

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020323\
 Data File : VN076533.D
 Acq On : 03 Feb 2023 16:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 03 22:18:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/06/2023
 Supervised By : Mahesh Dadoda 02/06/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	505461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	835693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	764385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	388027	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	303411	53.610	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.220%			
35) Dibromofluoromethane	8.171	113	272541	52.135	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.260%			
50) Toluene-d8	10.565	98	1003496	51.978	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.960%			
62) 4-Bromofluorobenzene	12.847	95	389793	61.847	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 123.700%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	219649	42.405	ug/l	97
3) Chloromethane	2.377	50	240776	44.896	ug/l	96
4) Vinyl Chloride	2.530	62	230028	34.980	ug/l	99
5) Bromomethane	2.959	94	149064	27.680	ug/l	96
6) Chloroethane	3.130	64	140181	28.429	ug/l	99
7) Trichlorofluoromethane	3.512	101	452110	49.973	ug/l	99
8) Diethyl Ether	3.971	74	160893	53.022	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.389	101	257211	50.222	ug/l	98
10) Methyl Iodide	4.600	142	366758	46.882	ug/l	98
11) Tert butyl alcohol	5.536	59	196232	259.222	ug/l	99
12) 1,1-Dichloroethene	4.353	96	234078	48.349	ug/l	89
13) Acrolein	4.189	56	214740	237.202	ug/l	99
14) Allyl chloride	5.036	41	297729	52.771	ug/l	92
15) Acrylonitrile	5.730	53	535468	248.570	ug/l	99
16) Acetone	4.436	43	455215	250.906	ug/l	99
17) Carbon Disulfide	4.724	76	482056	39.989	ug/l	96
18) Methyl Acetate	5.036	43	304439	49.514	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	854002	54.184	ug/l	97
20) Methylene Chloride	5.289	84	271210	50.525	ug/l	99
21) trans-1,2-Dichloroethene	5.794	96	249235	47.520	ug/l	97
22) Diisopropyl ether	6.683	45	759361	57.073	ug/l	96
23) Vinyl Acetate	6.612	43	2343818	272.570	ug/l	100
24) 1,1-Dichloroethane	6.577	63	462735	52.175	ug/l	99
25) 2-Butanone	7.488	43	670405	241.940	ug/l	97
26) 2,2-Dichloropropane	7.494	77	413467	55.314	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	314137	51.353	ug/l	98
28) Bromochloromethane	7.818	49	189841	52.811	ug/l	98
29) Tetrahydrofuran	7.841	42	428427	250.514	ug/l	97
30) Chloroform	7.971	83	528767	53.882	ug/l	99
31) Cyclohexane	8.265	56	380271	43.739	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	478224	53.376	ug/l	96
36) 1,1-Dichloropropene	8.377	75	359982	48.461	ug/l	99
37) Ethyl Acetate	7.565	43	264817	44.450	ug/l	96
38) Carbon Tetrachloride	8.365	117	411833	49.716	ug/l	97
39) Methylcyclohexane	9.600	83	440545	48.565	ug/l	97
40) Benzene	8.612	78	1095334	49.313	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020323\
 Data File : VN076533.D
 Acq On : 03 Feb 2023 16:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 03 22:18:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/06/2023
 Supervised By : Mahesh Dadoda 02/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	150293	48.176	ug/l	96
42) 1,2-Dichloroethane	8.671	62	382564	50.339	ug/l	99
43) Isopropyl Acetate	8.688	43	475062	49.012	ug/l	99
44) Trichloroethene	9.353	130	300551	47.841	ug/l	99
45) 1,2-Dichloropropane	9.624	63	270633	50.890	ug/l	98
46) Dibromomethane	9.712	93	195720	48.745	ug/l	98
47) Bromodichloromethane	9.888	83	422848	54.299	ug/l	99
48) Methyl methacrylate	9.682	41	232120	50.585	ug/l	93
49) 1,4-Dioxane	9.700	88	95271	983.954	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	1403552	246.669	ug/l	98
52) Toluene	10.629	92	741050	49.890	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	425106	57.264	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	466287	54.596	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	295792	52.097	ug/l	96
56) Ethyl methacrylate	10.876	69	420992	57.434	ug/l #	93
57) 1,3-Dichloropropane	11.165	76	479504	51.969	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	586438	236.988	ug/l	99
59) 2-Hexanone	11.194	43	1000936	242.750	ug/l	97
60) Dibromochloromethane	11.359	129	334193	55.915	ug/l	99
61) 1,2-Dibromoethane	11.471	107	292284	51.574	ug/l	99
64) Tetrachloroethene	11.106	164	307630	44.627	ug/l	98
65) Chlorobenzene	11.894	112	797954	49.384	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	315827	52.534	ug/l	99
67) Ethyl Benzene	11.965	91	1465276	52.986	ug/l	100
68) m/p-Xylenes	12.071	106	1159878	104.597	ug/l	98
69) o-Xylene	12.400	106	572634	52.584	ug/l	95
70) Styrene	12.412	104	958974	55.152	ug/l	98
71) Bromoform	12.582	173	230952	53.195	ug/l #	100
73) Isopropylbenzene	12.694	105	1543444	51.417	ug/l	99
74) N-amyl acetate	12.494	43	427343	49.492	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	399248	46.266	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	357055m	50.521	ug/l	
77) Bromobenzene	12.982	156	350020	49.873	ug/l	95
78) n-propylbenzene	13.035	91	1770865	52.284	ug/l	99
79) 2-Chlorotoluene	13.123	91	1062162	51.105	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	1324693	52.676	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	119286	51.149	ug/l	98
82) 4-Chlorotoluene	13.123	91	1062162	51.105	ug/l	98
83) tert-Butylbenzene	13.441	119	1160281	51.876	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	1330900	52.779	ug/l	100
85) sec-Butylbenzene	13.617	105	1676586	54.021	ug/l	99
86) p-Isopropyltoluene	13.729	119	1422457	55.737	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	677720	47.901	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	665528	49.450	ug/l	98
89) n-Butylbenzene	14.059	91	1168171	57.661	ug/l	99
90) Hexachloroethane	14.335	117	233486	53.008	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	648274	46.004	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	68366	45.577	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	316339	46.551	ug/l	97
94) Hexachlorobutadiene	15.500	225	173694	46.448	ug/l	98
95) Naphthalene	15.641	128	868122	43.315	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	302988	46.759	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020323\
Data File : VN076533.D
Acq On : 03 Feb 2023 16:57
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

Quant Time: Feb 03 22:18:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 03:59:22 2023
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

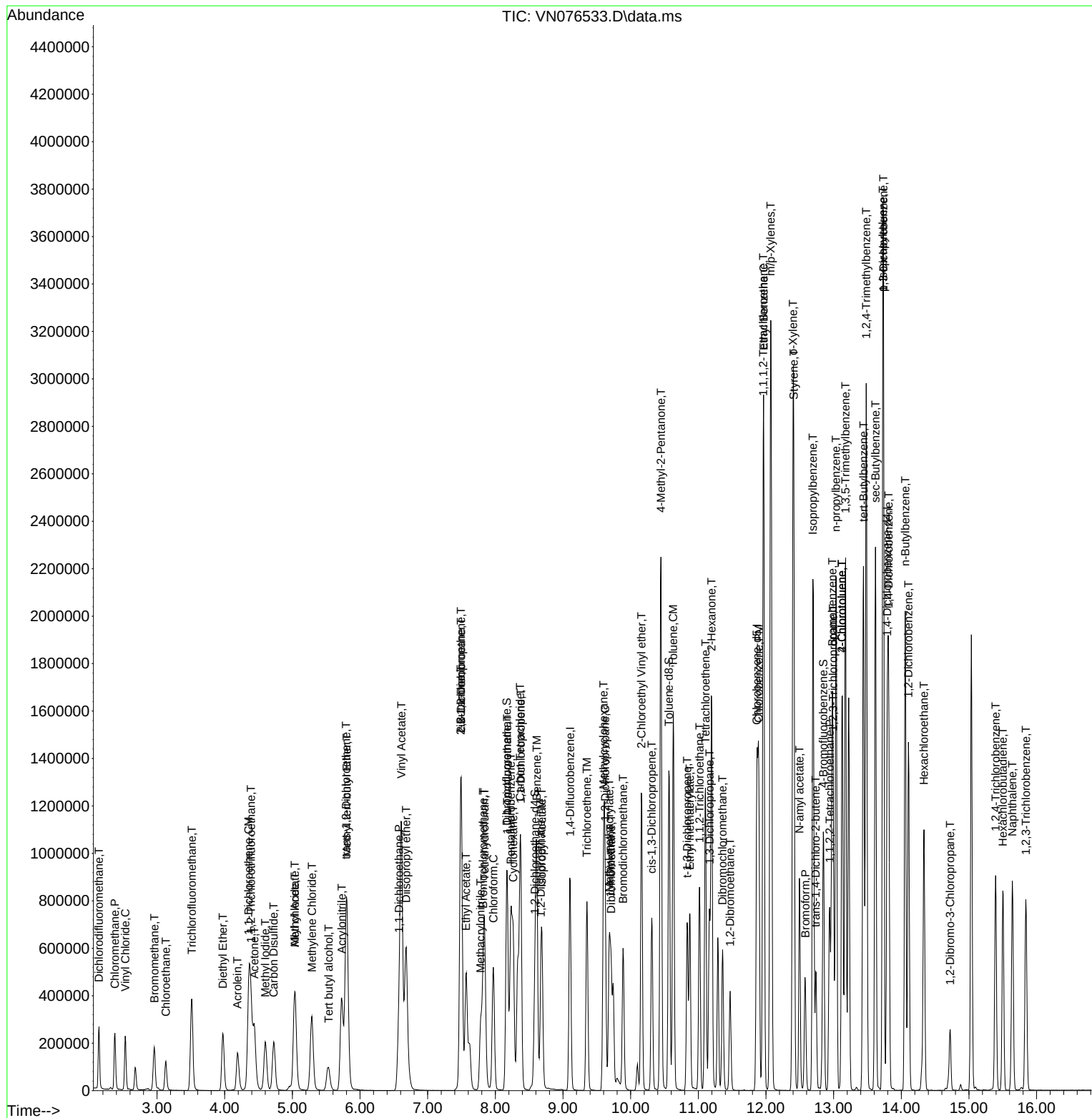
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN076533\
Data File : VN076533.D
Acq On : 03 Feb 2023 16:57
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

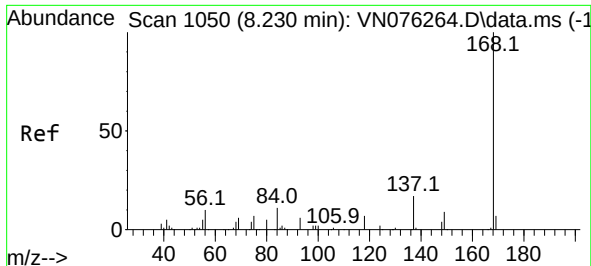
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Feb 03 22:18:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 03:59:22 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

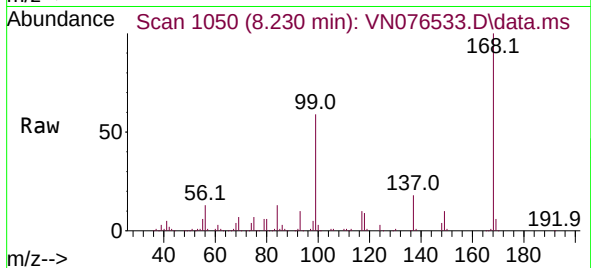
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

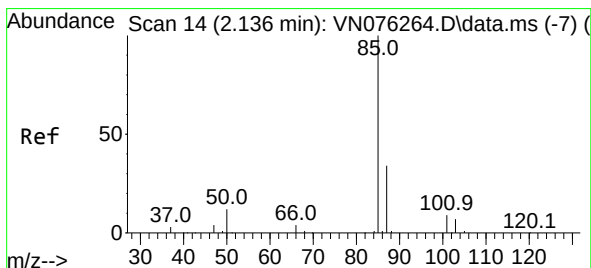
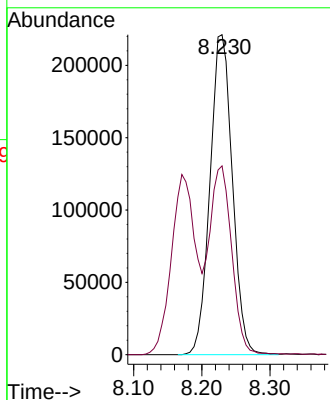
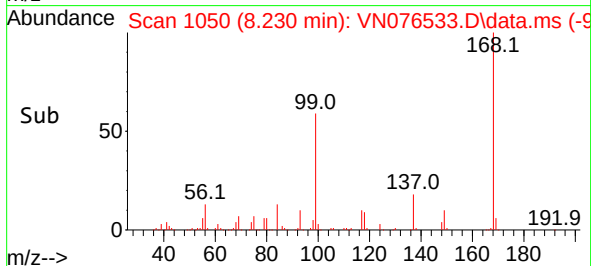
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



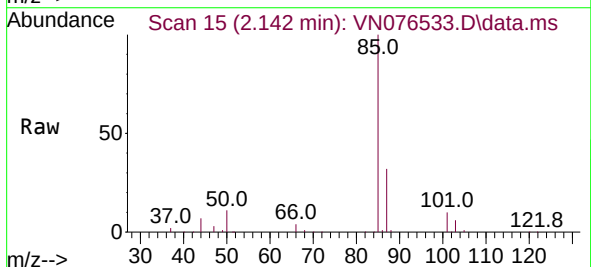
Tgt Ion:168 Resp: 50546
Ion Ratio Lower Upper
168 100
99 58.7 41.6 62.4

Manual Integrations
APPROVED

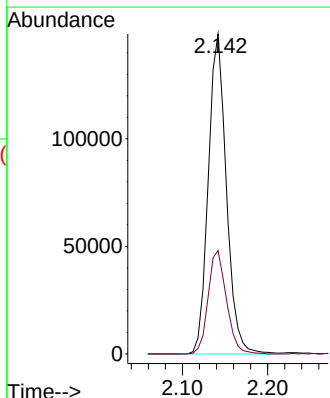
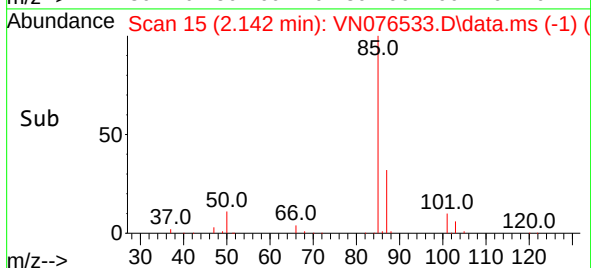
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

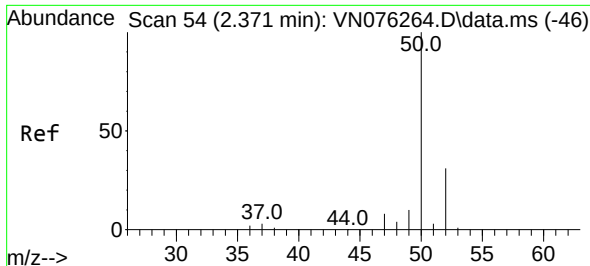


#2
Dichlorodifluoromethane
Concen: 42.405 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57



Tgt Ion: 85 Resp: 219649
Ion Ratio Lower Upper
85 100
87 32.3 17.1 51.2





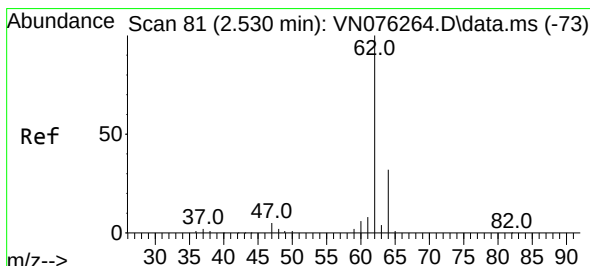
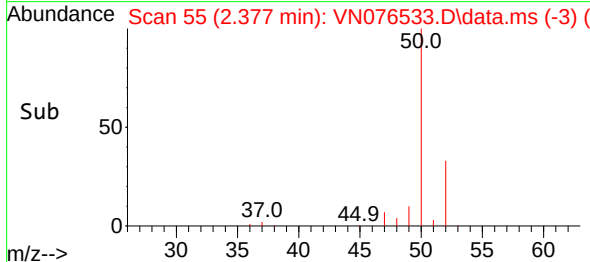
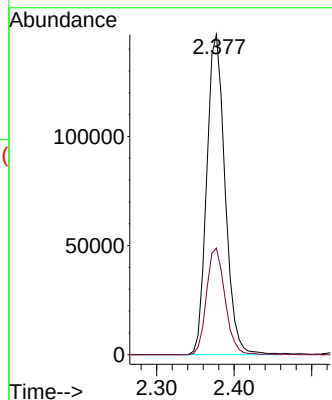
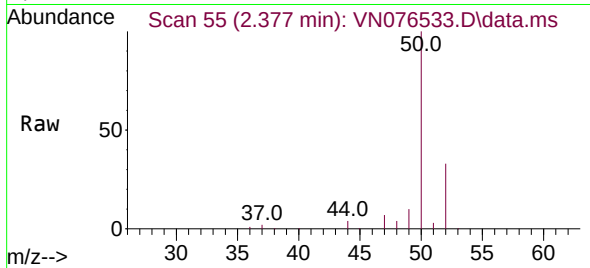
#3
Chloromethane
Concen: 44.896 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 240776
Ion Ratio Lower Upper
50 100
52 33.3 24.8 37.2

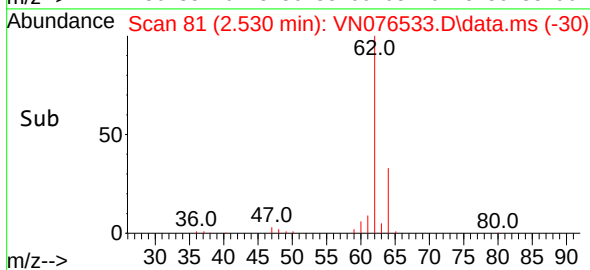
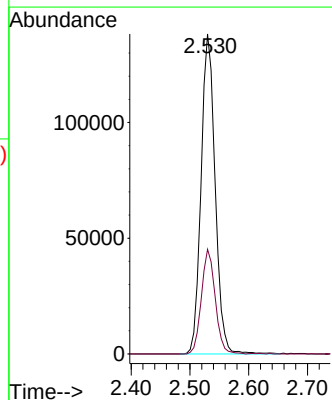
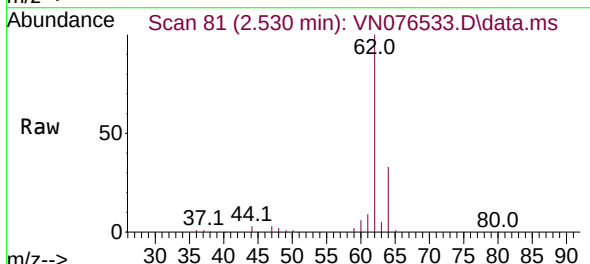
Manual Integrations
APPROVED

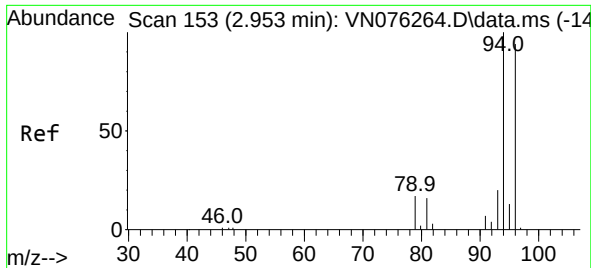
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#4
Vinyl Chloride
Concen: 34.980 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

