

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120122\
 Data File : VN075521.D
 Acq On : 01 Dec 2022 17:54
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/02/2022
 Supervised By : Mahesh Dadoda 12/02/2022

Quant Time: Dec 02 04:38:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	164962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	259096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	41856	47.269	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.540%			
35) Dibromofluoromethane	8.171	113	54586	53.631	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.260%			
50) Toluene-d8	10.571	98	118111	51.523	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.040%			
62) 4-Bromofluorobenzene	12.847	95	91549	54.106	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.220%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	69216	54.872	ug/l	95
3) Chloromethane	2.371	50	74787	47.649	ug/l	99
4) Vinyl Chloride	2.524	62	99052	50.074	ug/l	93
5) Bromomethane	2.918	94	88461	50.855	ug/l	94
6) Chloroethane	3.095	64	76483	51.028	ug/l	89
7) Trichlorofluoromethane	3.489	101	140749	49.807	ug/l	96
8) Diethyl Ether	3.971	74	50436	50.923	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	79568	51.004	ug/l	91
10) Methyl Iodide	4.595	142	133922	52.978	ug/l	95
11) Tert butyl alcohol	5.536	59	80976	217.841	ug/l	99
12) 1,1-Dichloroethene	4.342	96	77117	50.481	ug/l	91
13) Acrolein	4.189	56	90303	278.860	ug/l	97
14) Allyl chloride	5.024	41	99060	50.131	ug/l	95
15) Acrylonitrile	5.724	53	204084	239.303	ug/l	98
16) Acetone	4.436	43	162720	197.010	ug/l	93
17) Carbon Disulfide	4.712	76	181637	45.752	ug/l	98
18) Methyl Acetate	5.036	43	105492	50.681	ug/l	95
19) Methyl tert-butyl Ether	5.800	73	267272	49.389	ug/l	99
20) Methylene Chloride	5.283	84	88331	52.811	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	83860	48.169	ug/l	93
22) Diisopropyl ether	6.683	45	218636	48.486	ug/l	97
23) Vinyl Acetate	6.612	43	878313m	244.832	ug/l	
24) 1,1-Dichloroethane	6.577	63	142709	49.305	ug/l	98
25) 2-Butanone	7.489	43	256498	222.437	ug/l	99
26) 2,2-Dichloropropane	7.494	77	130733	48.600	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	100124	50.861	ug/l	93
28) Bromochloromethane	7.818	49	54595	46.469	ug/l #	81
29) Tetrahydrofuran	7.847	42	166683	237.640	ug/l	97
30) Chloroform	7.971	83	160536	48.299	ug/l	98
31) Cyclohexane	8.259	56	127744	45.407	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	151063	50.055	ug/l	95
36) 1,1-Dichloropropene	8.371	75	116912	52.672	ug/l	96
37) Ethyl Acetate	7.565	43	100889	50.480	ug/l	97
38) Carbon Tetrachloride	8.365	117	133710	54.838	ug/l	99
39) Methylcyclohexane	9.600	83	153469	55.245	ug/l	93
40) Benzene	8.612	78	360699	53.077	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	54850	53.680	ug/l	97
42) 1,2-Dichloroethane	8.677	62	117390	51.577	ug/l	96
43) Isopropyl Acetate	8.694	43	167023	52.064	ug/l	95
44) Trichloroethene	9.353	130	100310	53.945	ug/l	93
45) 1,2-Dichloropropane	9.624	63	82783	51.117	ug/l	97
46) Dibromomethane	9.712	93	64887	52.972	ug/l #	87
47) Bromodichloromethane	9.888	83	124526	52.495	ug/l	100
48) Methyl methacrylate	9.683	41	75773	51.082	ug/l	93
49) 1,4-Dioxane	9.700	88	43142	1024.239	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	531853	260.298	ug/l	96
52) Toluene	10.630	92	241487	55.143	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	132072	55.459	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	144403	55.830	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	96119	53.889	ug/l	94
56) Ethyl methacrylate	10.877	69	136319	56.593	ug/l	97
57) 1,3-Dichloropropane	11.165	76	151411	52.062	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	230559	265.395	ug/l	95
59) 2-Hexanone	11.194	43	398275	259.584	ug/l	96
60) Dibromochloromethane	11.359	129	104815	57.250	ug/l	99
61) 1,2-Dibromoethane	11.471	107	101061	54.589	ug/l	98
64) Tetrachloroethene	11.106	164	91090	49.638	ug/l	91
65) Chlorobenzene	11.894	112	262387	52.873	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	98876	53.384	ug/l	98
67) Ethyl Benzene	11.965	91	465397	54.969	ug/l	97
68) m/p-Xylenes	12.071	106	380314	110.616	ug/l	99
69) o-Xylene	12.400	106	184660	54.057	ug/l	100
70) Styrene	12.412	104	306114	56.805	ug/l	98
71) Bromoform	12.582	173	80138	56.849	ug/l #	99
73) Isopropylbenzene	12.700	105	493091	52.905	ug/l	99
74) N-amyl acetate	12.494	43	152866	53.350	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	143757	50.591	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	122743m	50.888	ug/l	
77) Bromobenzene	12.982	156	120010	52.156	ug/l	84
78) n-propylbenzene	13.035	91	551375	53.009	ug/l	98
79) 2-Chlorotoluene	13.124	91	327533	52.262	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	423665	54.713	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	43090m	52.857	ug/l	
82) 4-Chlorotoluene	13.124	91	327533	52.262	ug/l	95
83) tert-Butylbenzene	13.441	119	375441	53.178	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	423003	54.461	ug/l	99
85) sec-Butylbenzene	13.618	105	528906	55.212	ug/l	99
86) p-Isopropyltoluene	13.729	119	453716	56.293	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	226101	51.862	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	221830	50.090	ug/l	99
89) n-Butylbenzene	14.059	91	361375	53.086	ug/l	98
90) Hexachloroethane	14.335	117	75687	54.434	ug/l	80
91) 1,2-Dichlorobenzene	14.106	146	222591	52.379	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	27344	50.800	ug/l	80
93) 1,2,4-Trichlorobenzene	15.394	180	119318	54.789	ug/l	98
94) Hexachlorobutadiene	15.506	225	60666	53.481	ug/l	99
95) Naphthalene	15.641	128	368493	53.785	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	115130	53.789	ug/l	97

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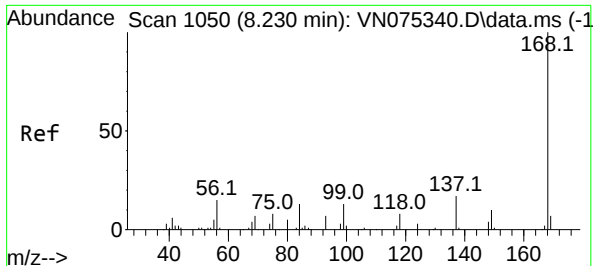
Manual Integrations
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration

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



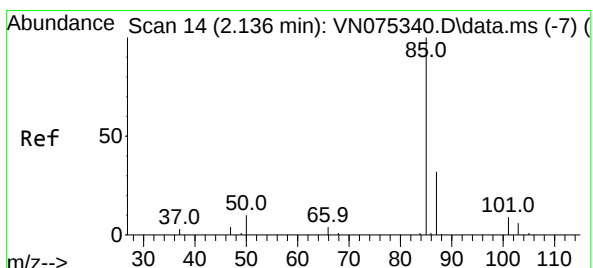
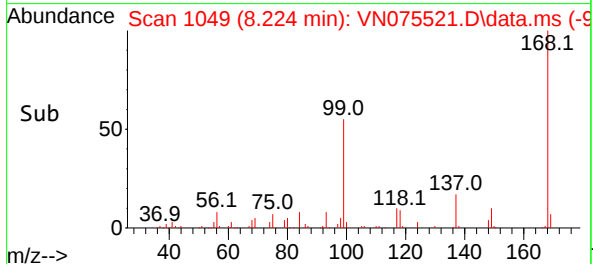
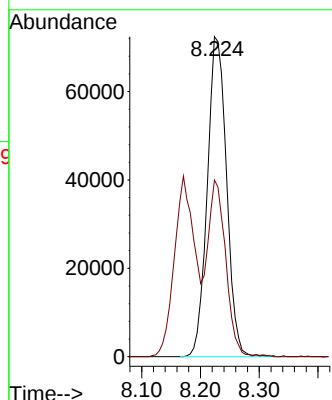
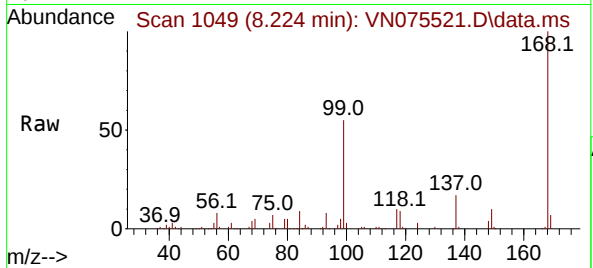
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN075521.D
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MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 164962
Ion Ratio Lower Upper
168 100
99 55.2 51.6 77.4

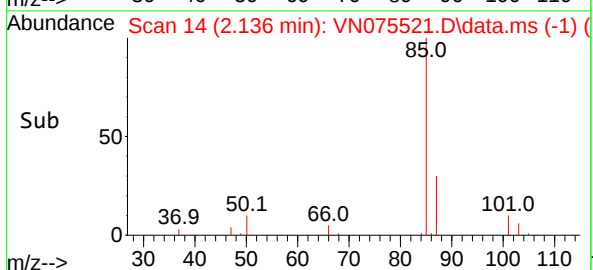
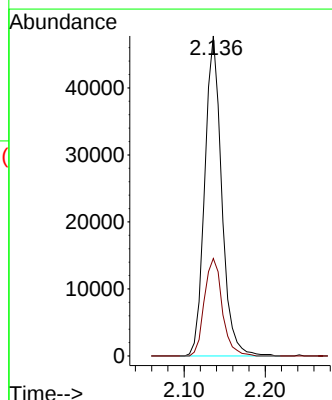
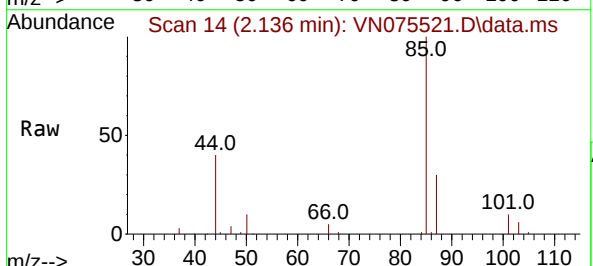
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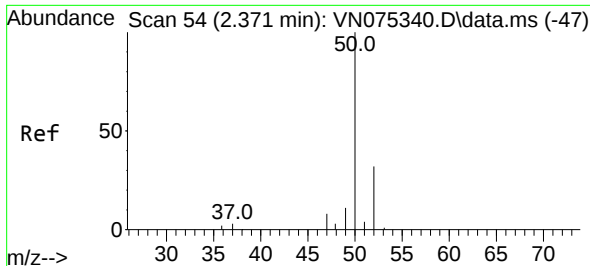
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#2
Dichlorodifluoromethane
Concen: 54.872 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

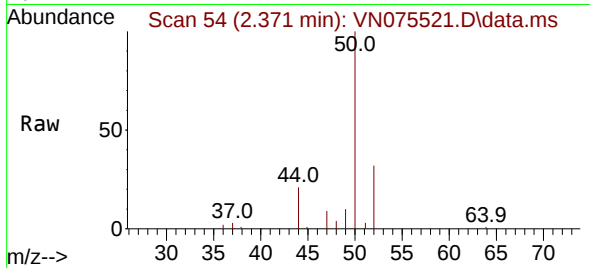
Tgt Ion: 85 Resp: 69216
Ion Ratio Lower Upper
85 100
87 30.5 16.7 50.0





#3
Chloromethane
Concen: 47.649 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

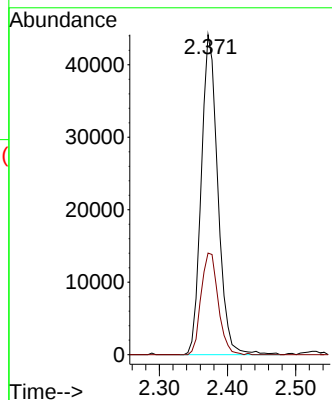
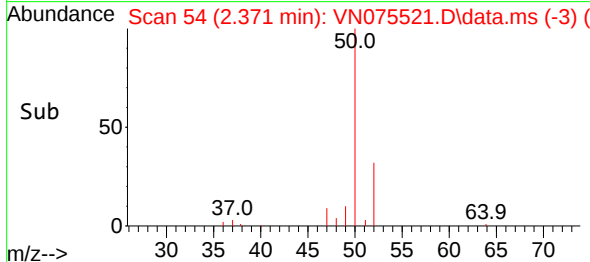
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 7478
Ion Ratio Lower Upper
50 100
52 31.8 25.8 38.6

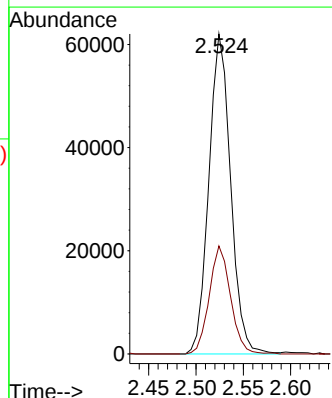
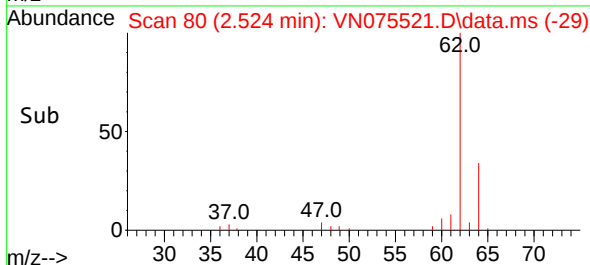
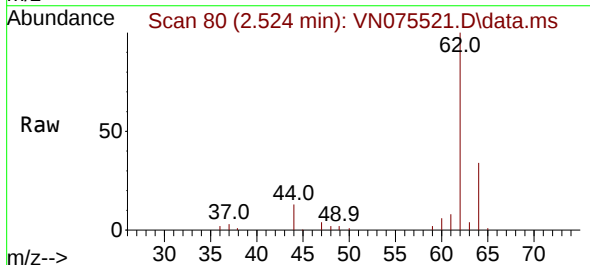
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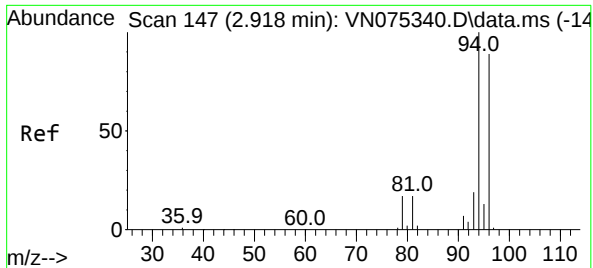
Reviewed By :John Carlone 12/02/2022
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#4
Vinyl Chloride
Concen: 50.074 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075521.D
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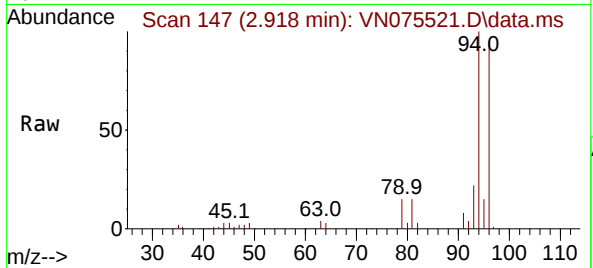
Tgt Ion: 62 Resp: 99052
Ion Ratio Lower Upper
62 100
64 33.8 24.0 36.0





#5
Bromomethane
Concen: 50.855 ug/l
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

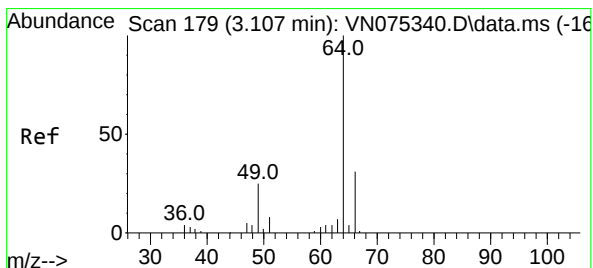
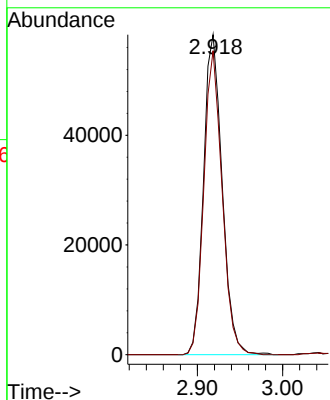
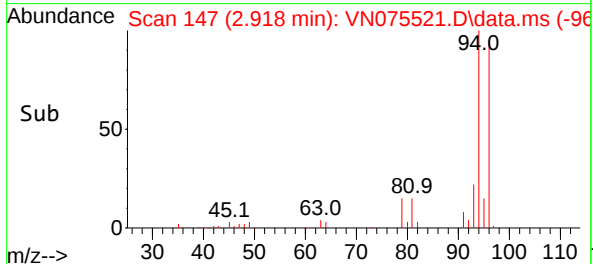
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Tgt Ion: 94 Resp: 88463
Ion Ratio Lower Upper
94 100
96 95.0 71.8 107.6

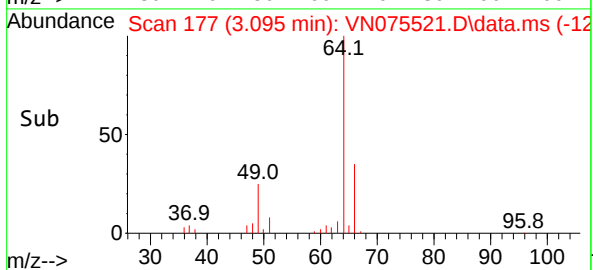
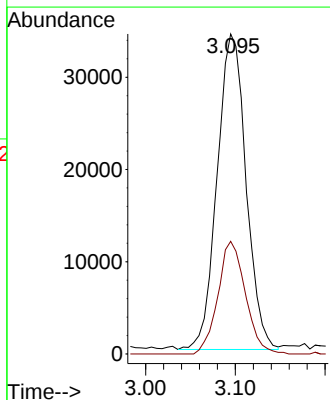
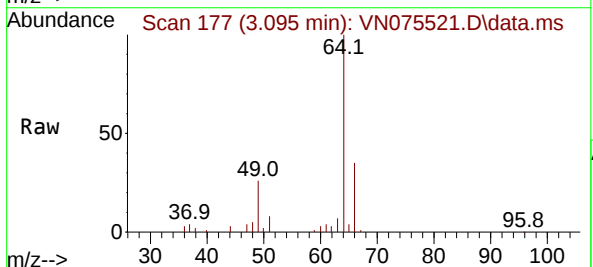
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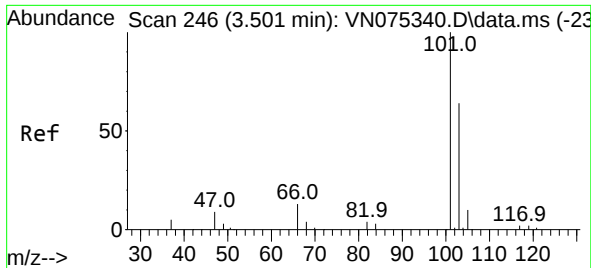
Reviewed By :John Carlone 12/02/2022
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#6
Chloroethane
Concen: 51.028 ug/l
RT: 3.095 min Scan# 177
Delta R.T. -0.012 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

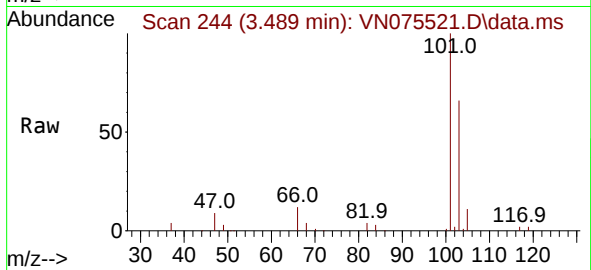
Tgt Ion: 64 Resp: 76483
Ion Ratio Lower Upper
64 100
66 35.7 23.8 35.8





#7
 Trichlorofluoromethane
 Concen: 49.807 ug/l
 RT: 3.489 min Scan# 246
 Delta R.T. -0.012 min
 Lab File: VN075521.D
 Acq: 01 Dec 2022 17:54

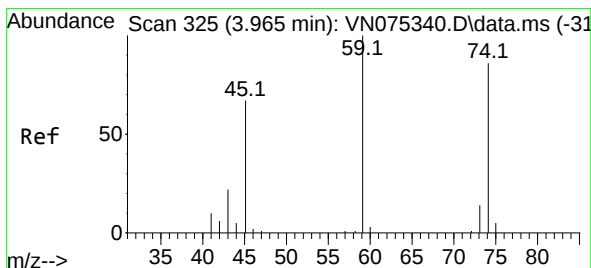
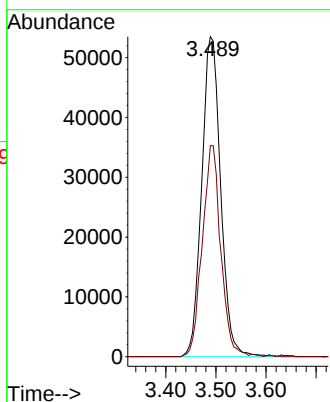
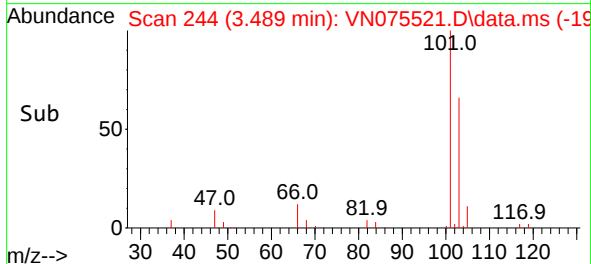
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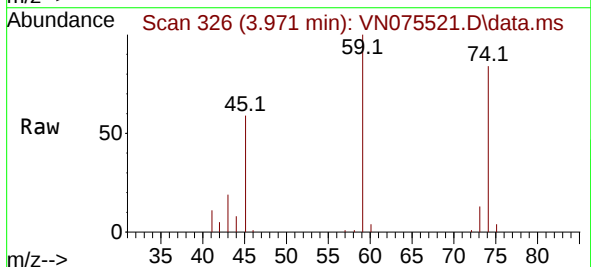
Tgt Ion:101 Resp: 140749
 Ion Ratio Lower Upper
 101 100
 103 65.9 50.5 75.7

Manual Integrations
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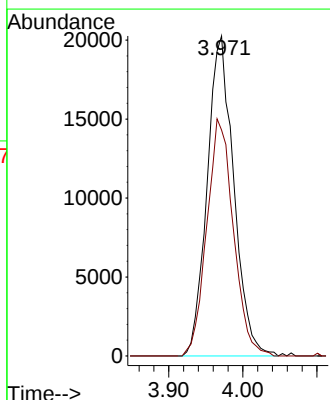
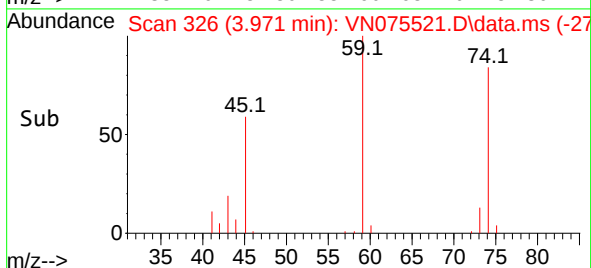
Reviewed By :John Carlone 12/02/2022
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#8
 Diethyl Ether
 Concen: 50.923 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.006 min
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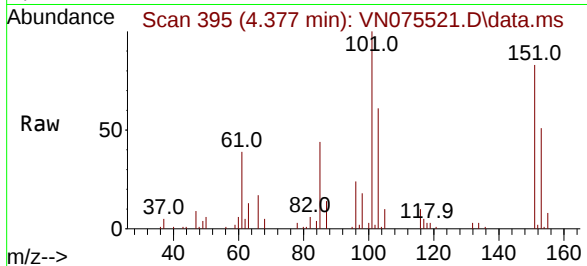
Tgt Ion: 74 Resp: 50436
 Ion Ratio Lower Upper
 74 100
 45 74.3 39.3 117.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.004 ug/l
RT: 4.377 min Scan# 395
Delta R.T. 0.000 min
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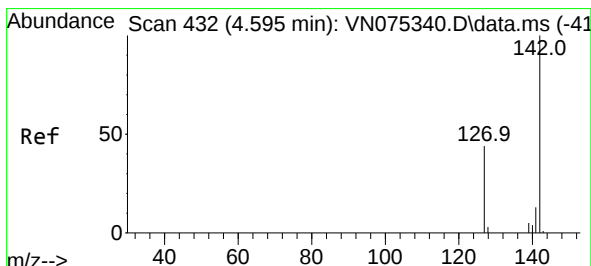
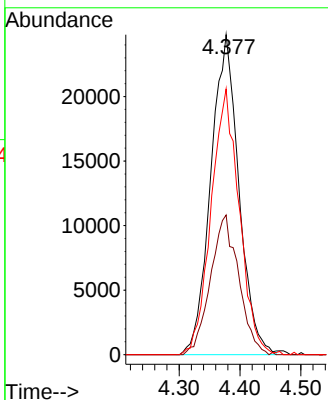
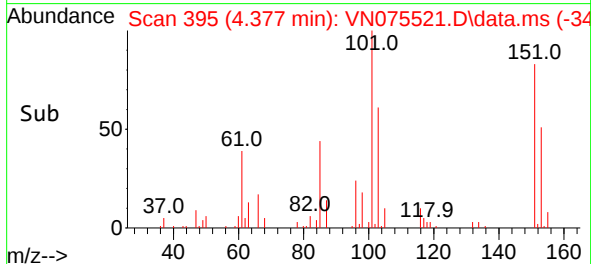
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ClientSampleId :
VSTDCCC050EC



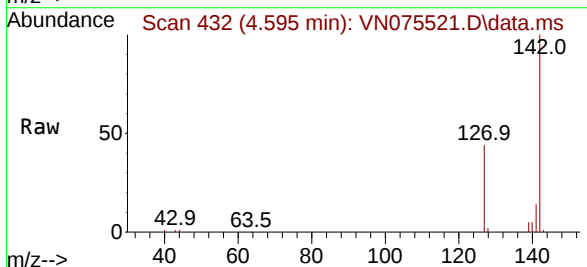
Tgt Ion:101 Resp: 7956
Ion Ratio Lower Upper
101 100
85 43.9 37.6 56.4
151 83.0 58.3 87.5

