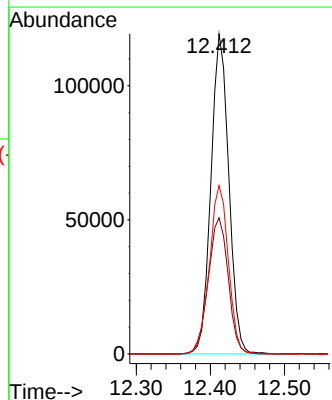
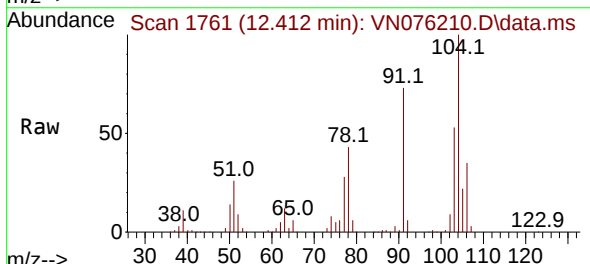
Manual Integrations
APPROVED

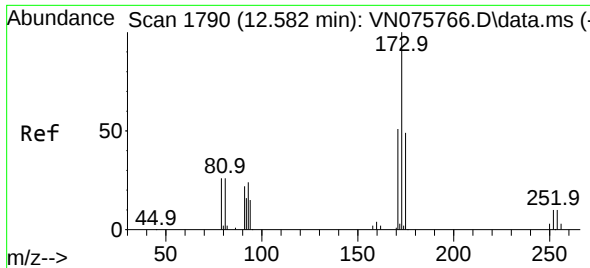
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#70
Styrene
Concen: 18.488 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

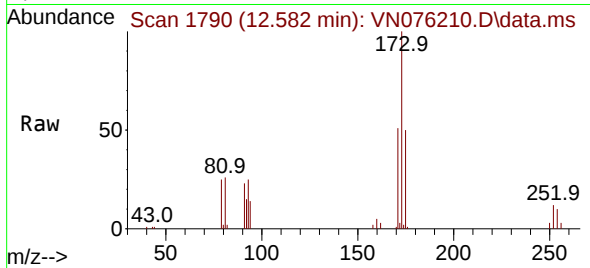
Tgt Ion:104 Resp: 199961
Ion Ratio Lower Upper
104 100
78 47.5 37.5 56.3
103 55.8 43.5 65.3





#71
Bromoform
Concen: 17.920 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

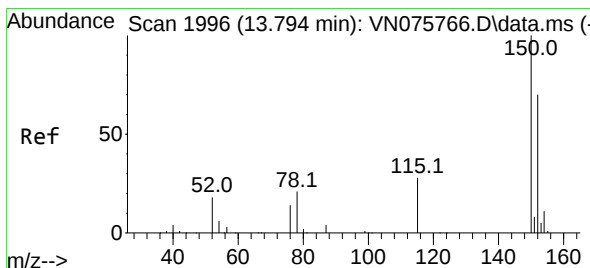
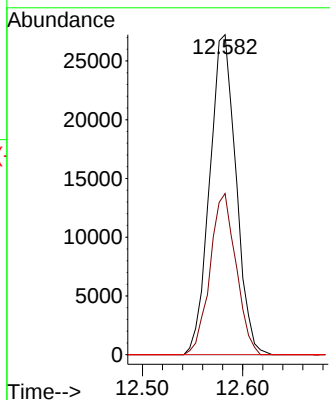
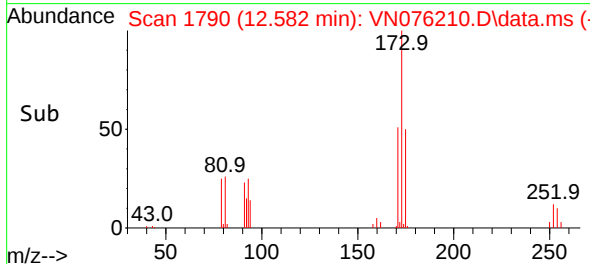
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



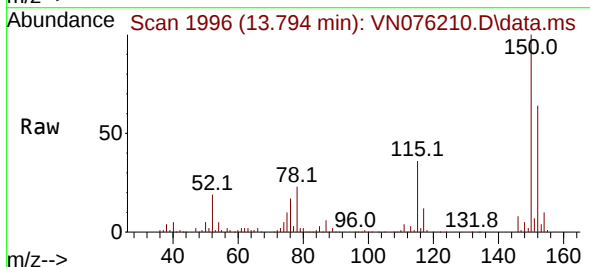
Tgt Ion:173 Resp: 49699
Ion Ratio Lower Upper
173 100
175 49.7 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

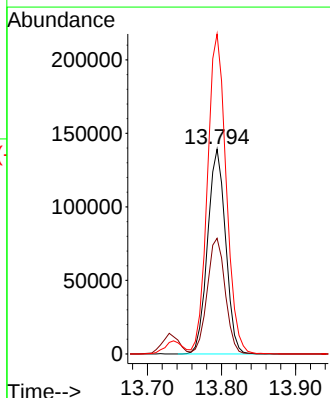
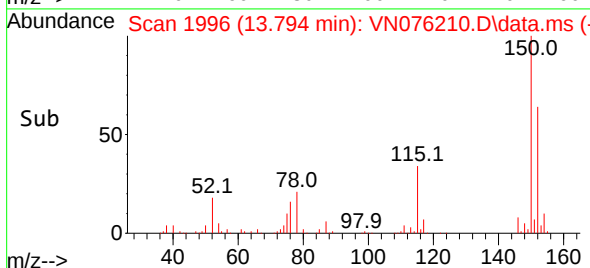
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

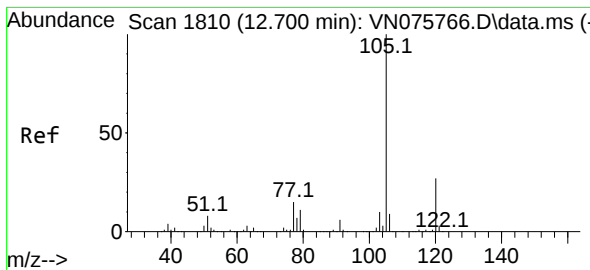


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16



Tgt Ion:152 Resp: 234648
Ion Ratio Lower Upper
152 100
115 56.6 29.1 87.4
150 162.8 0.0 347.0





#73

Isopropylbenzene

Concen: 19.209 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN076210.D

Acq: 11 Jan 2023 15:16

Instrument :

MSVOA_N

ClientSampleId :