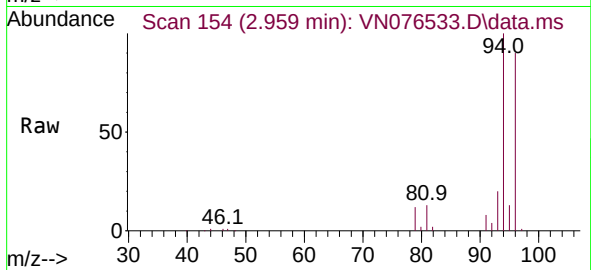
Tgt Ion: 62 Resp: 230028
Ion Ratio Lower Upper
62 100
64 32.7 25.8 38.6





#5
Bromomethane
Concen: 27.680 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

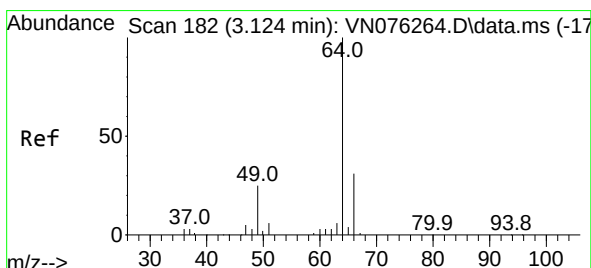
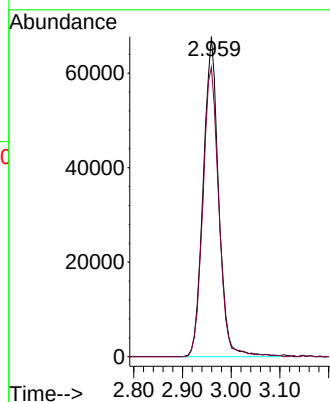
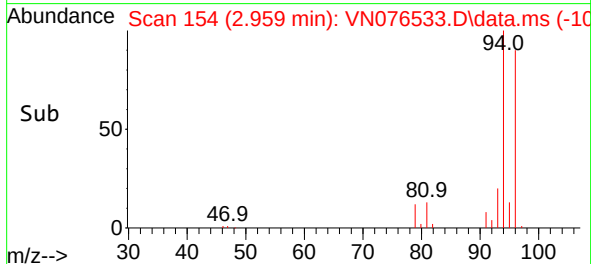
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 149064
Ion Ratio Lower Upper
94 100
96 90.4 75.1 112.7

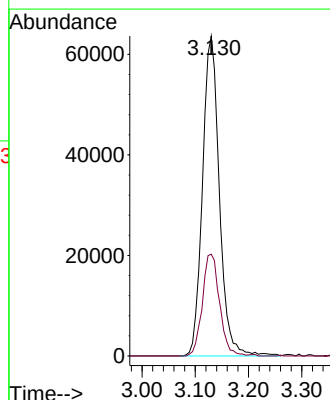
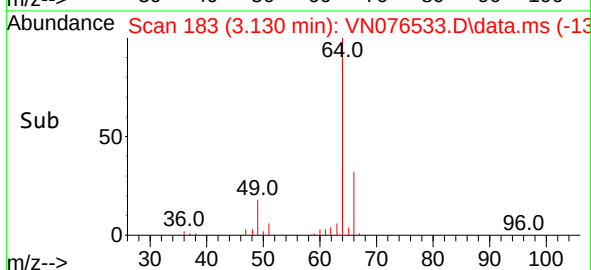
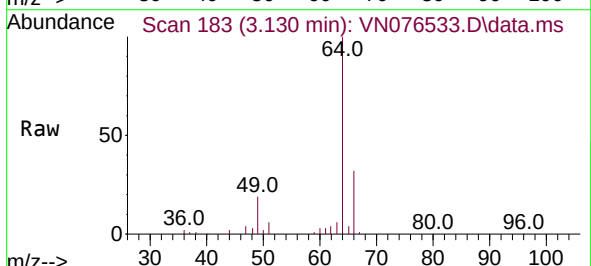
Manual Integrations
APPROVED

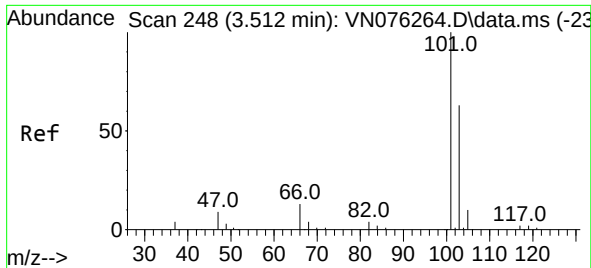
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#6
Chloroethane
Concen: 28.429 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.006 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

Tgt Ion: 64 Resp: 140181
Ion Ratio Lower Upper
64 100
66 31.8 24.8 37.2





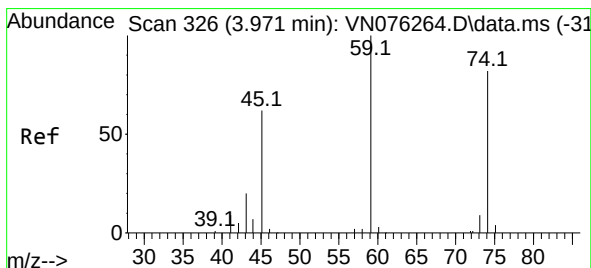
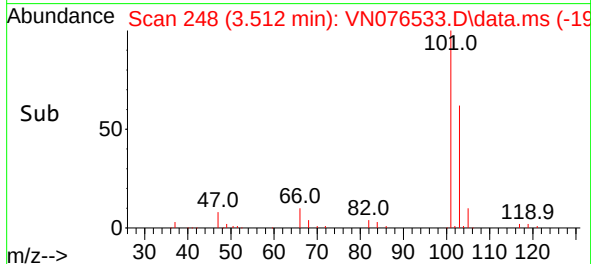
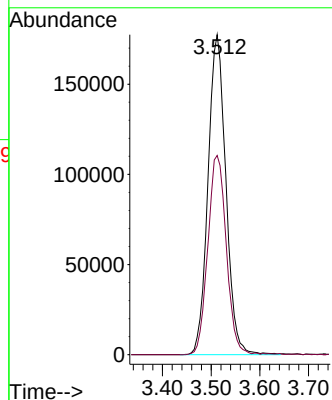
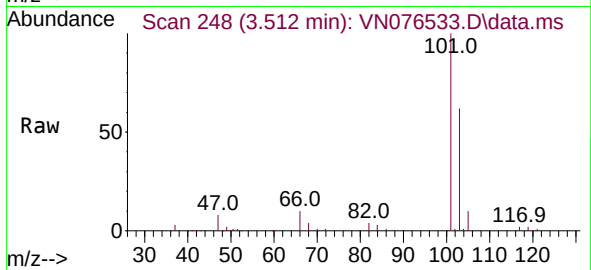
#7
 Trichlorofluoromethane
 Concen: 49.973 ug/l
 RT: 3.512 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VN076533.D
 Acq: 03 Feb 2023 16:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 452110
 Ion Ratio Lower Upper
 101 100
 103 62.3 50.2 75.4

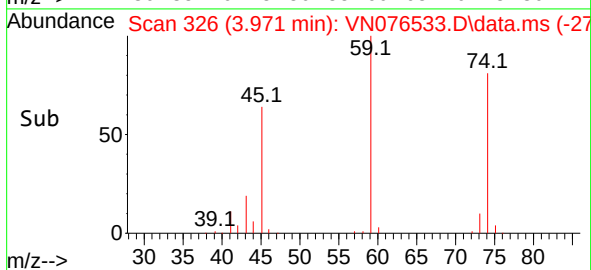
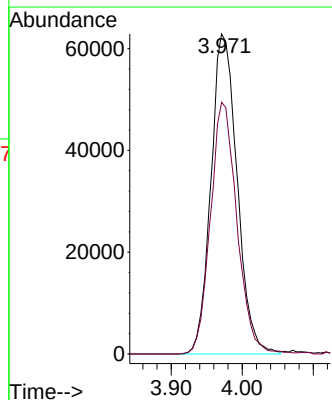
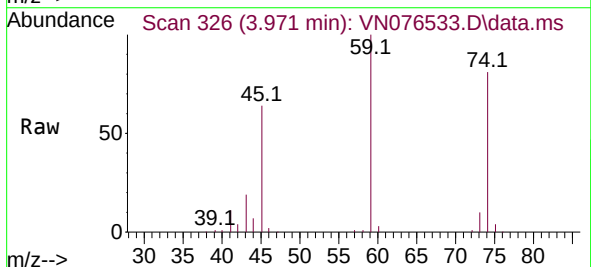
Manual Integrations
 APPROVED

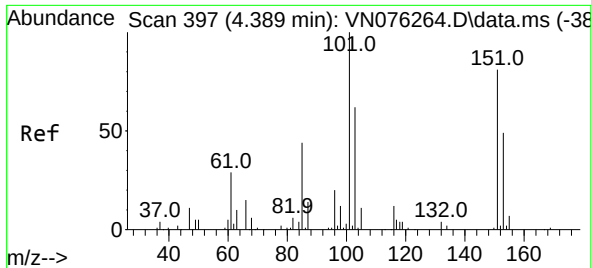
Reviewed By :John Carlone 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023



#8
 Diethyl Ether
 Concen: 53.022 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.000 min
 Lab File: VN076533.D
 Acq: 03 Feb 2023 16:57

Tgt Ion: 74 Resp: 160893
 Ion Ratio Lower Upper
 74 100
 45 79.6 37.8 113.3





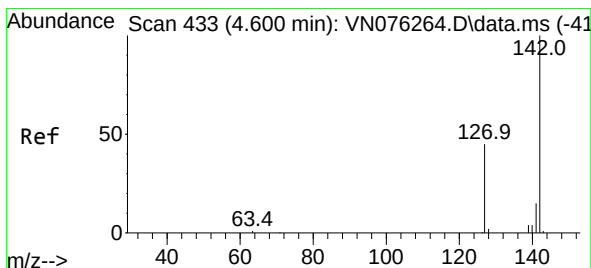
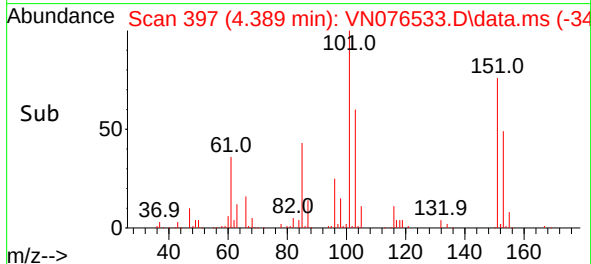
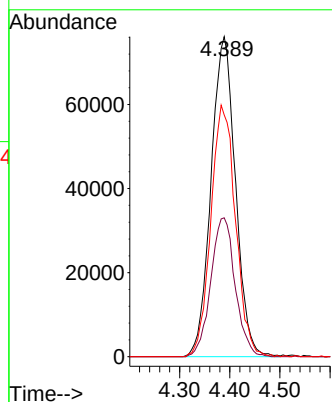
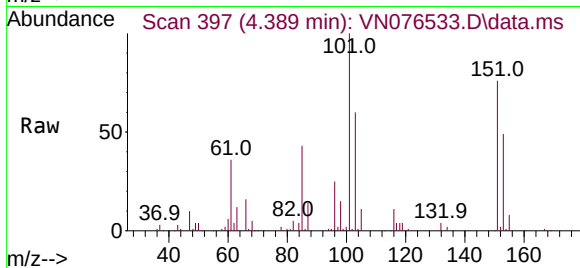
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.222 ug/l
RT: 4.389 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 25721
Ion Ratio Lower Upper
101 100
85 43.4 35.5 53.3
151 79.6 65.5 98.3

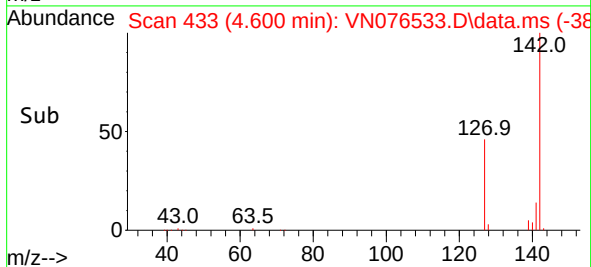
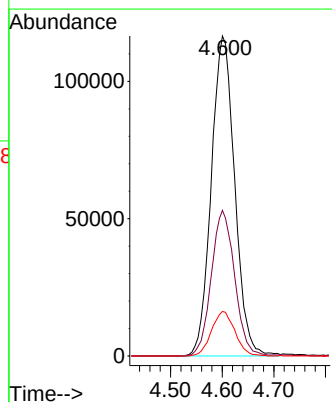
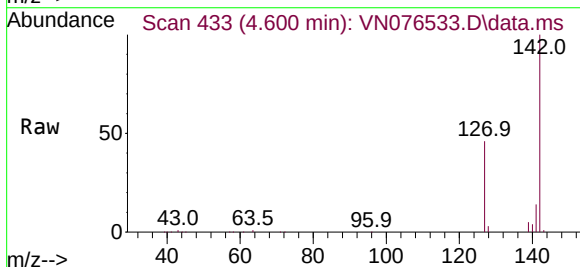
Manual Integrations
APPROVED

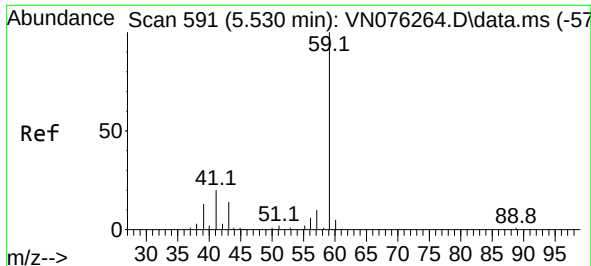
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#10
Methyl Iodide
Concen: 46.882 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

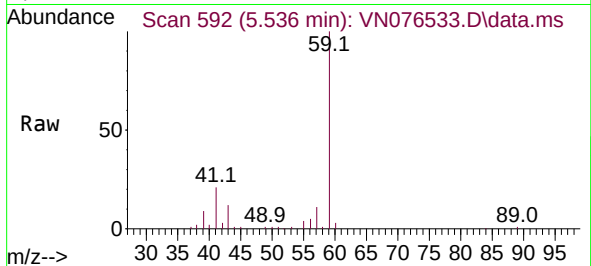
Tgt Ion:142 Resp: 366758
Ion Ratio Lower Upper
142 100
127 45.2 35.0 52.4
141 13.9 11.5 17.3





#11
Tert butyl alcohol
Concen: 259.222 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

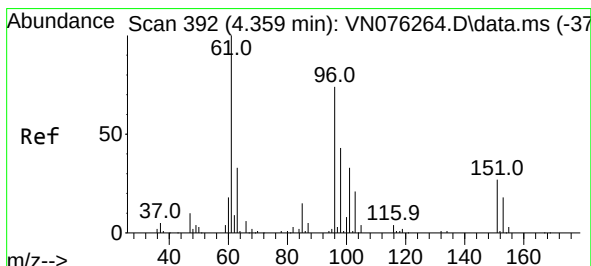
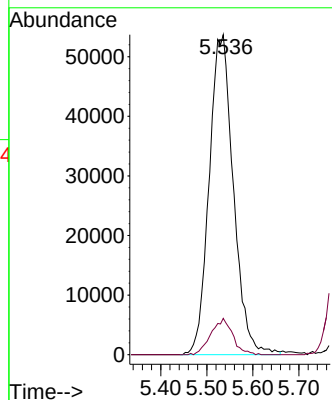
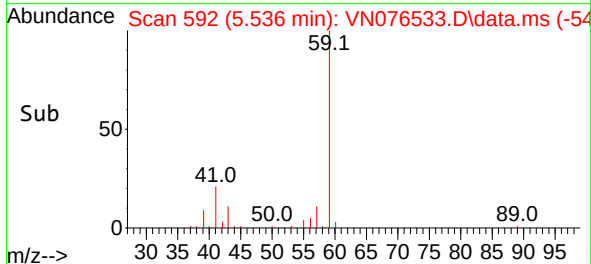
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 19623
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

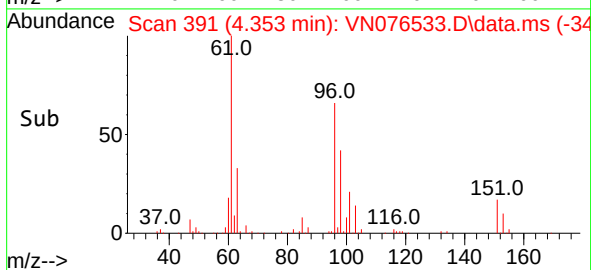
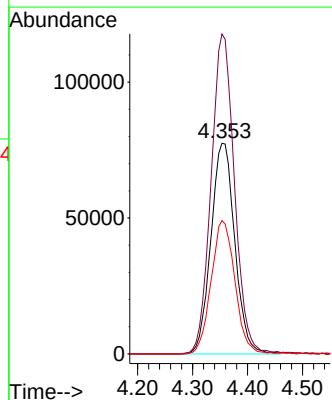
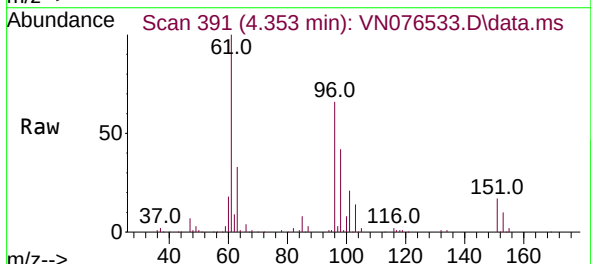
Manual Integrations
APPROVED

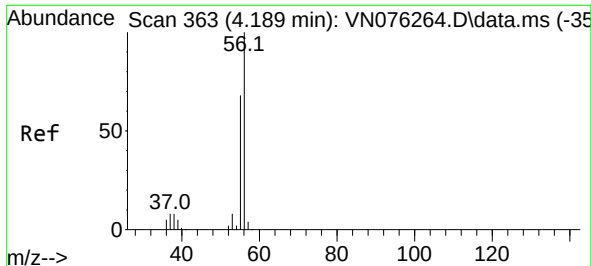
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#12
1,1-Dichloroethene
Concen: 48.349 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

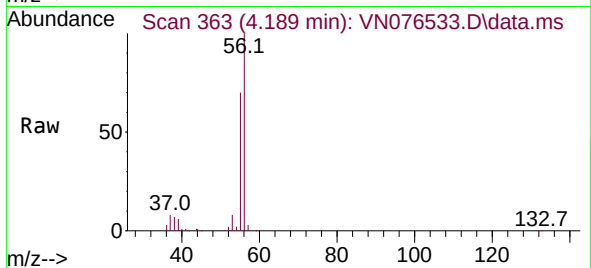
Tgt Ion: 96 Resp: 234078
Ion Ratio Lower Upper
96 100
61 151.8 108.2 162.4
98 63.3 47.0 70.6





#13
Acrolein
Concen: 237.202 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