Manual Integrations
APPROVED

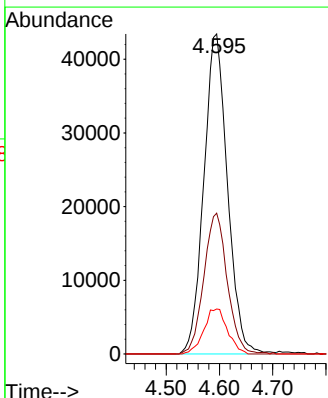
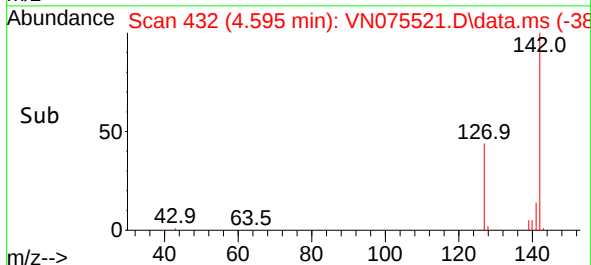
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#10
Methyl Iodide
Concen: 52.978 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54



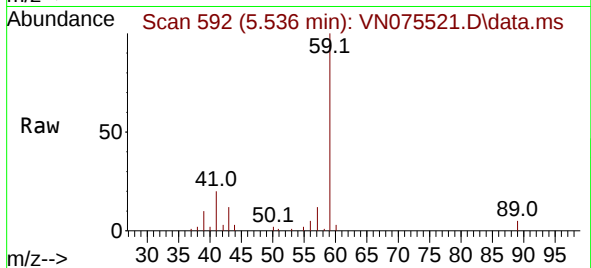
Tgt Ion:142 Resp: 133922
Ion Ratio Lower Upper
142 100
127 43.6 38.0 57.0
141 14.1 12.2 18.4





#11
Tert butyl alcohol
Concen: 217.841 ug/l
RT: 5.536 min Scan# 593
Delta R.T. -0.006 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

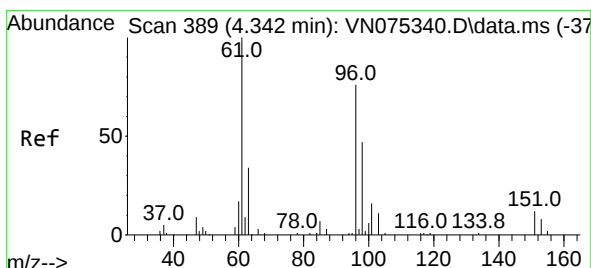
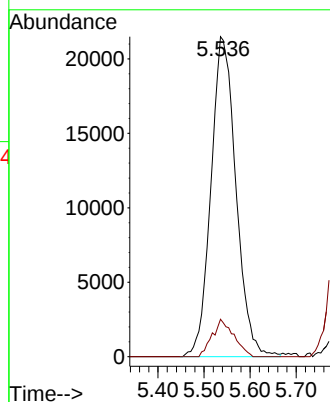
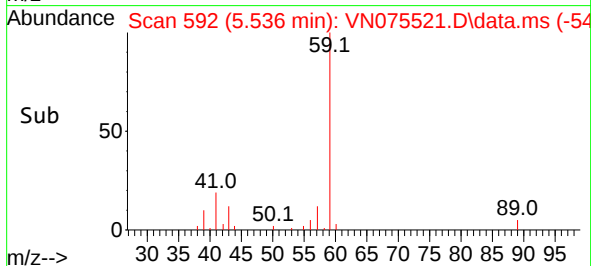
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



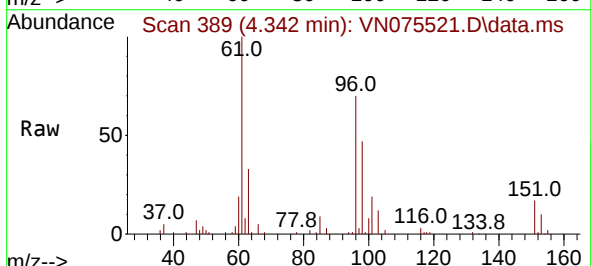
Tgt Ion: 59 Resp: 80970
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7

Manual Integrations
APPROVED

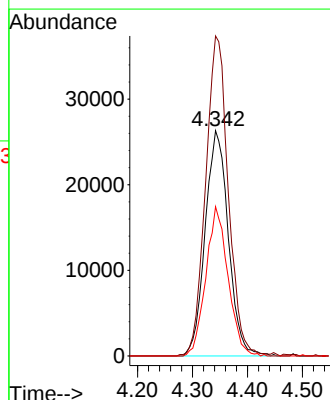
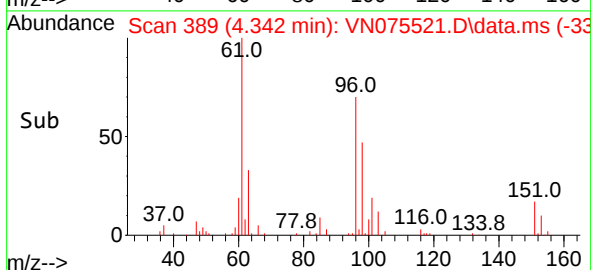
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

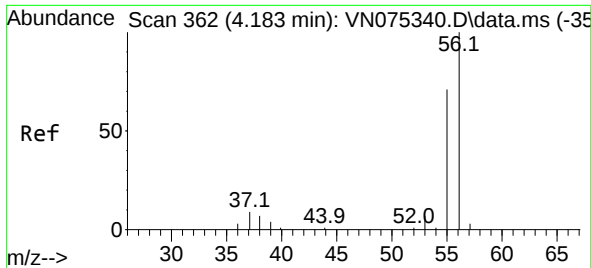


#12
1,1-Dichloroethene
Concen: 50.481 ug/l
RT: 4.342 min Scan# 389
Delta R.T. -0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54



Tgt Ion: 96 Resp: 77117
Ion Ratio Lower Upper
96 100
61 142.0 126.2 189.4
98 66.3 51.5 77.3





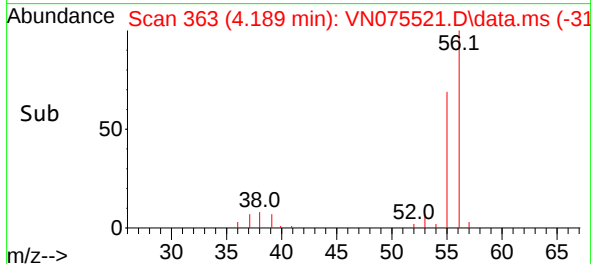
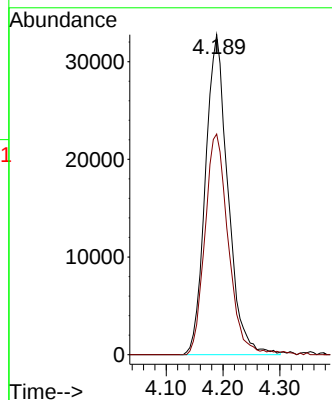
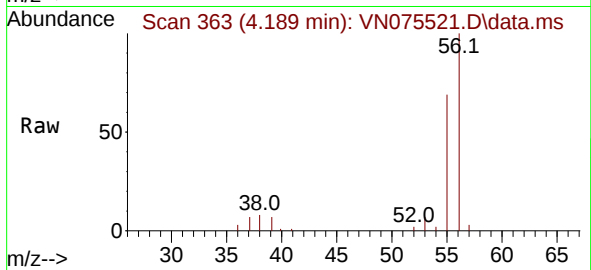
#13
Acrolein
Concen: 278.860 ug/l
RT: 4.189 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 9030
Ion Ratio Lower Upper
56 100
55 71.7 55.2 82.8

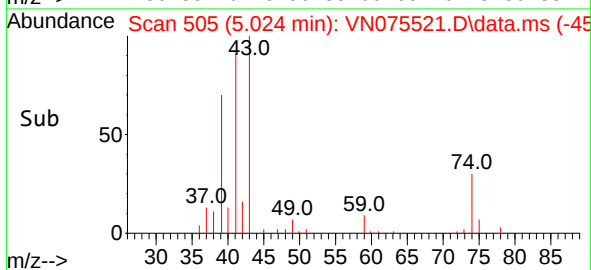
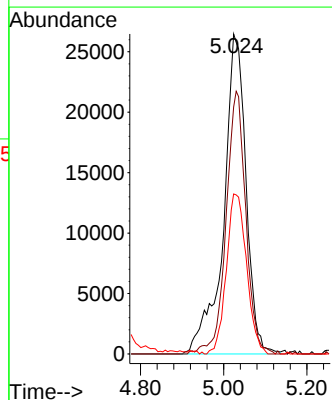
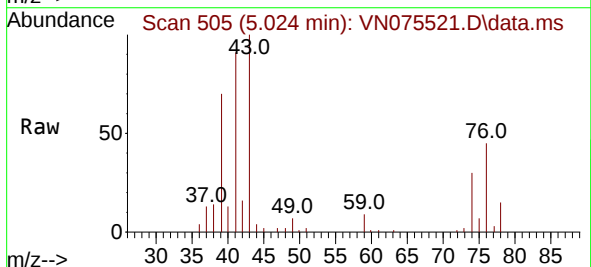
Manual Integrations
APPROVED

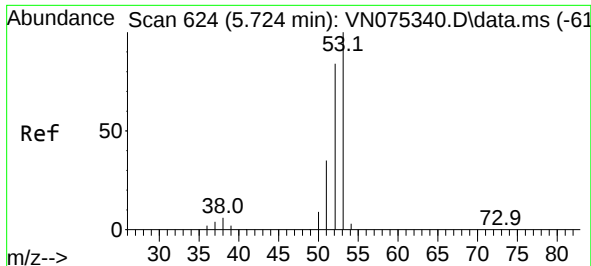
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#14
Allyl chloride
Concen: 50.131 ug/l
RT: 5.024 min Scan# 505
Delta R.T. -0.012 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

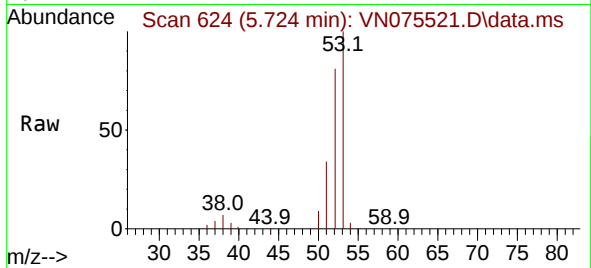
Tgt Ion: 41 Resp: 99060
Ion Ratio Lower Upper
41 100
39 72.2 61.0 91.4
76 45.1 33.4 50.0





#15
Acrylonitrile
Concen: 239.303 ug/l
RT: 5.724 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

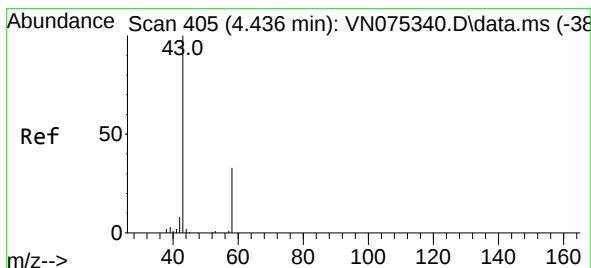
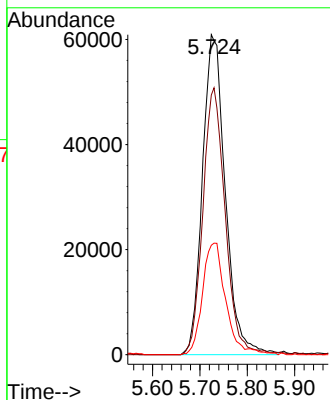
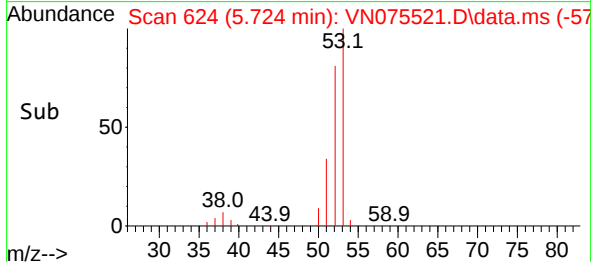
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 204084
Ion Ratio Lower Upper
53 100
52 81.4 66.4 99.6
51 35.5 29.6 44.4

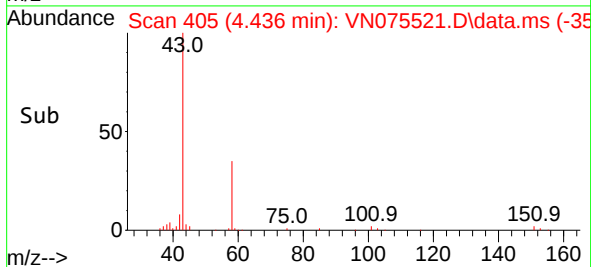
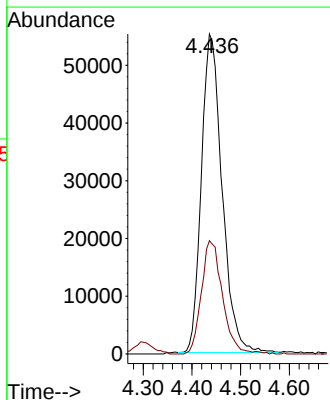
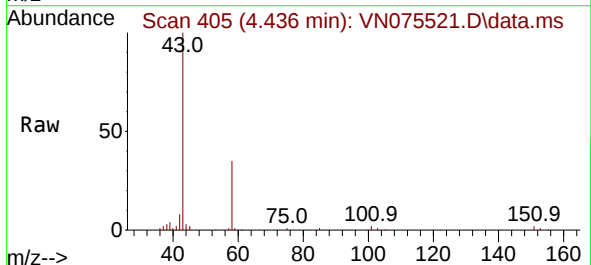
Manual Integrations
APPROVED

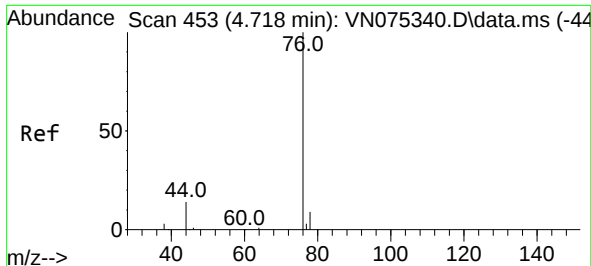
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#16
Acetone
Concen: 197.010 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

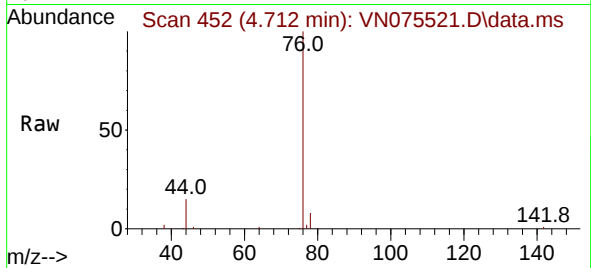
Tgt Ion: 43 Resp: 162720
Ion Ratio Lower Upper
43 100
58 35.5 25.5 38.3





#17
Carbon Disulfide
Concen: 45.752 ug/l
RT: 4.712 min Scan# 453
Delta R.T. -0.006 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

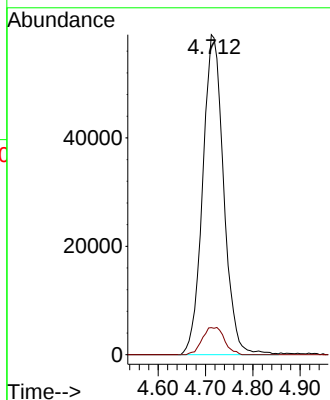
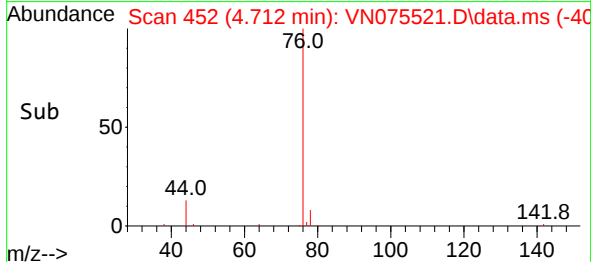
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 18163
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2

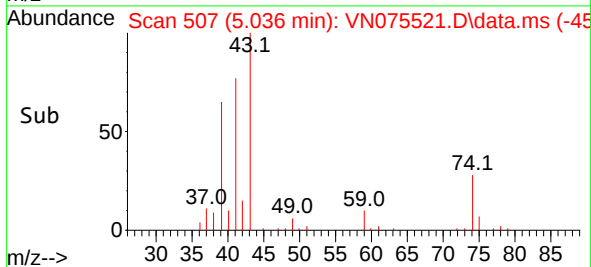
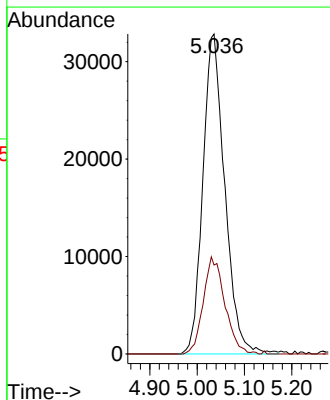
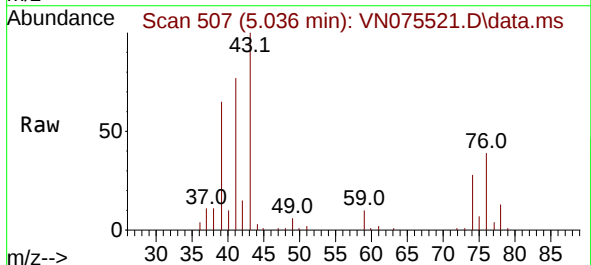
Manual Integrations
APPROVED

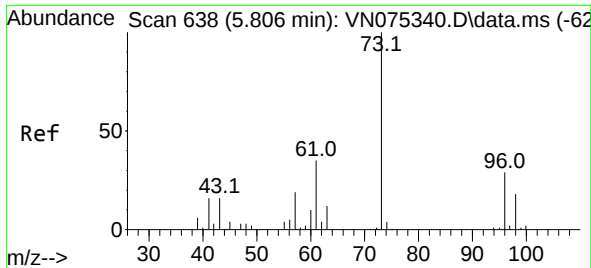
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#18
Methyl Acetate
Concen: 50.681 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

Tgt Ion: 43 Resp: 105492
Ion Ratio Lower Upper
43 100
74 29.9 22.0 33.0





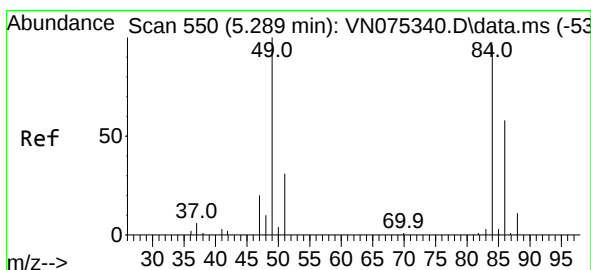
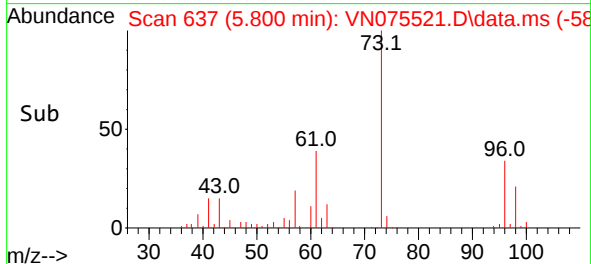
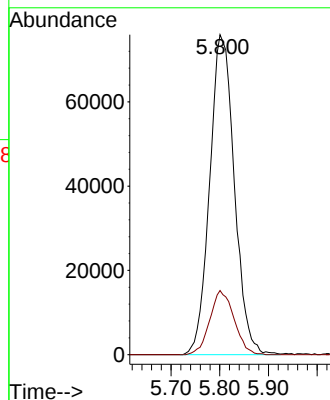
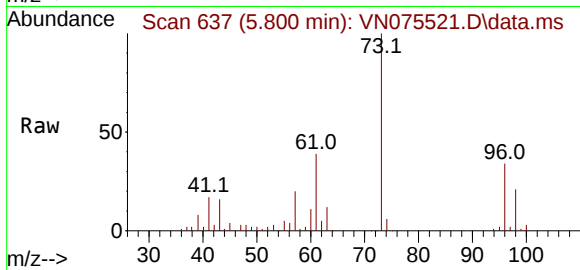
#19
Methyl tert-butyl Ether
Concen: 49.389 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 267272
Ion Ratio Lower Upper
73 100
57 20.0 16.3 24.5

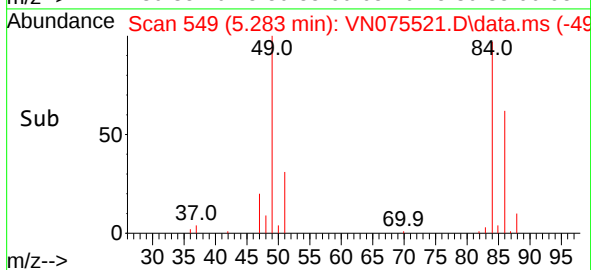
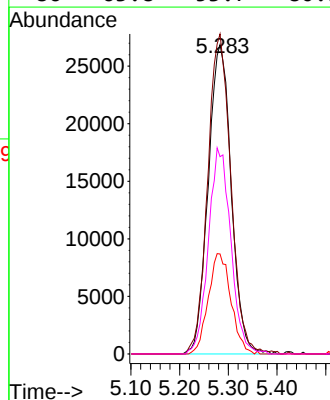
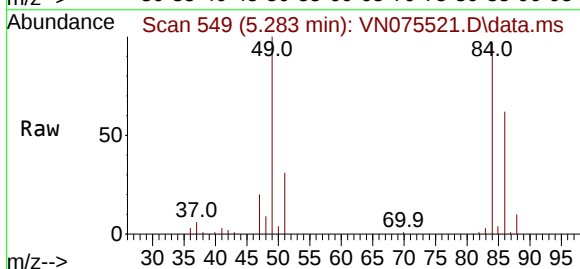
Manual Integrations
APPROVED

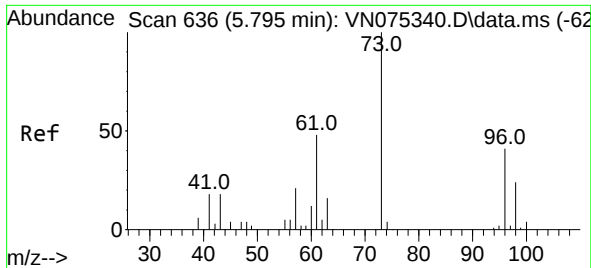
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#20
Methylene Chloride
Concen: 52.811 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

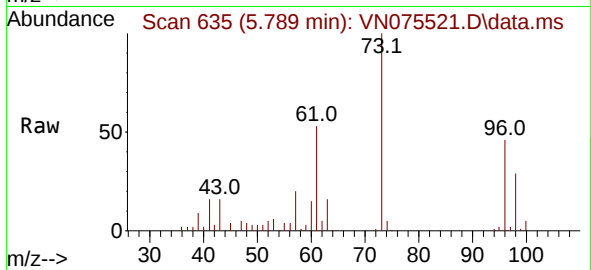
Tgt Ion: 84 Resp: 88331
Ion Ratio Lower Upper
84 100
49 103.5 94.9 142.3
51 32.3 26.8 40.2
86 63.8 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 48.169 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

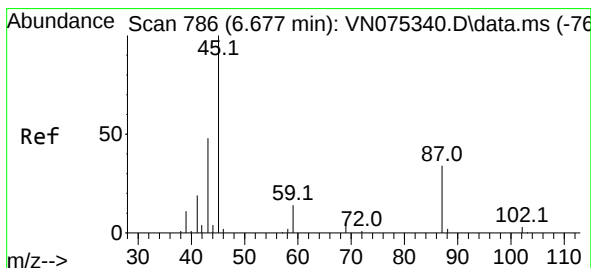
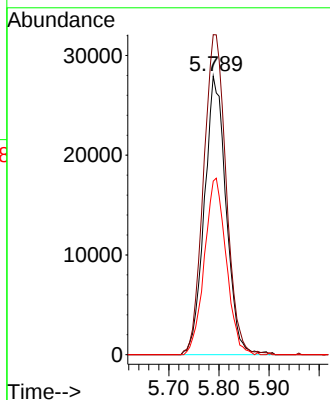
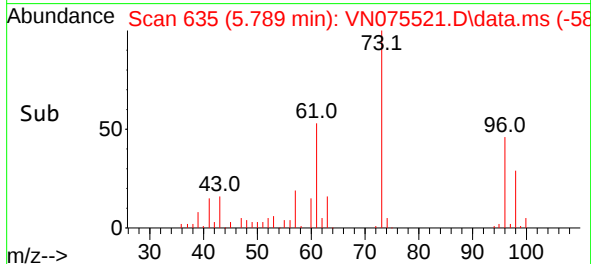
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



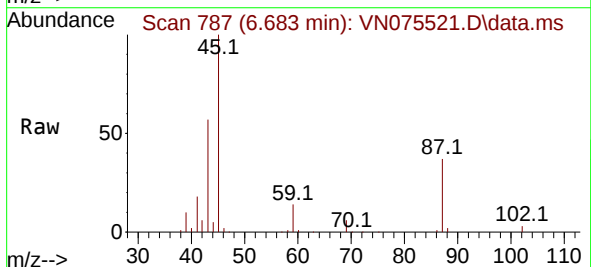
Tgt Ion: 96 Resp: 83860
Ion Ratio Lower Upper
96 100
61 114.9 99.9 149.9
98 62.3 51.5 77.3

Manual Integrations
APPROVED

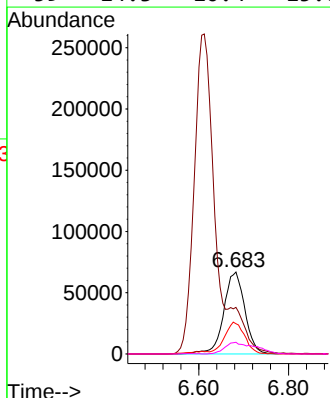
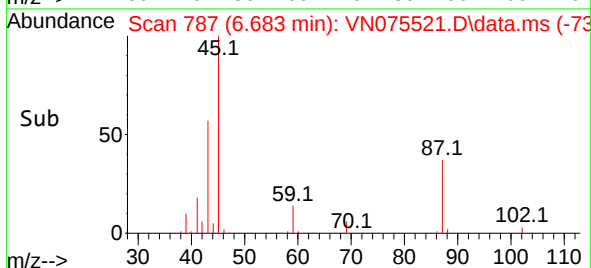
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

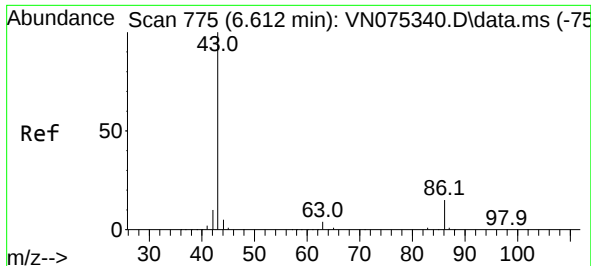


#22
Diisopropyl ether
Concen: 48.486 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54