VN0111MBSD01

Tgt Ion:105 Resp: 32572

Ion Ratio Lower Upper

105 100

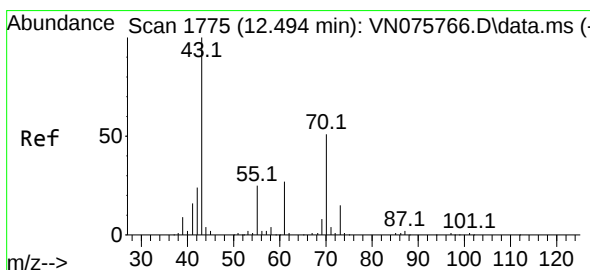
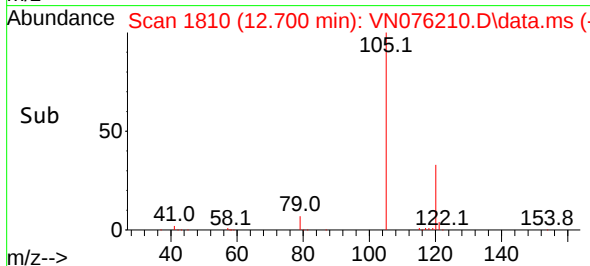
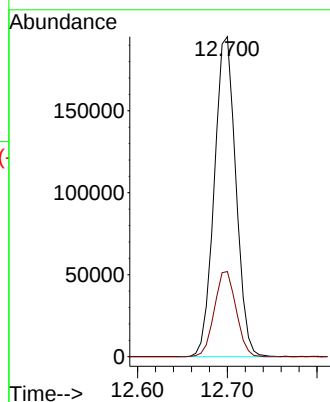
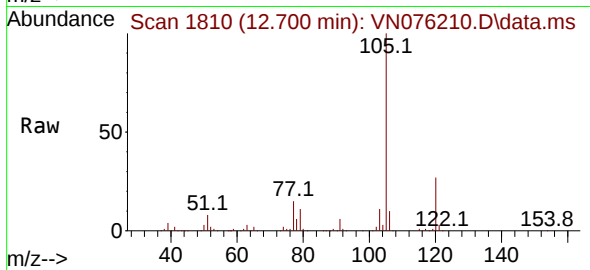
120 26.9 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#74

N-ethyl acetate

Concen: 19.759 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN076210.D

Acq: 11 Jan 2023 15:16

Tgt Ion: 43 Resp: 98293

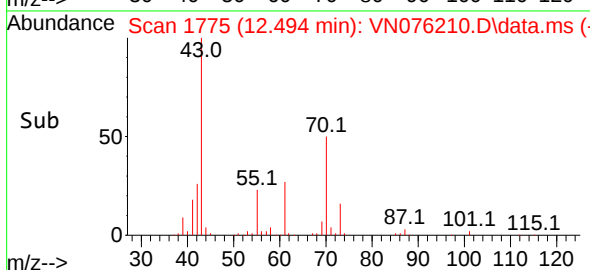
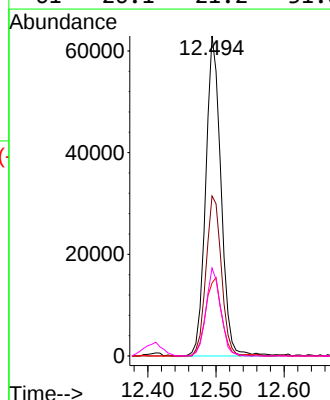
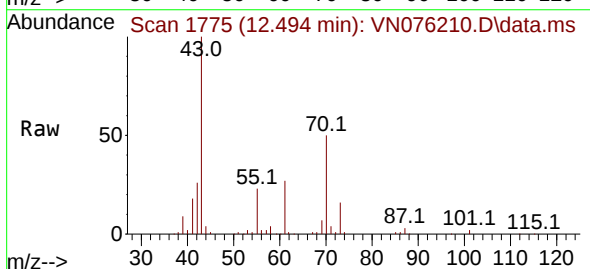
Ion Ratio Lower Upper

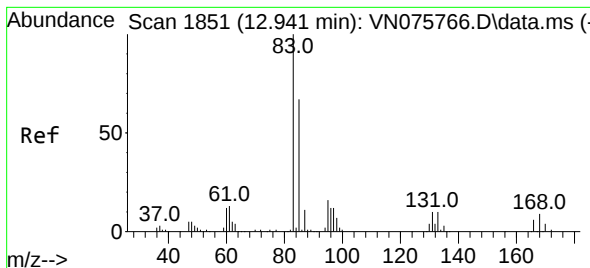
43 100

70 50.0 41.4 62.0

55 25.5 21.3 31.9

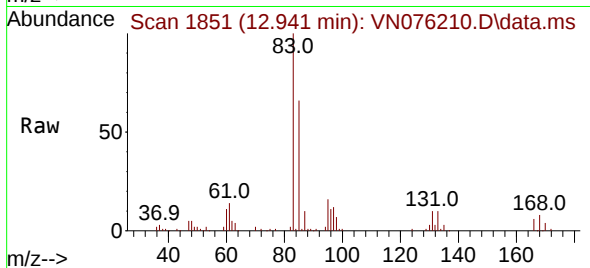
61 26.1 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 17.946 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

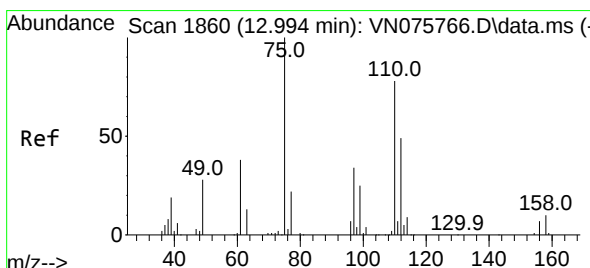
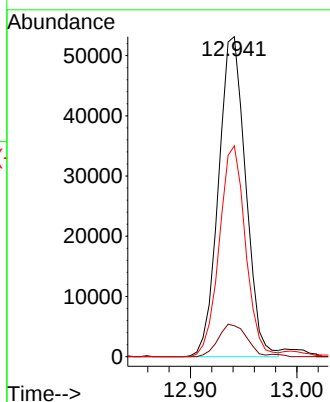
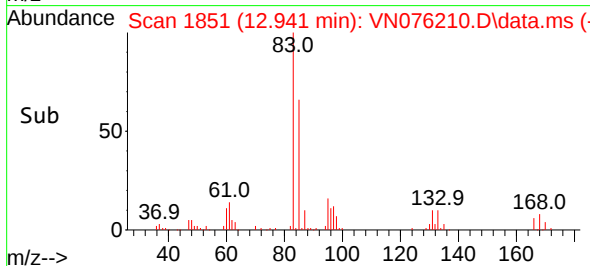
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



Tgt Ion: 83 Resp: 94074
Ion Ratio Lower Upper
83 100
131 11.0 5.6 16.8
85 63.7 32.6 98.0

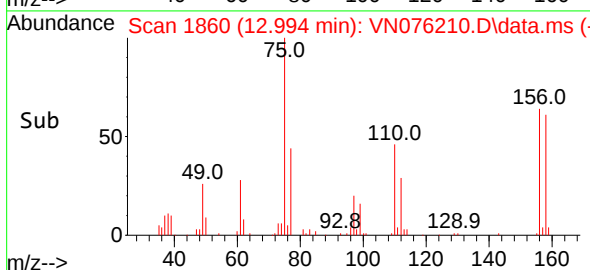
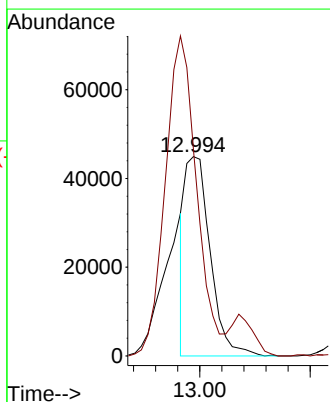
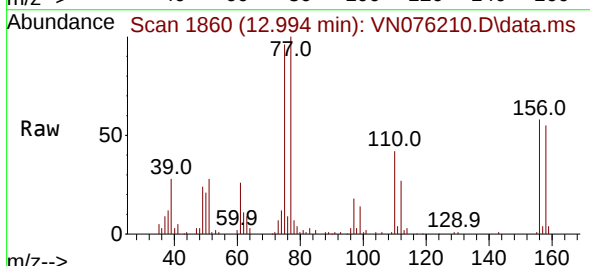
Manual Integrations
APPROVED