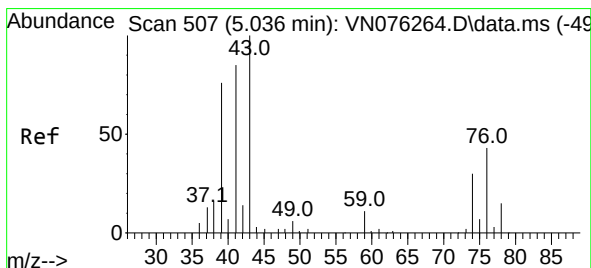
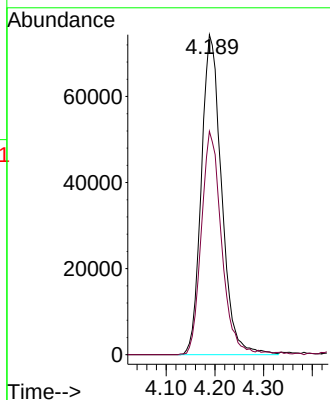
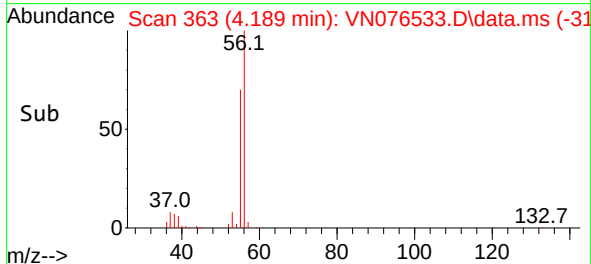
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 214740
Ion Ratio Lower Upper
56 100
55 69.1 55.8 83.6

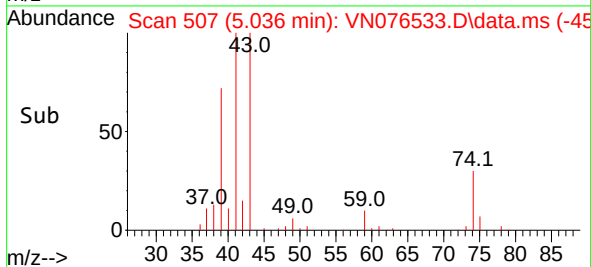
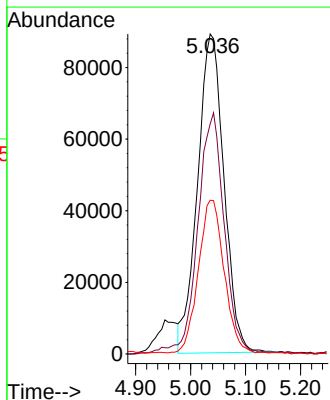
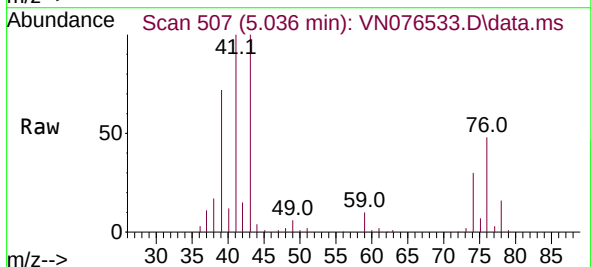
Manual Integrations
APPROVED

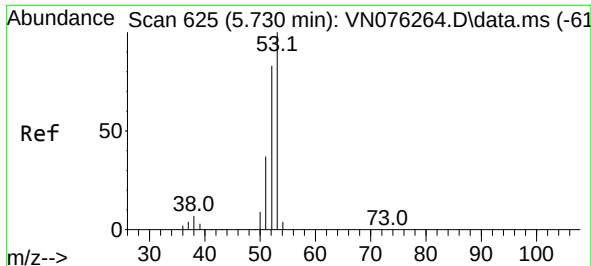
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#14
Allyl chloride
Concen: 52.771 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

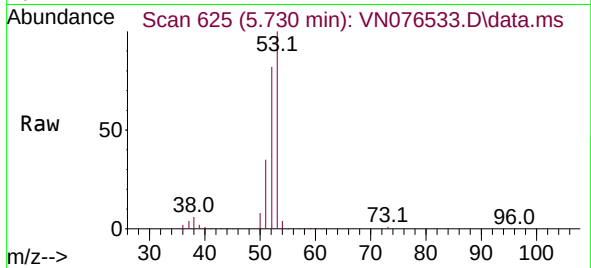
Tgt Ion: 41 Resp: 297729
Ion Ratio Lower Upper
41 100
39 75.8 67.4 101.0
76 46.7 39.8 59.8





#15
Acrylonitrile
Concen: 248.570 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

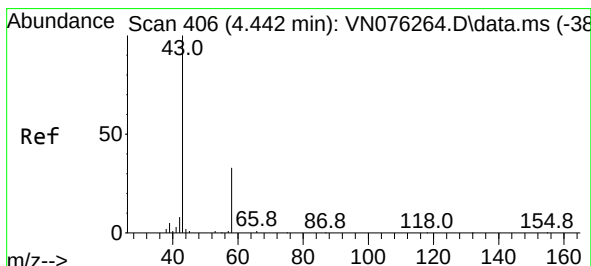
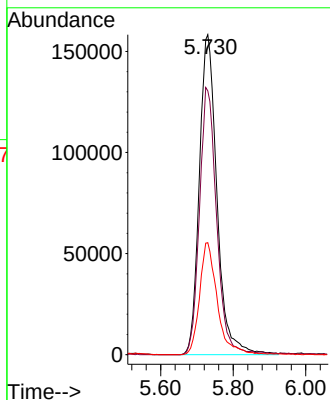
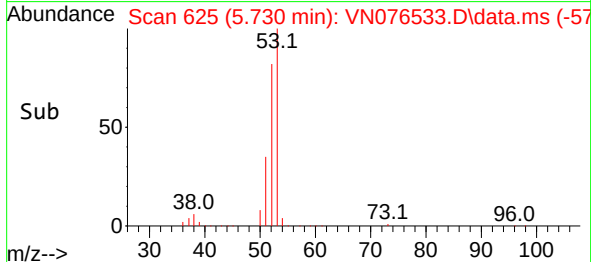
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 535468
Ion Ratio Lower Upper
53 100
52 80.7 64.7 97.1
51 35.1 29.2 43.8

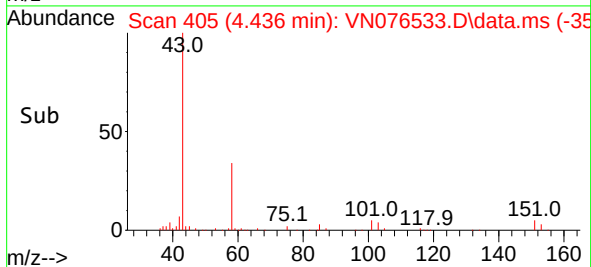
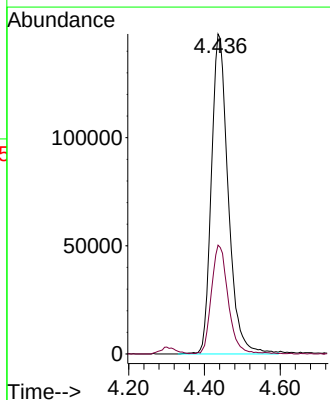
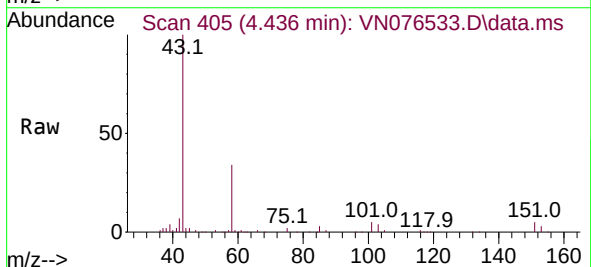
Manual Integrations
APPROVED

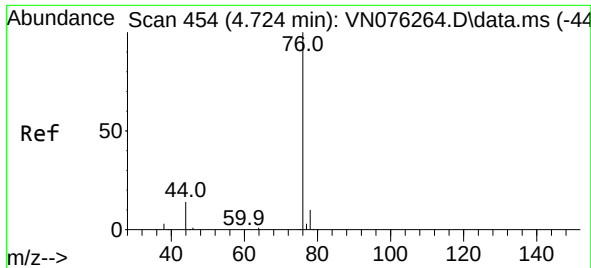
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#16
Acetone
Concen: 250.906 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

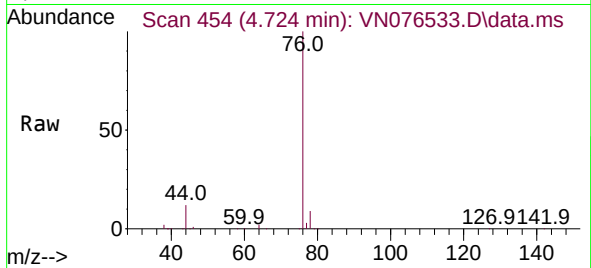
Tgt Ion: 43 Resp: 455215
Ion Ratio Lower Upper
43 100
58 33.9 26.7 40.1





#17
Carbon Disulfide
Concen: 39.989 ug/l
RT: 4.724 min Scan# 454
Delta R.T. -0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

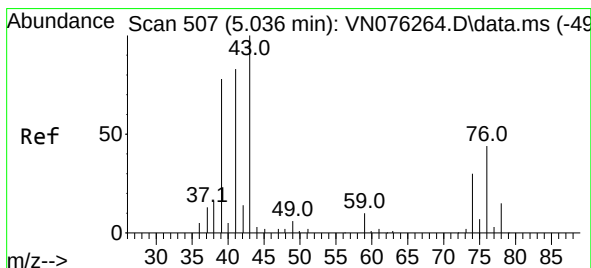
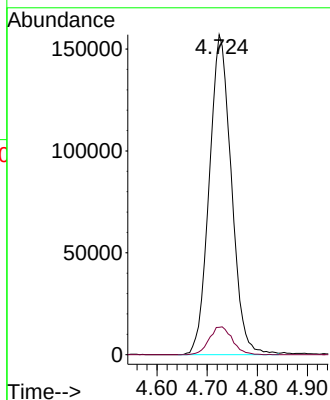
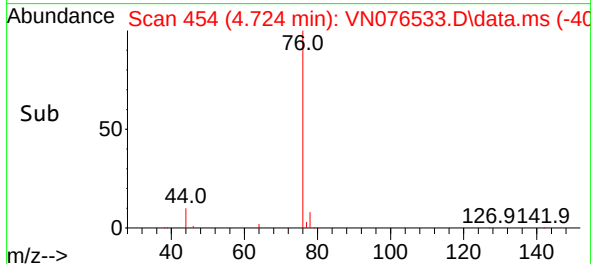
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 482050
Ion Ratio Lower Upper
76 100
78 8.5 8.0 12.0

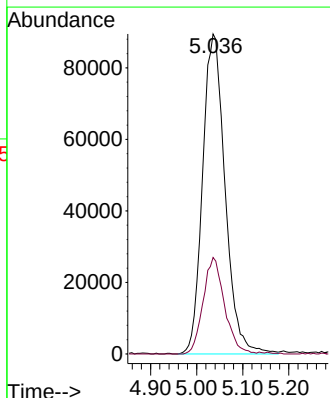
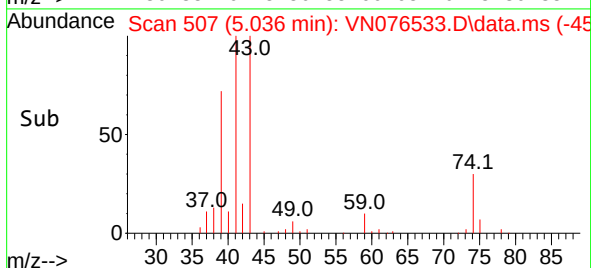
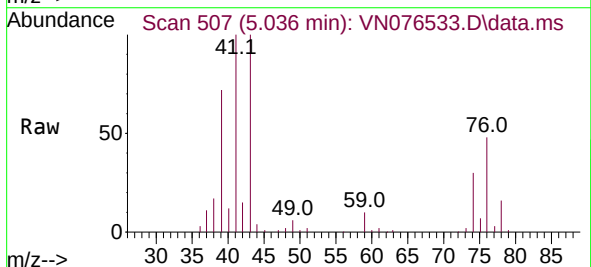
Manual Integrations
APPROVED

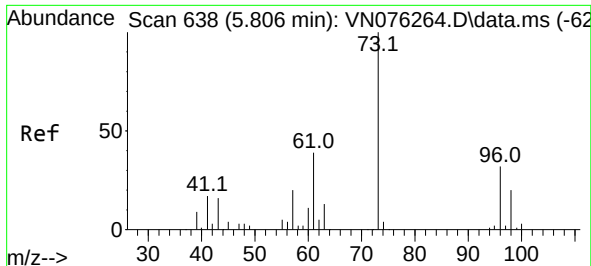
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#18
Methyl Acetate
Concen: 49.514 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

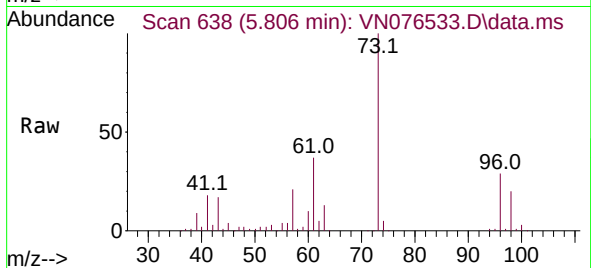
Tgt Ion: 43 Resp: 304439
Ion Ratio Lower Upper
43 100
74 28.5 23.3 34.9





#19
Methyl tert-butyl Ether
Concen: 54.184 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

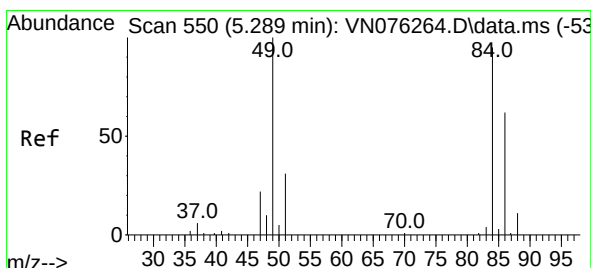
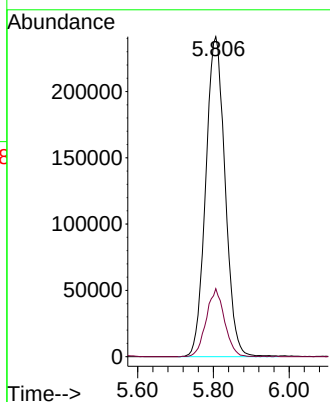
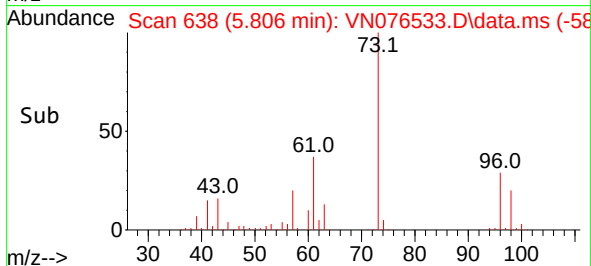
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 85400
Ion Ratio Lower Upper
73 100
57 21.3 15.9 23.9

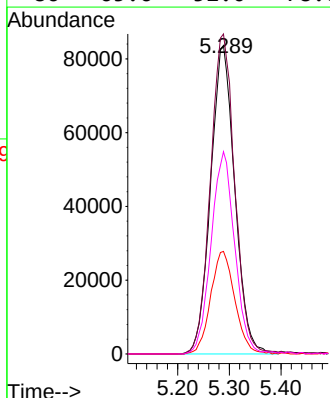
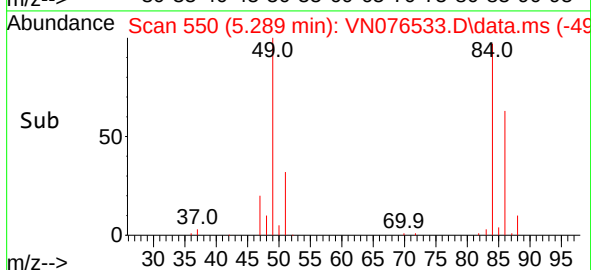
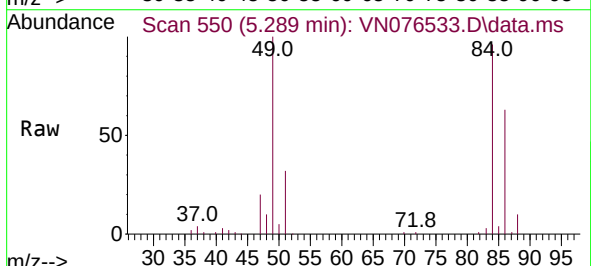
Manual Integrations
APPROVED

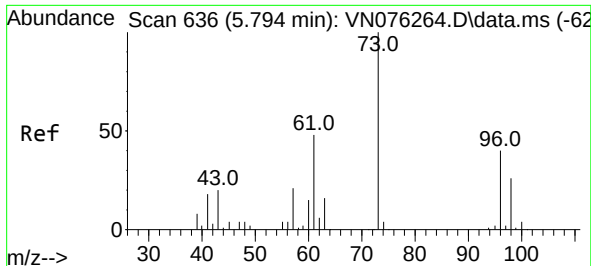
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#20
Methylene Chloride
Concen: 50.525 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

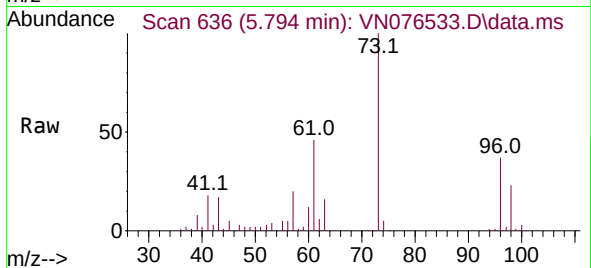
Tgt Ion: 84 Resp: 271210
Ion Ratio Lower Upper
84 100
49 103.7 84.5 126.7
51 33.2 26.0 39.0
86 65.6 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 47.520 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

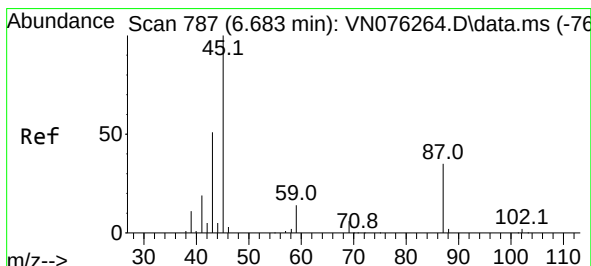
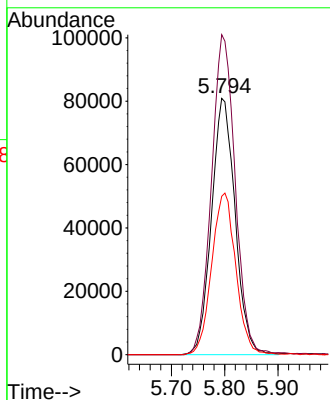
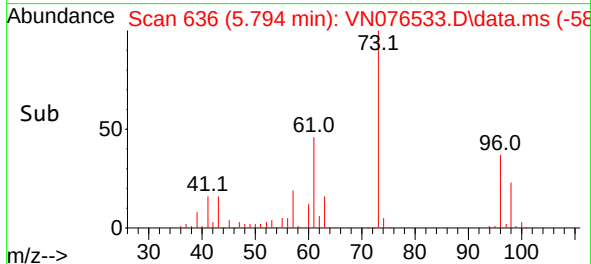
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



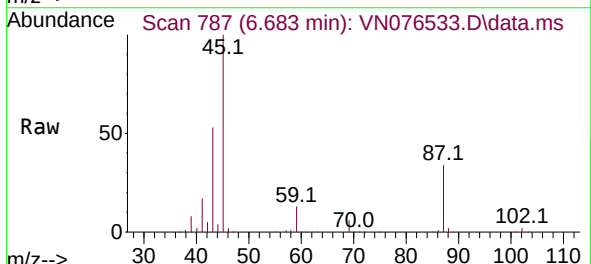
Tgt Ion: 96 Resp: 249235
Ion Ratio Lower Upper
96 100
61 124.8 97.0 145.4
98 61.8 51.9 77.9