Tgt Ion: 45 Resp: 218636
Ion Ratio Lower Upper
45 100
43 55.8 42.8 64.2
87 36.9 28.4 42.6
59 14.3 10.4 15.6





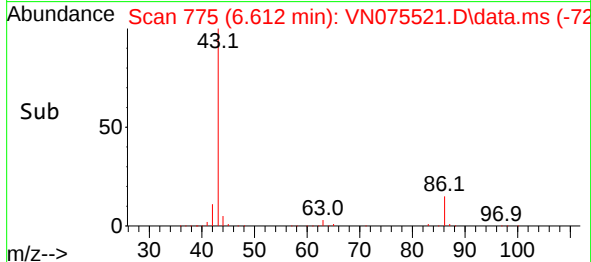
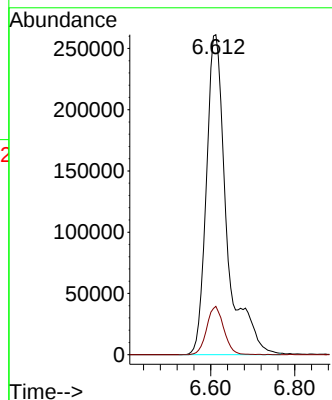
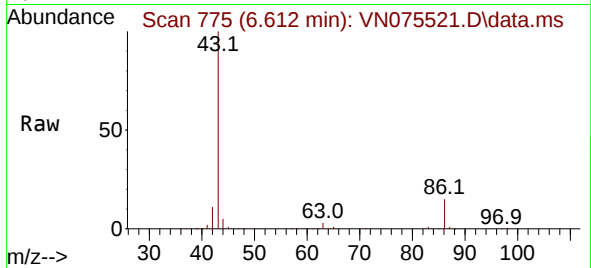
#23
 Vinyl Acetate
 Concen: 244.832 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075521.D
 Acq: 01 Dec 2022 17:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 87831
 Ion Ratio Lower Upper
 43 100
 86 15.1 10.7 16.1

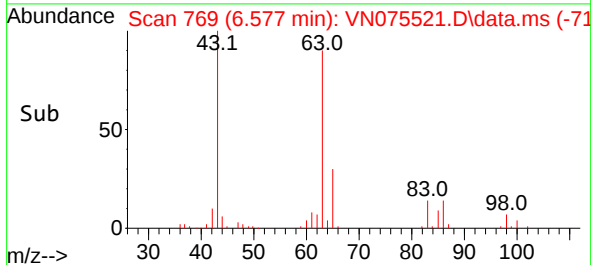
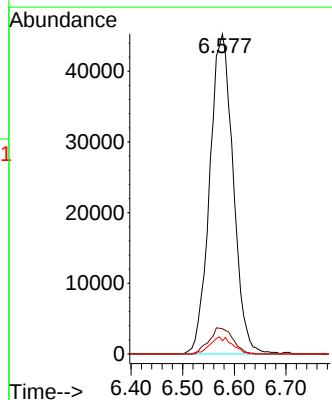
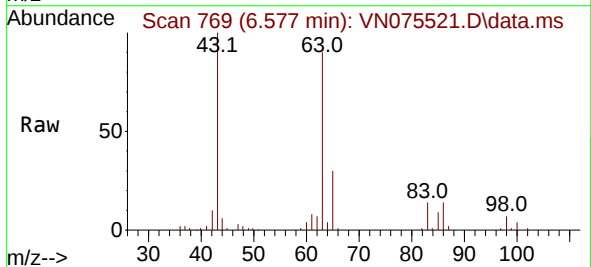
Manual Integrations
 APPROVED

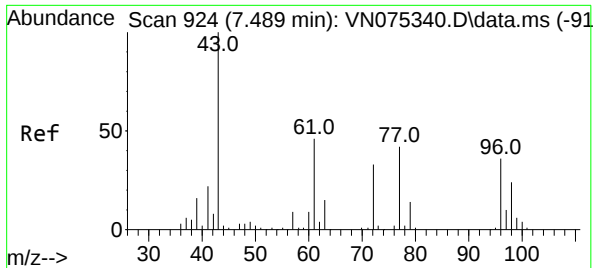
Reviewed By :John Carlone 12/02/2022
 Supervised By :Mahesh Dadoda 12/02/2022



#24
 1,1-Dichloroethane
 Concen: 49.305 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075521.D
 Acq: 01 Dec 2022 17:54

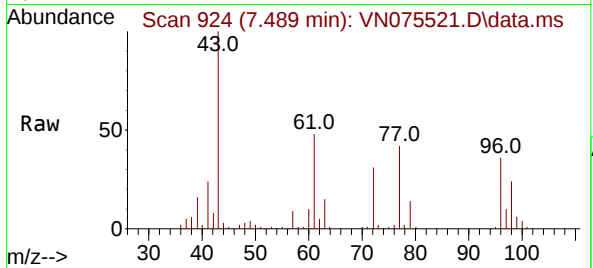
Tgt Ion: 63 Resp: 142709
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.8
 100 4.1 2.4 7.2





#25
2-Butanone
Concen: 222.437 ug/l
RT: 7.489 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

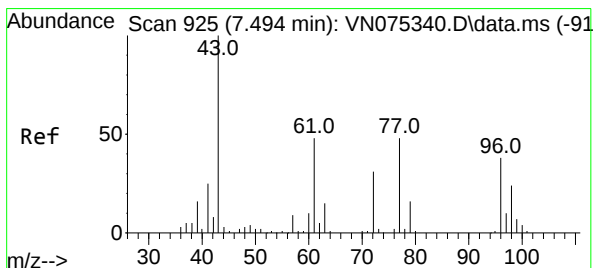
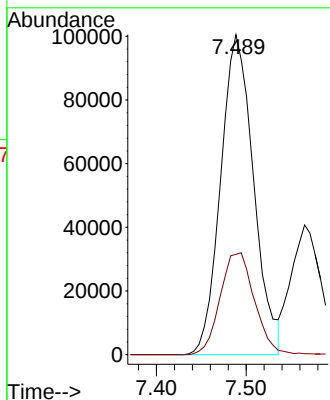
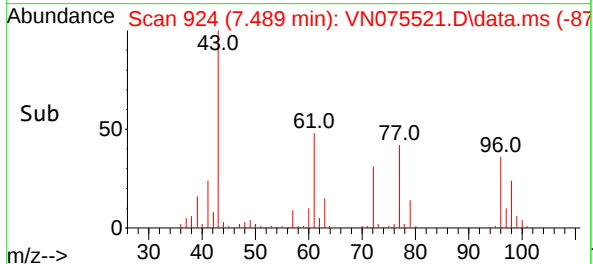
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



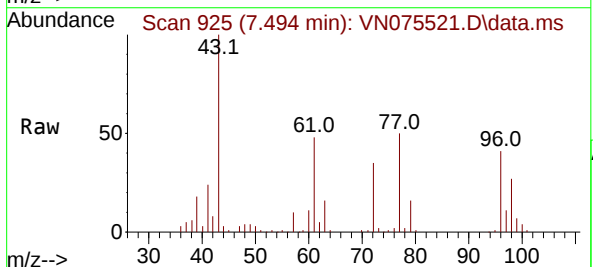
Tgt Ion: 43 Resp: 256498
Ion Ratio Lower Upper
43 100
72 31.4 25.5 38.3

Manual Integrations
APPROVED

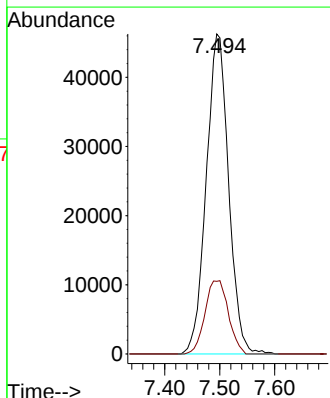
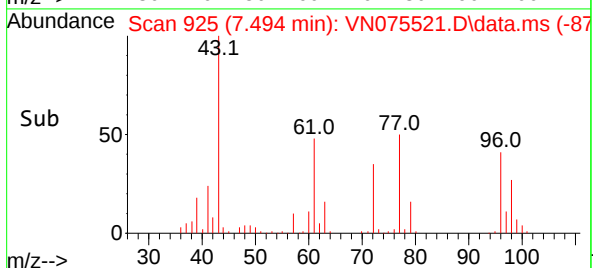
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

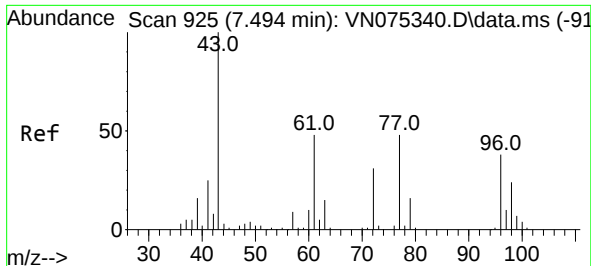


#26
2,2-Dichloropropane
Concen: 48.600 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54



Tgt Ion: 77 Resp: 130733
Ion Ratio Lower Upper
77 100
97 23.9 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 50.861 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075521.D

Acq: 01 Dec 2022 17:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 100124

Ion Ratio Lower Upper

96 100

61 126.6 0.0 278.8

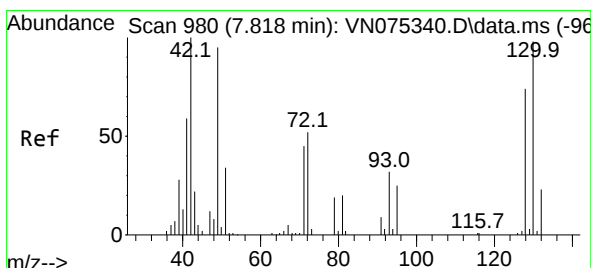
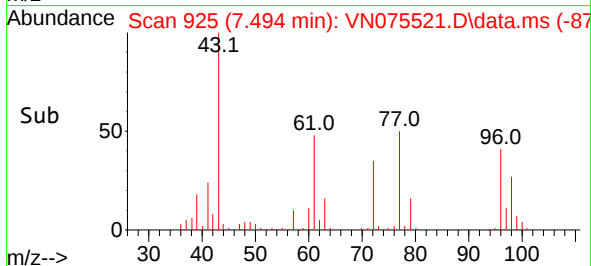
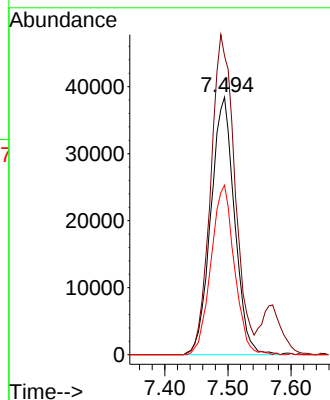
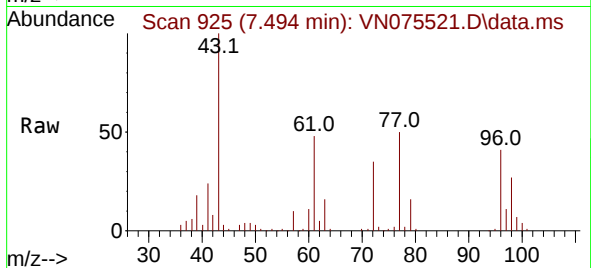
98 64.9 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#28

Bromochloromethane

Concen: 46.469 ug/l

RT: 7.818 min Scan# 980

Delta R.T. -0.000 min

Lab File: VN075521.D

Acq: 01 Dec 2022 17:54

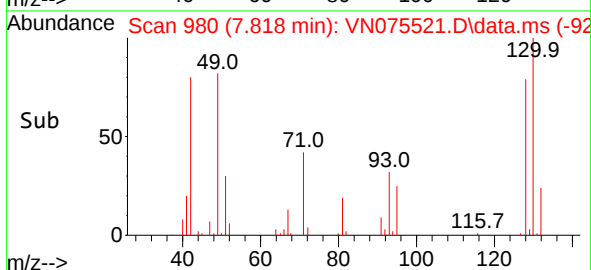
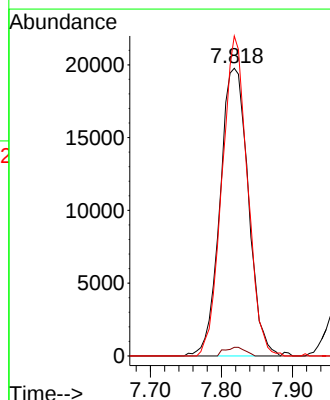
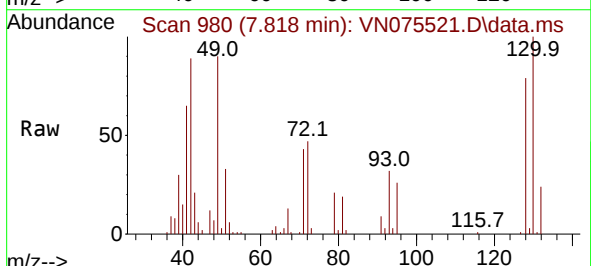
Tgt Ion: 49 Resp: 54595

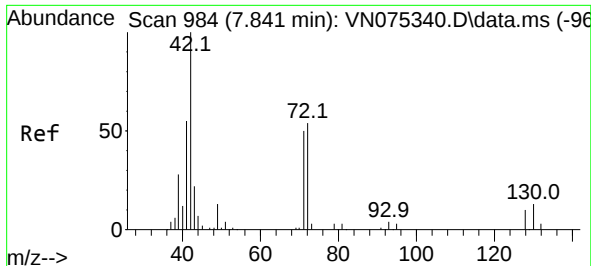
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 100.1 66.2 99.4#





#29

Tetrahydrofuran

Concen: 237.640 ug/l

RT: 7.847 min Scan# 984

Delta R.T. 0.006 min

Lab File: VN075521.D

Acq: 01 Dec 2022 17:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 16668

Ion Ratio Lower Upper

42 100

72 56.6 43.0 64.6

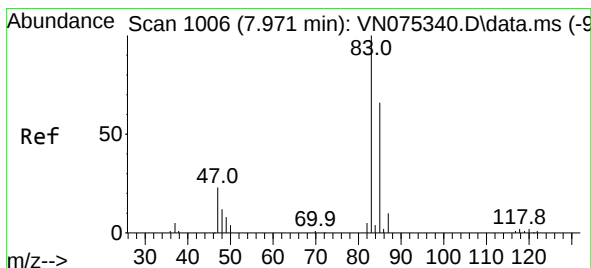
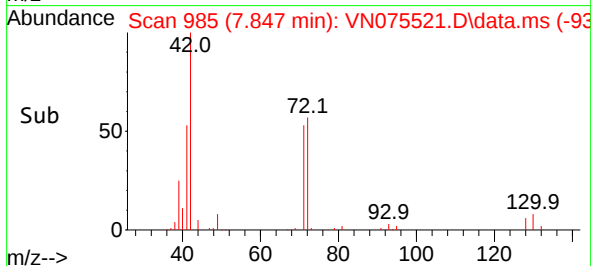
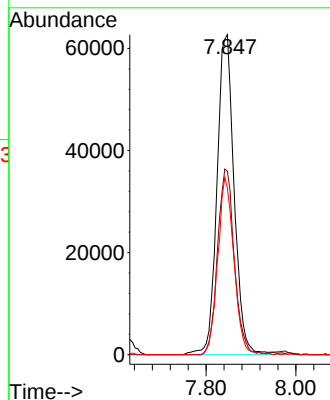
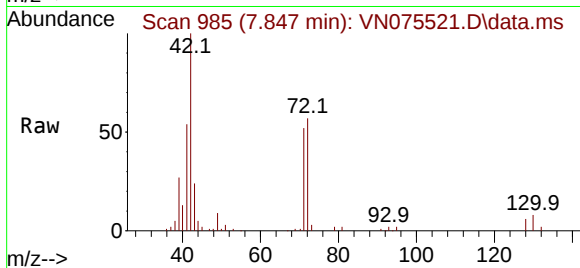
71 52.0 39.9 59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#30

Chloroform

Concen: 48.299 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN075521.D

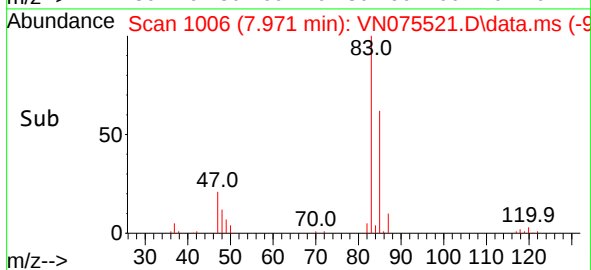
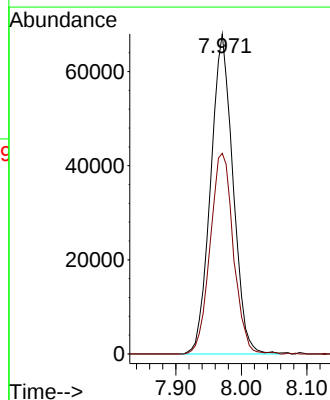
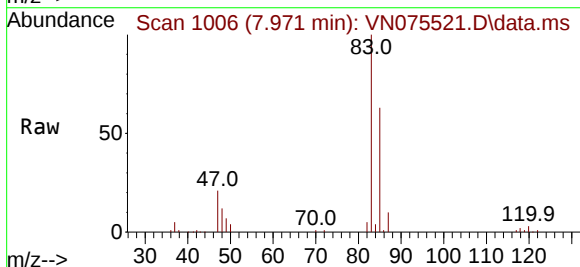
Acq: 01 Dec 2022 17:54

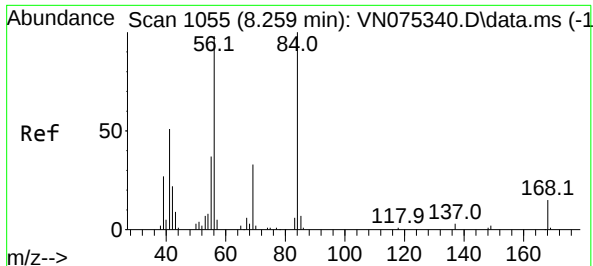
Tgt Ion: 83 Resp: 160536

Ion Ratio Lower Upper

83 100

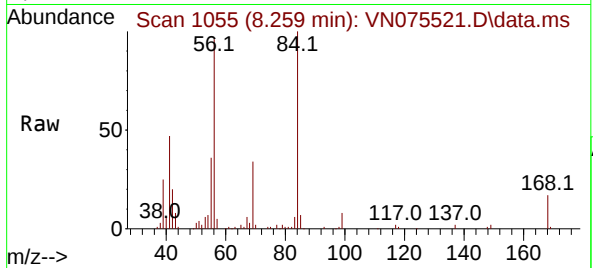
85 62.7 51.4 77.0





#31
Cyclohexane
Concen: 45.407 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

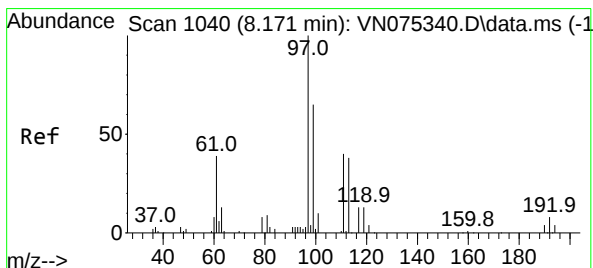
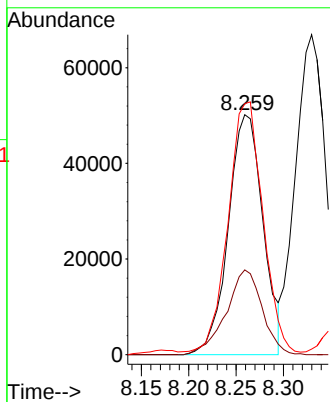
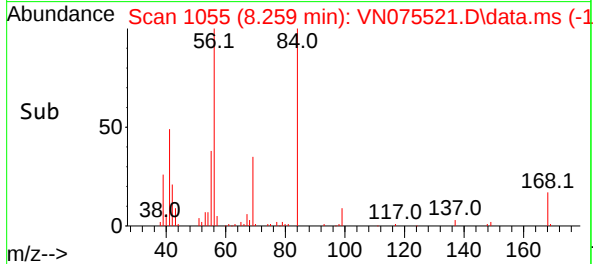
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



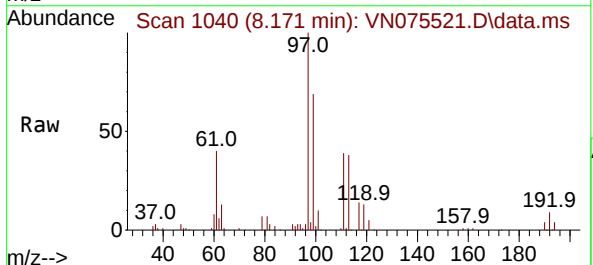
Tgt Ion: 56 Resp: 127744
Ion Ratio Lower Upper
56 100
69 35.3 25.2 37.8
84 103.4 77.8 116.8

Manual Integrations
APPROVED

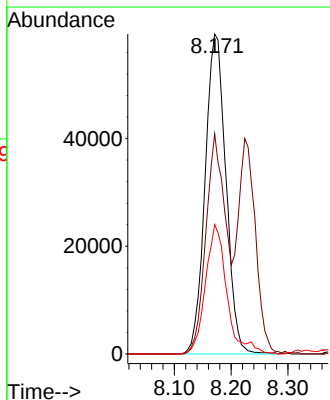
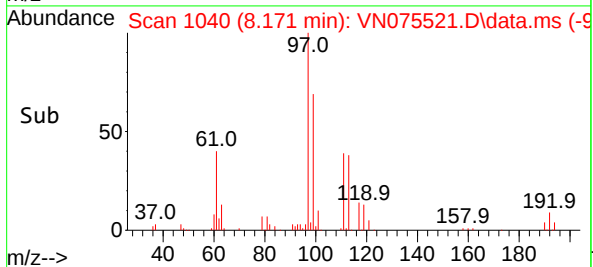
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#32
1,1,1-Trichloroethane
Concen: 50.055 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54



Tgt Ion: 97 Resp: 151063
Ion Ratio Lower Upper
97 100
99 65.1 50.2 75.2
61 41.5 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 47.269 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075521.D

Acq: 01 Dec 2022 17:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 41850

Ion Ratio Lower Upper

65 100

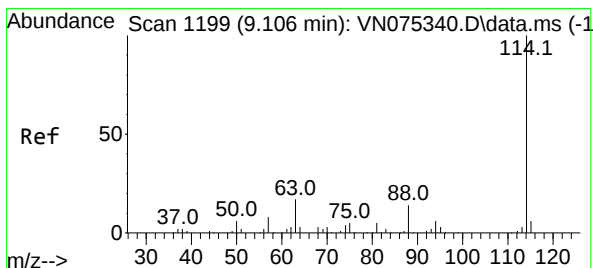
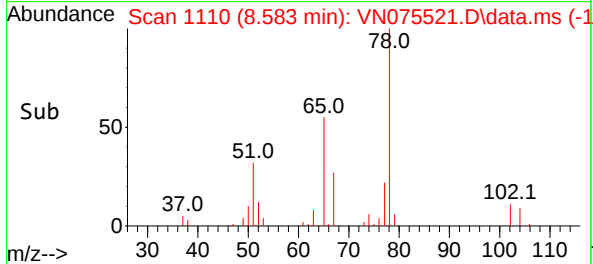
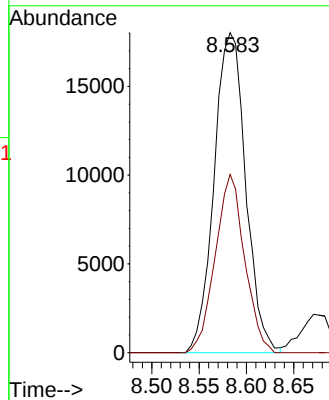
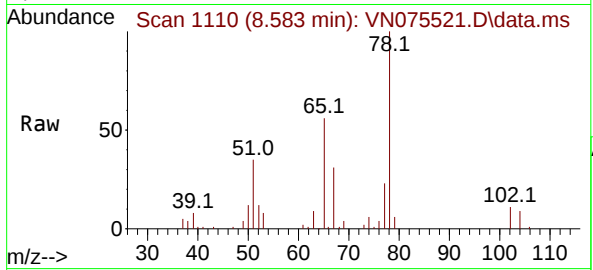
67 51.8 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075521.D

Acq: 01 Dec 2022 17:54

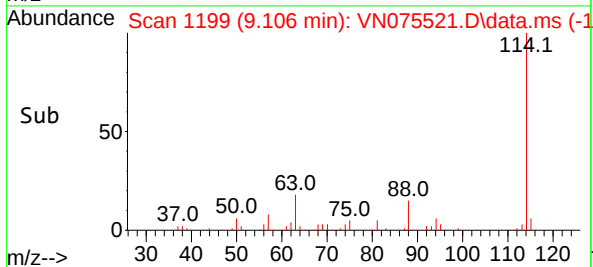
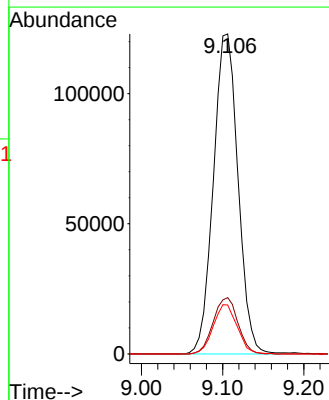
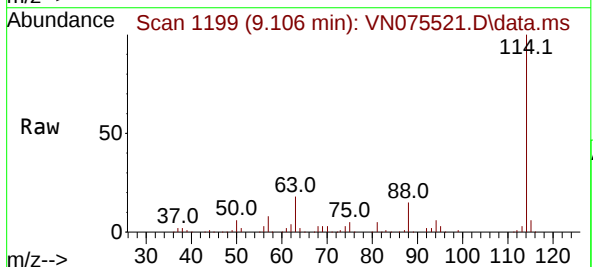
Tgt Ion:114 Resp: 259096

Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 15.3 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.631 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075521.D

Acq: 01 Dec 2022 17:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 5458

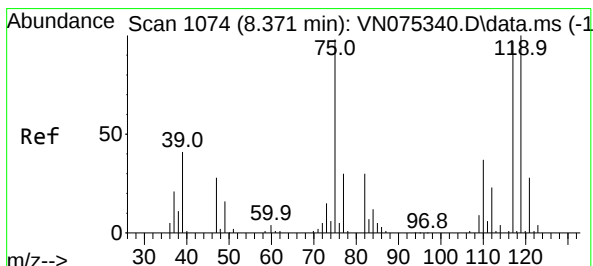
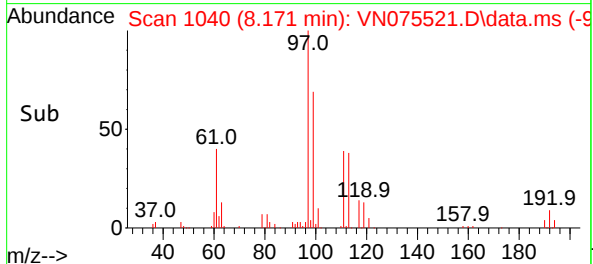
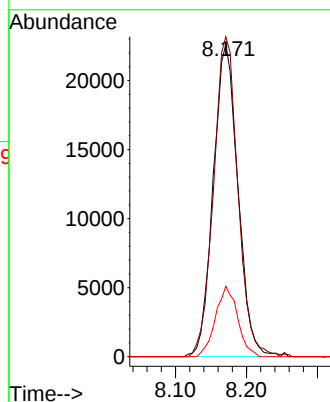
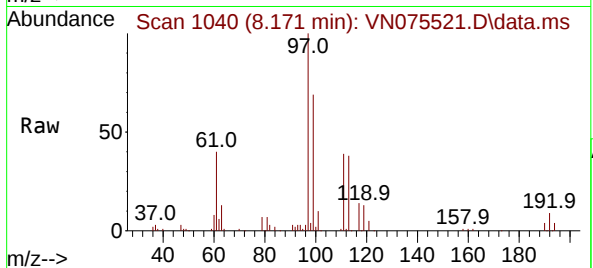
Ion	Ratio	Lower	Upper
113	100		
111	100.9	80.5	120.7
192	20.1	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#36