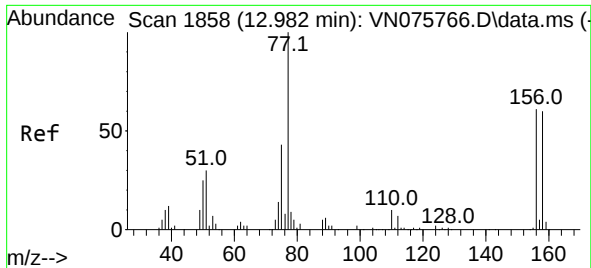
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#76
1,2,3-Trichloropropane
Concen: 15.014 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Tgt Ion: 75 Resp: 71017
Ion Ratio Lower Upper
75 100
77 198.6 82.6 247.8





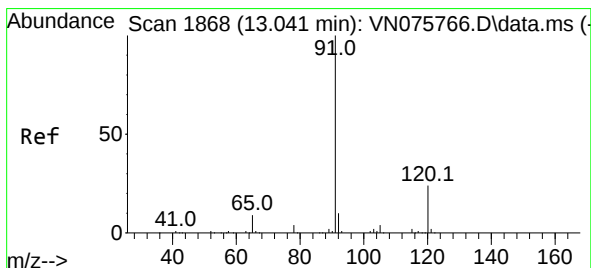
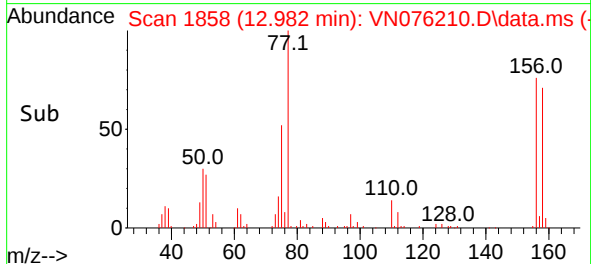
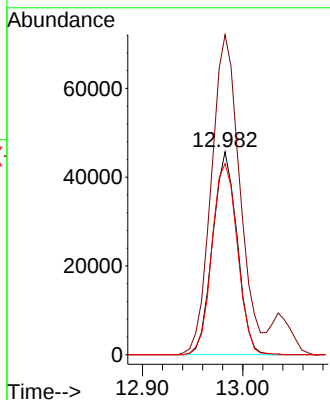
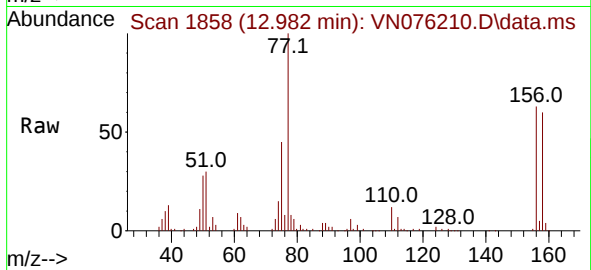
#77
Bromobenzene
Concen: 18.042 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01

Tgt Ion:156 Resp: 7742
Ion Ratio Lower Upper
156 100
77 182.1 93.8 281.3
158 97.8 48.9 146.6

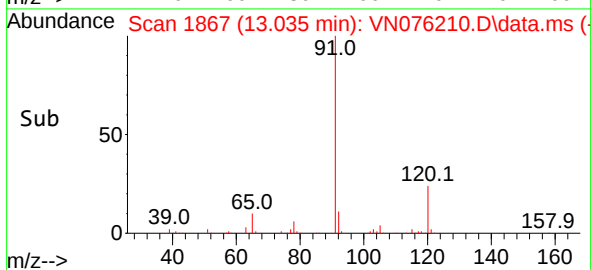
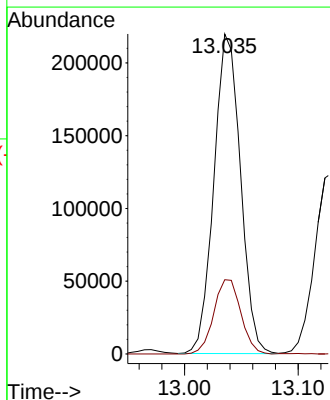
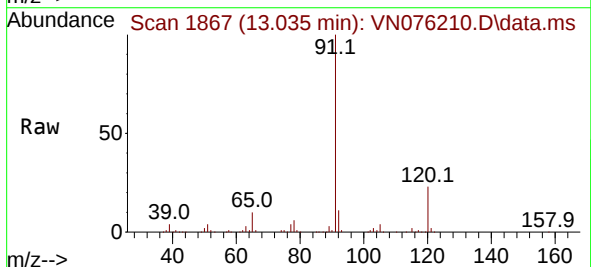
Manual Integrations
APPROVED

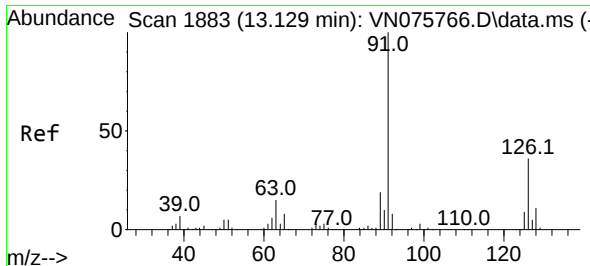
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#78
n-propylbenzene
Concen: 19.094 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Tgt Ion: 91 Resp: 357092
Ion Ratio Lower Upper
91 100
120 23.7 12.0 36.1





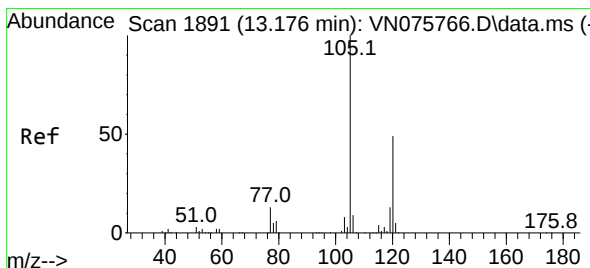
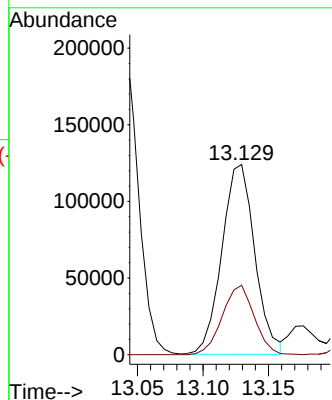
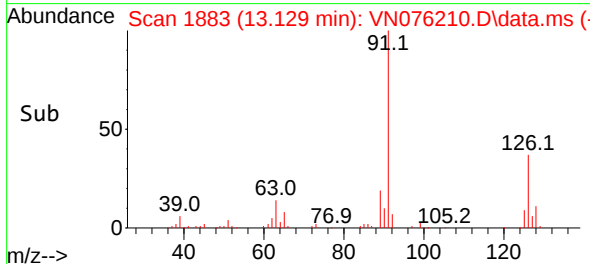
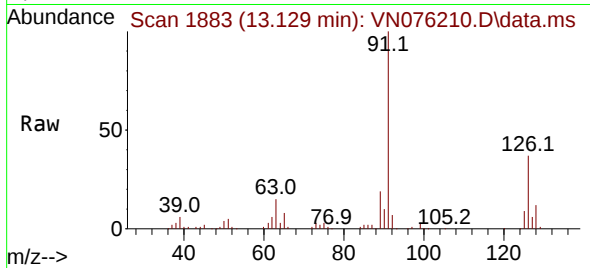
#79
2-Chlorotoluene
Concen: 18.556 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01