Manual Integrations
APPROVED

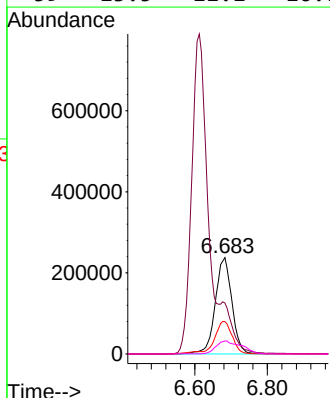
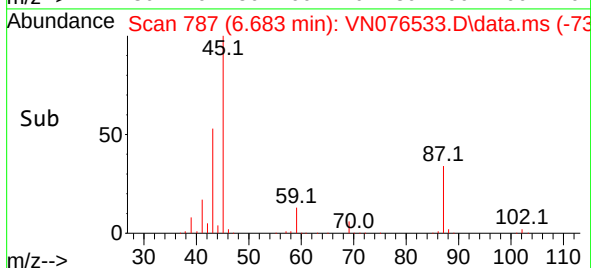
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

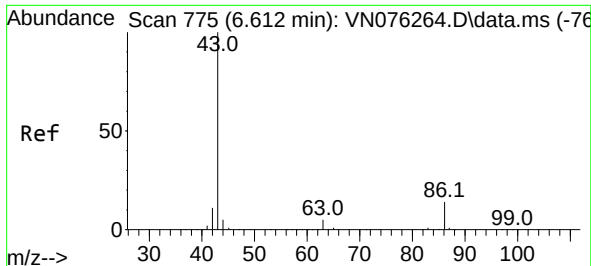


#22
Diisopropyl ether
Concen: 57.073 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57



Tgt Ion: 45 Resp: 759361
Ion Ratio Lower Upper
45 100
43 52.2 44.4 66.6
87 33.5 28.4 42.6
59 13.5 11.1 16.7





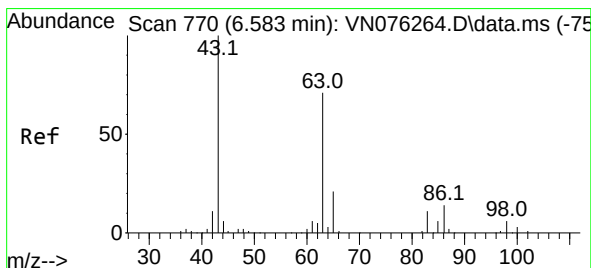
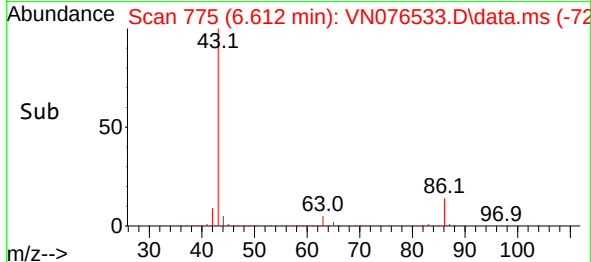
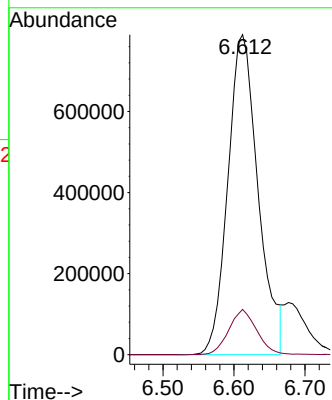
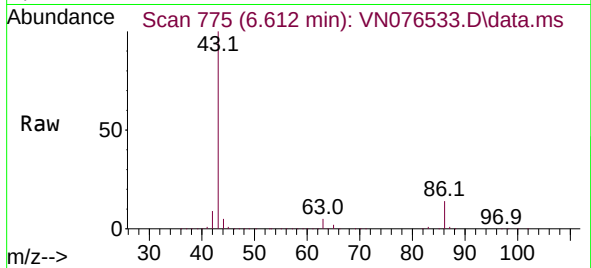
#23
 Vinyl Acetate
 Concen: 272.570 ug/l
 RT: 6.612 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VN076533.D
 Acq: 03 Feb 2023 16:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 2343818
 Ion Ratio Lower Upper
 43 100
 86 14.1 11.2 16.8

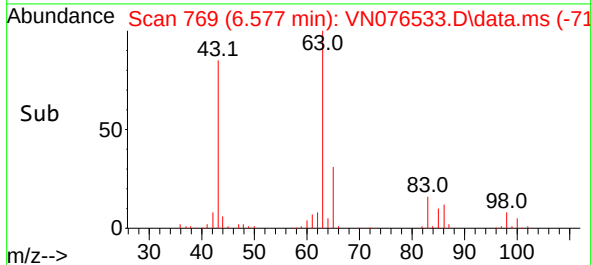
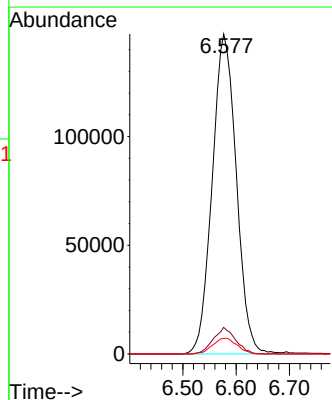
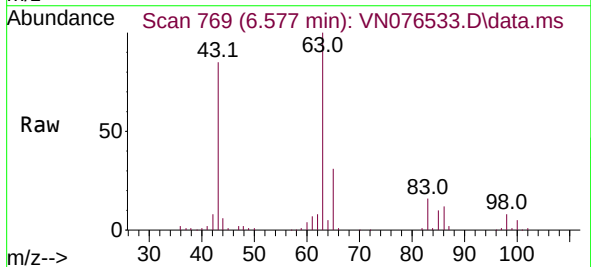
Manual Integrations
 APPROVED

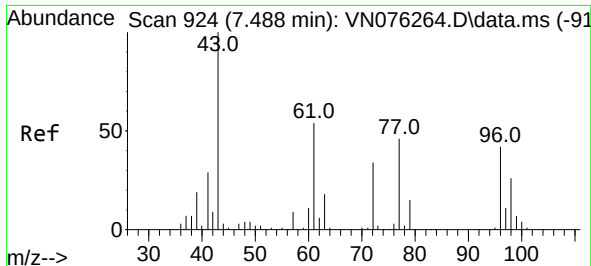
Reviewed By :John Carlone 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023



#24
 1,1-Dichloroethane
 Concen: 52.175 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VN076533.D
 Acq: 03 Feb 2023 16:57

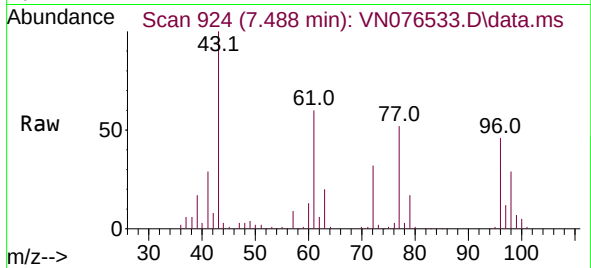
Tgt Ion: 63 Resp: 462735
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.9 11.7
 100 4.9 2.2 6.6





#25
2-Butanone
Concen: 241.940 ug/l
RT: 7.488 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

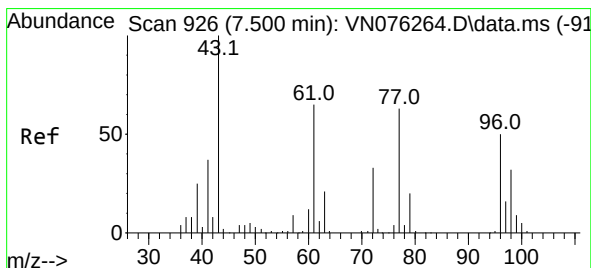
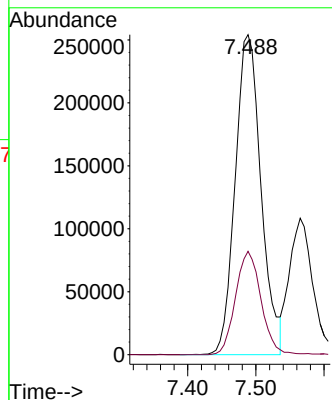
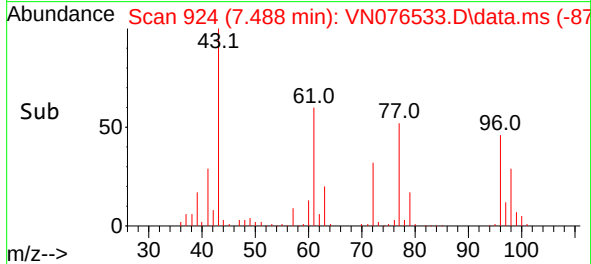
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



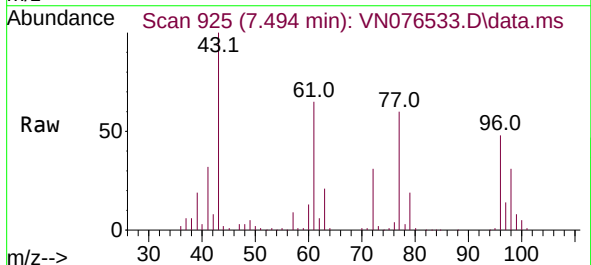
Tgt Ion: 43 Resp: 670409
Ion Ratio Lower Upper
43 100
72 32.3 27.4 41.2

Manual Integrations
APPROVED

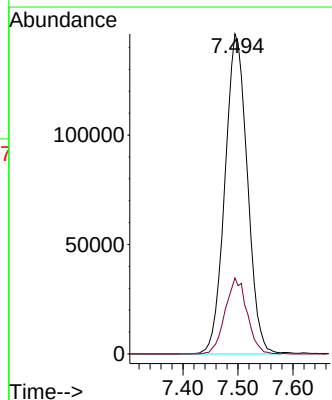
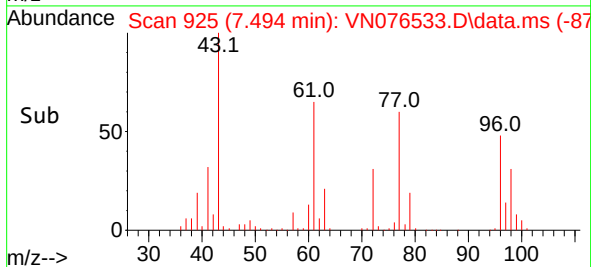
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

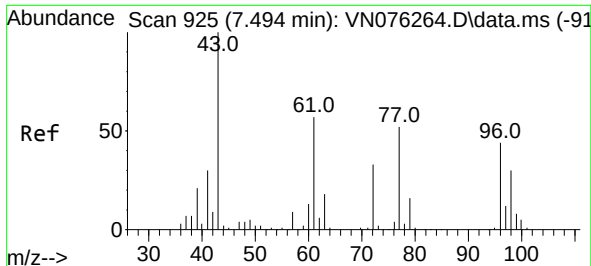


#26
2,2-Dichloropropane
Concen: 55.314 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.006 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57



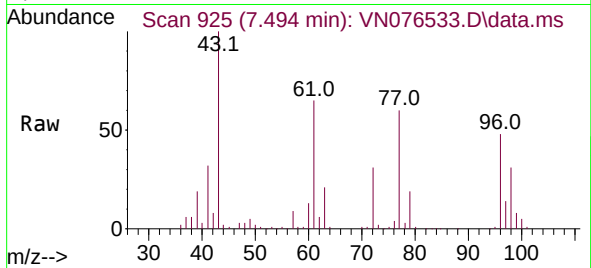
Tgt Ion: 77 Resp: 413467
Ion Ratio Lower Upper
77 100
97 23.2 11.8 35.4





#27
 cis-1,2-Dichloroethene
 Concen: 51.353 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN076533.D
 Acq: 03 Feb 2023 16:57

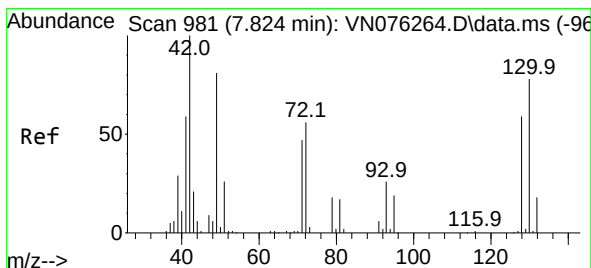
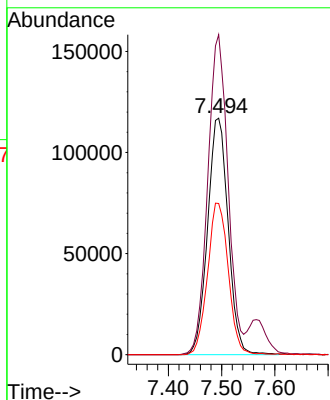
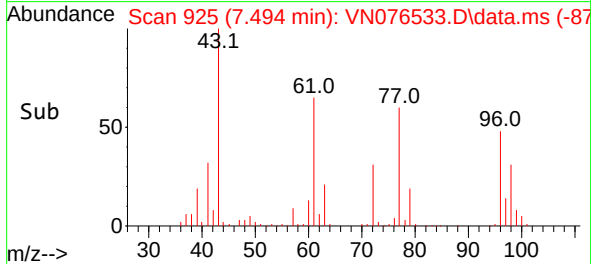
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 31413
 Ion Ratio Lower Upper
 96 100
 61 133.2 0.0 259.6
 98 64.7 0.0 129.4

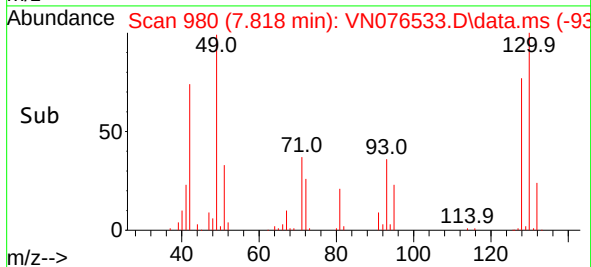
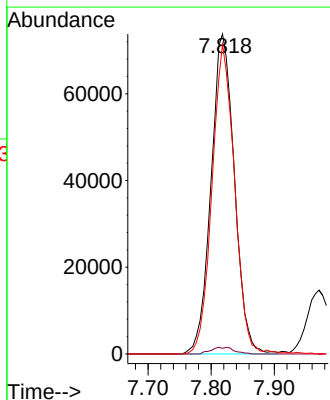
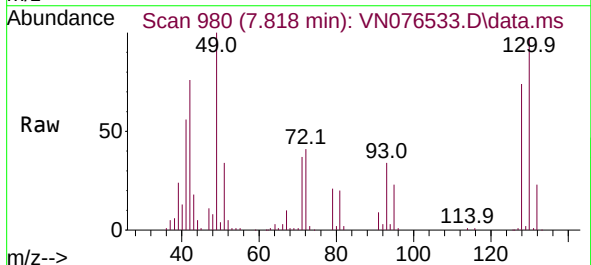
Manual Integrations
 APPROVED

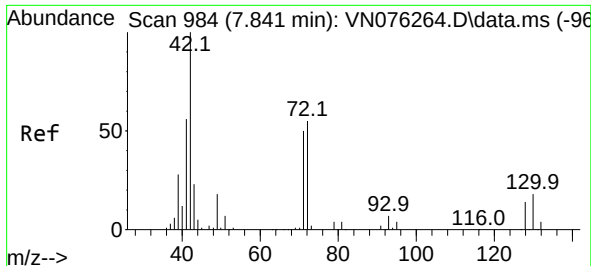
Reviewed By :John Carlone 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023



#28
 Bromochloromethane
 Concen: 52.811 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN076533.D
 Acq: 03 Feb 2023 16:57

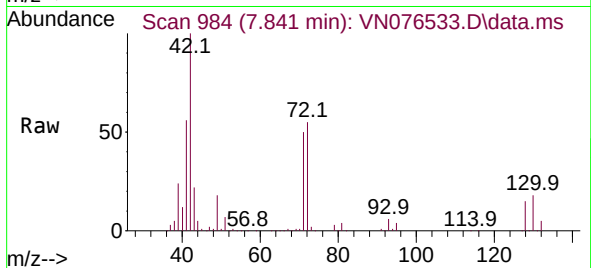
Tgt Ion: 49 Resp: 189841
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 5.2
 130 92.6 76.0 114.0





#29
Tetrahydrofuran
Concen: 250.514 ug/l
RT: 7.841 min Scan# 984
Delta R.T. 0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

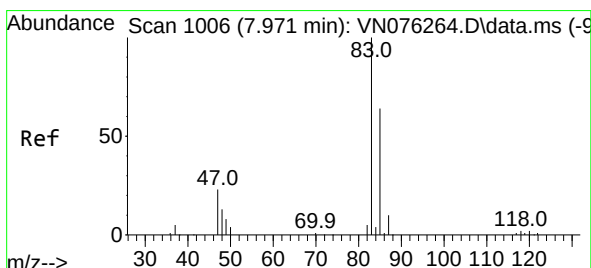
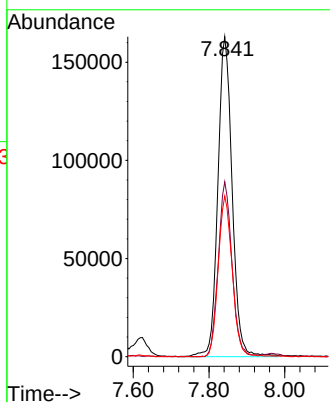
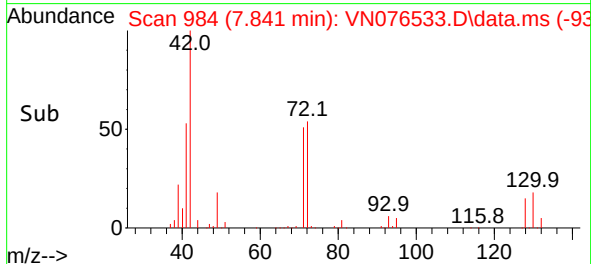
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



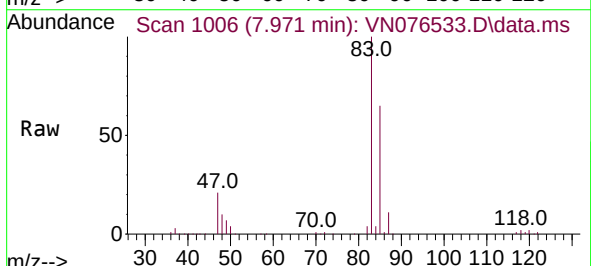
Tgt Ion: 42 Resp: 42842
Ion Ratio Lower Upper
42 100
72 52.7 44.0 66.0
71 49.3 41.1 61.7

Manual Integrations
APPROVED

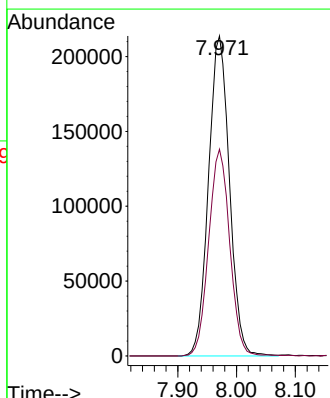
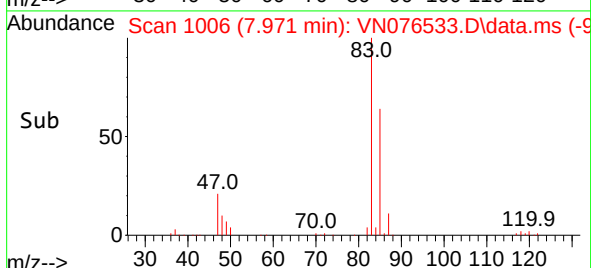
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