1,1-Dichloropropene

Concen: 52.672 ug/l

RT: 8.371 min Scan# 1074

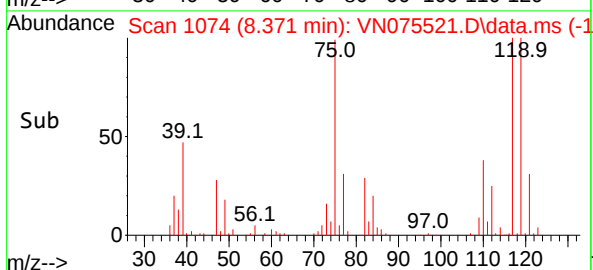
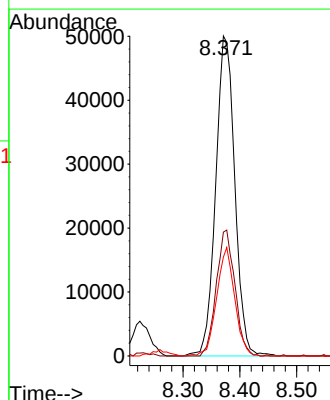
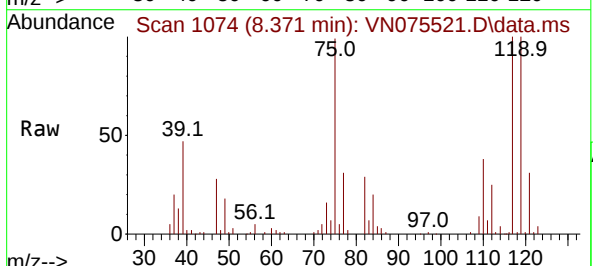
Delta R.T. -0.000 min

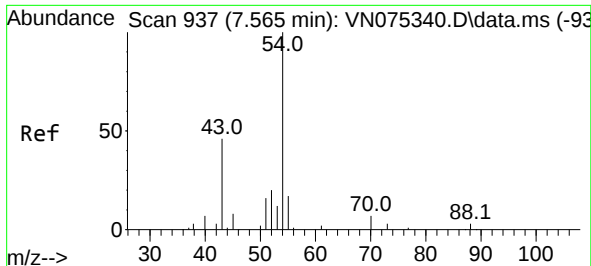
Lab File: VN075521.D

Acq: 01 Dec 2022 17:54

Tgt Ion: 75 Resp: 116912

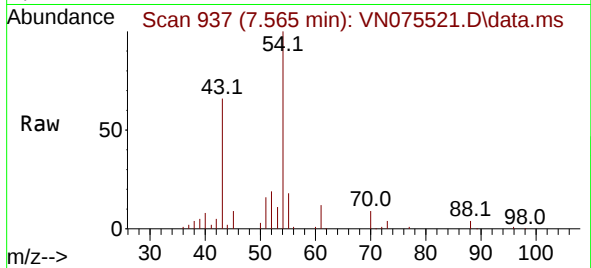
Ion	Ratio	Lower	Upper
75	100		
110	38.2	17.8	53.3
77	32.0	24.6	37.0





#37
Ethyl Acetate
Concen: 50.480 ug/l
RT: 7.565 min Scan# 937
Delta R.T. 0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

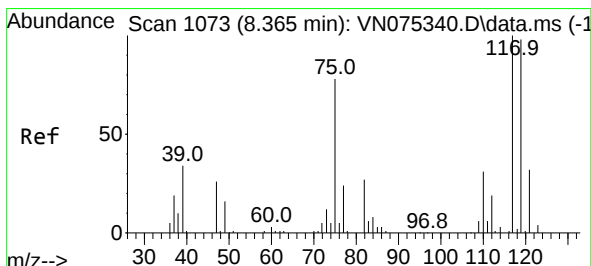
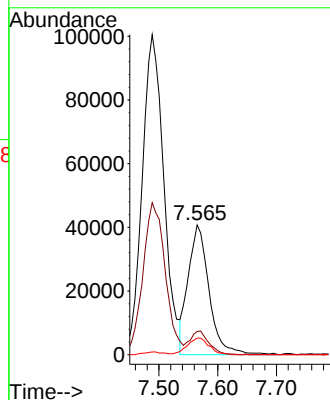
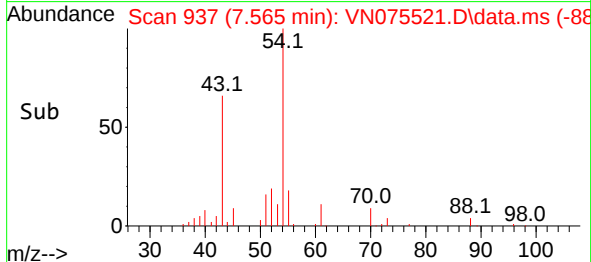
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 100889
Ion Ratio Lower Upper
43 100
61 16.6 12.2 18.4
70 13.2 9.4 14.2

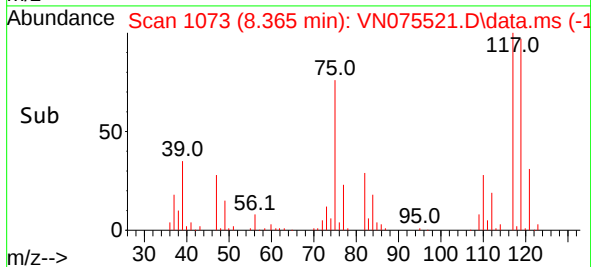
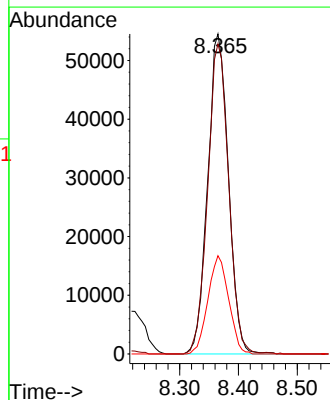
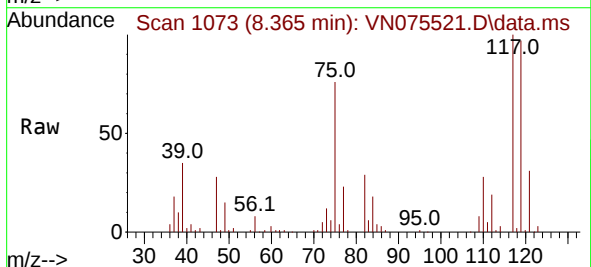
Manual Integrations
APPROVED

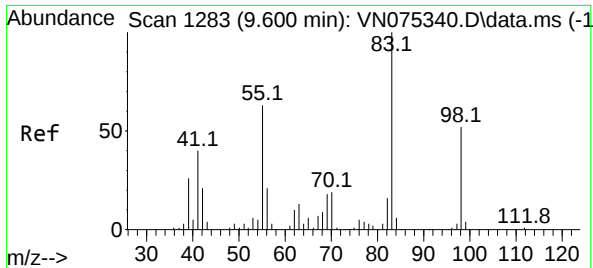
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#38
Carbon Tetrachloride
Concen: 54.838 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

Tgt Ion:117 Resp: 133710
Ion Ratio Lower Upper
117 100
119 96.9 76.7 115.1
121 30.7 23.9 35.9





#39

Methylcyclohexane

Concen: 55.245 ug/l

RT: 9.600 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075521.D

Acq: 01 Dec 2022 17:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 153469

Ion Ratio Lower Upper

83 100

55 60.1 53.6 80.4

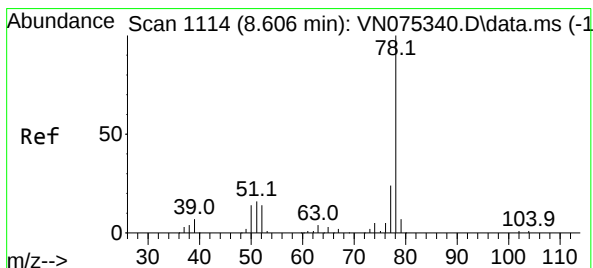
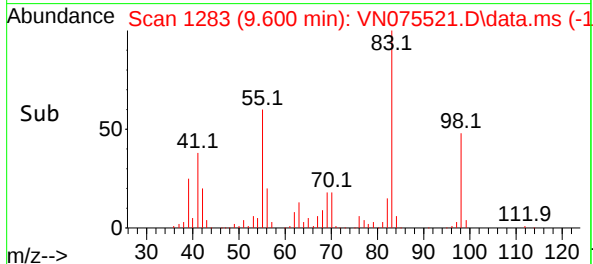
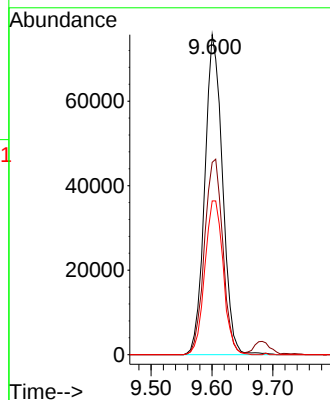
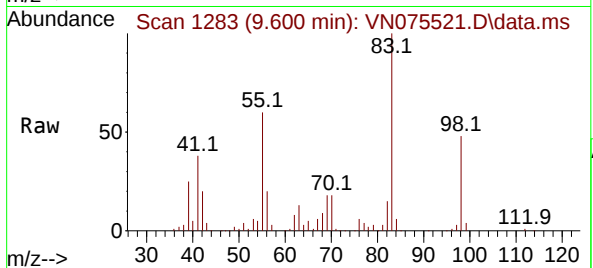
98 48.0 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#40

Benzene

Concen: 53.077 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075521.D

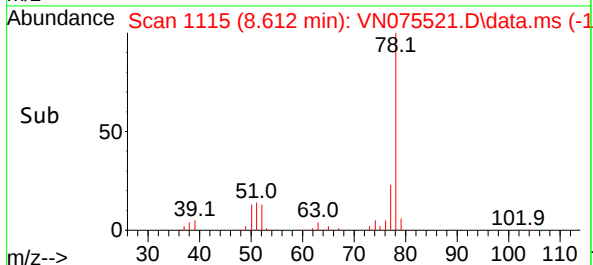
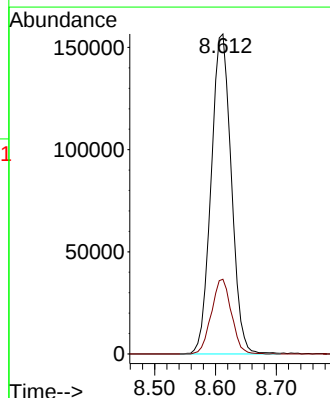
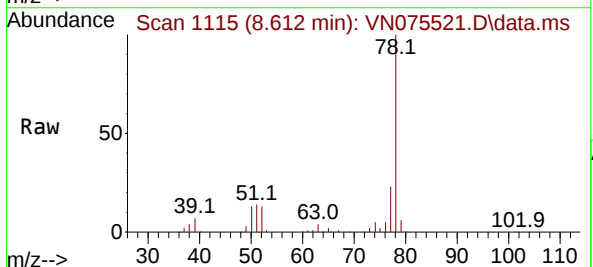
Acq: 01 Dec 2022 17:54

Tgt Ion: 78 Resp: 360699

Ion Ratio Lower Upper

78 100

77 23.4 19.4 29.0





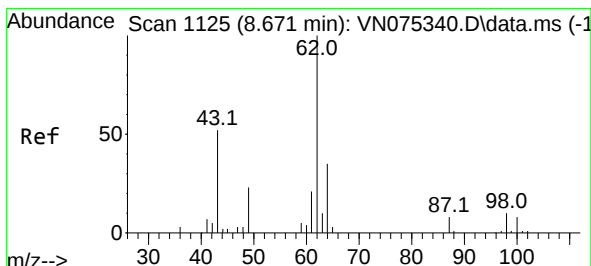
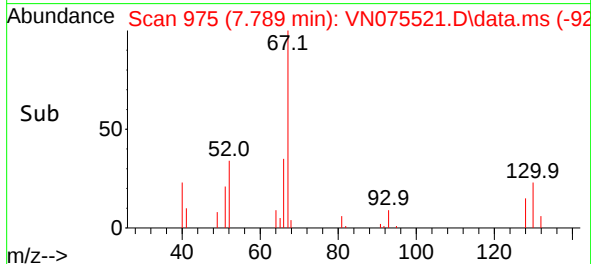
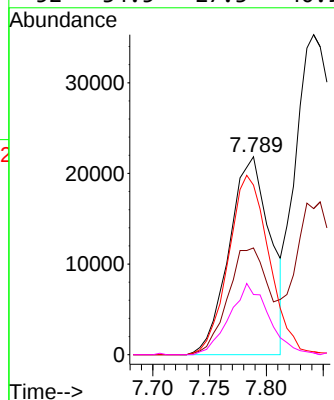
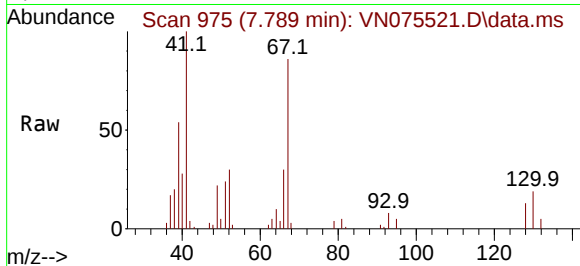
#41
Methacrylonitrile
Concen: 53.680 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 54850
Ion Ratio Lower Upper
41 100
39 51.8 44.4 66.6
67 90.2 69.8 104.6
52 34.5 27.3 40.9

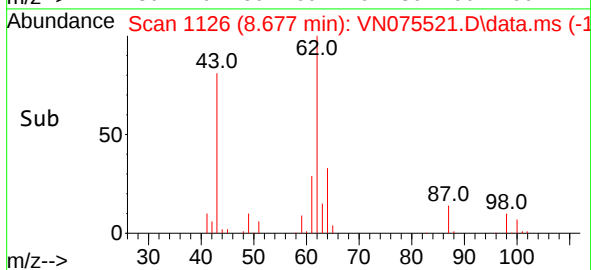
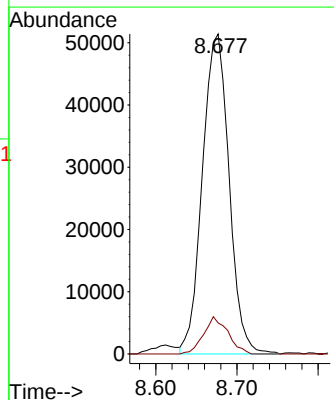
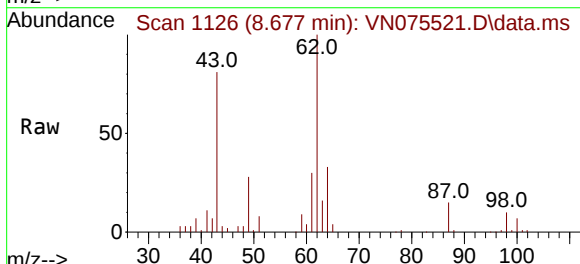
Manual Integrations
APPROVED

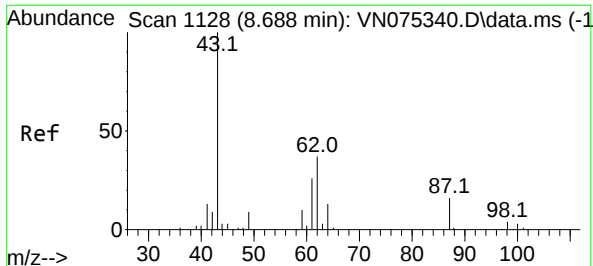
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#42
1,2-Dichloroethane
Concen: 51.577 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

Tgt Ion: 62 Resp: 117390
Ion Ratio Lower Upper
62 100
98 10.6 0.0 18.2





#43

Isopropyl Acetate

Concen: 52.064 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN075521.D

Acq: 01 Dec 2022 17:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 16702

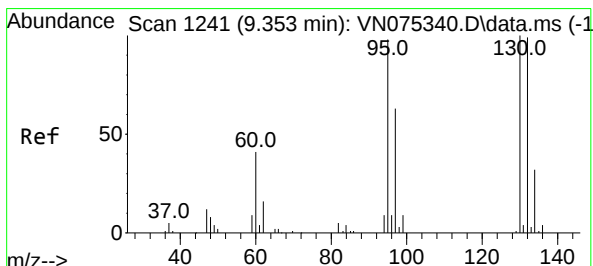
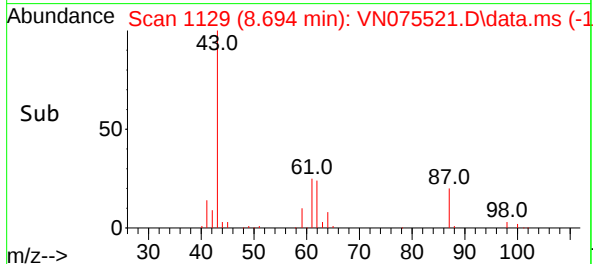
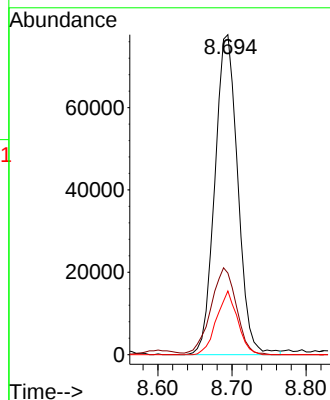
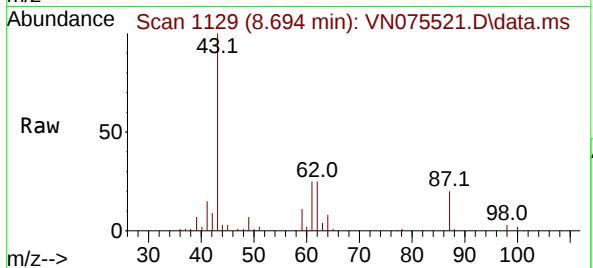
Ion	Ratio	Lower	Upper
43	100		
61	30.2	22.4	33.6
87	18.3	12.5	18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#44

Trichloroethene

Concen: 53.945 ug/l

RT: 9.353 min Scan# 1241

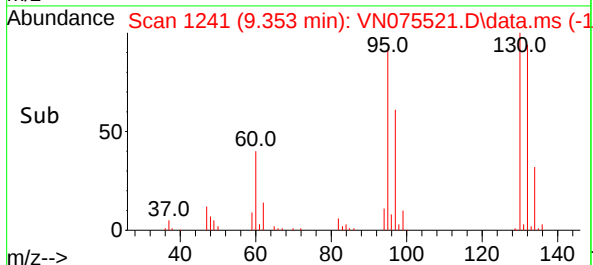
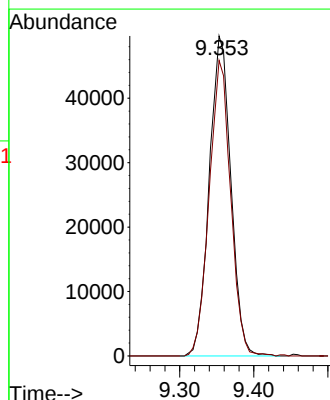
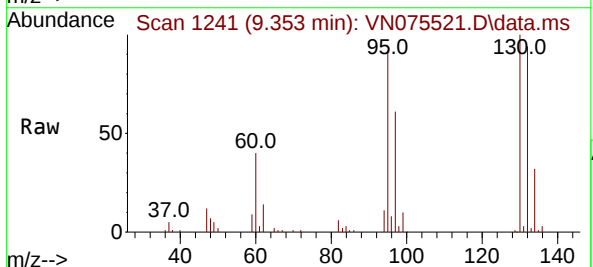
Delta R.T. 0.000 min

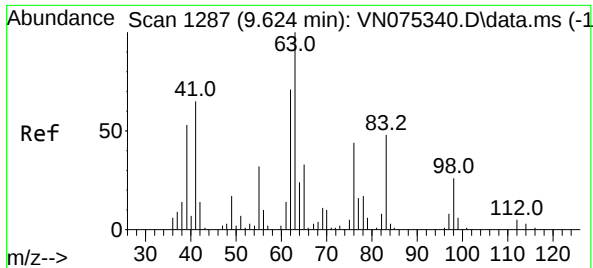
Lab File: VN075521.D

Acq: 01 Dec 2022 17:54

Tgt Ion:130 Resp: 100310

Ion	Ratio	Lower	Upper
130	100		
95	92.3	0.0	198.4





#45

1,2-Dichloropropane

Concen: 51.117 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075521.D

Acq: 01 Dec 2022 17:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 8278

Ion Ratio Lower Upper

63 100

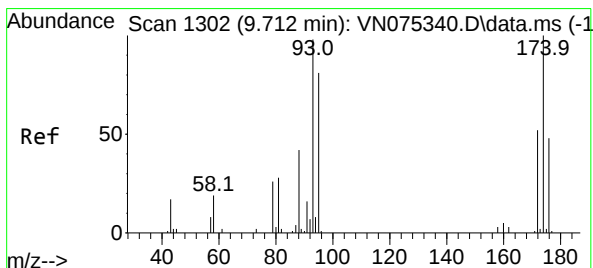
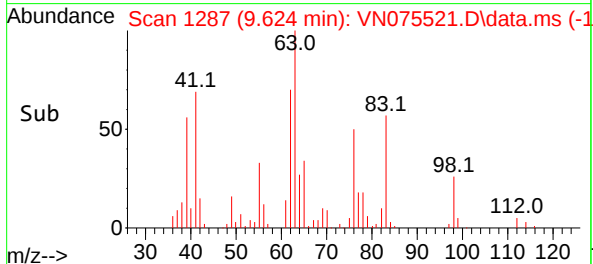
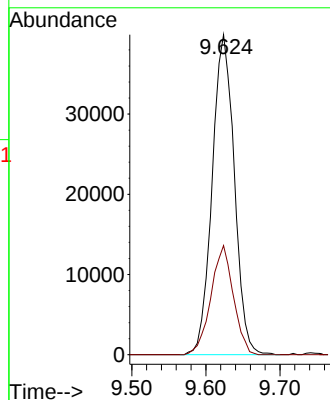
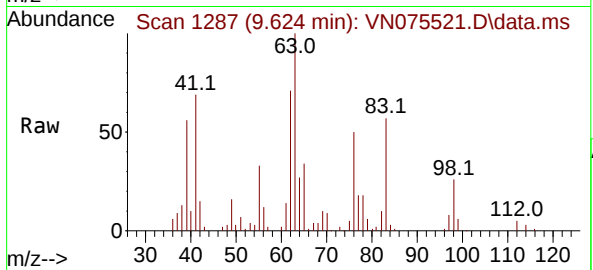
65 34.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#46

Dibromomethane

Concen: 52.972 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075521.D

Acq: 01 Dec 2022 17:54

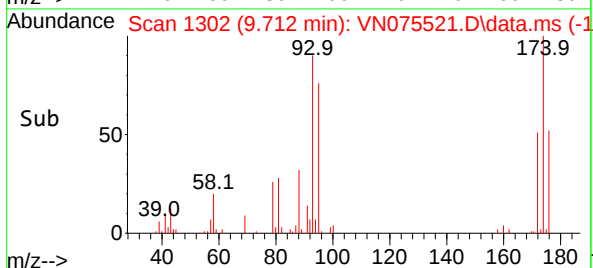
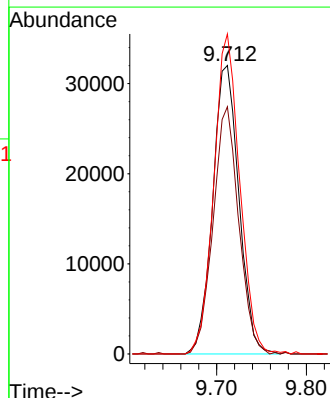
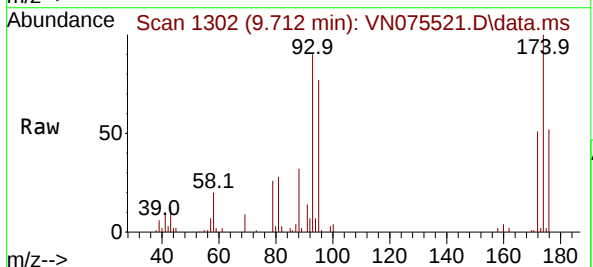
Tgt Ion: 93 Resp: 64887

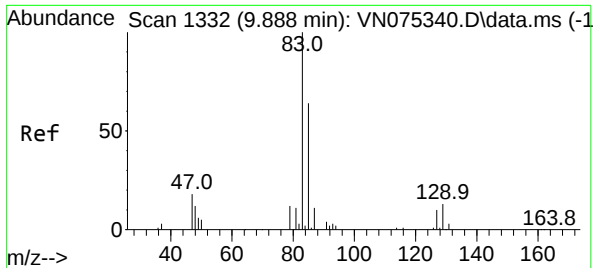
Ion Ratio Lower Upper

93 100

95 84.0 66.6 99.8

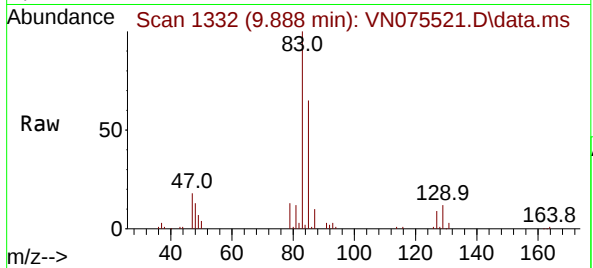
174 109.9 70.3 105.5





#47
Bromodichloromethane
Concen: 52.495 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