Tgt Ion: 91 Resp: 21663
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5

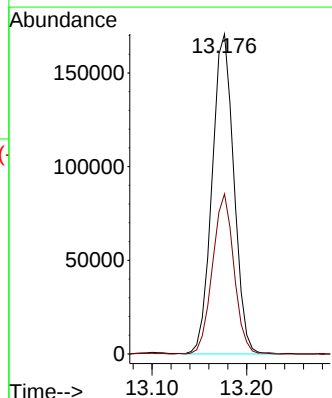
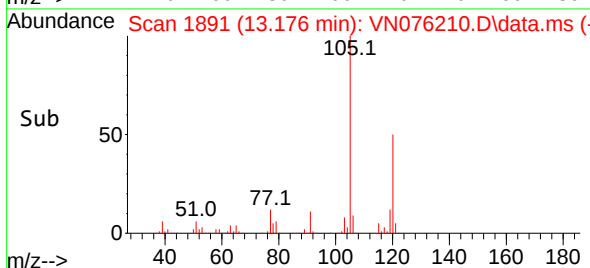
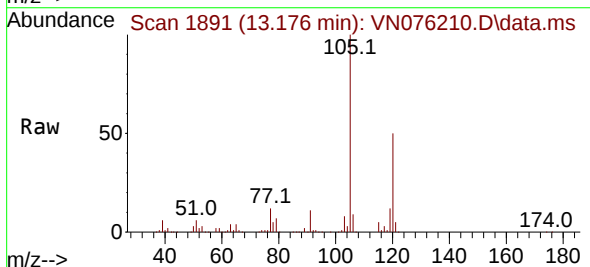
Manual Integrations
APPROVED

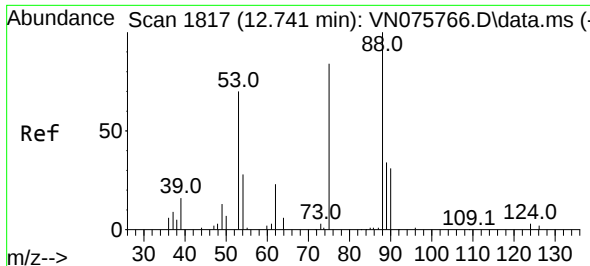
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.260 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

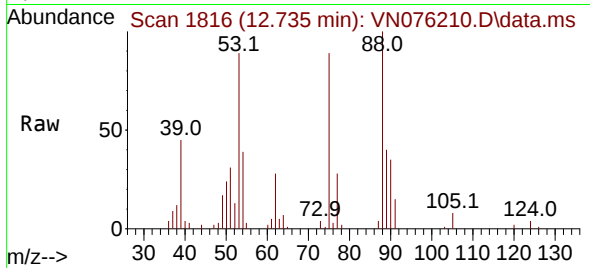
Tgt Ion:105 Resp: 273330
Ion Ratio Lower Upper
105 100
120 49.2 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 17.525 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

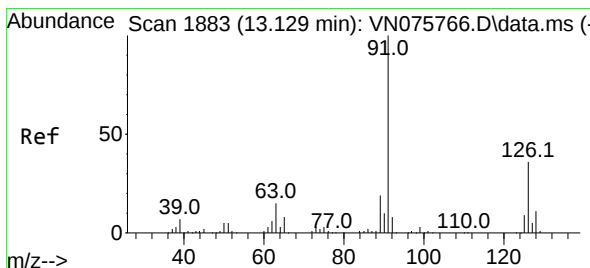
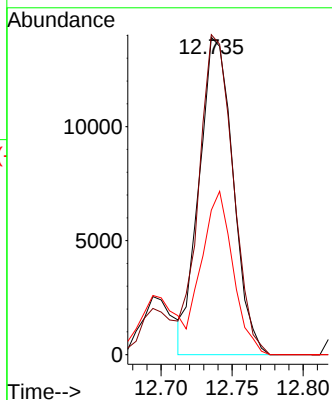
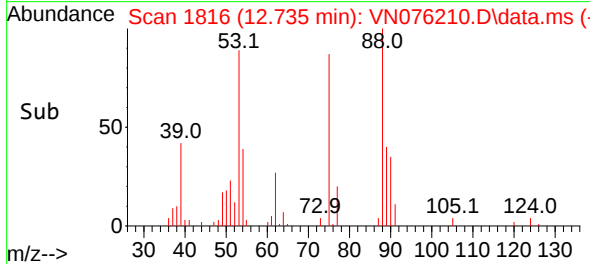
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



Tgt Ion: 75 Resp: 23029
Ion Ratio Lower Upper
75 100
53 101.3 73.8 110.6
89 47.4 39.5 59.3

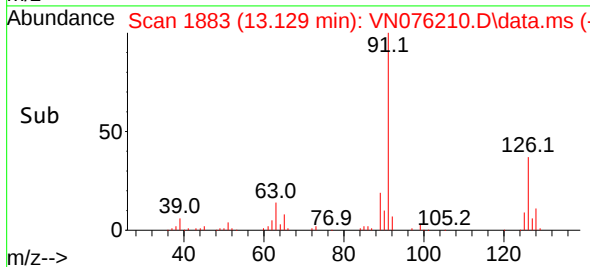
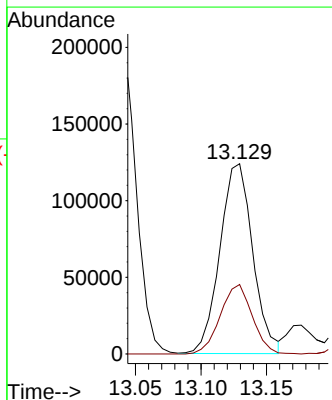
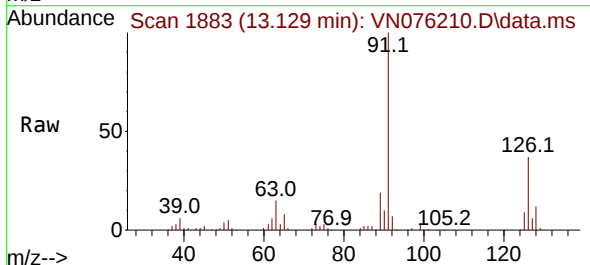
Manual Integrations
APPROVED

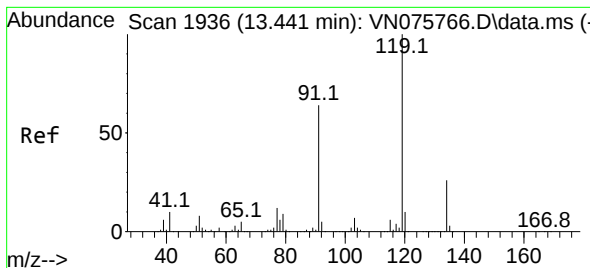
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#82
4-Chlorotoluene
Concen: 18.556 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Tgt Ion: 91 Resp: 216637
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5