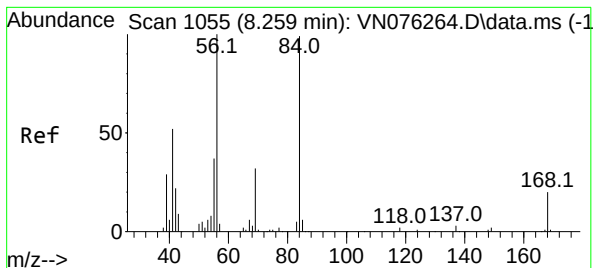


#30
Chloroform
Concen: 53.882 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57



Tgt Ion: 83 Resp: 528767
Ion Ratio Lower Upper
83 100
85 64.6 51.0 76.6





#31

Cyclohexane

Concen: 43.739 ug/l

RT: 8.265 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN076533.D

Acq: 03 Feb 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 38027

Ion Ratio Lower Upper

56 100

69 34.7 25.8 38.8

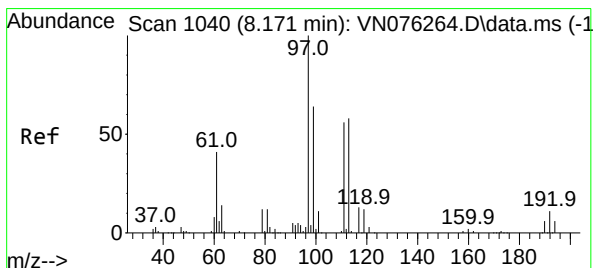
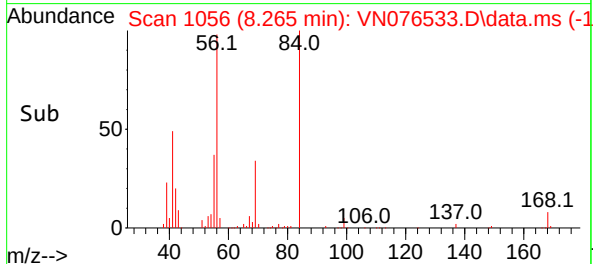
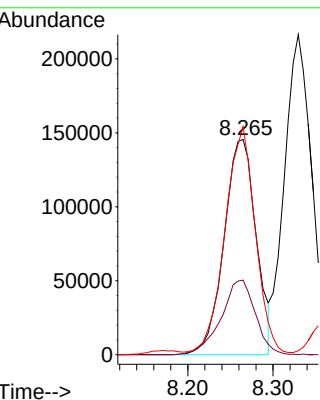
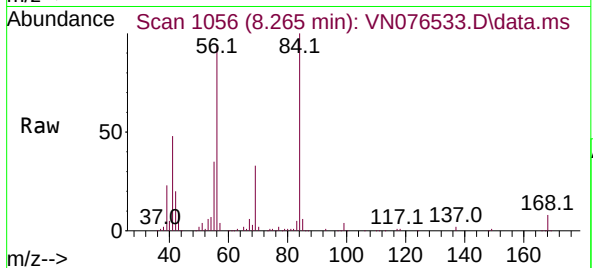
84 104.2 79.0 118.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#32

1,1,1-Trichloroethane

Concen: 53.376 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076533.D

Acq: 03 Feb 2023 16:57

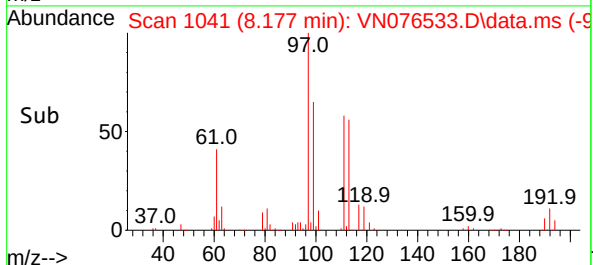
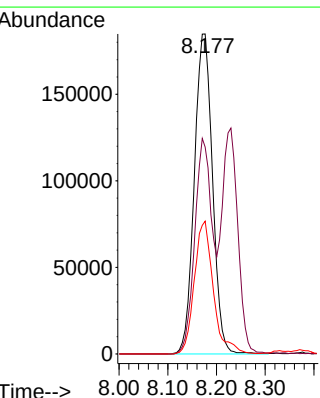
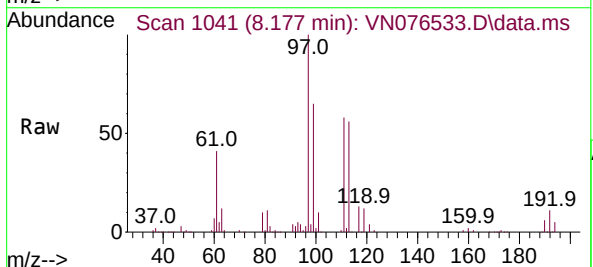
Tgt Ion: 97 Resp: 478224

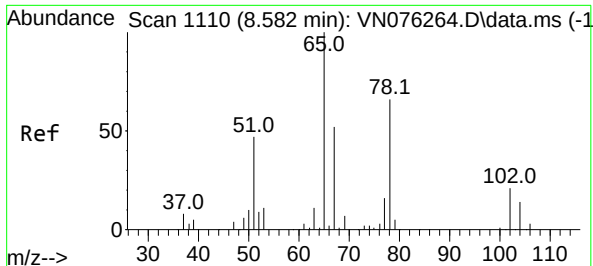
Ion Ratio Lower Upper

97 100

99 64.7 55.0 82.4

61 43.4 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 53.610 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076533.D

Acq: 03 Feb 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 30341

Ion Ratio Lower Upper

65 100

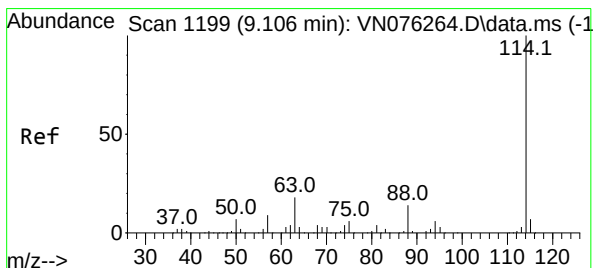
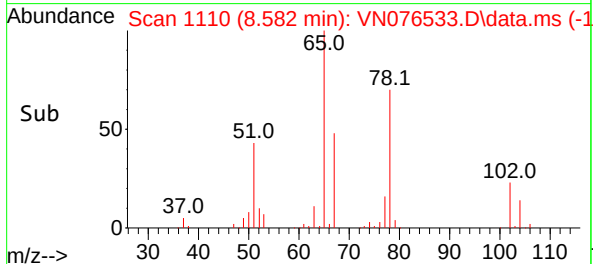
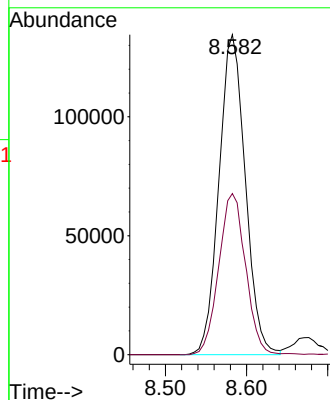
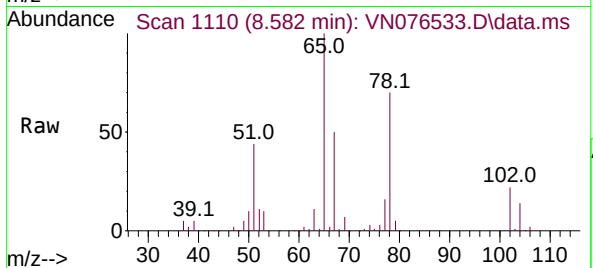
67 51.4 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076533.D

Acq: 03 Feb 2023 16:57

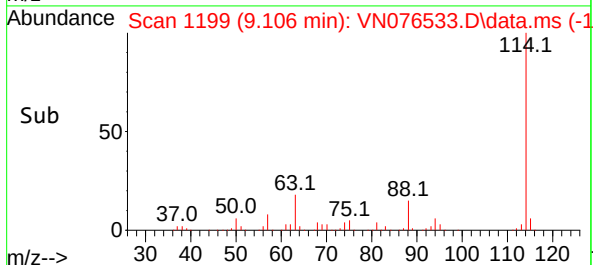
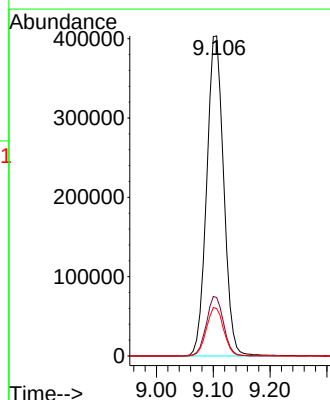
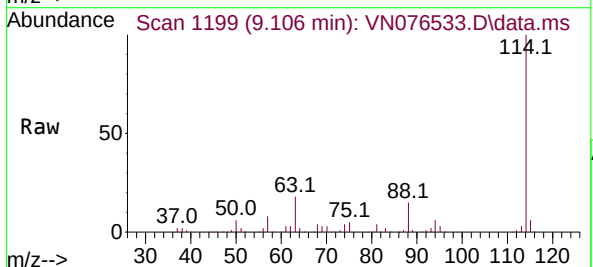
Tgt Ion:114 Resp: 835693

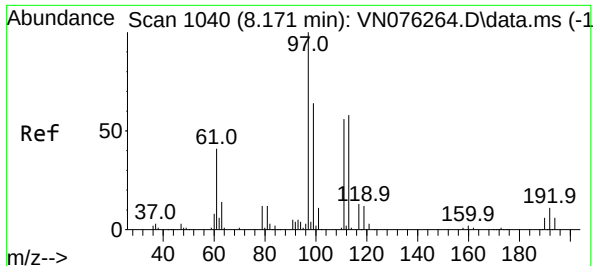
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.8

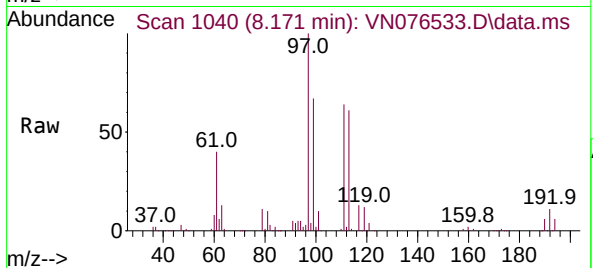
88 14.8 0.0 28.0





#35
Dibromofluoromethane
Concen: 52.135 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

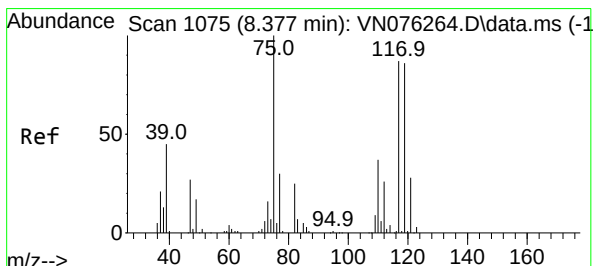
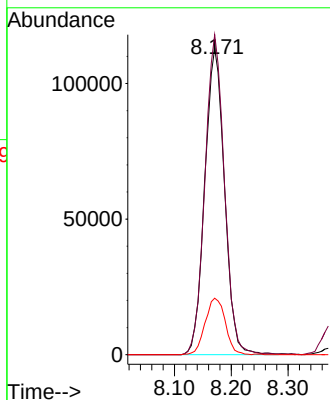
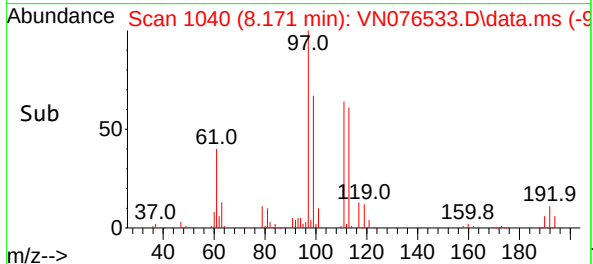
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 27254
Ion Ratio Lower Upper
113 100
111 103.0 82.7 124.1
192 18.8 15.6 23.4

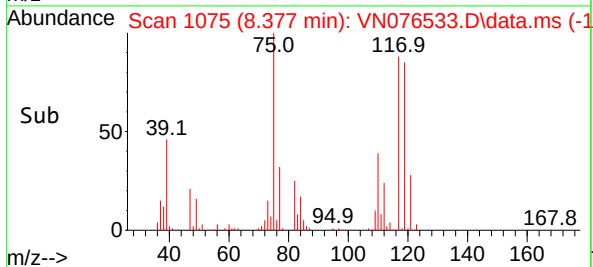
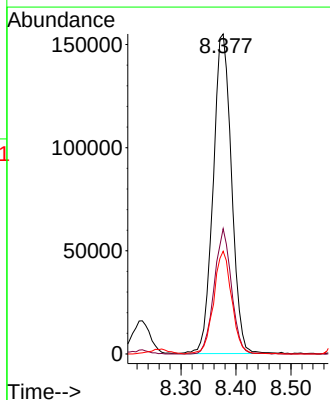
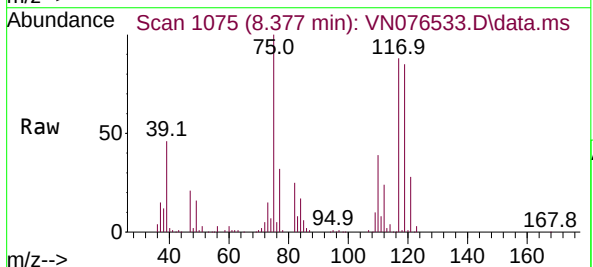
Manual Integrations
APPROVED

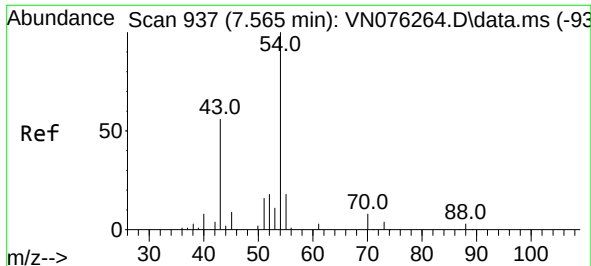
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#36
1,1-Dichloropropene
Concen: 48.461 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

Tgt Ion: 75 Resp: 359982
Ion Ratio Lower Upper
75 100
110 36.9 18.8 56.3
77 31.7 25.0 37.4





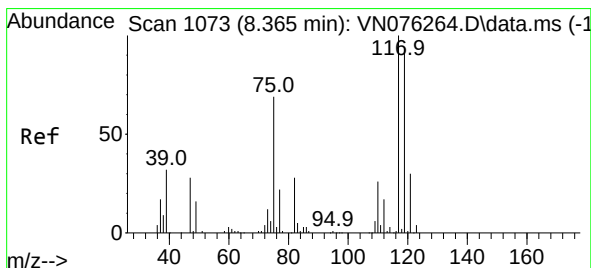
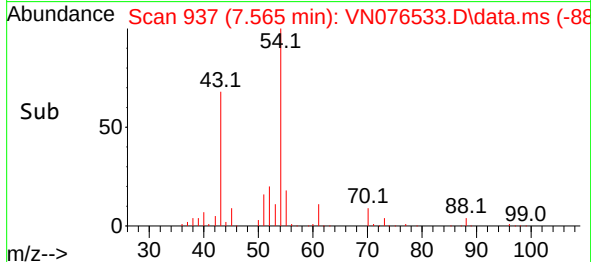
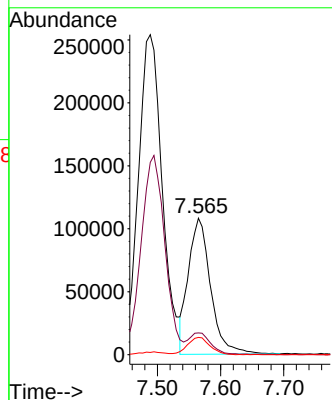
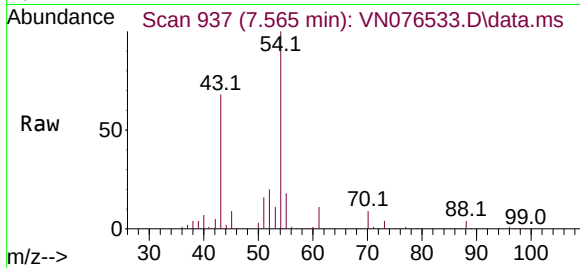
#37
Ethyl Acetate
Concen: 44.450 ug/l
RT: 7.565 min Scan# 937
Delta R.T. -0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 26481
Ion Ratio Lower Upper
43 100
61 16.4 11.1 16.7
70 12.8 10.0 15.0

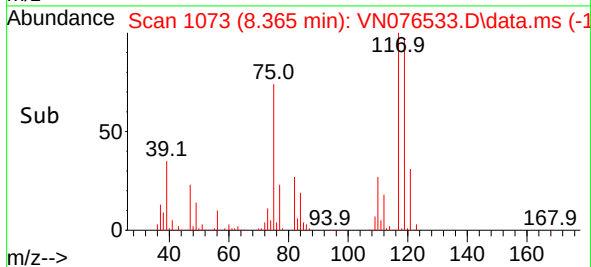
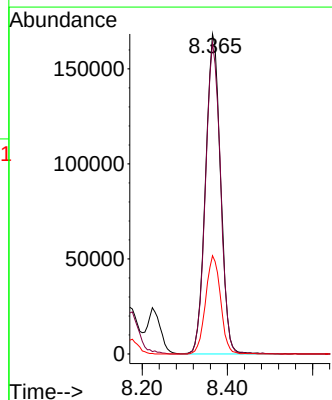
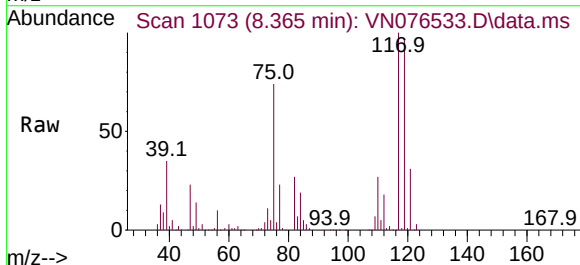
Manual Integrations
APPROVED

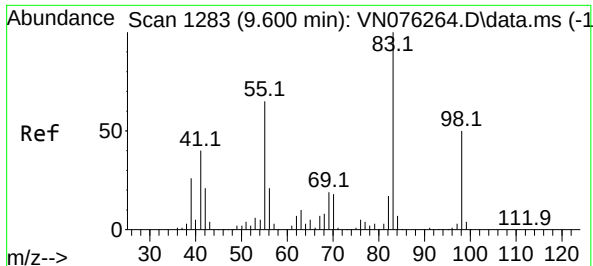
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#38
Carbon Tetrachloride
Concen: 49.716 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

Tgt Ion:117 Resp: 411833
Ion Ratio Lower Upper
117 100
119 97.2 75.4 113.0
121 30.7 24.2 36.2