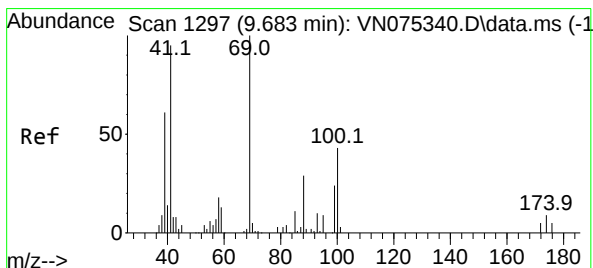
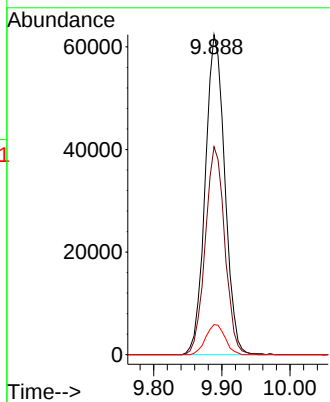
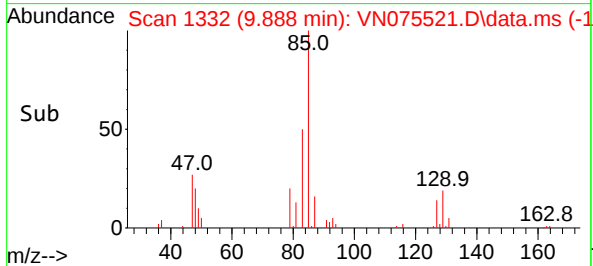
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 124520
Ion Ratio Lower Upper
83 100
85 65.0 52.1 78.1
127 9.4 6.6 10.0

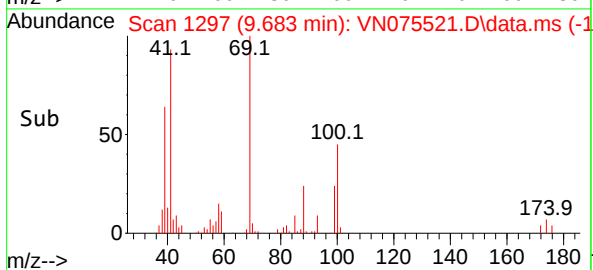
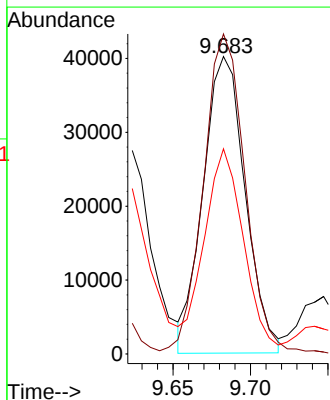
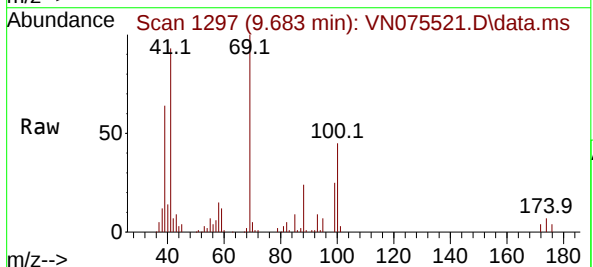
Manual Integrations
APPROVED

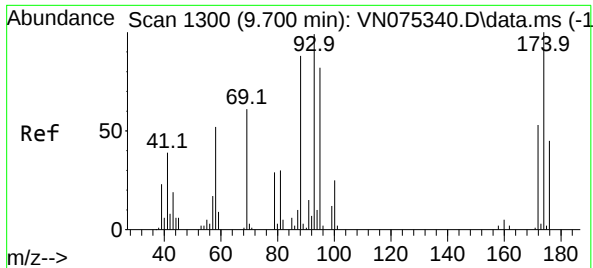
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#48
Methyl methacrylate
Concen: 51.082 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

Tgt Ion: 41 Resp: 75773
Ion Ratio Lower Upper
41 100
69 107.4 80.2 120.2
39 65.5 56.2 84.2





#49

1,4-Dioxane

Concen: 1024.239 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075521.D

Acq: 01 Dec 2022 17:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 4314

Ion Ratio Lower Upper

88 100

43 21.5 17.5 26.3

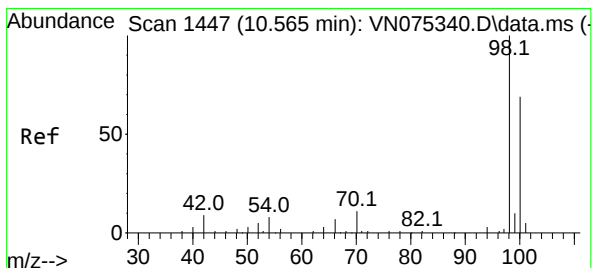
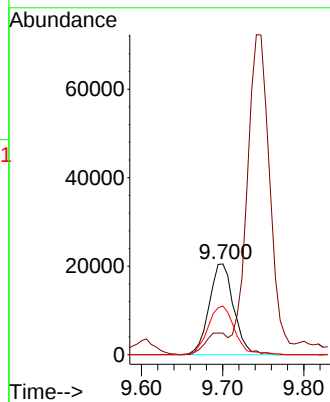
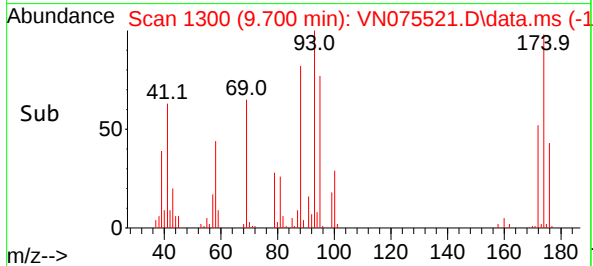
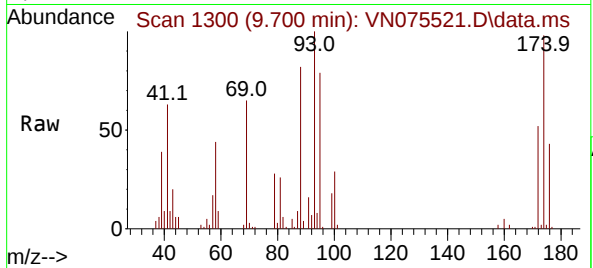
58 58.0 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#50

Toluene-d8

Concen: 51.523 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075521.D

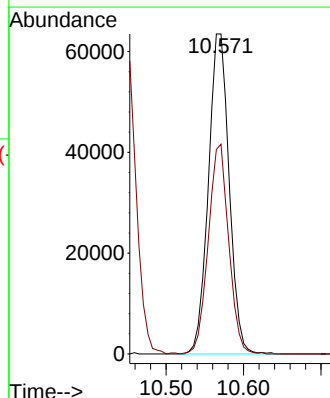
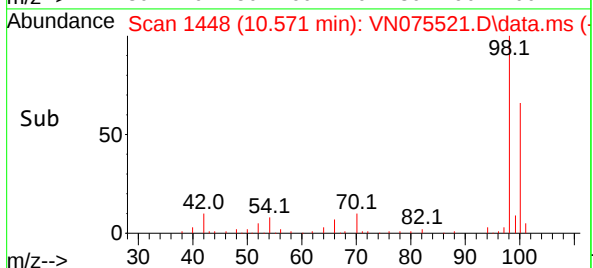
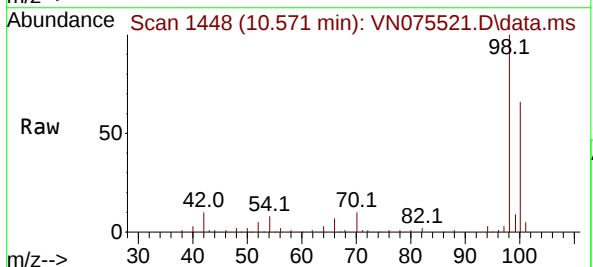
Acq: 01 Dec 2022 17:54

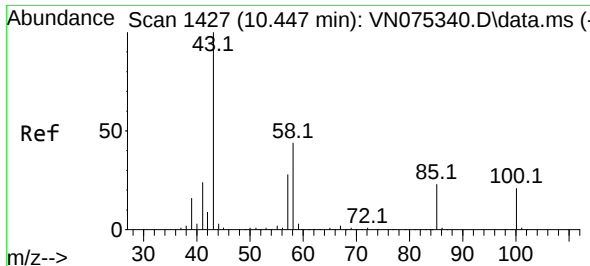
Tgt Ion: 98 Resp: 118111

Ion Ratio Lower Upper

98 100

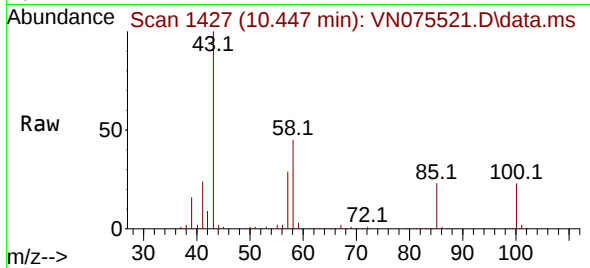
100 64.5 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 260.298 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

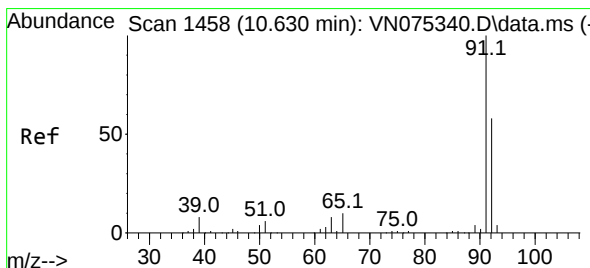
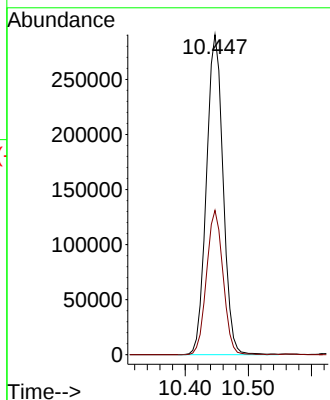
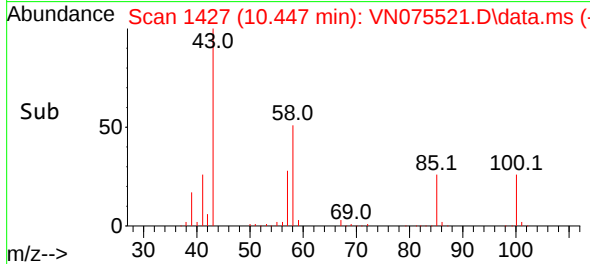
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



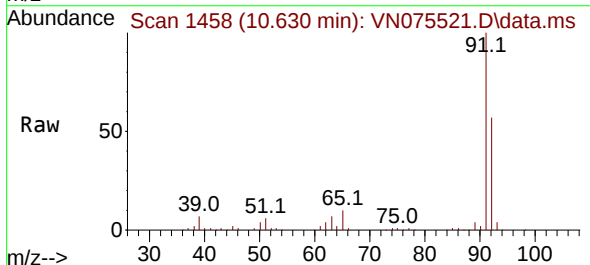
Tgt Ion: 43 Resp: 53185
Ion Ratio Lower Upper
43 100
58 44.8 33.6 50.4

Manual Integrations
APPROVED

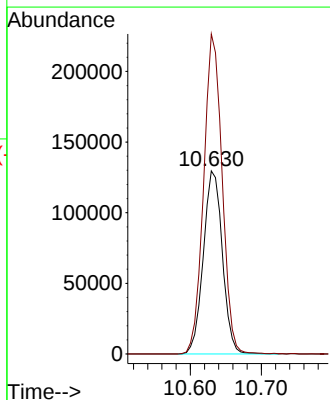
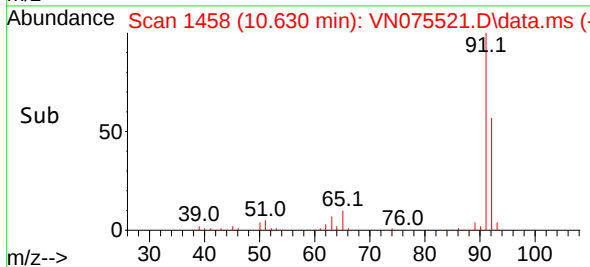
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

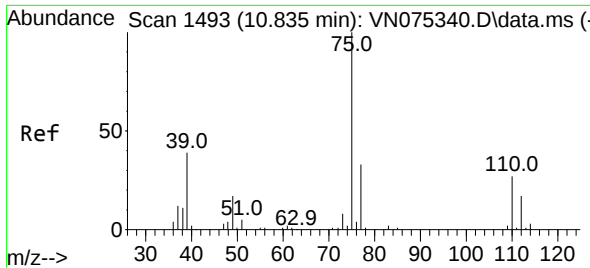


#52
Toluene
Concen: 55.143 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54



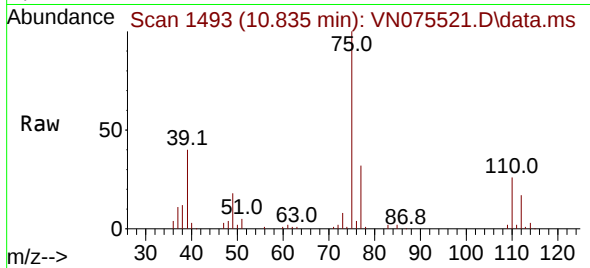
Tgt Ion: 92 Resp: 241487
Ion Ratio Lower Upper
92 100
91 169.7 135.4 203.2





#53
t-1,3-Dichloropropene
Concen: 55.459 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

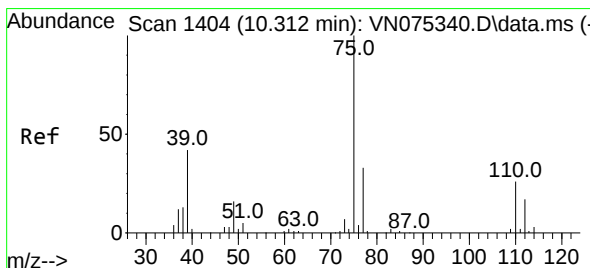
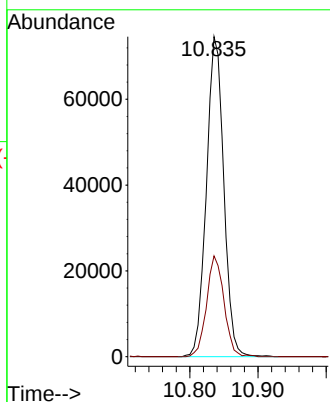
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 132072
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2

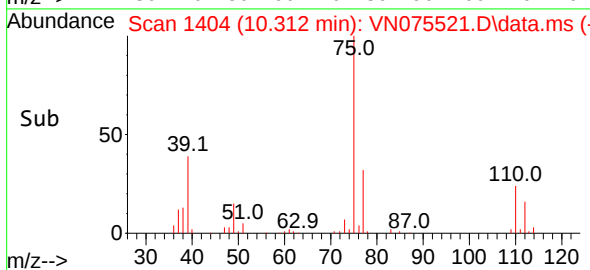
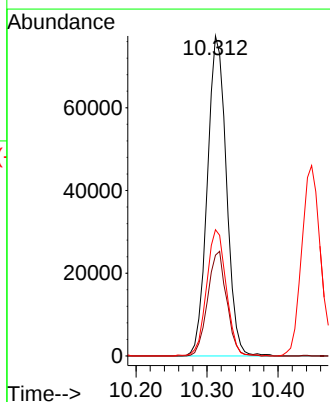
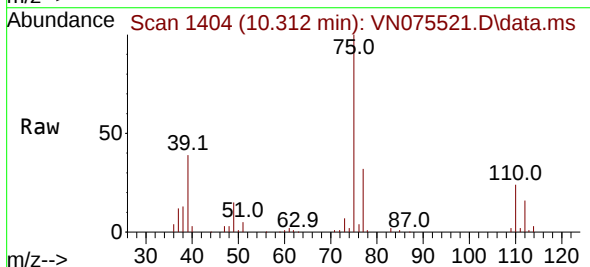
Manual Integrations
APPROVED

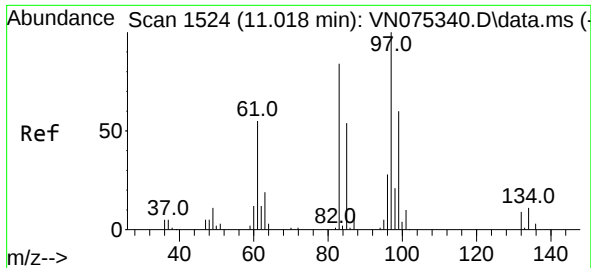
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#54
cis-1,3-Dichloropropene
Concen: 55.830 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

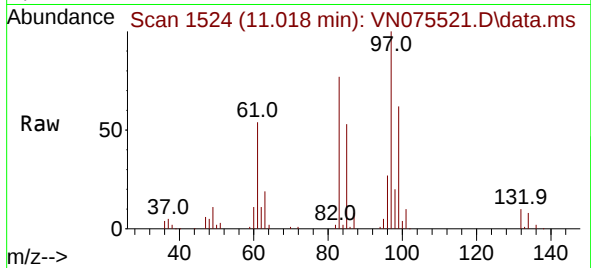
Tgt Ion: 75 Resp: 144403
Ion Ratio Lower Upper
75 100
77 31.5 23.7 35.5
39 39.5 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 53.889 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

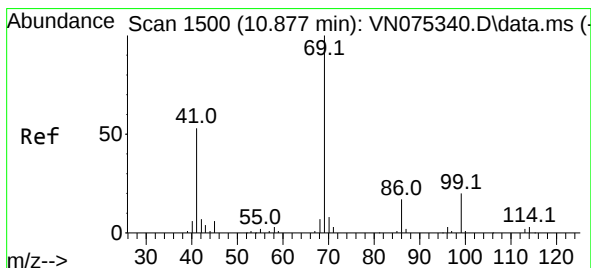
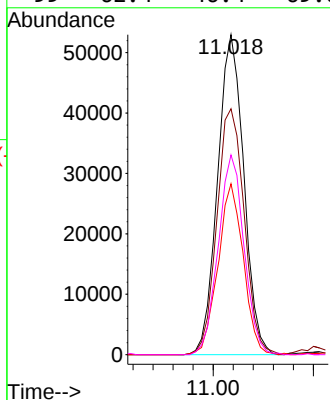
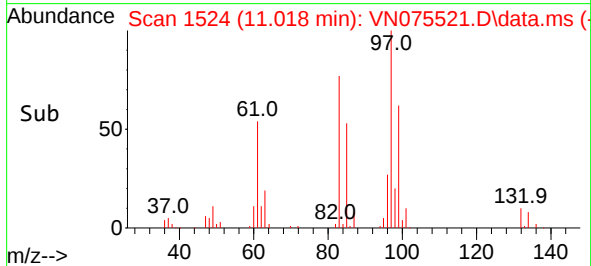
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC



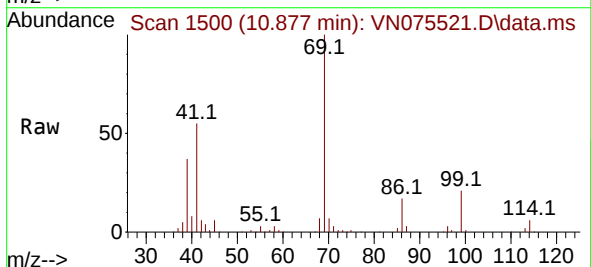
Tgt Ion	Ratio	Lower	Upper
97	100		
83	76.9	65.9	98.9
85	53.4	40.4	60.6
99	62.4	46.4	69.6

Manual Integrations
APPROVED

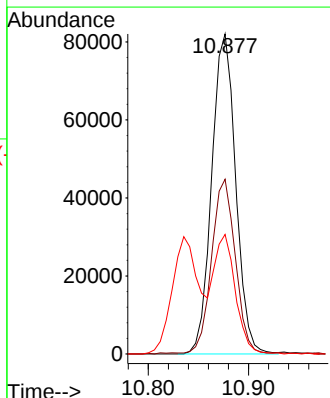
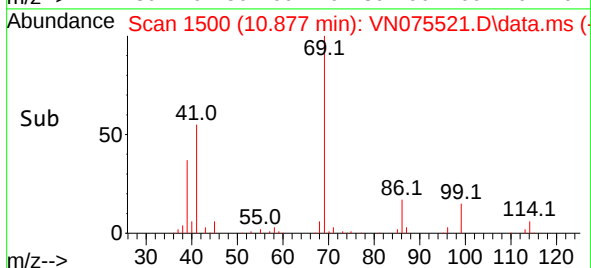
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

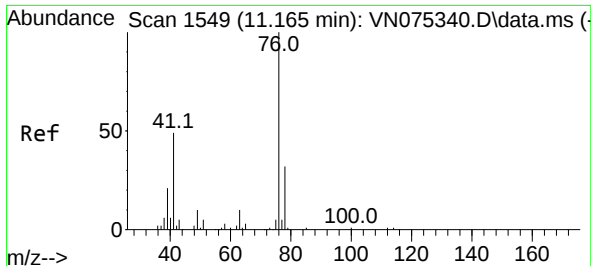


#56
Ethyl methacrylate
Concen: 56.593 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54



Tgt Ion	Ratio	Lower	Upper
69	100		
41	54.5	45.6	68.4
39	33.4	28.5	42.7





#57

1,3-Dichloropropane

Concen: 52.062 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN075521.D

Acq: 01 Dec 2022 17:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 15141

Ion Ratio Lower Upper

76 100

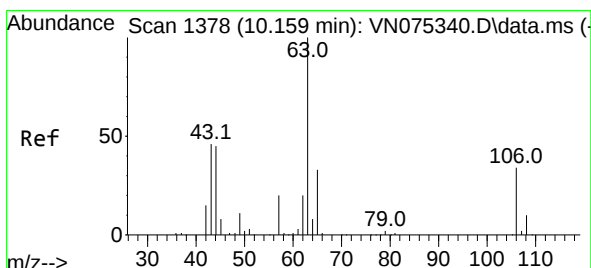
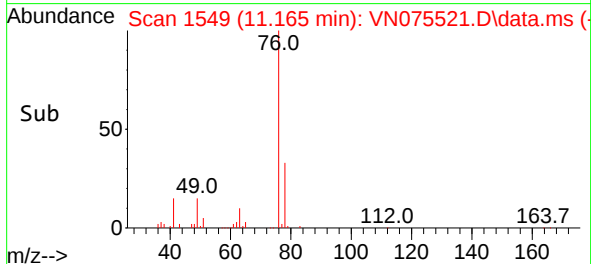
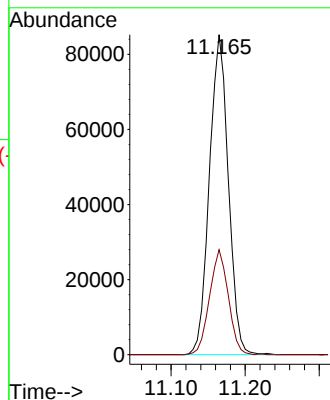
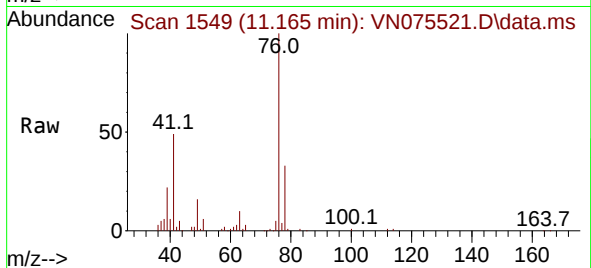
78 32.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#58

2-Chloroethyl Vinyl ether

Concen: 265.395 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. 0.000 min

Lab File: VN075521.D

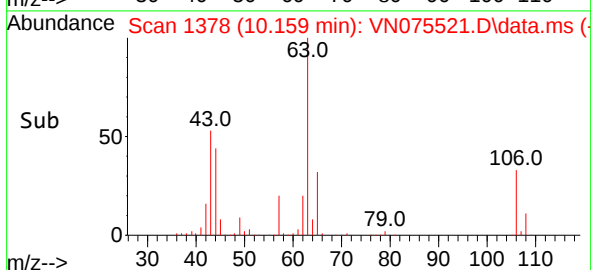
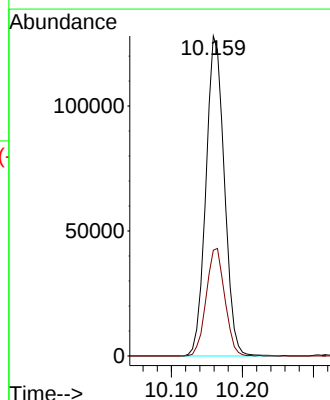
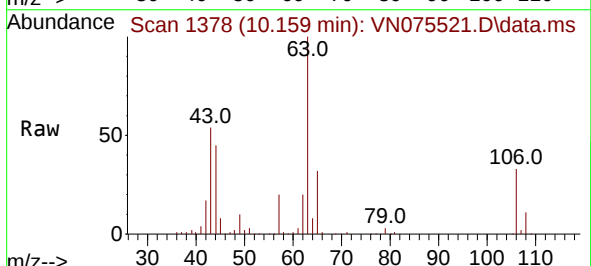
Acq: 01 Dec 2022 17:54

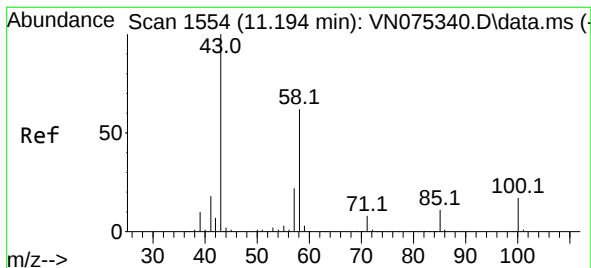
Tgt Ion: 63 Resp: 230559

Ion Ratio Lower Upper

63 100

106 33.9 24.8 37.2





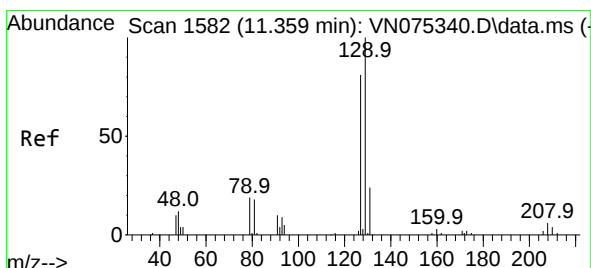
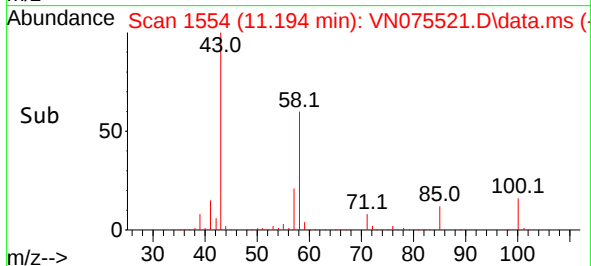
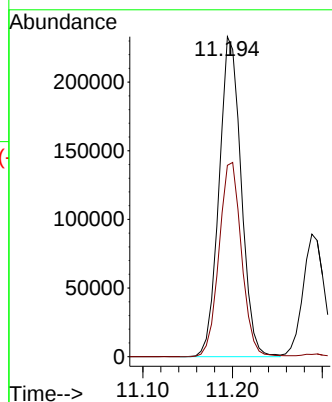
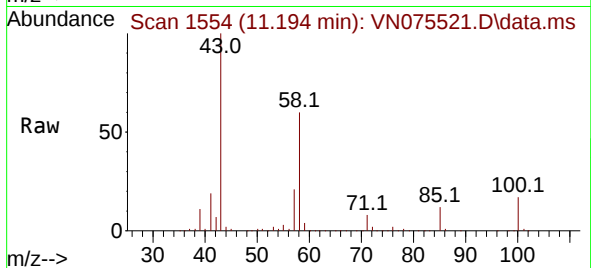
#59
2-Hexanone
Concen: 259.584 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 398275
Ion Ratio Lower Upper
43 100
58 61.8 29.6 88.8