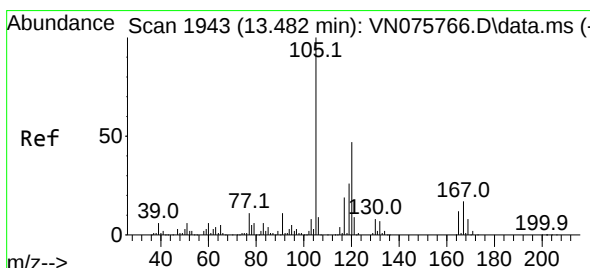
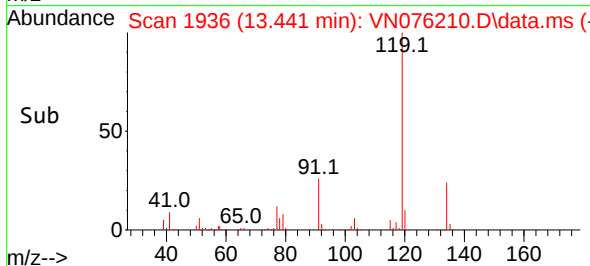
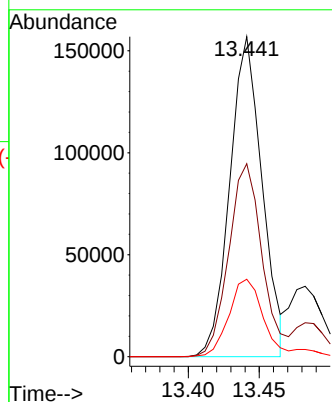
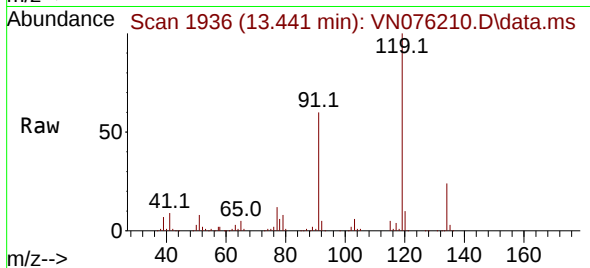
#83
tert-Butylbenzene
Concen: 19.798 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01

Tgt Ion:119 Resp: 24772
Ion Ratio Lower Upper
119 100
91 63.0 31.9 95.5
134 27.2 13.8 41.4

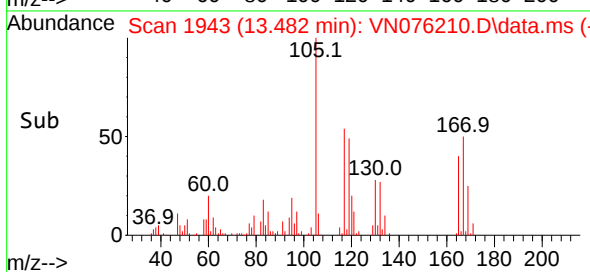
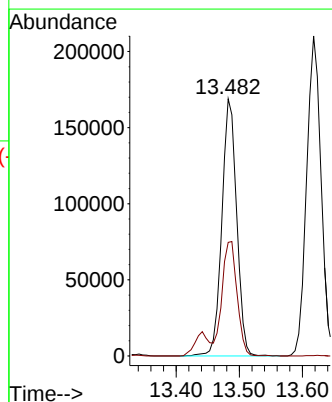
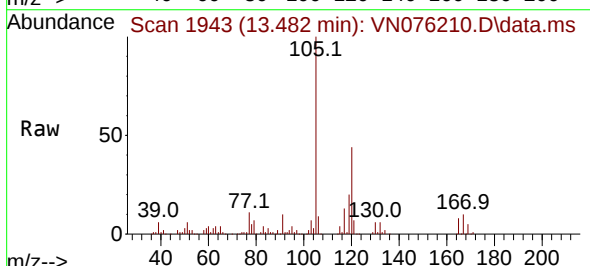
Manual Integrations
APPROVED

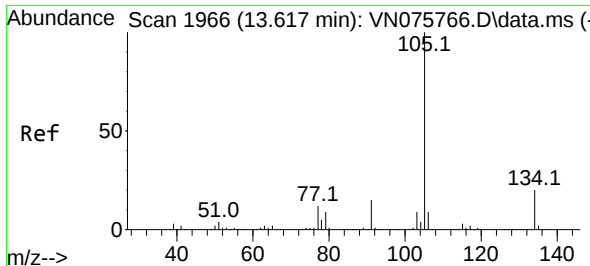
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.589 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Tgt Ion:105 Resp: 275796
Ion Ratio Lower Upper
105 100
120 44.7 23.3 69.8





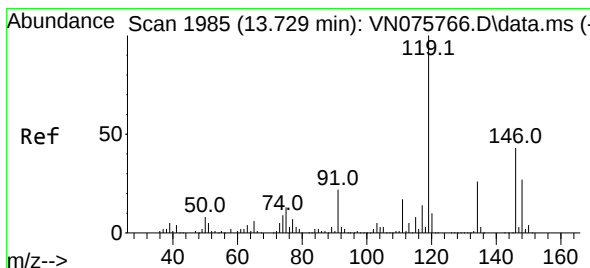
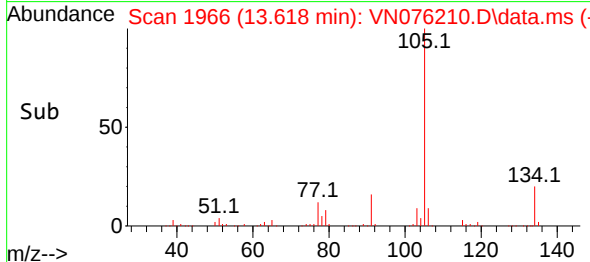
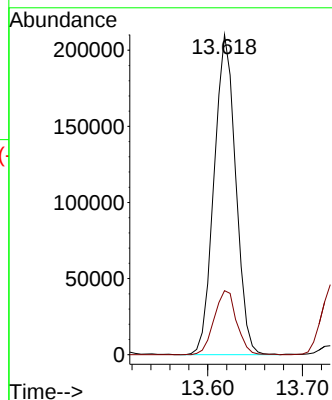
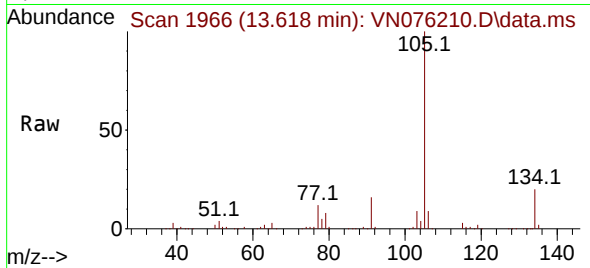
#85
sec-Butylbenzene
Concen: 19.308 ug/l
RT: 13.618 min Scan# 1966
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01

Tgt Ion:105 Resp: 333460
Ion Ratio Lower Upper
105 100
134 20.8 10.1 30.1

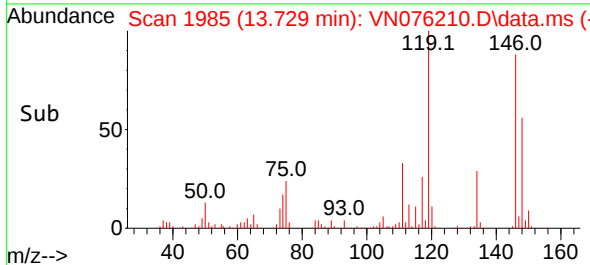
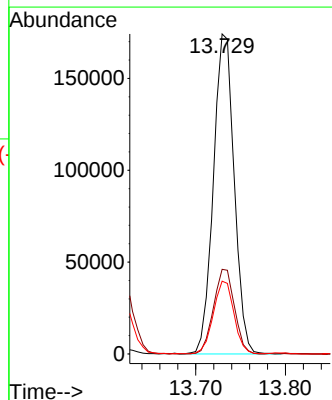
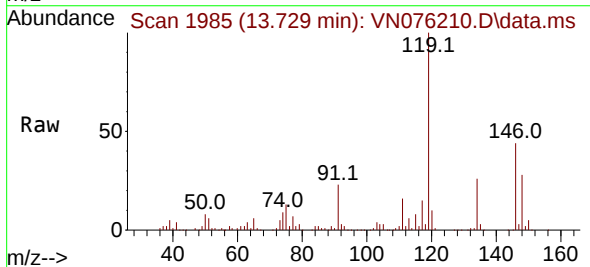
Manual Integrations
APPROVED