#39

Methylcyclohexane

Concen: 48.565 ug/l

RT: 9.600 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN076533.D

Acq: 03 Feb 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

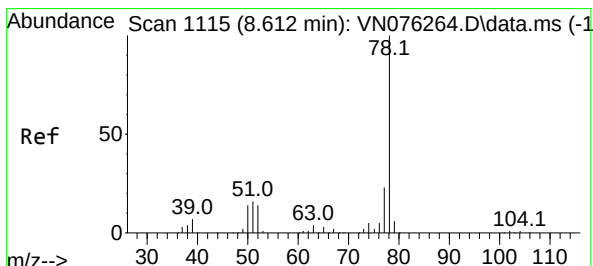
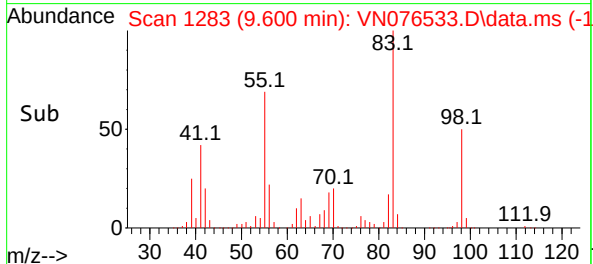
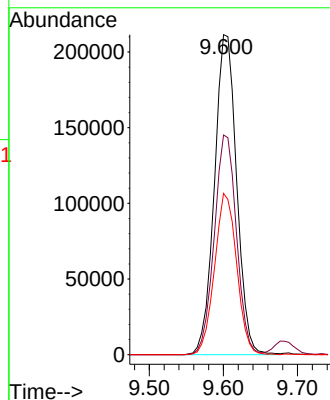
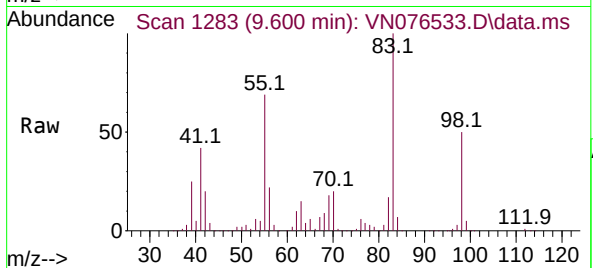
Tgt Ion: 83 Resp: 440549
 Ion Ratio Lower Upper
 83 100
 55 68.6 51.7 77.5
 98 50.4 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#40

Benzene

Concen: 49.313 ug/l

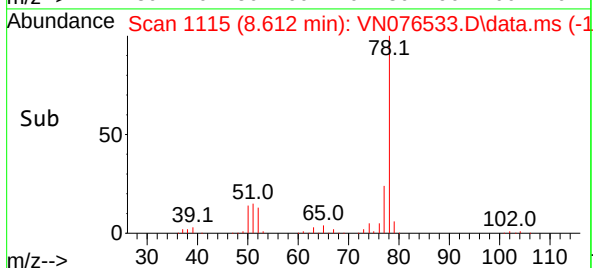
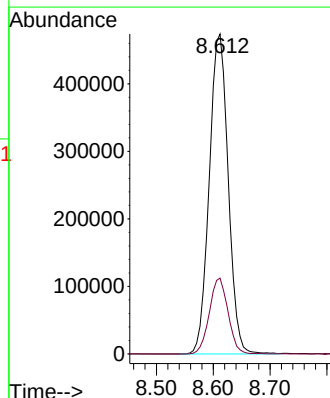
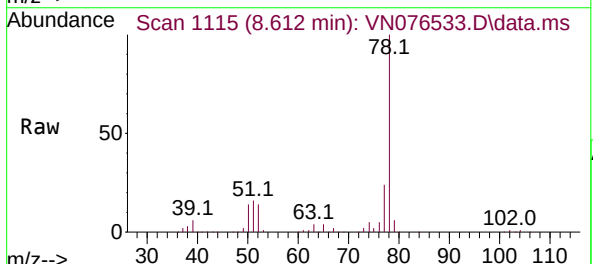
RT: 8.612 min Scan# 1115

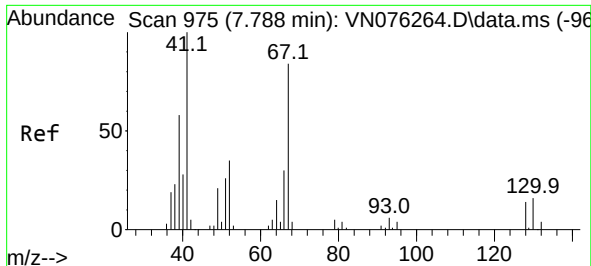
Delta R.T. -0.000 min

Lab File: VN076533.D

Acq: 03 Feb 2023 16:57

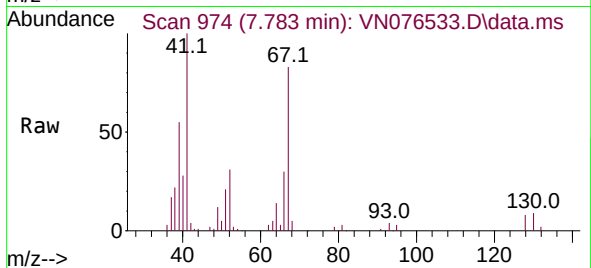
Tgt Ion: 78 Resp: 1095334
 Ion Ratio Lower Upper
 78 100
 77 23.7 18.6 28.0





#41
Methacrylonitrile
Concen: 48.176 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

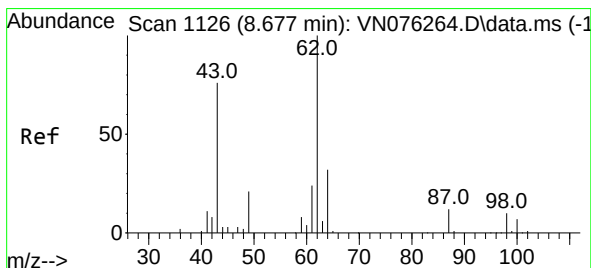
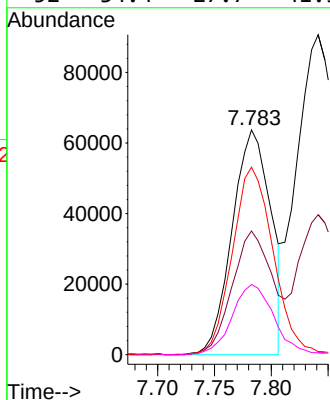
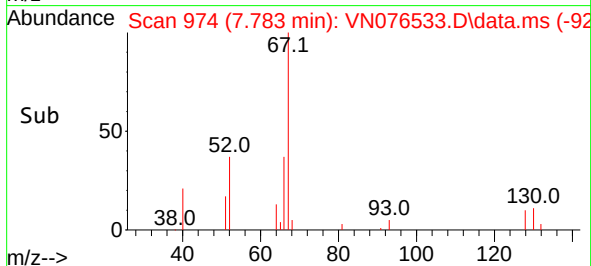
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 15029
Ion Ratio Lower Upper
41 100
39 58.8 42.4 63.6
67 89.2 68.8 103.2
52 34.4 27.7 41.5

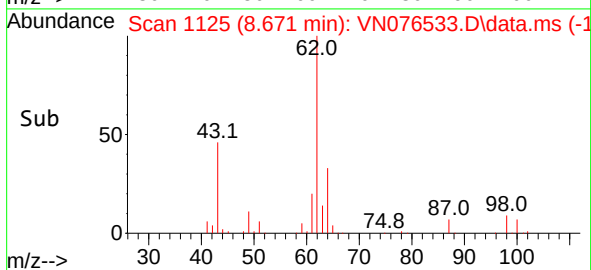
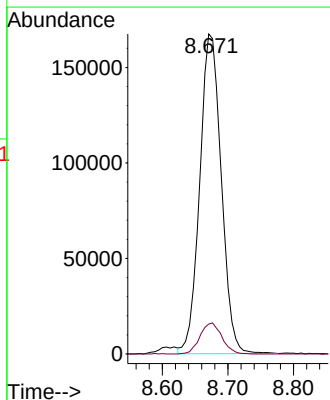
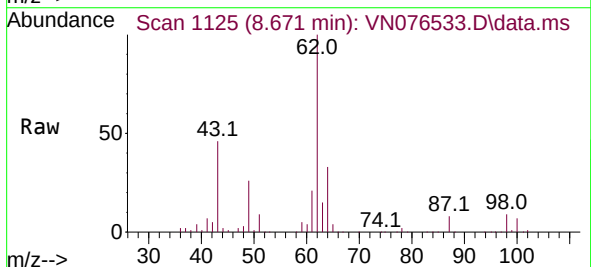
Manual Integrations
APPROVED

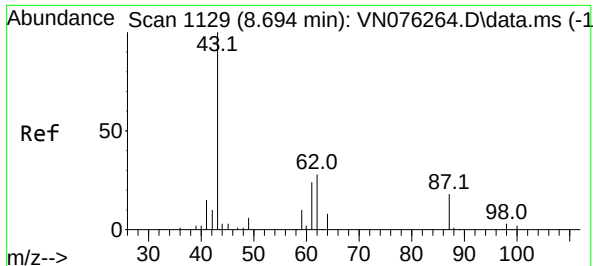
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#42
1,2-Dichloroethane
Concen: 50.339 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

Tgt Ion: 62 Resp: 382564
Ion Ratio Lower Upper
62 100
98 9.8 0.0 20.4





#43

Isopropyl Acetate

Concen: 49.012 ug/l

RT: 8.688 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN076533.D

Acq: 03 Feb 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 475062

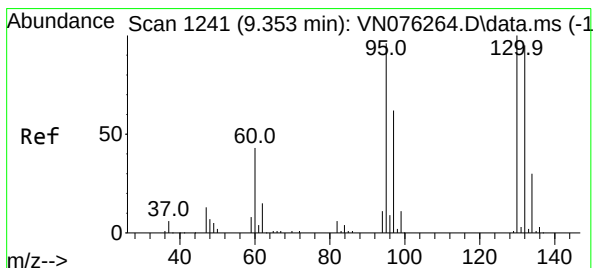
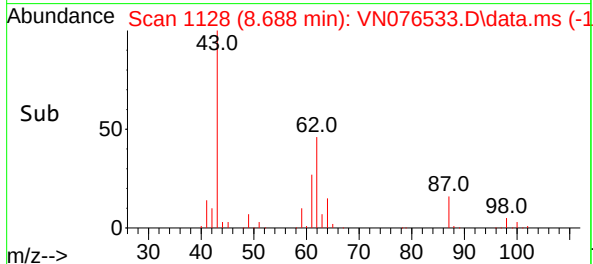
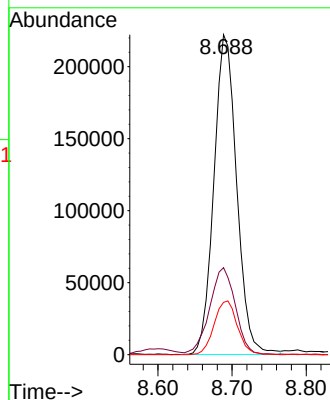
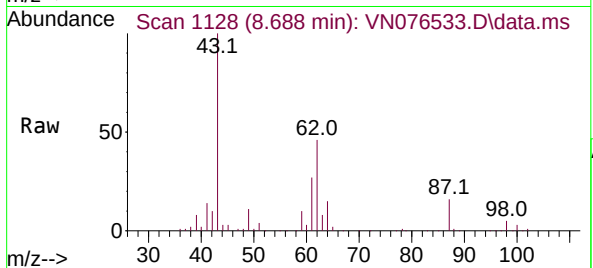
Ion	Ratio	Lower	Upper
43	100		
61	30.5	23.5	35.3
87	17.2	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#44

Trichloroethene

Concen: 47.841 ug/l

RT: 9.353 min Scan# 1241

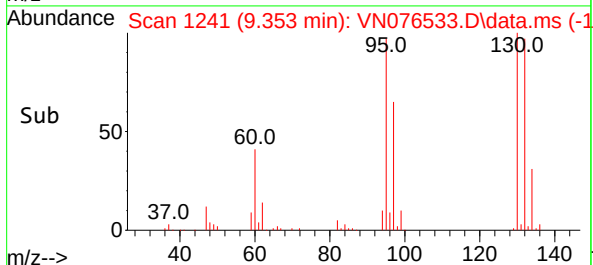
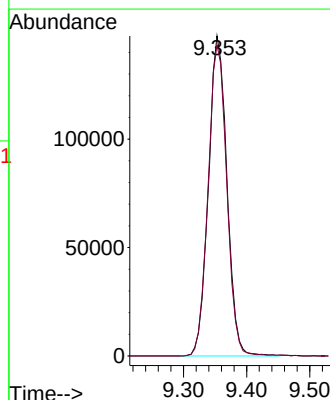
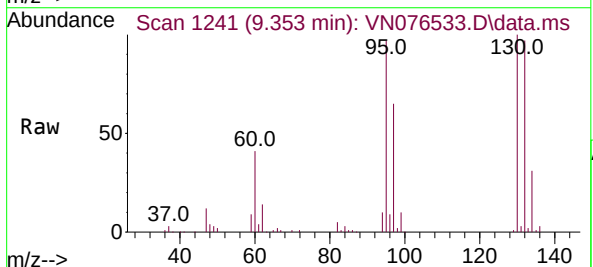
Delta R.T. 0.000 min

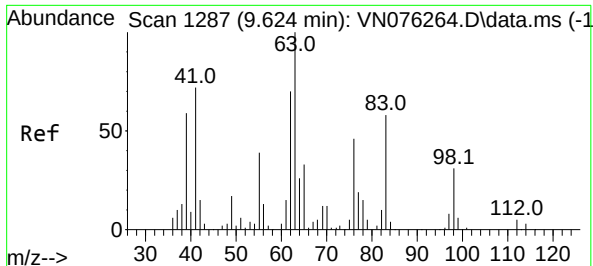
Lab File: VN076533.D

Acq: 03 Feb 2023 16:57

Tgt Ion:130 Resp: 300551

Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	192.0





#45

1,2-Dichloropropane

Concen: 50.890 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076533.D

Acq: 03 Feb 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 27063

Ion Ratio Lower Upper

63 100

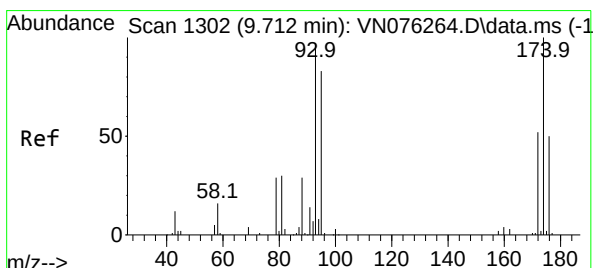
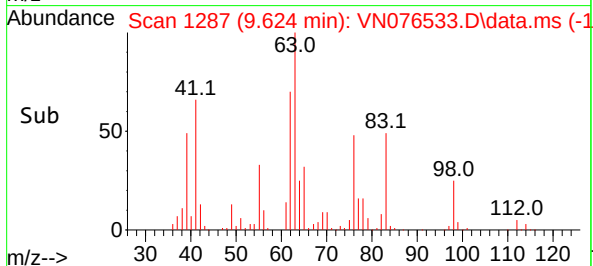
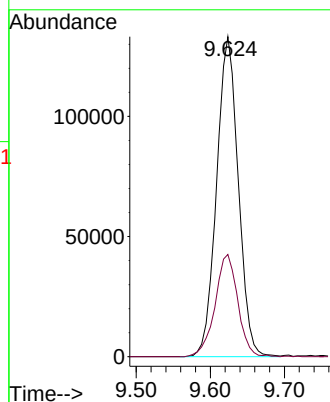
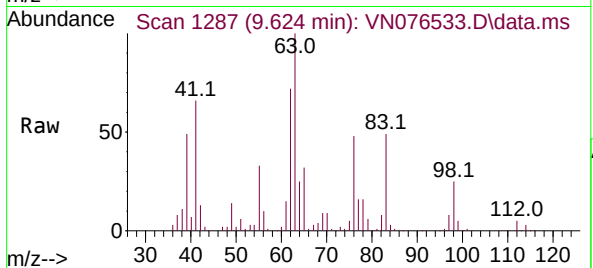
65 31.9 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#46

Dibromomethane

Concen: 48.745 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076533.D

Acq: 03 Feb 2023 16:57

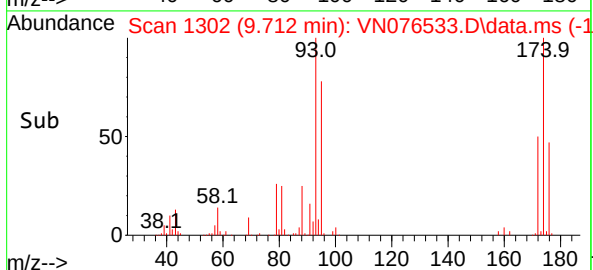
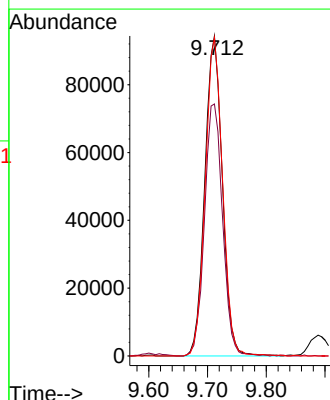
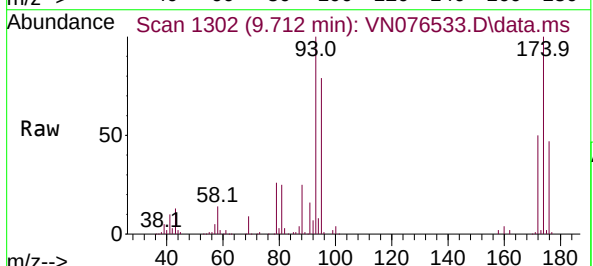
Tgt Ion: 93 Resp: 195720

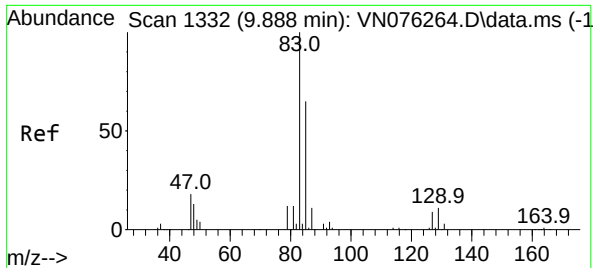
Ion Ratio Lower Upper

93 100

95 81.4 66.0 99.0

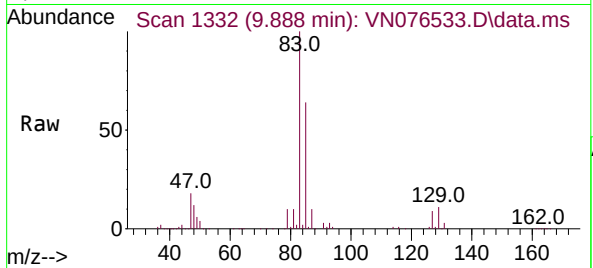
174 98.5 81.3 121.9





#47
Bromodichloromethane
Concen: 54.299 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

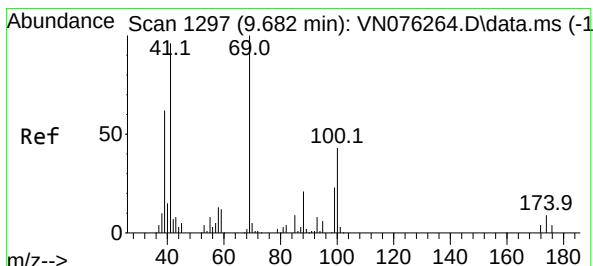
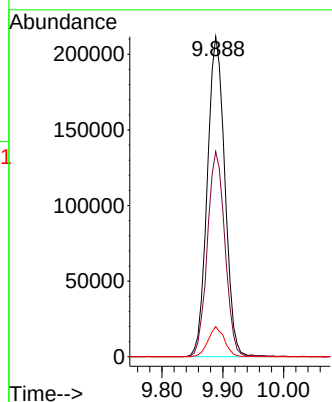
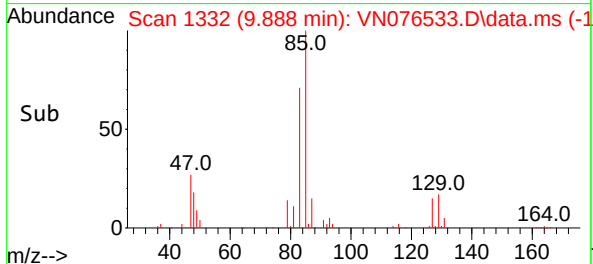
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