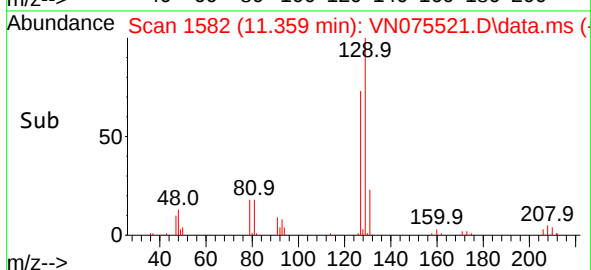
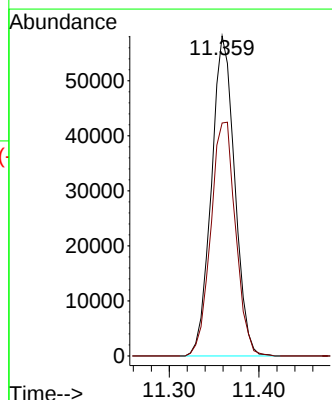
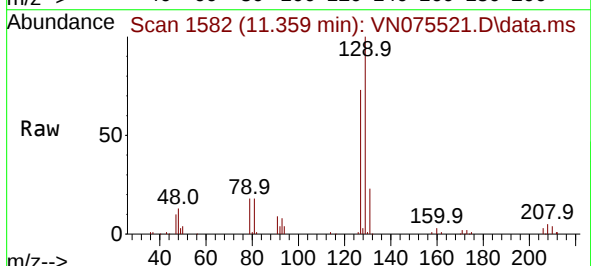
Manual Integrations
APPROVED

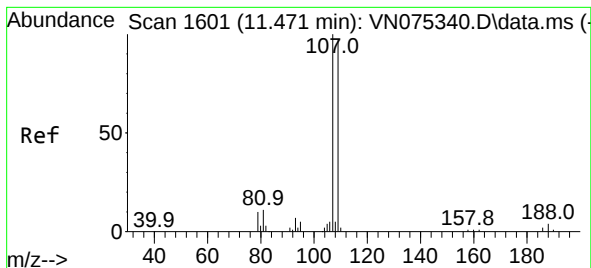
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#60
Dibromochloromethane
Concen: 57.250 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

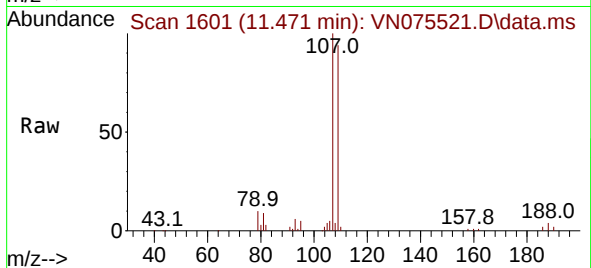
Tgt Ion:129 Resp: 104815
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8





#61
1,2-Dibromoethane
Concen: 54.589 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

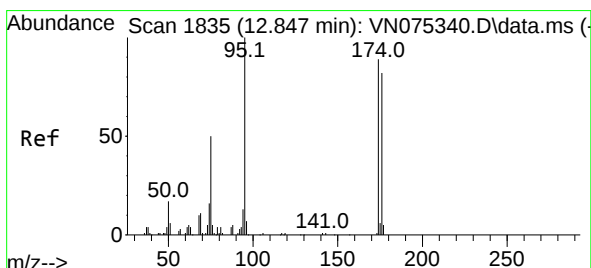
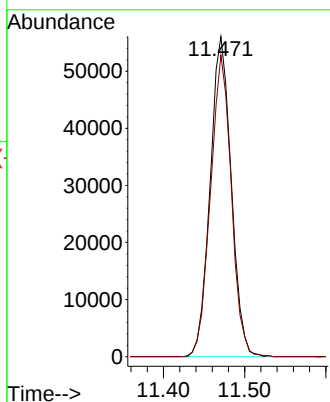
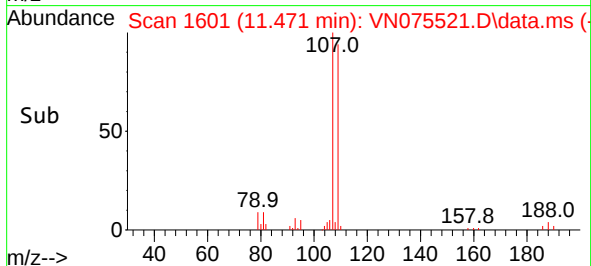
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



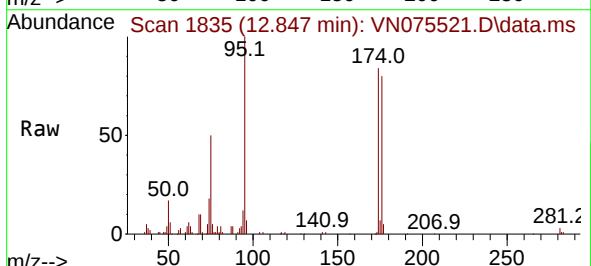
Tgt Ion:107 Resp: 10106
Ion Ratio Lower Upper
107 100
109 93.0 75.6 113.4

Manual Integrations
APPROVED

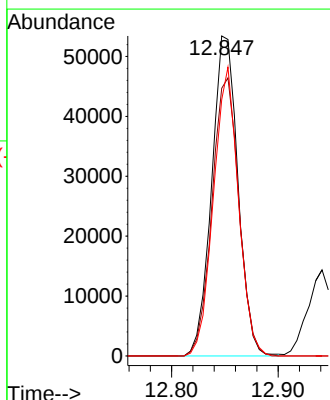
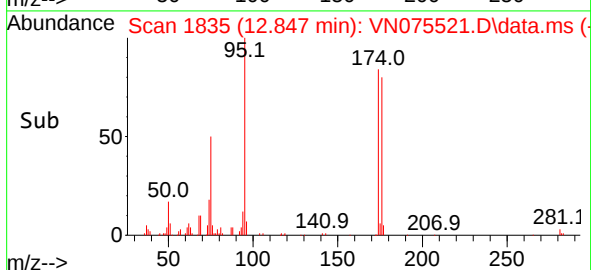
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

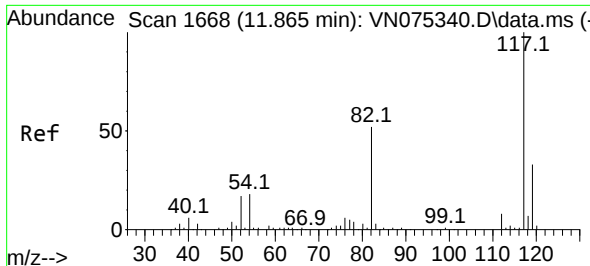


#62
4-Bromofluorobenzene
Concen: 54.106 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54



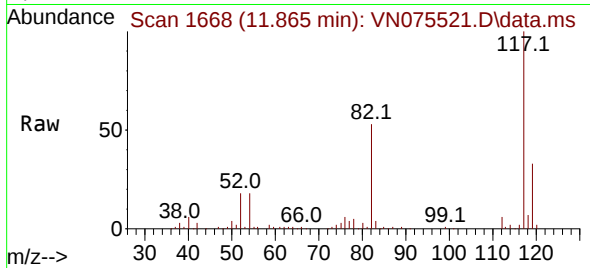
Tgt Ion: 95 Resp: 91549
Ion Ratio Lower Upper
95 100
174 88.7 0.0 147.4
176 85.7 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

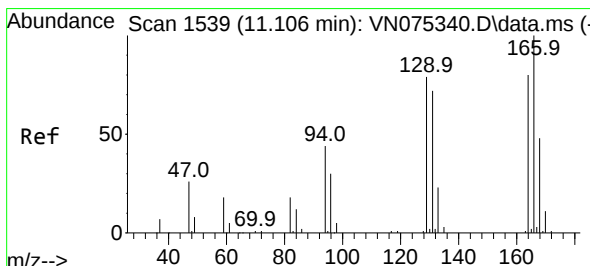
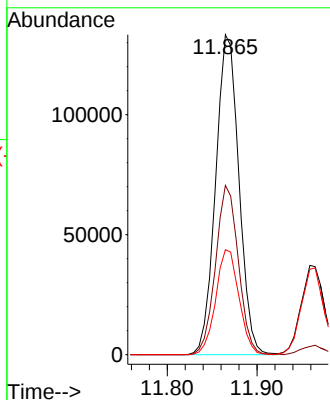
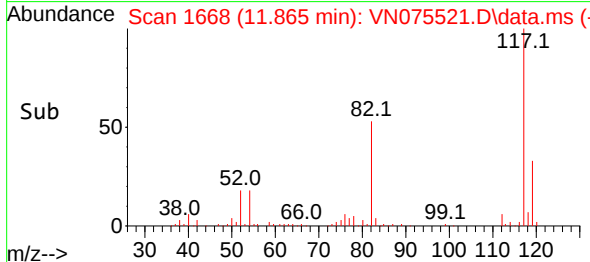
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



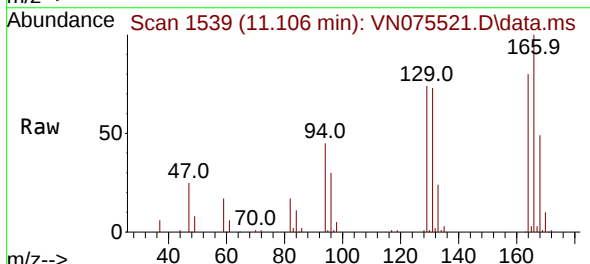
Tgt Ion:117 Resp: 24030
Ion Ratio Lower Upper
117 100
82 52.9 43.1 64.7
119 32.8 25.5 38.3

Manual Integrations
APPROVED

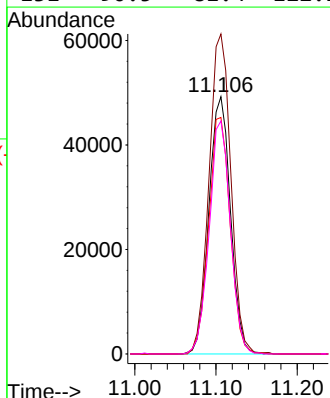
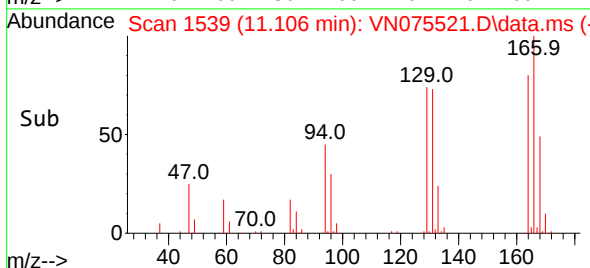
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

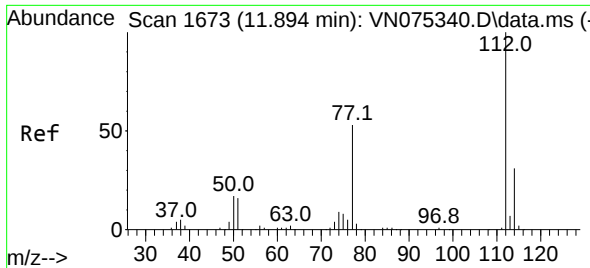


#64
Tetrachloroethene
Concen: 49.638 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54



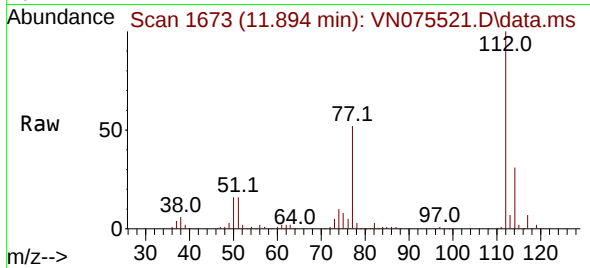
Tgt Ion:164 Resp: 91090
Ion Ratio Lower Upper
164 100
166 124.4 106.5 159.7
129 91.9 81.9 122.9
131 90.5 81.4 122.2





#65
Chlorobenzene
Concen: 52.873 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

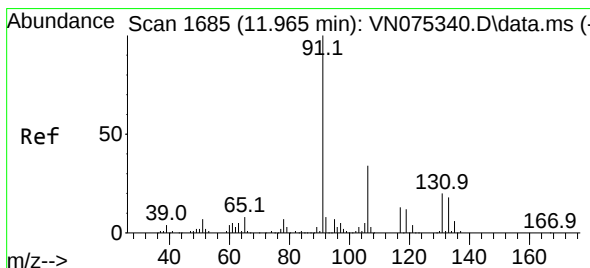
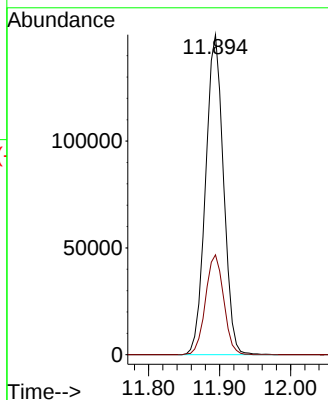
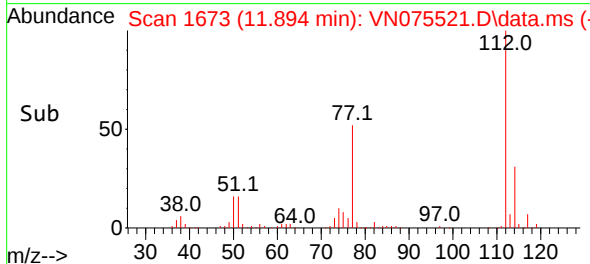
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 26238
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.2

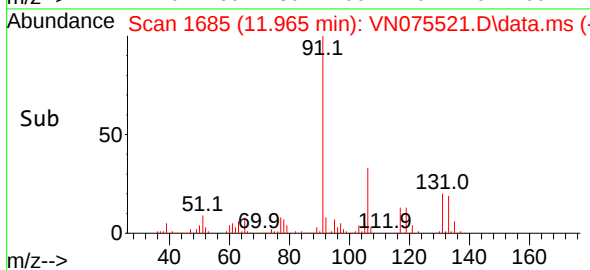
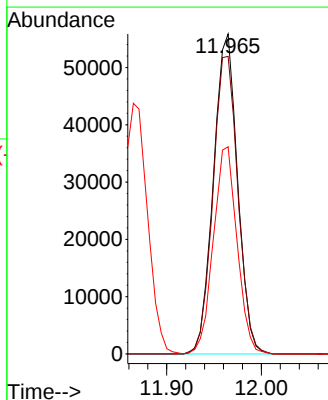
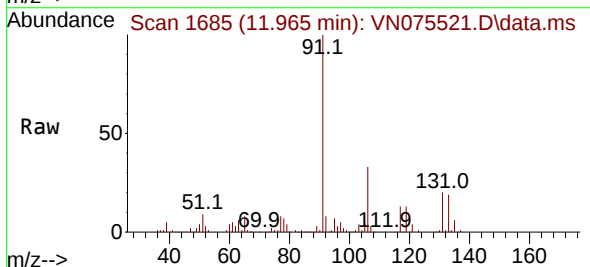
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 53.384 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

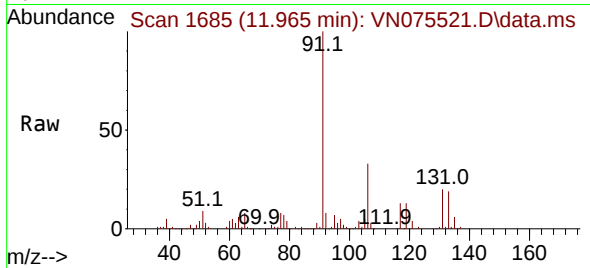
Tgt Ion:131 Resp: 98876
Ion Ratio Lower Upper
131 100
133 96.3 47.8 143.4
119 63.8 33.0 99.0





#67
Ethyl Benzene
Concen: 54.969 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

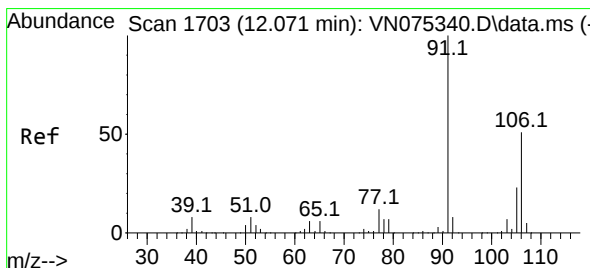
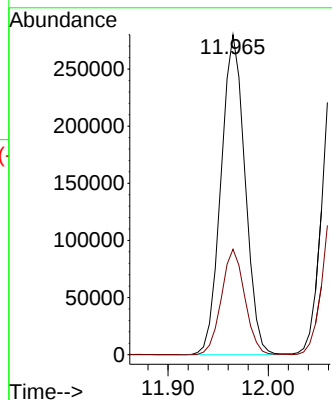
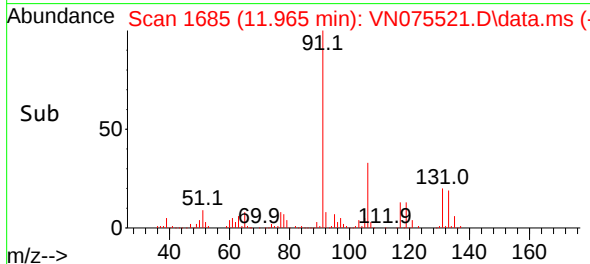
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 465397
Ion Ratio Lower Upper
91 100
106 32.9 24.9 37.3

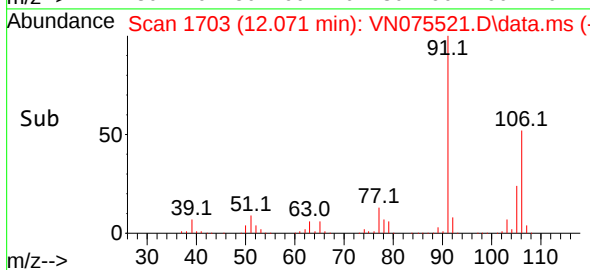
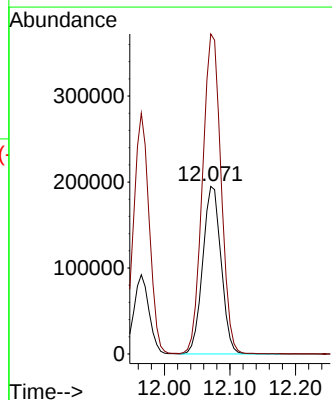
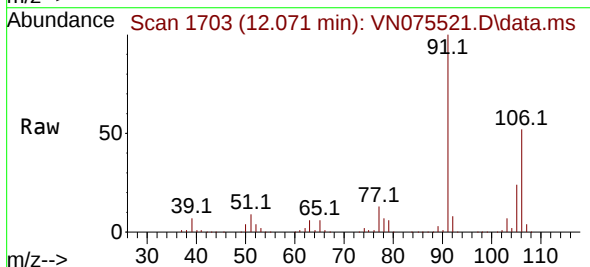
Manual Integrations
APPROVED

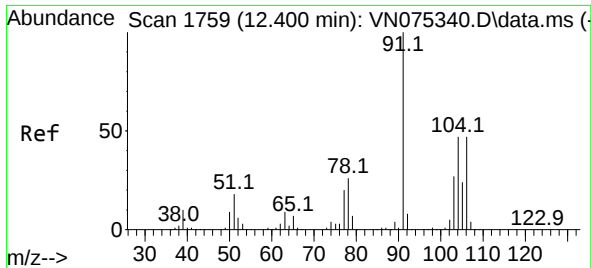
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#68
m/p-Xylenes
Concen: 110.616 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

Tgt Ion:106 Resp: 380314
Ion Ratio Lower Upper
106 100
91 193.0 156.0 234.0





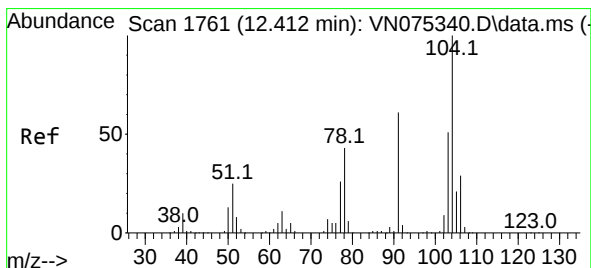
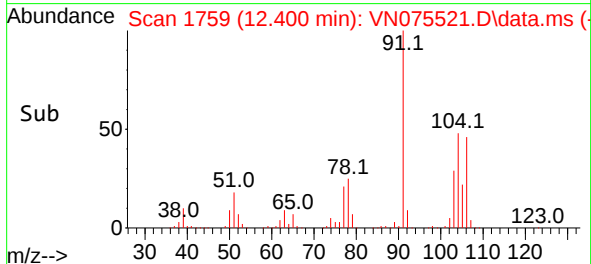
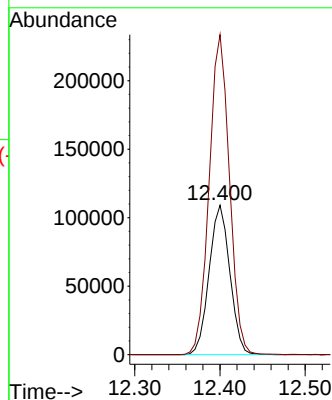
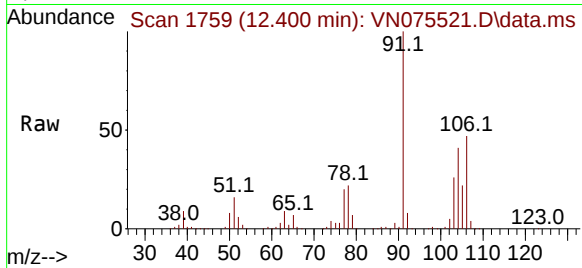
#69
o-Xylene
Concen: 54.057 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 184660
Ion Ratio Lower Upper
106 100
91 209.6 105.2 315.5

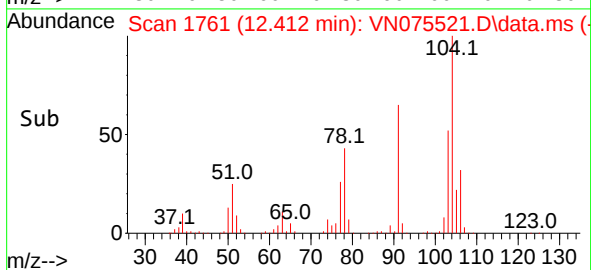
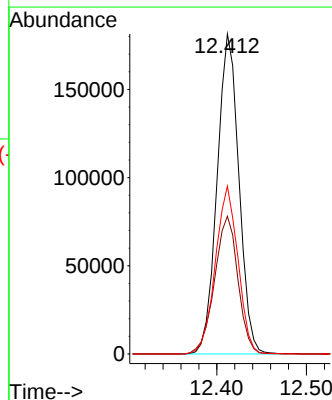
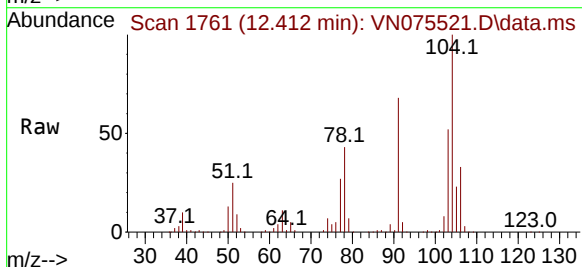
Manual Integrations
APPROVED

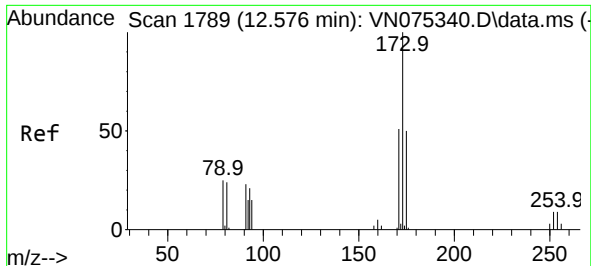
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#70
Styrene
Concen: 56.805 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

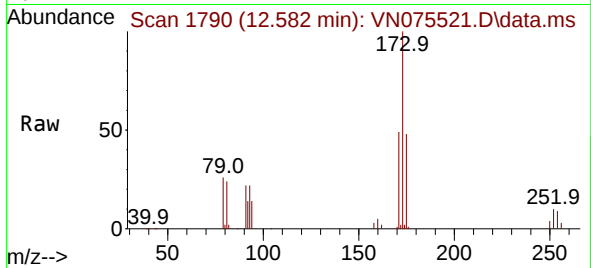
Tgt Ion:104 Resp: 306114
Ion Ratio Lower Upper
104 100
78 46.1 38.1 57.1
103 54.3 44.6 66.8





#71
Bromoform
Concen: 56.849 ug/l
RT: 12.582 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

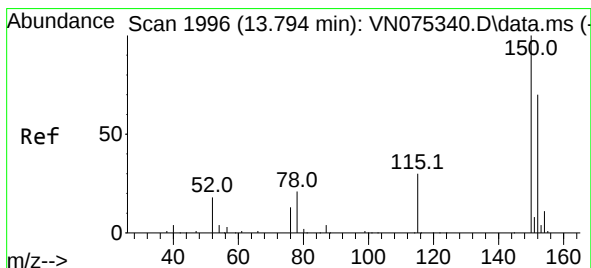
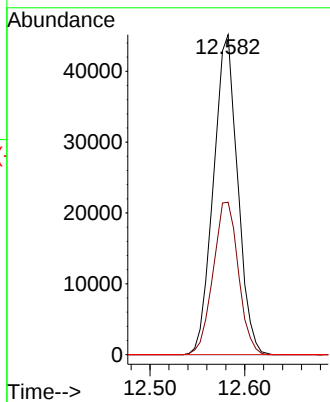
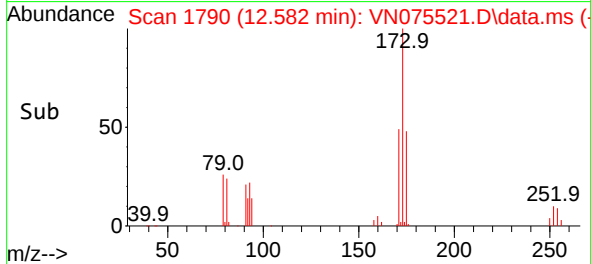
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 80138
Ion Ratio Lower Upper
173 100
175 49.8 24.6 74.0
254 0.0 0.0 0.0