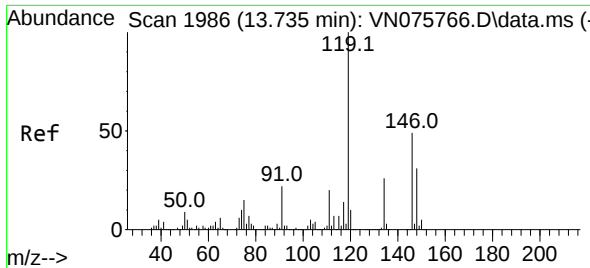
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#86
p-Isopropyltoluene
Concen: 19.529 ug/l
RT: 13.729 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

Tgt Ion:119 Resp: 280637
Ion Ratio Lower Upper
119 100
134 26.6 13.0 39.0
91 22.6 11.2 33.6





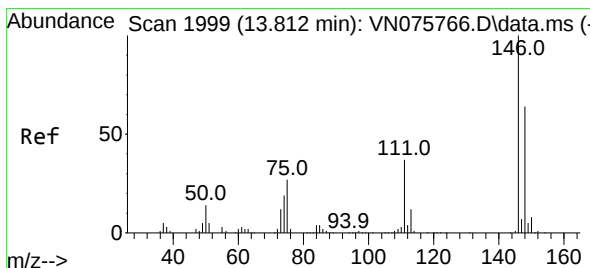
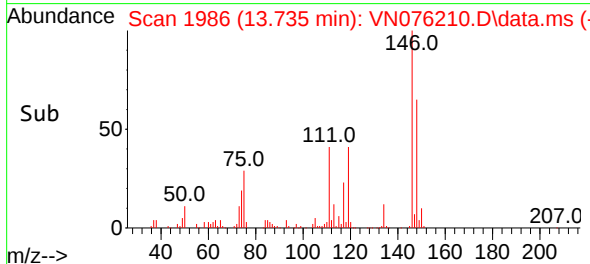
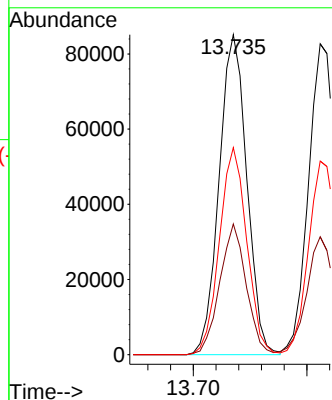
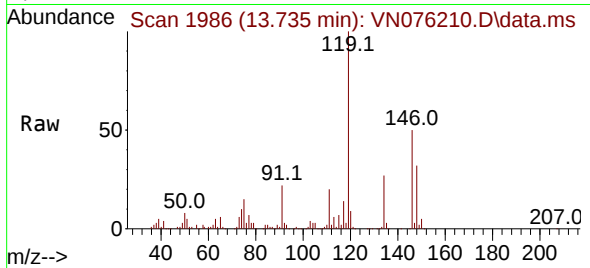
#87
 1,3-Dichlorobenzene
 Concen: 18.194 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076210.D
 Acq: 11 Jan 2023 15:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111MBSD01

Tgt Ion:146 Resp: 144220
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.7 59.0
 148 64.0 31.4 94.2

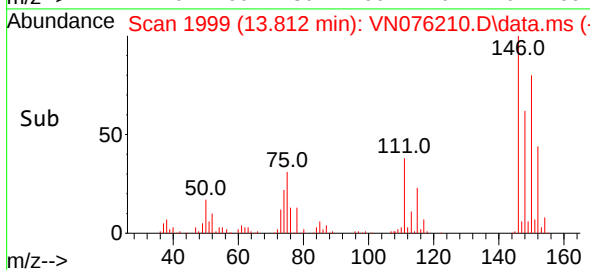
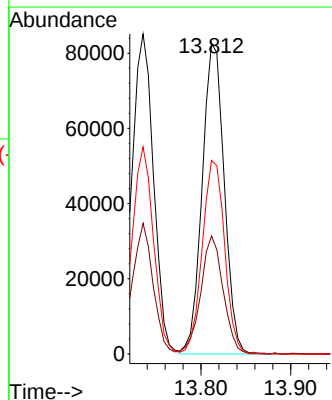
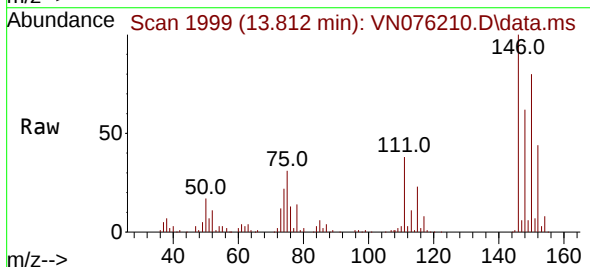
Manual Integrations
 APPROVED

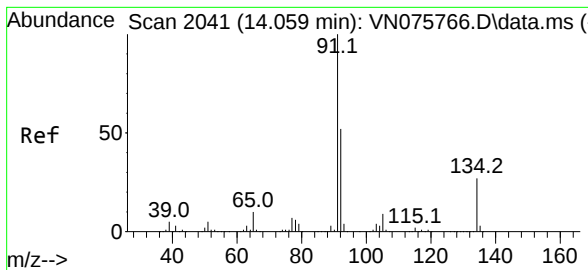
Reviewed By :John Carlone 01/12/2023
 Supervised By :Mahesh Dadoda 01/12/2023



#88
 1,4-Dichlorobenzene
 Concen: 17.437 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN076210.D
 Acq: 11 Jan 2023 15:16

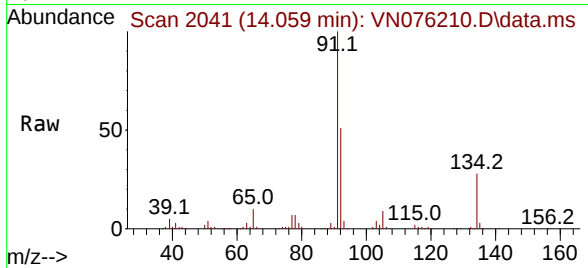
Tgt Ion:146 Resp: 141205
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.1 57.1
 148 63.2 32.0 96.2





#89
n-Butylbenzene
Concen: 18.294 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

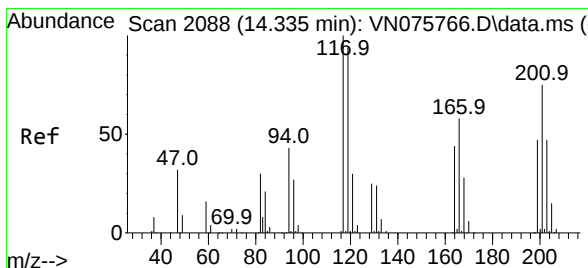
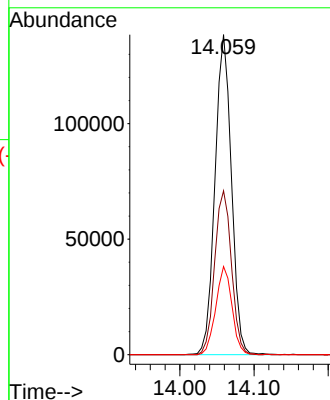
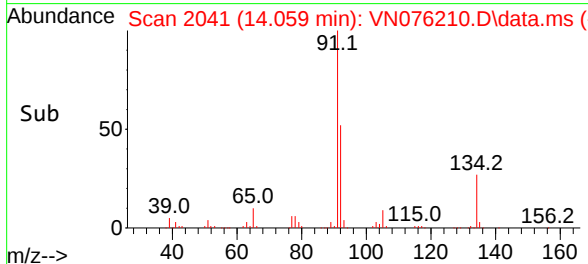
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