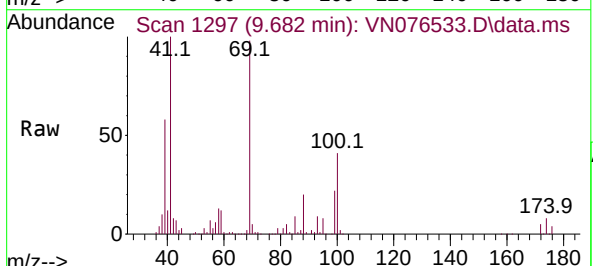
Tgt Ion: 83 Resp: 422848
Ion Ratio Lower Upper
83 100
85 64.1 52.1 78.1
127 9.4 7.4 11.0

Manual Integrations
APPROVED

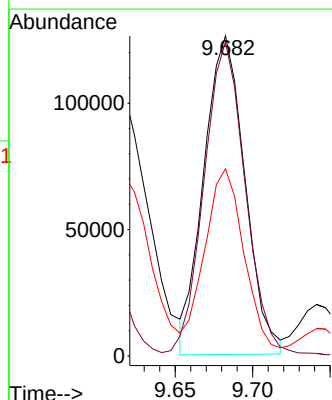
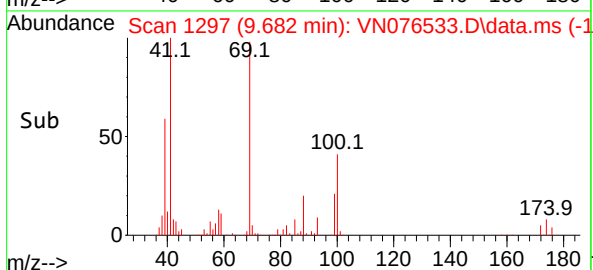
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

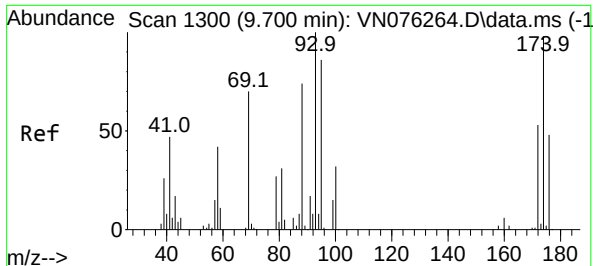


#48
Methyl methacrylate
Concen: 50.585 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57



Tgt Ion: 41 Resp: 232120
Ion Ratio Lower Upper
41 100
69 98.7 80.8 121.2
39 57.4 54.4 81.6





#49

1,4-Dioxane

Concen: 983.954 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076533.D

Acq: 03 Feb 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 9527

Ion Ratio Lower Upper

88 100

43 23.0 18.1 27.1

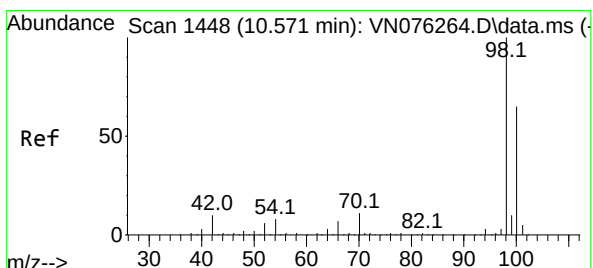
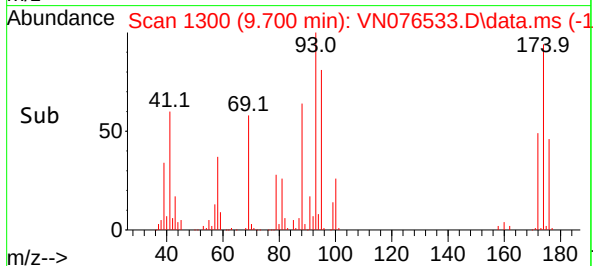
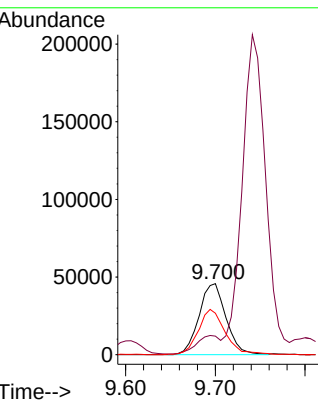
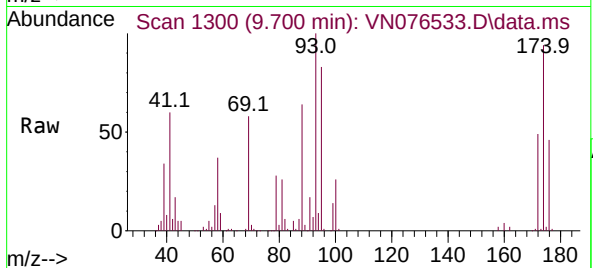
58 64.1 46.5 69.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#50

Toluene-d8

Concen: 51.978 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN076533.D

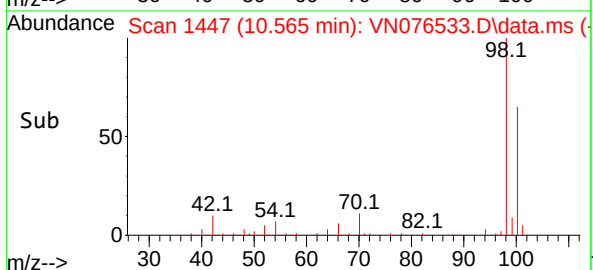
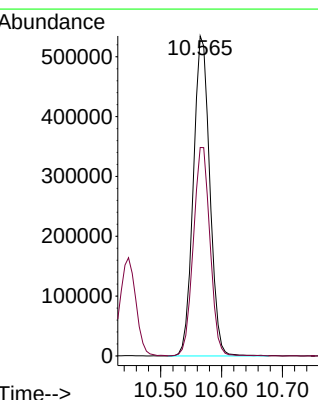
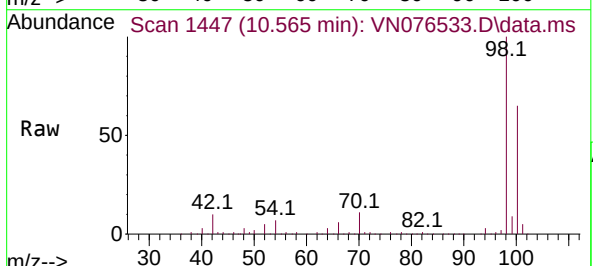
Acq: 03 Feb 2023 16:57

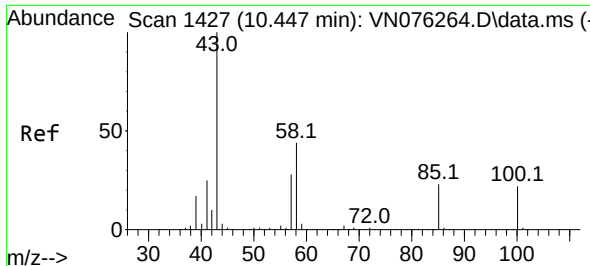
Tgt Ion: 98 Resp: 1003496

Ion Ratio Lower Upper

98 100

100 66.2 52.2 78.4





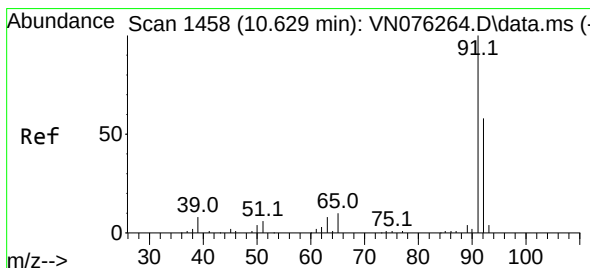
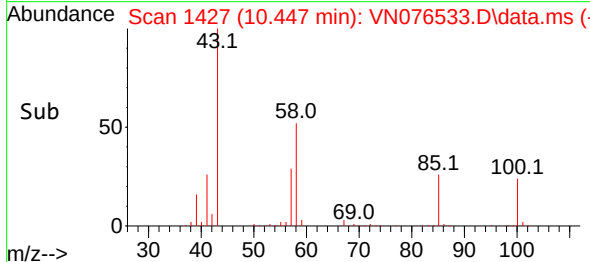
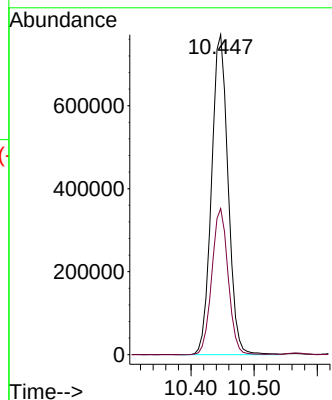
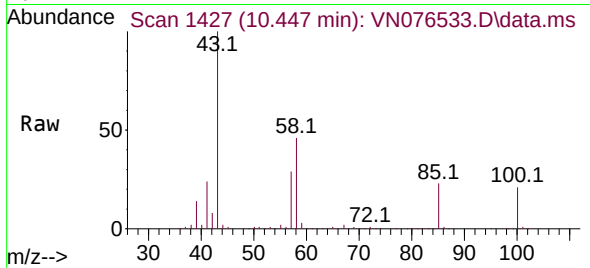
#51
4-Methyl-2-Pentanone
Concen: 246.669 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 140355
Ion Ratio Lower Upper
43 100
58 45.1 35.1 52.7

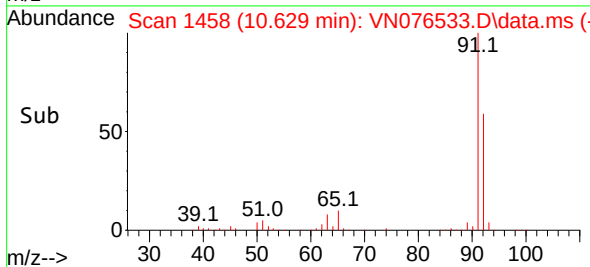
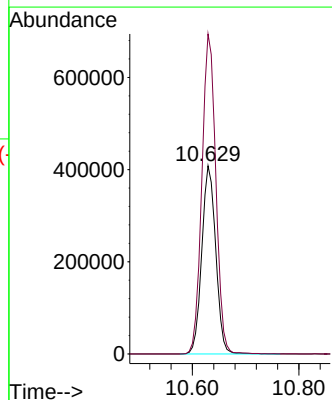
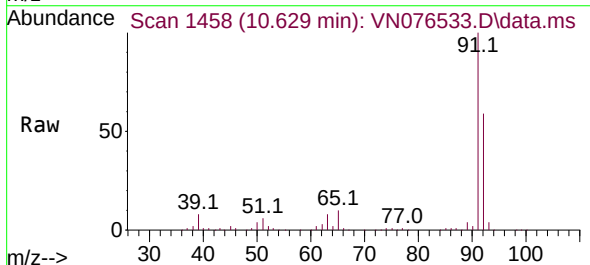
Manual Integrations
APPROVED

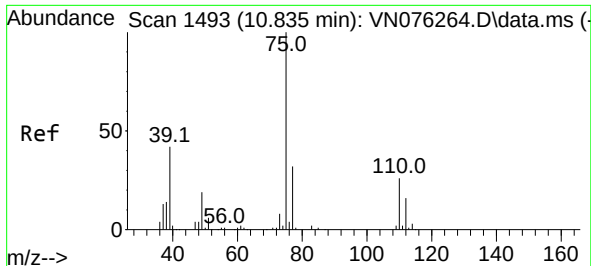
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#52
Toluene
Concen: 49.890 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

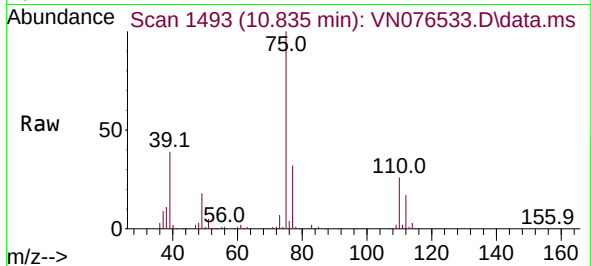
Tgt Ion: 92 Resp: 741050
Ion Ratio Lower Upper
92 100
91 170.6 136.6 205.0





#53
 t-1,3-Dichloropropene
 Concen: 57.264 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN076533.D
 Acq: 03 Feb 2023 16:57

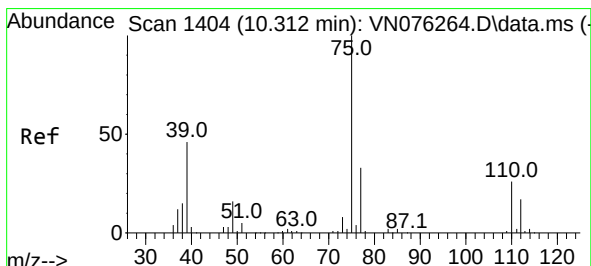
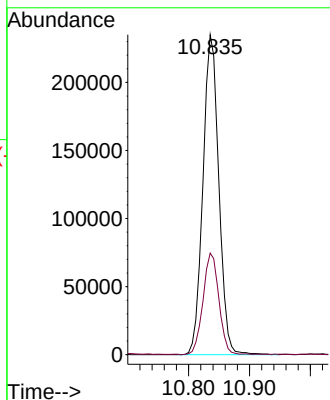
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 75 Resp: 425100
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.8 38.6

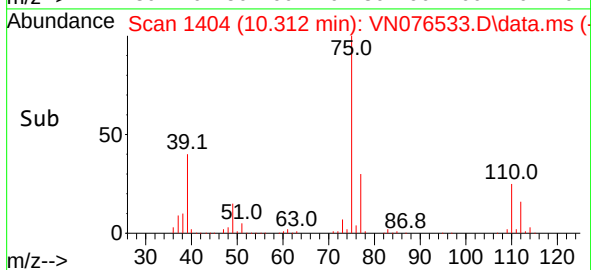
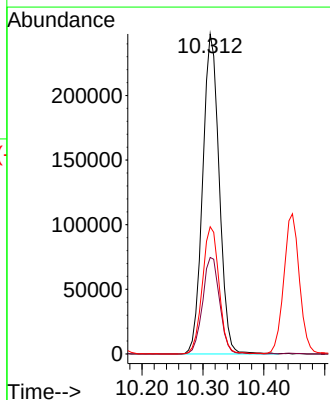
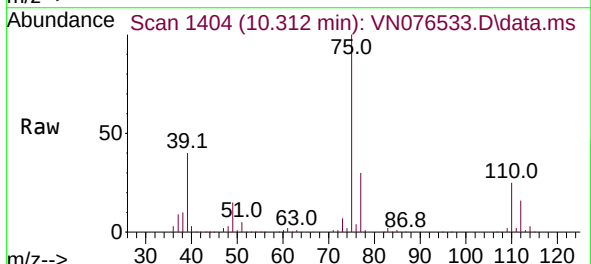
Manual Integrations
 APPROVED

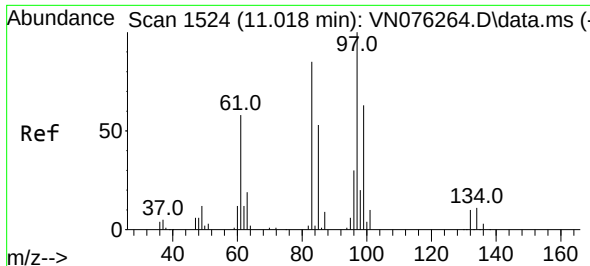
Reviewed By :John Carlone 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023



#54
 cis-1,3-Dichloropropene
 Concen: 54.596 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.000 min
 Lab File: VN076533.D
 Acq: 03 Feb 2023 16:57

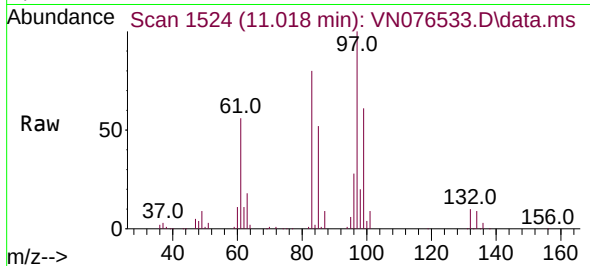
Tgt Ion: 75 Resp: 466287
 Ion Ratio Lower Upper
 75 100
 77 30.2 26.5 39.7
 39 39.8 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 52.097 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

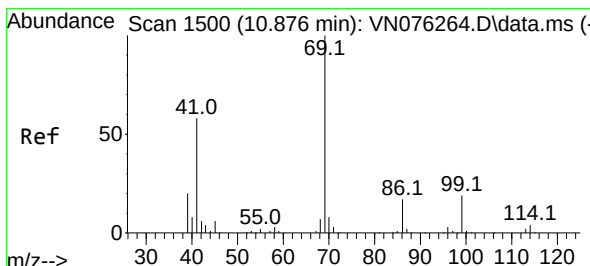
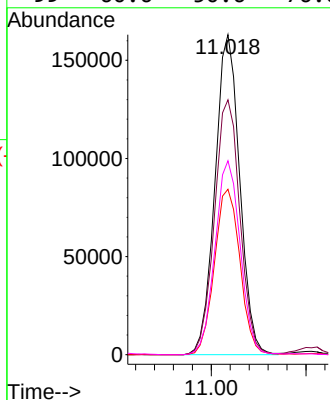
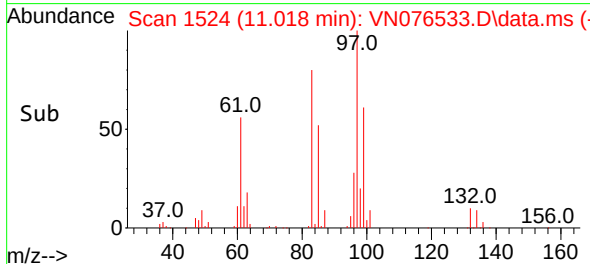


Tgt Ion: 97 Resp: 295792

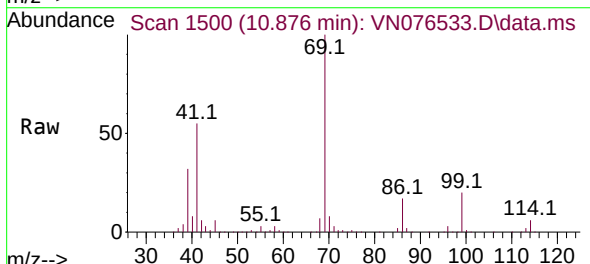
Ion	Ratio	Lower	Upper
97	100		
83	79.7	67.8	101.6
85	51.7	42.3	63.5
99	60.6	50.6	76.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

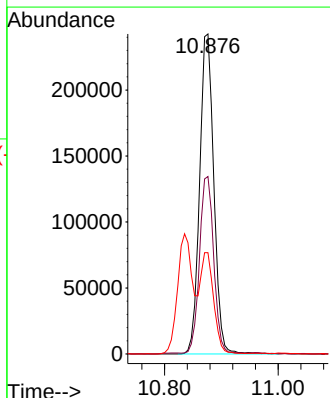
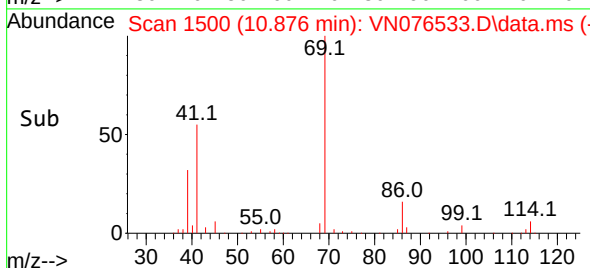