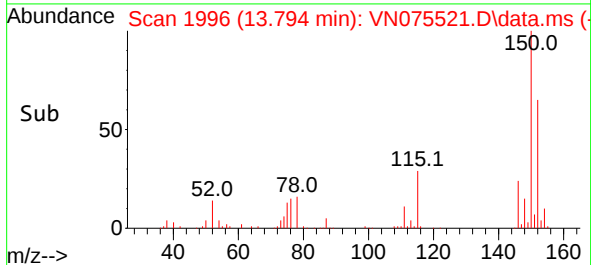
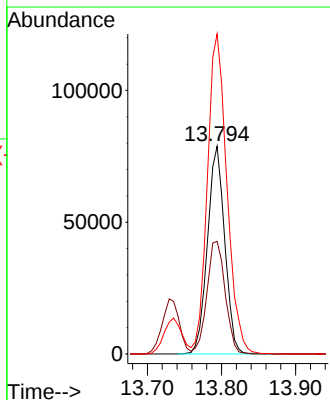
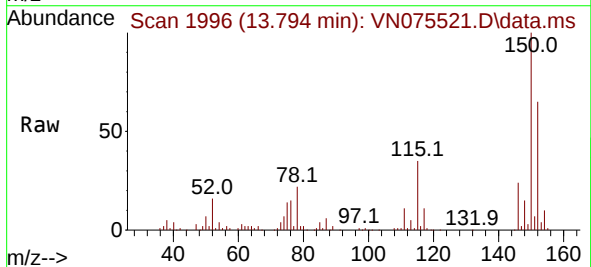
Manual Integrations
APPROVED

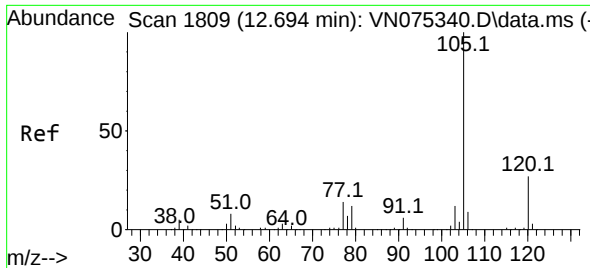
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

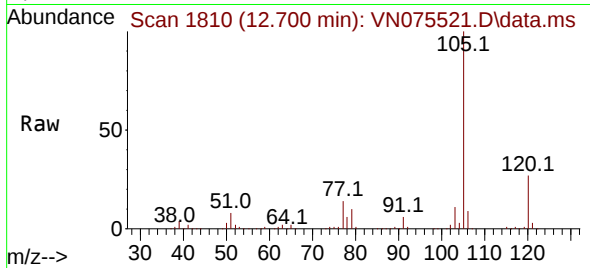
Tgt Ion:152 Resp: 127571
Ion Ratio Lower Upper
152 100
115 57.4 30.2 90.6
150 173.8 0.0 348.4





#73
Isopropylbenzene
Concen: 52.905 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

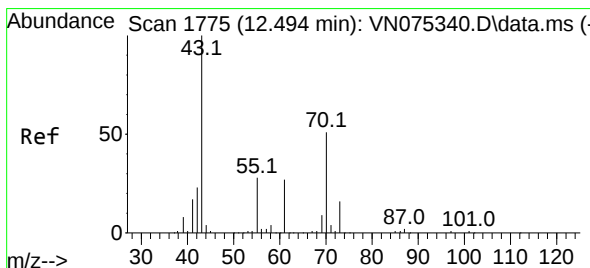
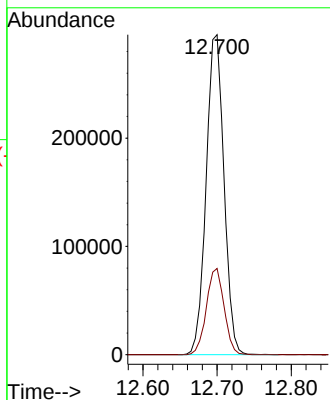
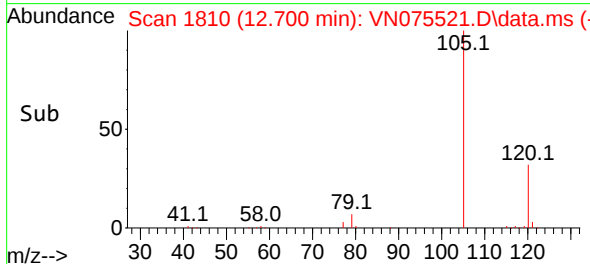
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 49309
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1

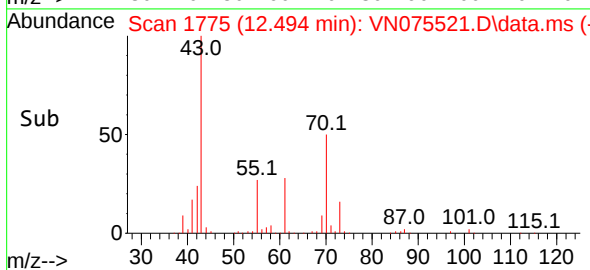
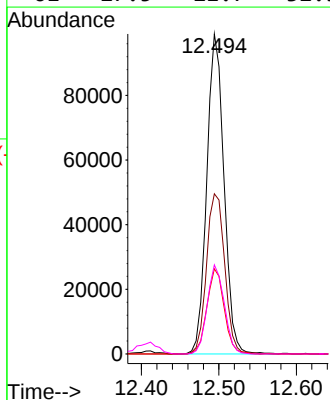
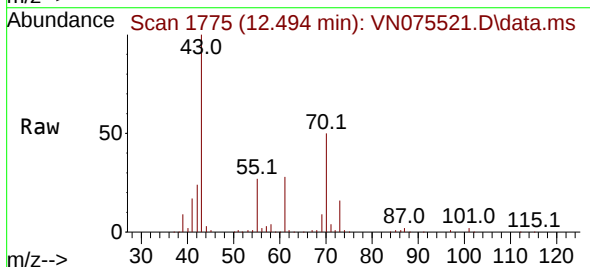
Manual Integrations
APPROVED

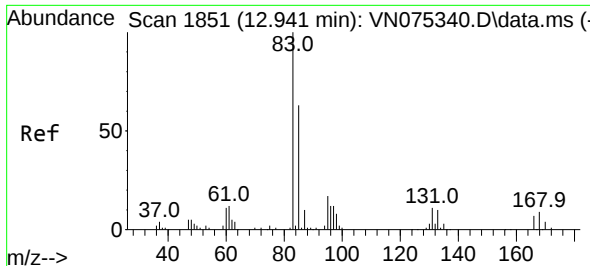
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#74
N-ethyl acetate
Concen: 53.350 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

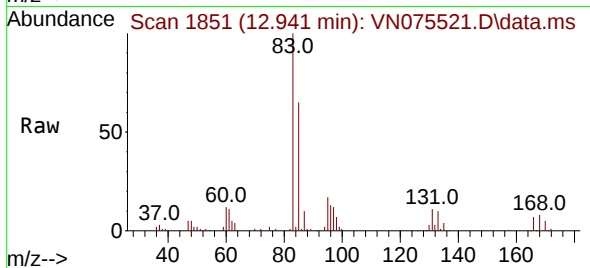
Tgt Ion: 43 Resp: 152866
Ion Ratio Lower Upper
43 100
70 53.0 39.8 59.8
55 26.8 19.9 29.9
61 27.5 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 50.591 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

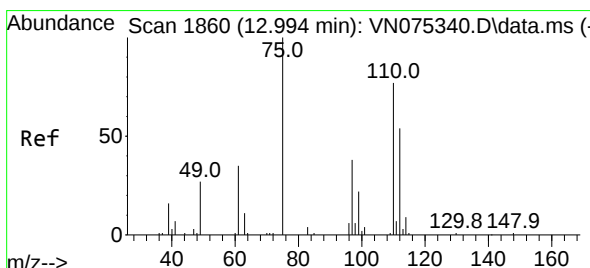
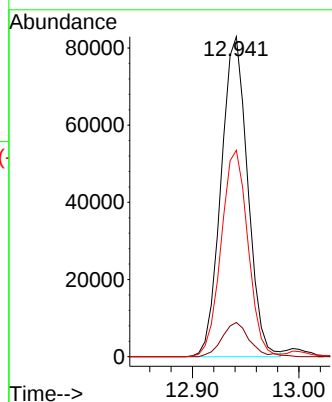
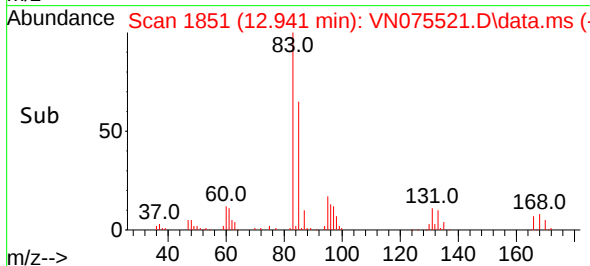
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 14375
Ion Ratio Lower Upper
83 100
131 11.1 5.1 15.3
85 64.9 31.6 94.7

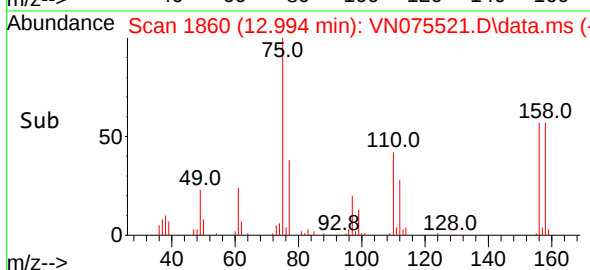
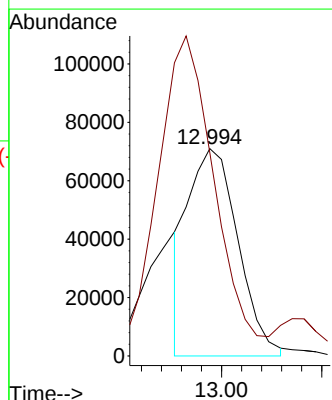
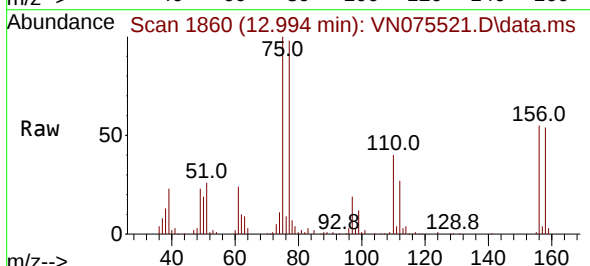
Manual Integrations
APPROVED

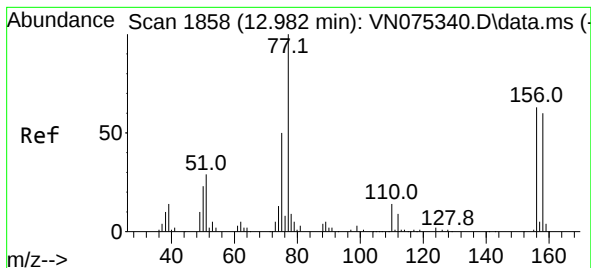
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#76
1,2,3-Trichloropropane
Concen: 50.888 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

Tgt Ion: 75 Resp: 122743
Ion Ratio Lower Upper
75 100
77 177.7 75.6 226.8





#77

Bromobenzene

Concen: 52.156 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN075521.D

Acq: 01 Dec 2022 17:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

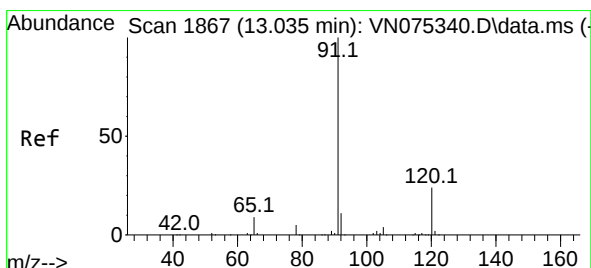
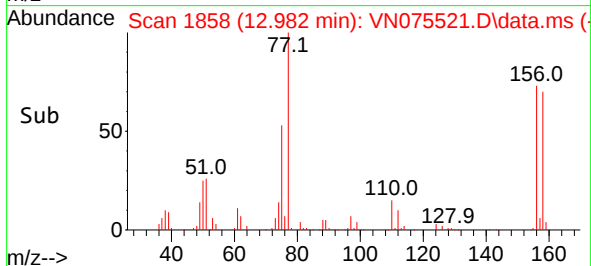
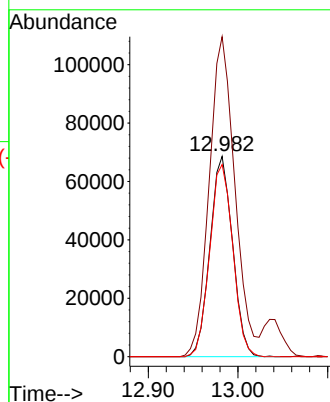
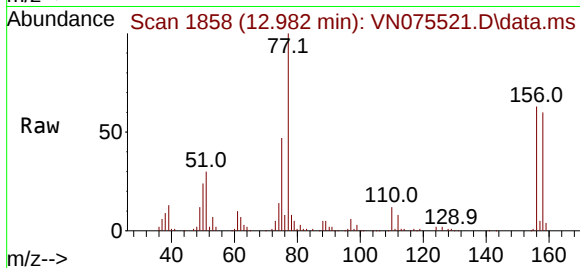
Tgt Ion:156 Resp: 120010
 Ion Ratio Lower Upper
 156 100
 77 181.7 108.5 325.5
 158 97.9 47.7 143.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#78

n-propylbenzene

Concen: 53.009 ug/l

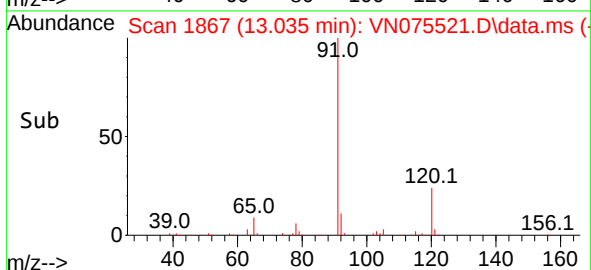
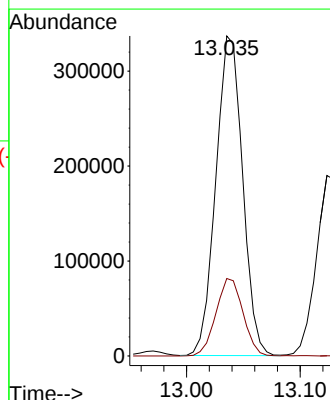
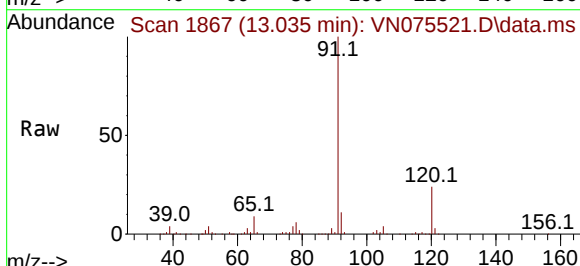
RT: 13.035 min Scan# 1867

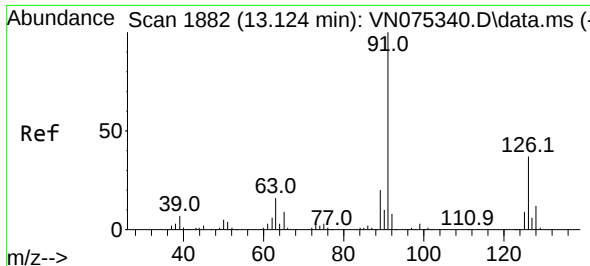
Delta R.T. 0.000 min

Lab File: VN075521.D

Acq: 01 Dec 2022 17:54

Tgt Ion: 91 Resp: 551375
 Ion Ratio Lower Upper
 91 100
 120 24.5 11.9 35.5





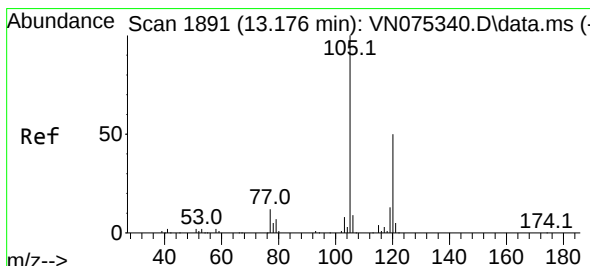
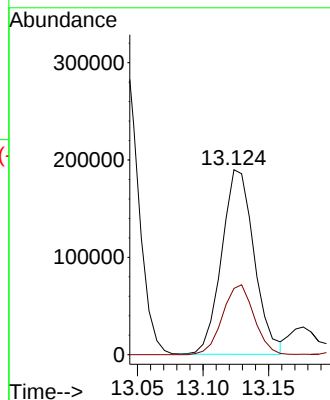
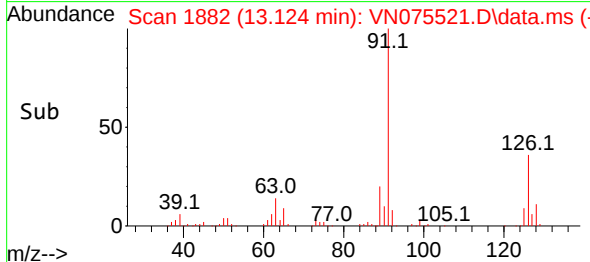
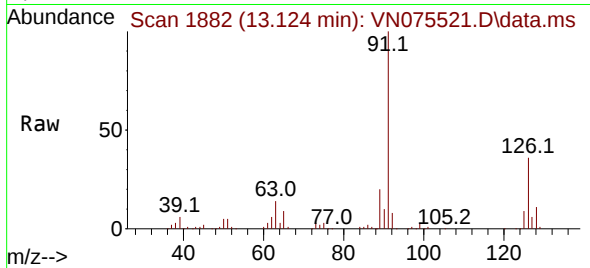
#79
2-Chlorotoluene
Concen: 52.262 ug/l
RT: 13.124 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 32753
Ion Ratio Lower Upper
91 100
126 36.7 16.9 50.7

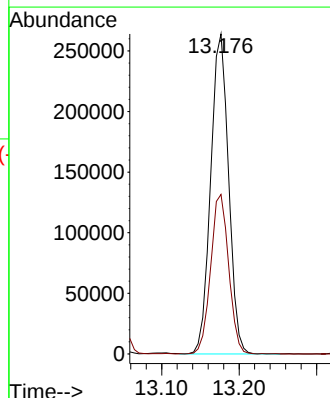
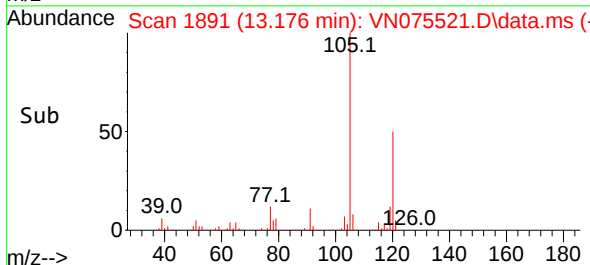
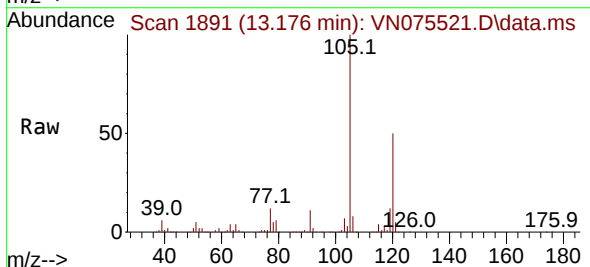
Manual Integrations
APPROVED

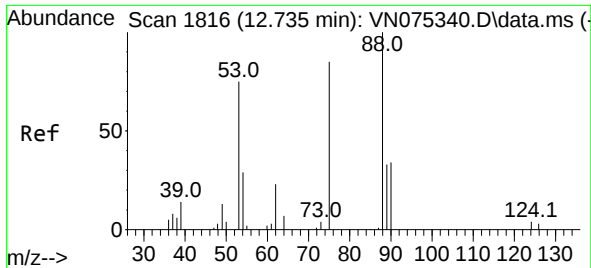
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#80
1,3,5-Trimethylbenzene
Concen: 54.713 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

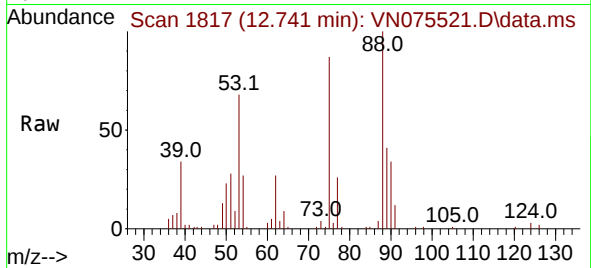
Tgt Ion:105 Resp: 423665
Ion Ratio Lower Upper
105 100
120 50.2 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 52.857 ug/l m
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

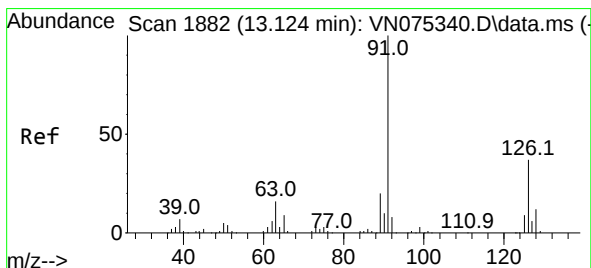
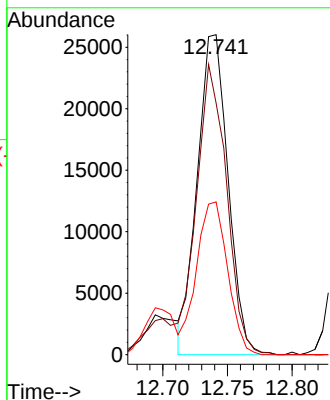
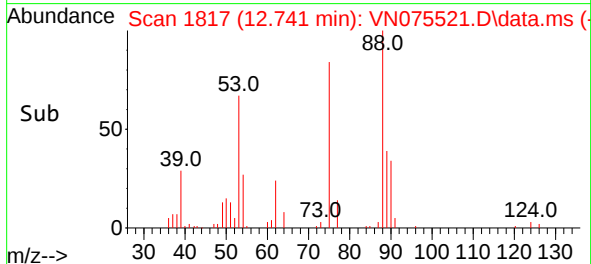
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 43090
Ion Ratio Lower Upper
75 100
53 100.1 78.5 117.7
89 48.5 37.7 56.5

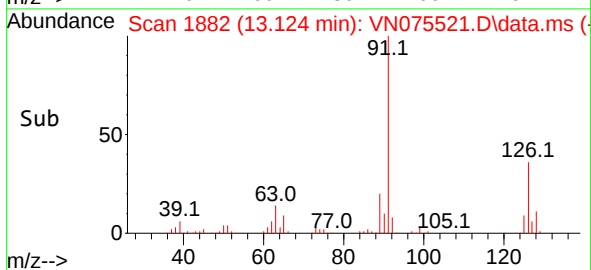
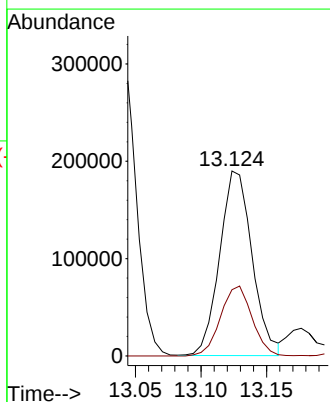
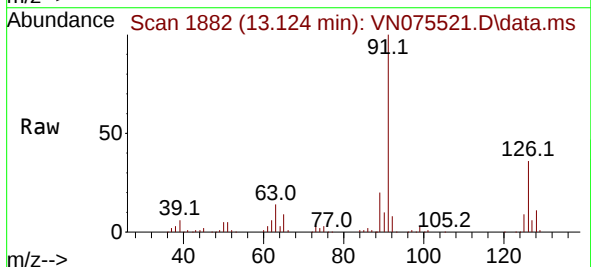
Manual Integrations
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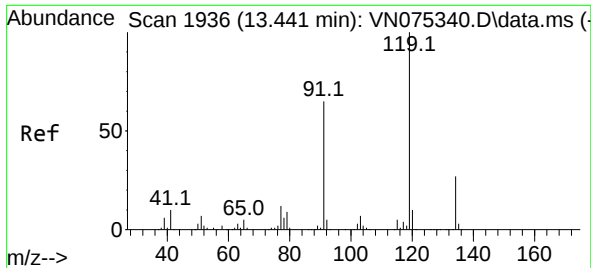
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#82
4-Chlorotoluene
Concen: 52.262 ug/l
RT: 13.124 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

Tgt Ion: 91 Resp: 327533
Ion Ratio Lower Upper
91 100
126 36.7 16.9 50.7





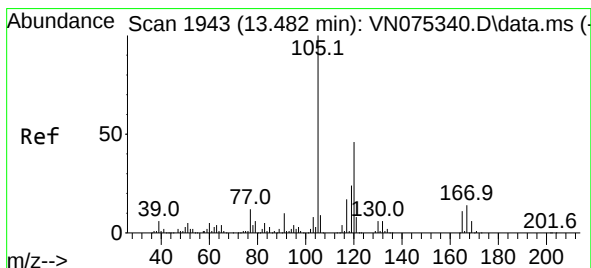
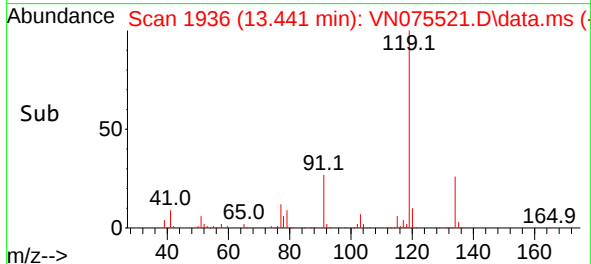
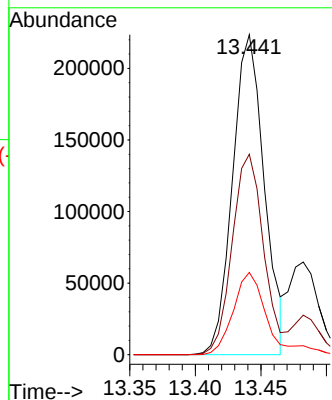
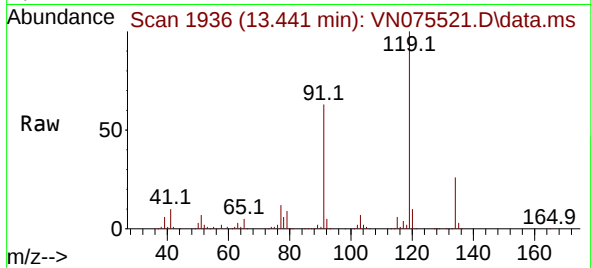
#83
tert-Butylbenzene
Concen: 53.178 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 37544
Ion Ratio Lower Upper
119 100
91 63.2 32.8 98.4
134 27.5 12.3 36.9