Tgt Ion: 91 Resp: 212979
Ion Ratio Lower Upper
91 100
92 52.2 26.4 79.2
134 27.1 13.4 40.2

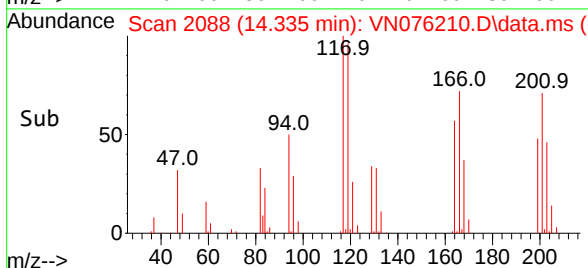
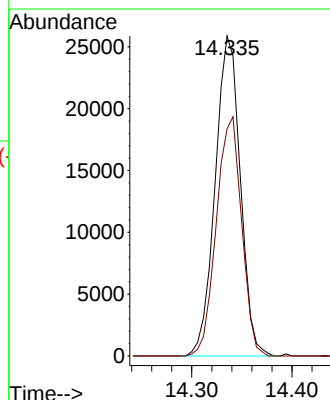
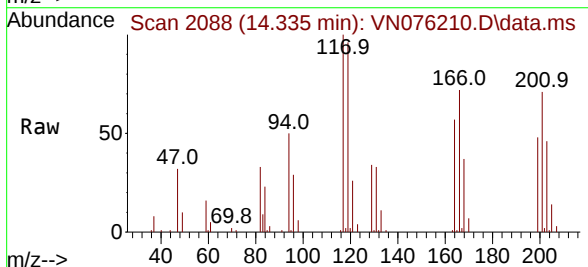
Manual Integrations
APPROVED

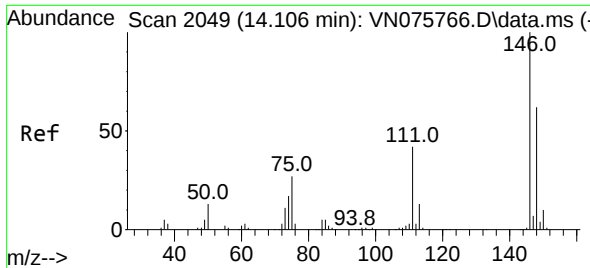
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#90
Hexachloroethane
Concen: 17.547 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

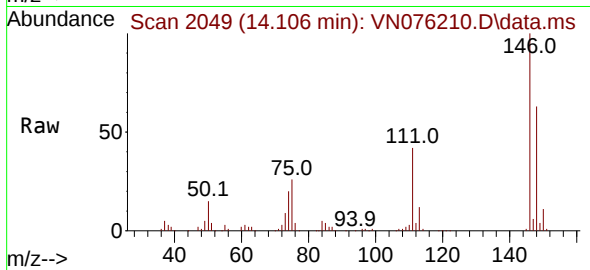
Tgt Ion:117 Resp: 45106
Ion Ratio Lower Upper
117 100
201 74.9 38.0 114.1





#91
1,2-Dichlorobenzene
Concen: 18.405 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

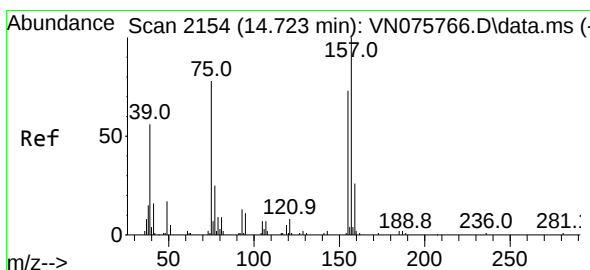
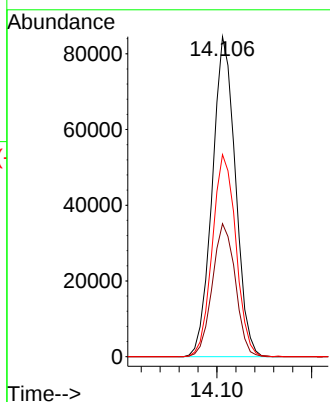
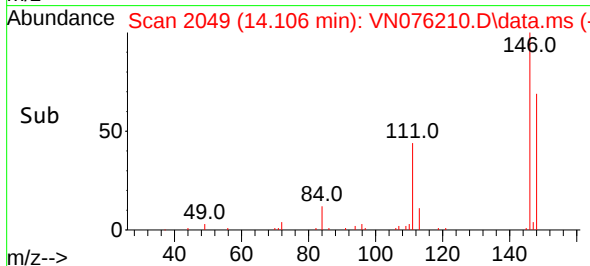
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



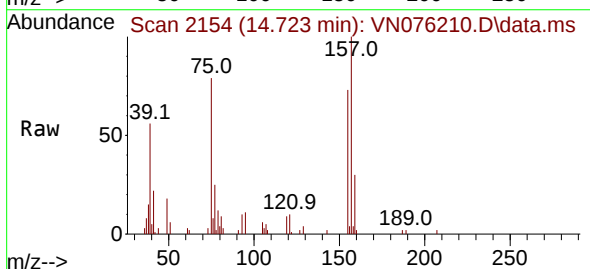
Tgt Ion:146 Resp: 143710
Ion Ratio Lower Upper
146 100
111 41.2 20.3 61.0
148 64.3 31.7 95.1

Manual Integrations
APPROVED

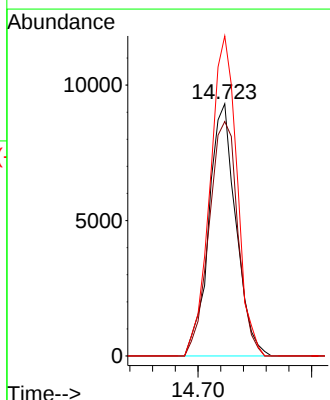
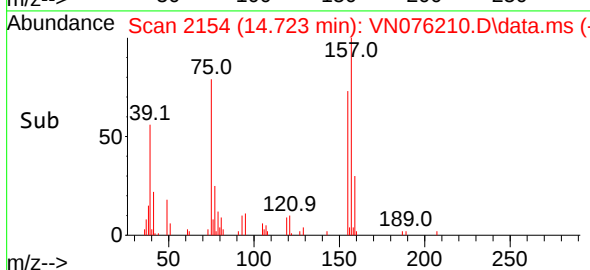
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

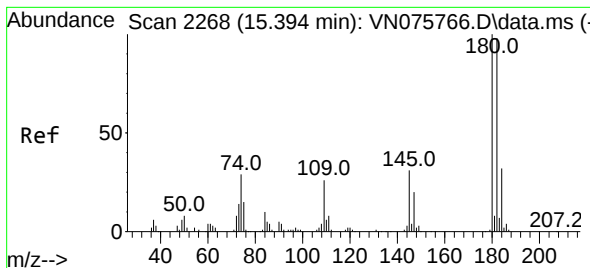


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.576 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16



Tgt Ion: 75 Resp: 15418
Ion Ratio Lower Upper
75 100
155 98.8 49.3 147.8
157 126.1 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 16.838 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.000 min

Lab File: VN076210.D

Acq: 11 Jan 2023 15:16

Instrument :

MSVOA_N

ClientSampleId :

VN0111MBS01

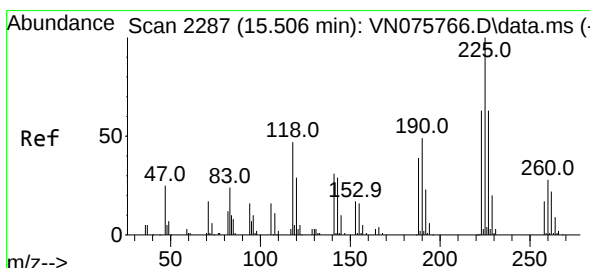
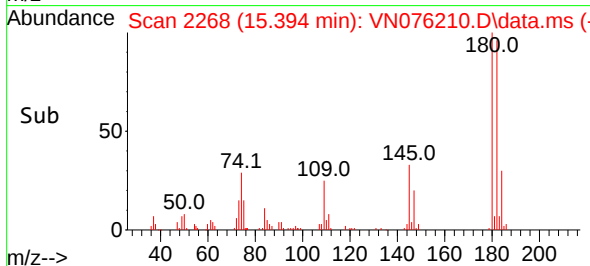
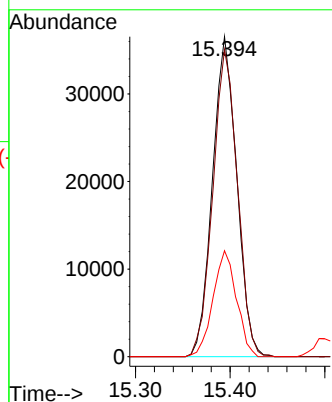
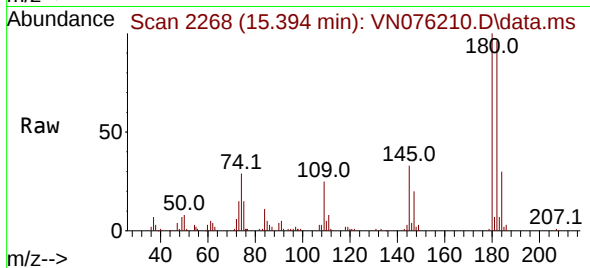
Tgt Ion:180	Resp:	65089
Ion Ratio	Lower	Upper
180	100	
182	97.2	47.5 142.5
145	32.1	15.3 45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#94

Hexachlorobutadiene

Concen: 17.036 ug/l

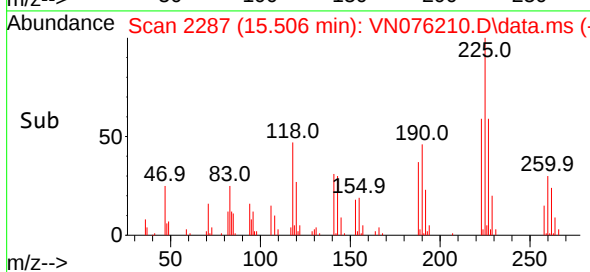
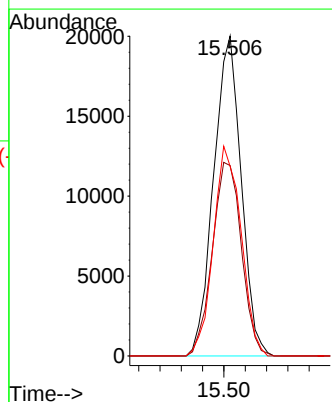
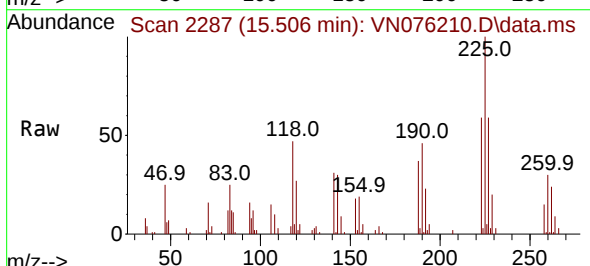
RT: 15.506 min Scan# 2287

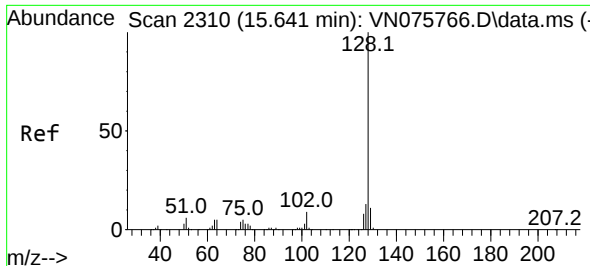
Delta R.T. 0.000 min

Lab File: VN076210.D

Acq: 11 Jan 2023 15:16

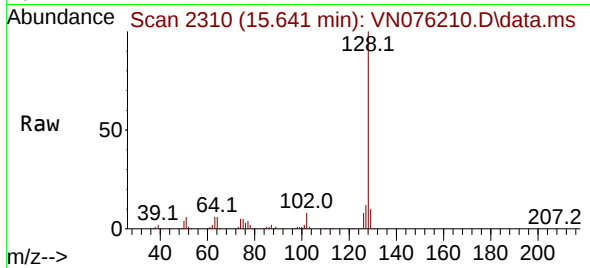
Tgt Ion:225	Resp:	35930
Ion Ratio	Lower	Upper
225	100	
223	63.8	31.5 94.5
227	66.1	31.6 95.0





#95
Naphthalene
Concen: 18.186 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16

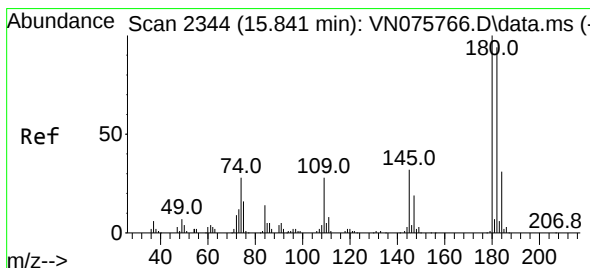
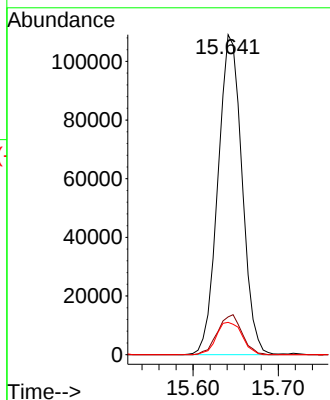
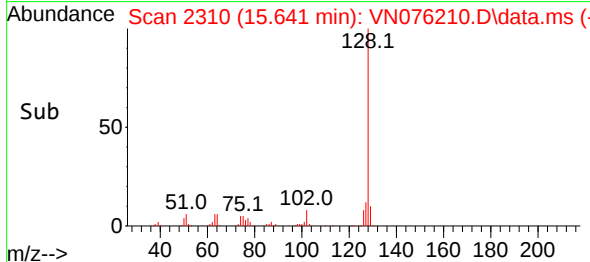
Instrument :
MSVOA_N
ClientSampleId :
VN0111MBSD01



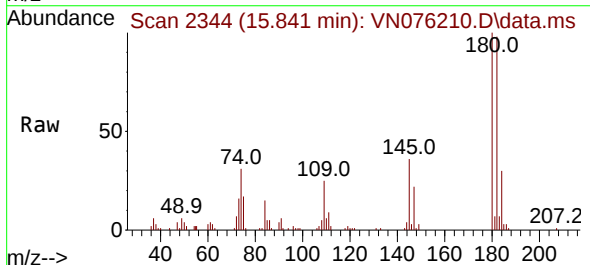
Tgt Ion:128 Resp: 21374
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.192 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN076210.D
Acq: 11 Jan 2023 15:16



Tgt Ion:180 Resp: 65726
Ion Ratio Lower Upper
180 100
182 96.9 47.0 141.0
145 32.9 16.0 47.9