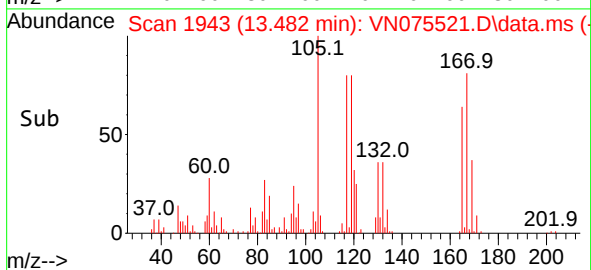
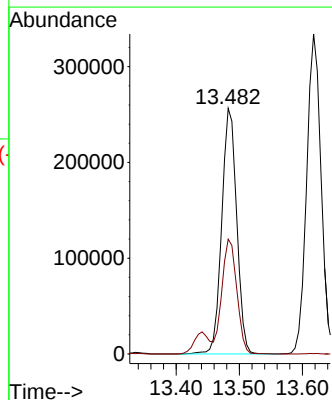
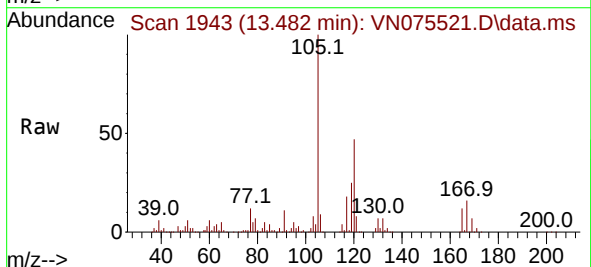
Manual Integrations
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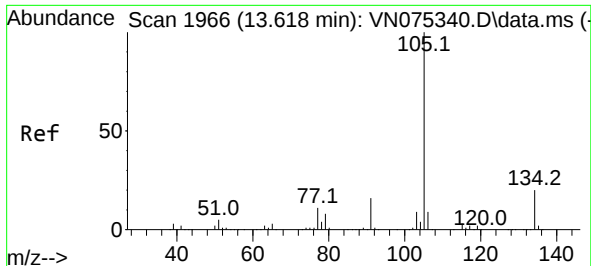
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#84
1,2,4-Trimethylbenzene
Concen: 54.461 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

Tgt Ion:105 Resp: 423003
Ion Ratio Lower Upper
105 100
120 46.3 22.7 68.1





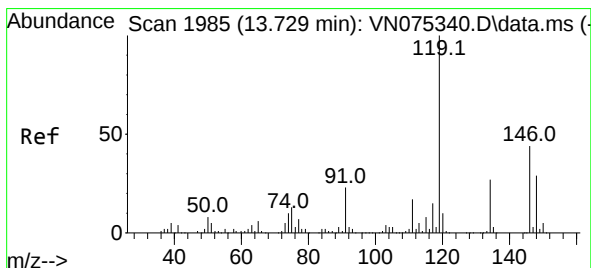
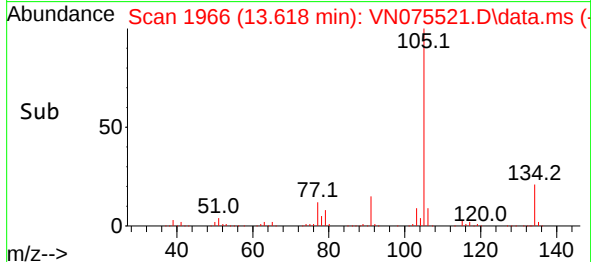
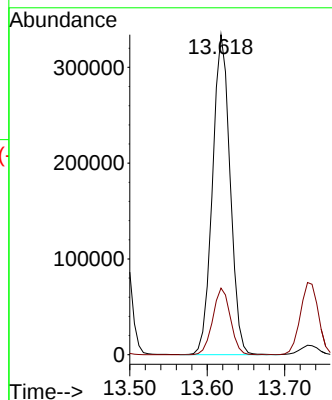
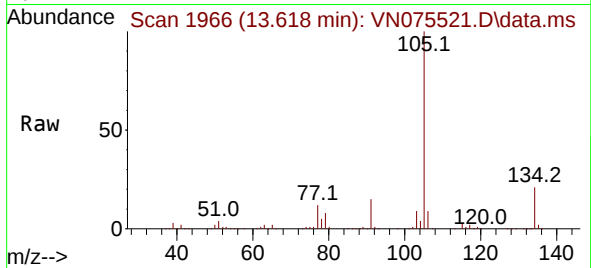
#85
 sec-Butylbenzene
 Concen: 55.212 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075521.D
 Acq: 01 Dec 2022 17:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 528900
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.6

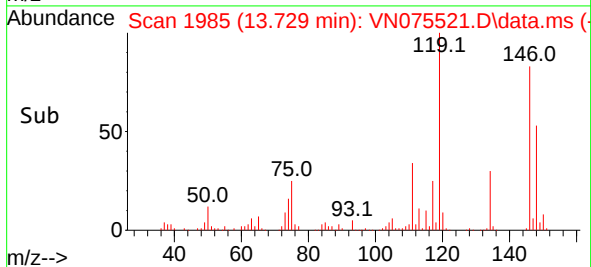
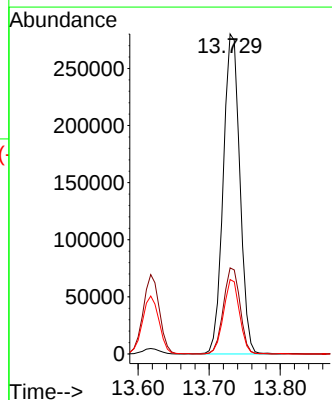
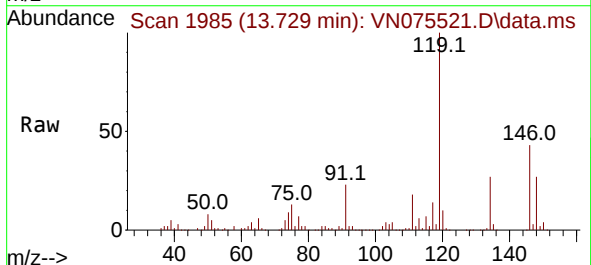
Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/02/2022
 Supervised By :Mahesh Dadoda 12/02/2022



#86
 p-Isopropyltoluene
 Concen: 56.293 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075521.D
 Acq: 01 Dec 2022 17:54

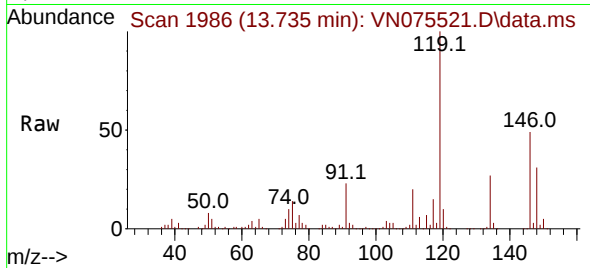
Tgt Ion:119 Resp: 453716
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.1 39.3
 91 22.5 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 51.862 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

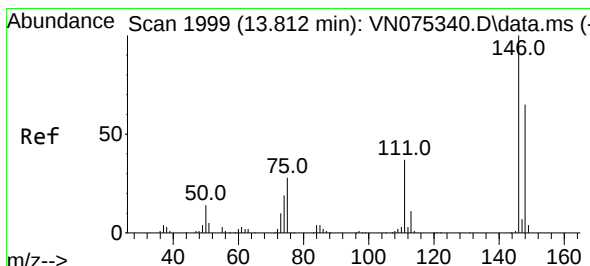
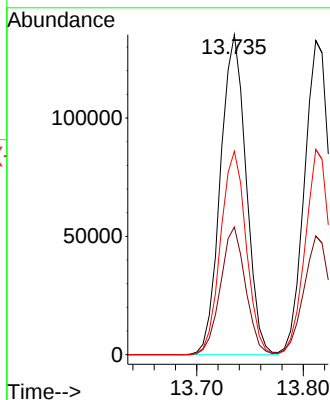
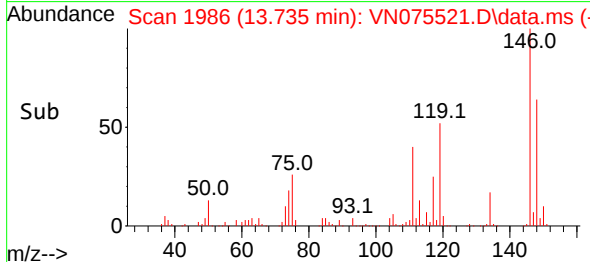
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



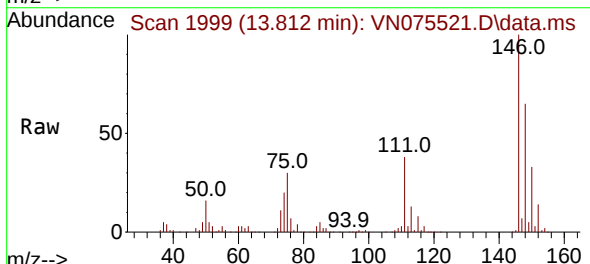
Tgt Ion:146 Resp: 22610
Ion Ratio Lower Upper
146 100
111 38.9 20.8 62.5
148 63.4 31.1 93.5

Manual Integrations
APPROVED

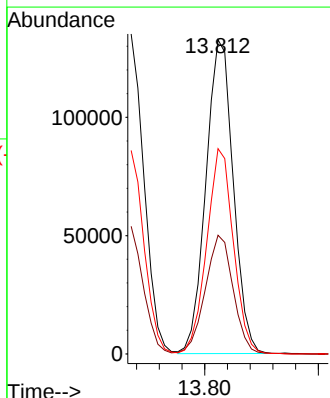
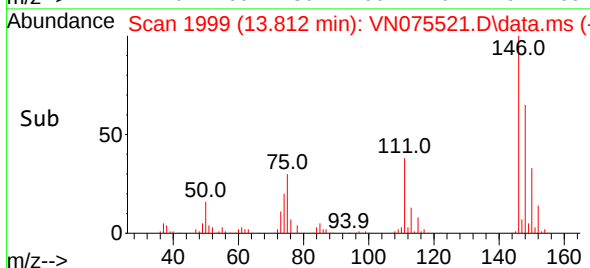
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

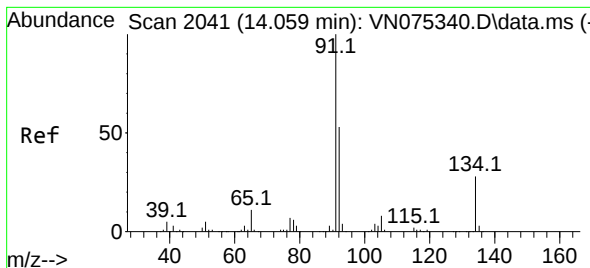


#88
1,4-Dichlorobenzene
Concen: 50.090 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54



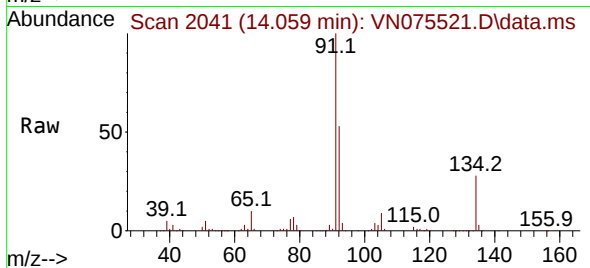
Tgt Ion:146 Resp: 221830
Ion Ratio Lower Upper
146 100
111 38.8 20.1 60.3
148 64.0 31.9 95.7





#89
n-Butylbenzene
Concen: 53.086 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

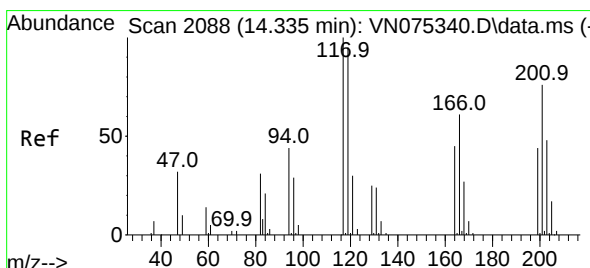
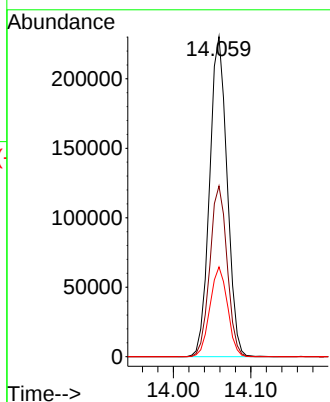
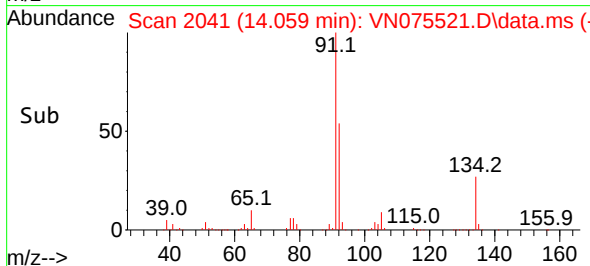
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 361379
Ion Ratio Lower Upper
91 100
92 52.6 26.5 79.4
134 28.1 13.0 39.0

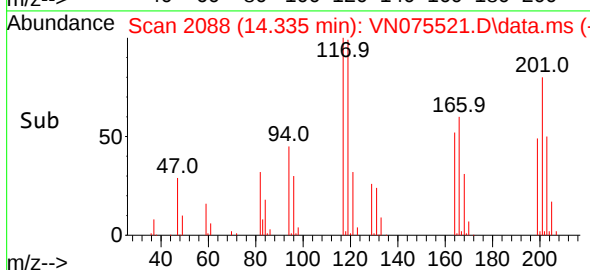
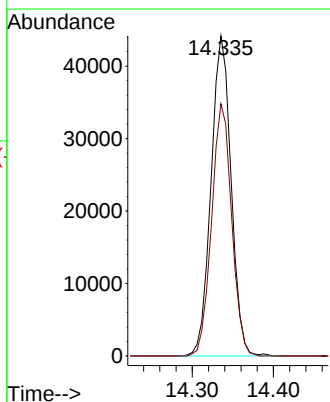
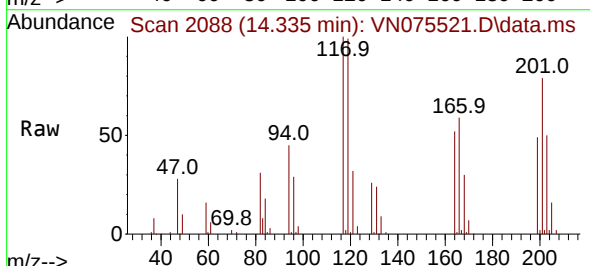
Manual Integrations
APPROVED

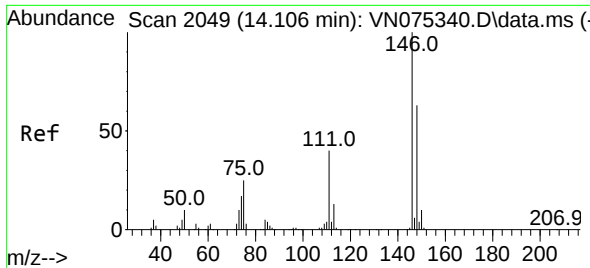
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#90
Hexachloroethane
Concen: 54.434 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

Tgt Ion:117 Resp: 75687
Ion Ratio Lower Upper
117 100
201 78.8 31.5 94.5





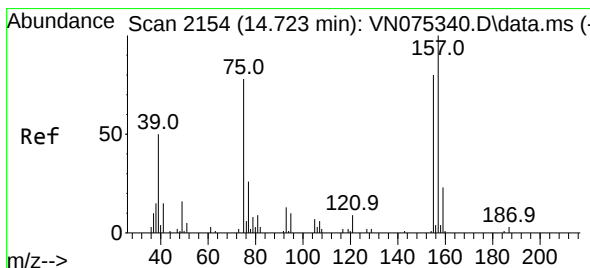
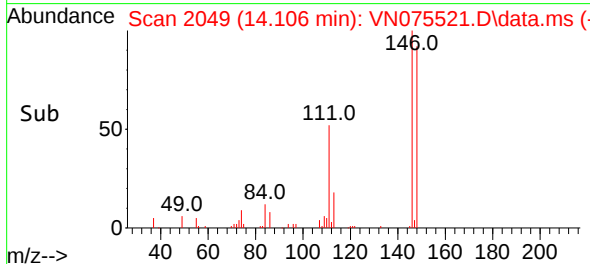
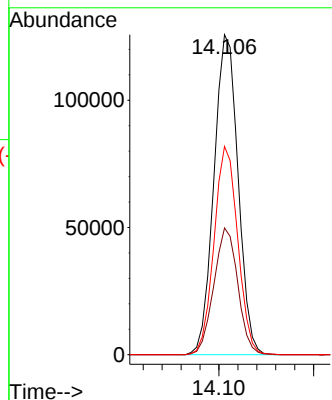
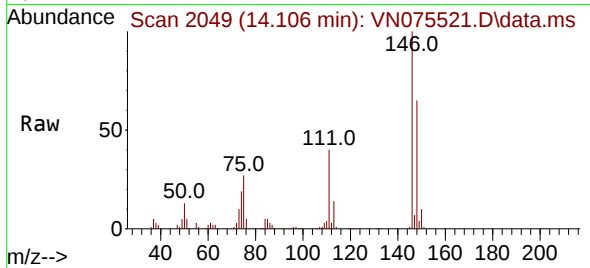
#91
1,2-Dichlorobenzene
Concen: 52.379 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 22259
Ion Ratio Lower Upper
146 100
111 39.4 21.3 63.9
148 63.9 31.4 94.2

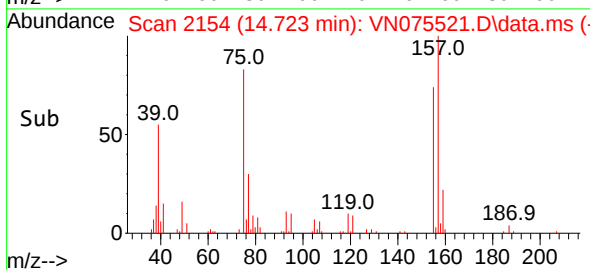
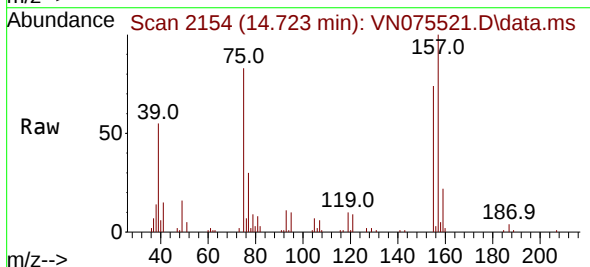
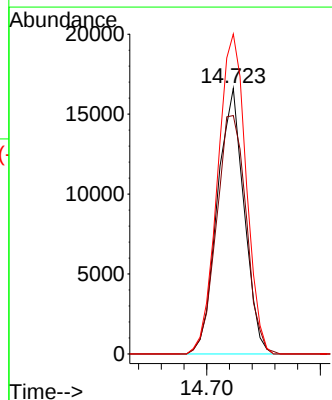
Manual Integrations
APPROVED

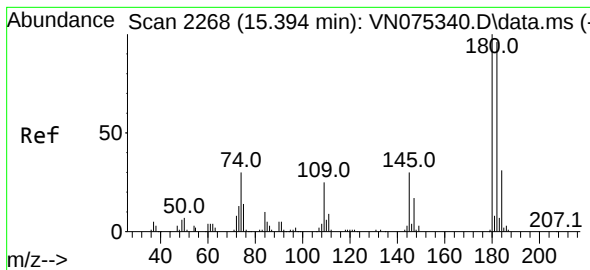
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.800 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

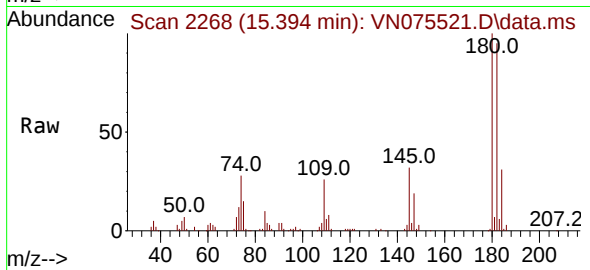
Tgt Ion: 75 Resp: 27344
Ion Ratio Lower Upper
75 100
155 98.9 42.1 126.3
157 127.4 51.7 155.1





#93
1,2,4-Trichlorobenzene
Concen: 54.789 ug/l
RT: 15.394 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54

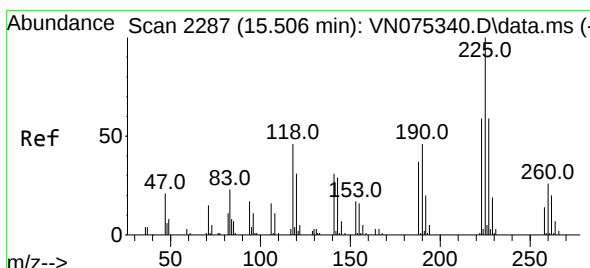
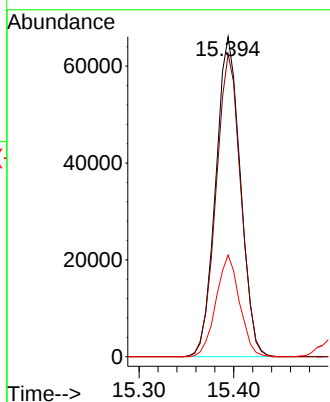
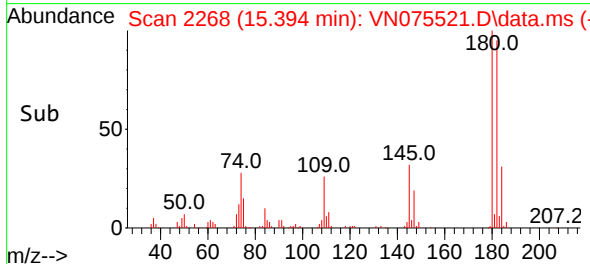
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



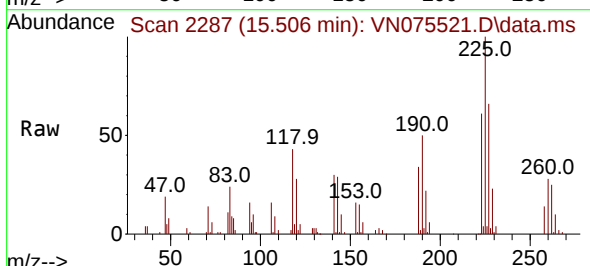
Tgt Ion:180 Resp: 119318
Ion Ratio Lower Upper
180 100
182 95.1 47.8 143.4
145 30.3 16.8 50.3

Manual Integrations
APPROVED

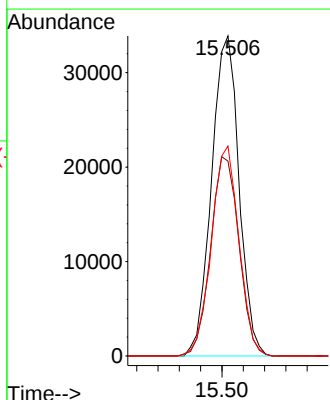
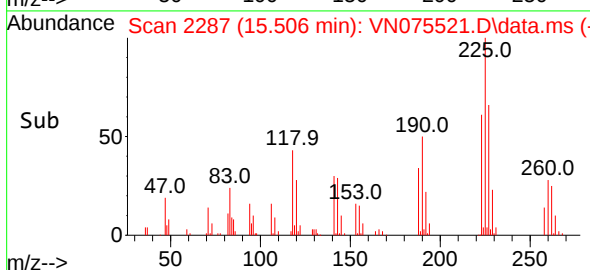
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

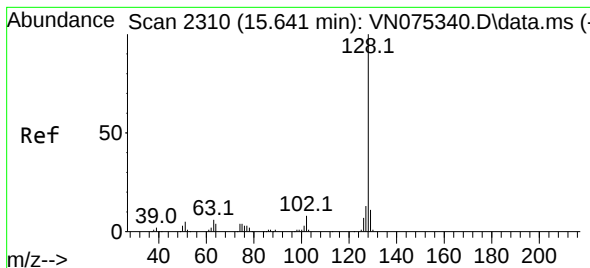


#94
Hexachlorobutadiene
Concen: 53.481 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VN075521.D
Acq: 01 Dec 2022 17:54



Tgt Ion:225 Resp: 60666
Ion Ratio Lower Upper
225 100
223 64.1 32.3 96.9
227 65.8 32.0 96.2





#95

Naphthalene

Concen: 53.785 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN075521.D

Acq: 01 Dec 2022 17:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

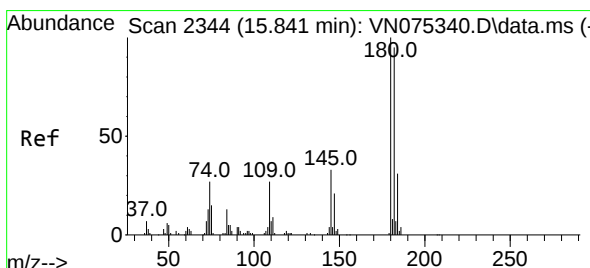
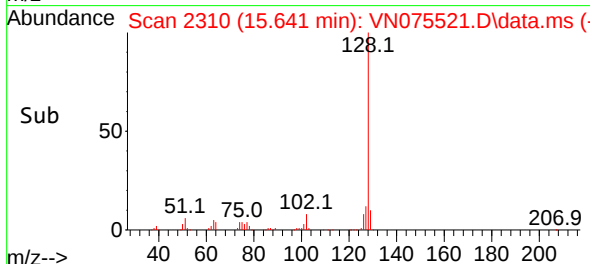
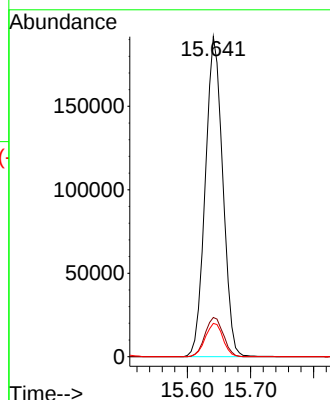
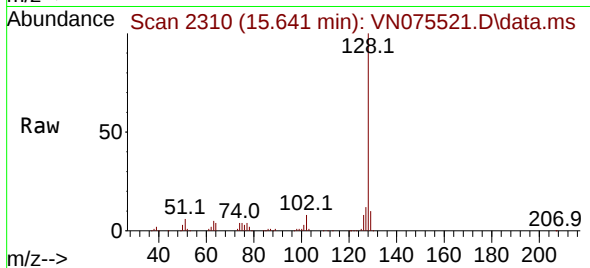
Tgt Ion:	128	Resp:	36849
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.4	15.6
129	10.5	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#96

1,2,3-Trichlorobenzene

Concen: 53.789 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN075521.D

Acq: 01 Dec 2022 17:54

Tgt Ion:	180	Resp:	115130
Ion Ratio	Lower	Upper	
180	100		
182	96.8	47.3	141.8
145	32.4	17.6	52.9