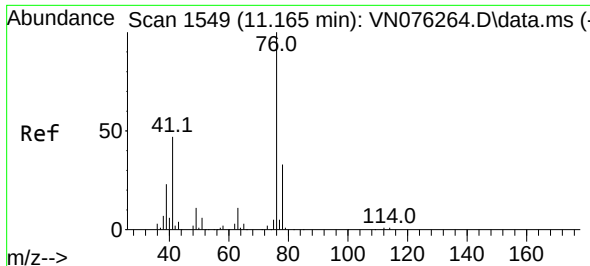
#56
Ethyl methacrylate
Concen: 57.434 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57



Tgt Ion: 69 Resp: 420992

Ion	Ratio	Lower	Upper
69	100		
41	55.0	45.3	67.9
39	27.9	29.3	43.9





#57

1,3-Dichloropropane

Concen: 51.969 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076533.D

Acq: 03 Feb 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 479504

Ion Ratio Lower Upper

76 100

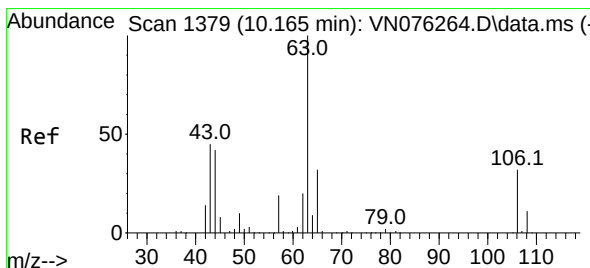
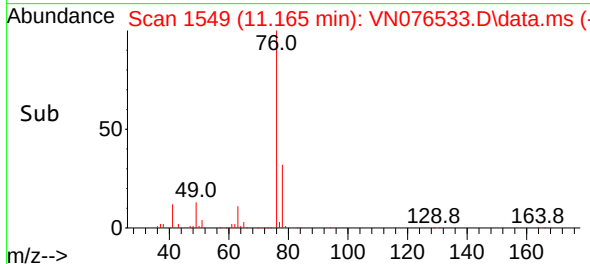
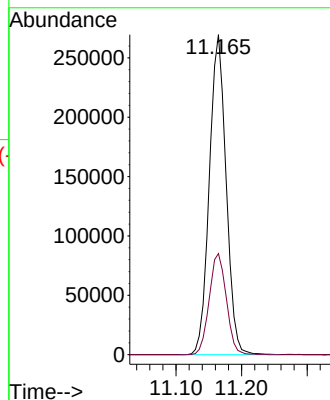
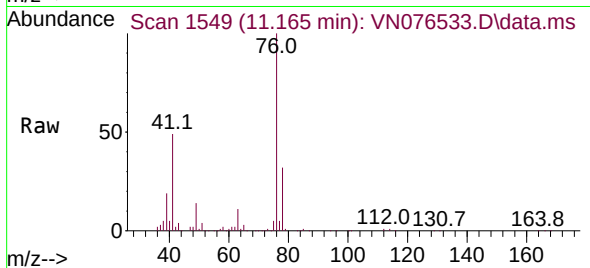
78 32.2 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 236.988 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN076533.D

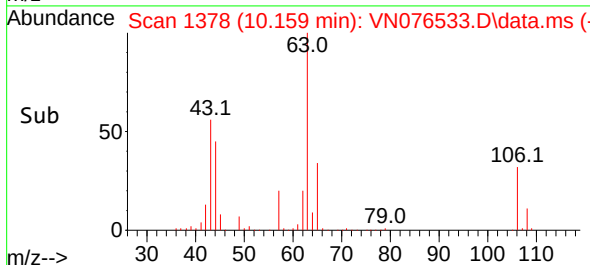
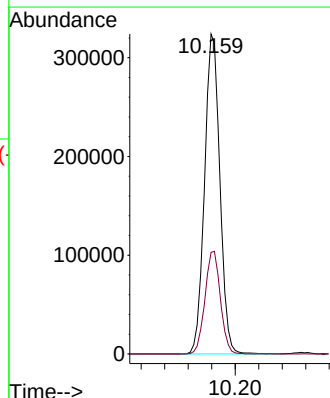
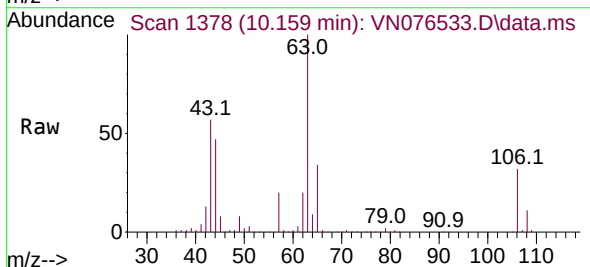
Acq: 03 Feb 2023 16:57

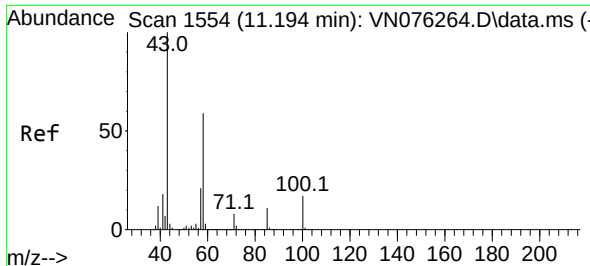
Tgt Ion: 63 Resp: 586438

Ion Ratio Lower Upper

63 100

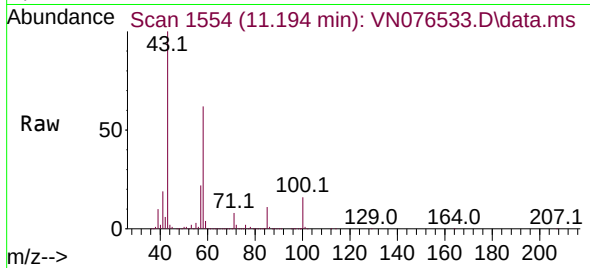
106 32.3 26.2 39.2





#59
2-Hexanone
Concen: 242.750 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

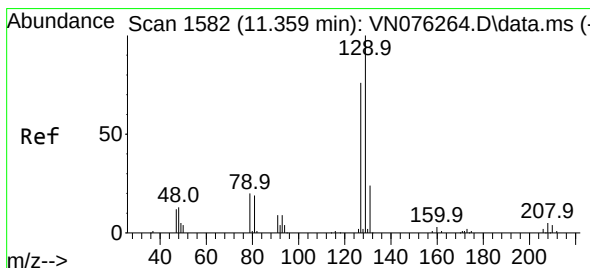
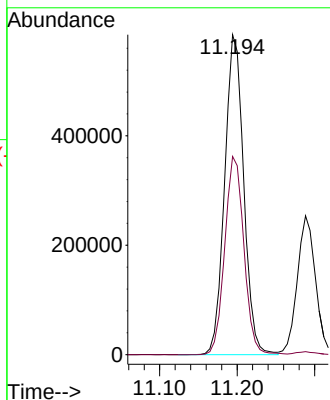
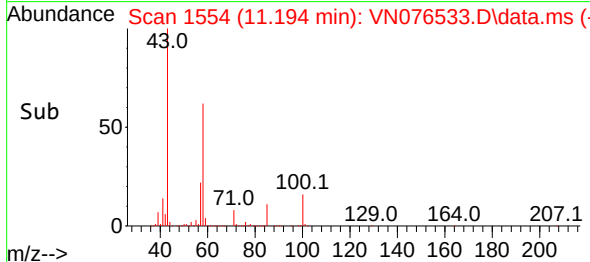
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1000930
Ion Ratio Lower Upper
43 100
58 62.3 30.1 90.3

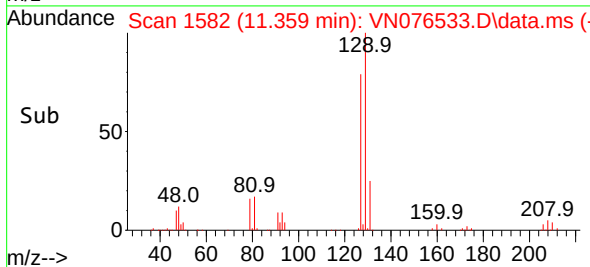
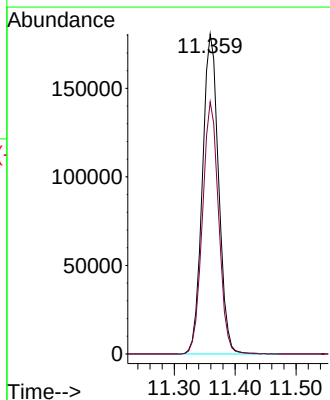
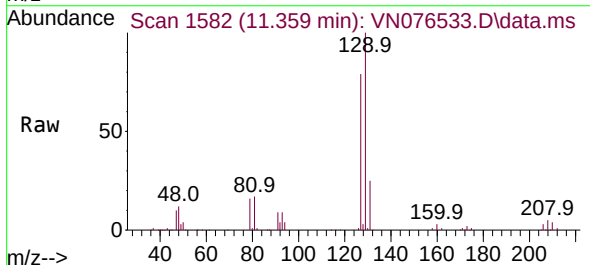
Manual Integrations
APPROVED

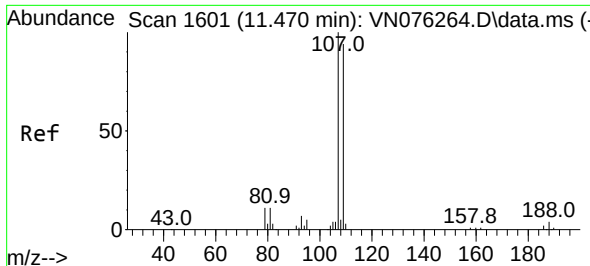
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#60
Dibromochloromethane
Concen: 55.915 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

Tgt Ion:129 Resp: 334193
Ion Ratio Lower Upper
129 100
127 78.5 38.7 116.1





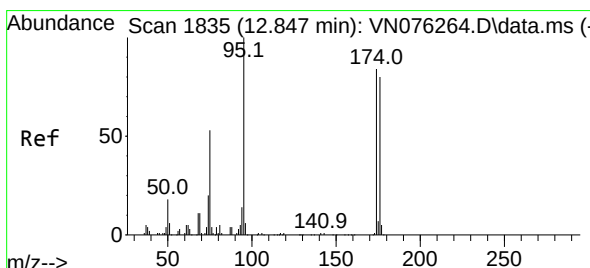
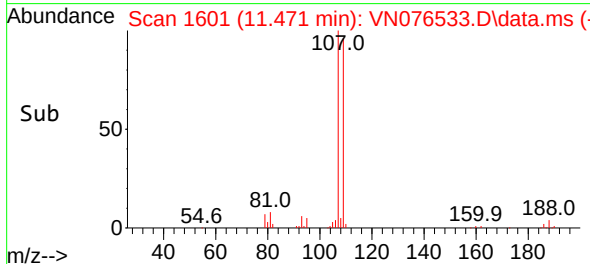
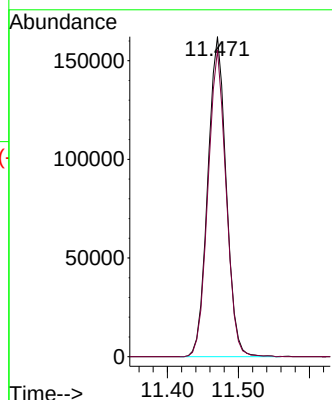
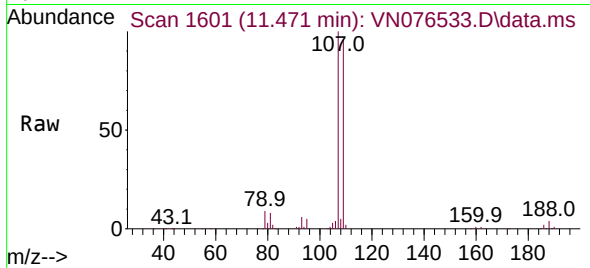
#61
1,2-Dibromoethane
Concen: 51.574 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.001 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 292284
Ion Ratio Lower Upper
107 100
109 94.4 76.0 114.0

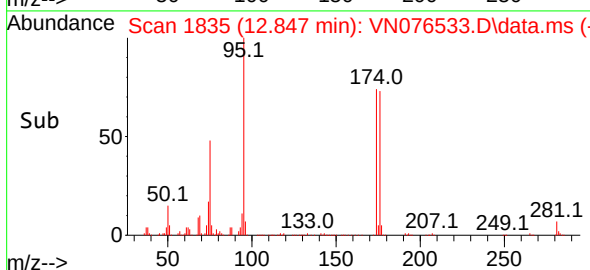
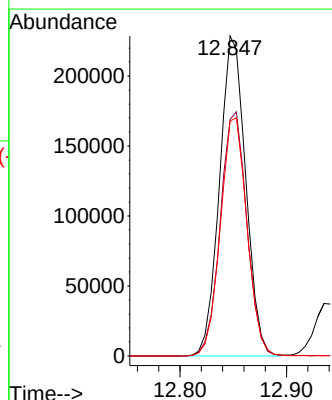
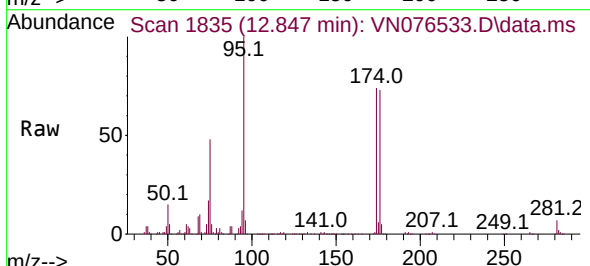
Manual Integrations
APPROVED

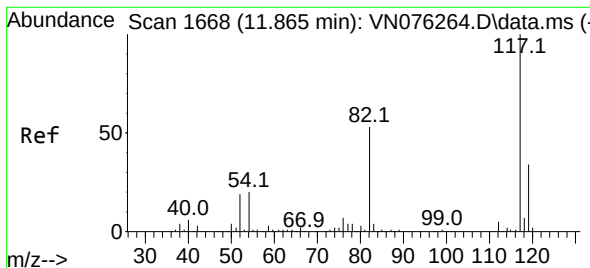
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#62
4-Bromofluorobenzene
Concen: 61.847 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

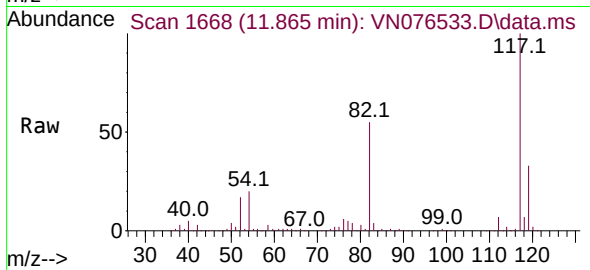
Tgt Ion: 95 Resp: 389793
Ion Ratio Lower Upper
95 100
174 77.4 0.0 174.6
176 75.5 0.0 167.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

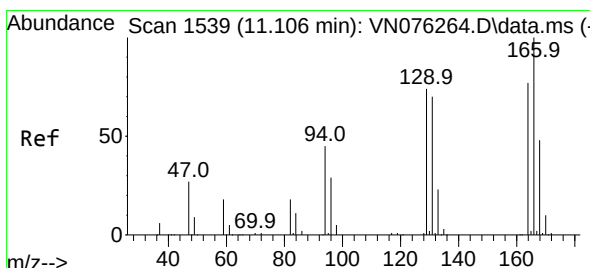
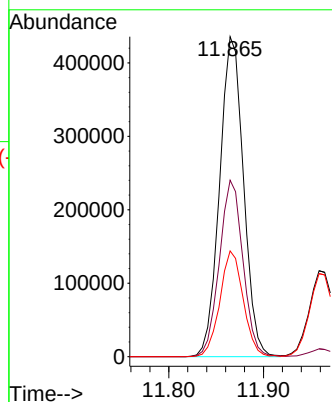
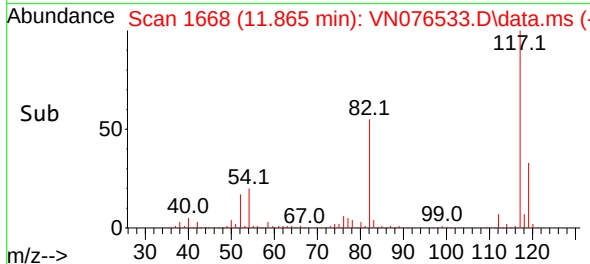
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 764385
Ion Ratio Lower Upper
117 100
82 55.1 42.2 63.2
119 33.0 26.9 40.3

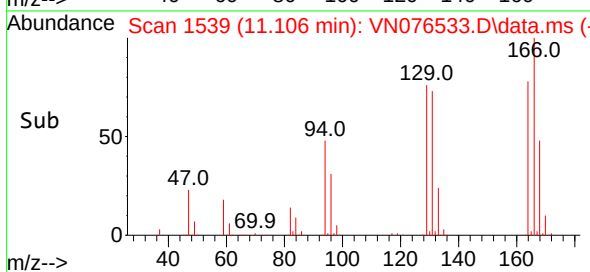
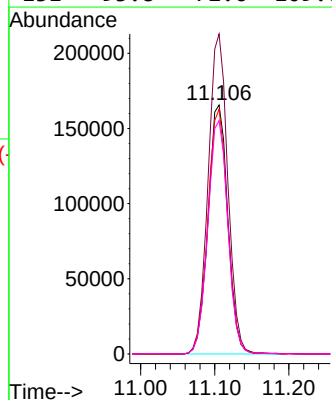
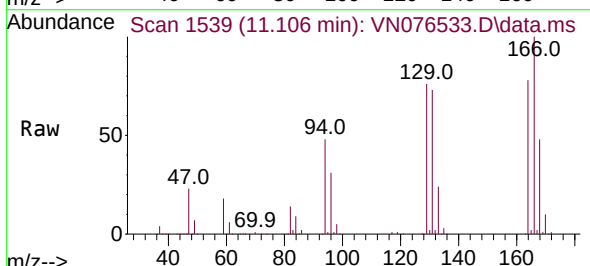
Manual Integrations
APPROVED

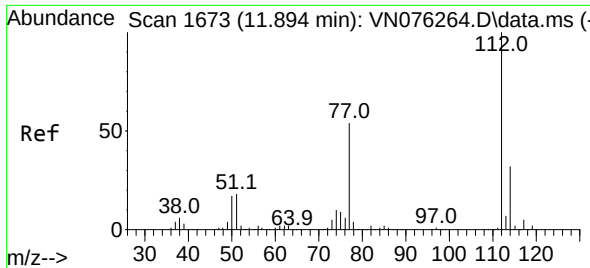
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#64
Tetrachloroethene
Concen: 44.627 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

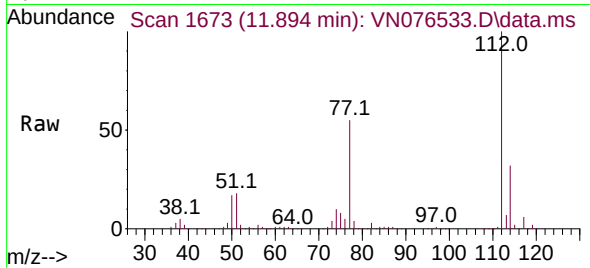
Tgt Ion:164 Resp: 307630
Ion Ratio Lower Upper
164 100
166 128.6 104.0 156.0
129 98.3 76.6 114.8
131 93.8 72.6 109.0





#65
Chlorobenzene
Concen: 49.384 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

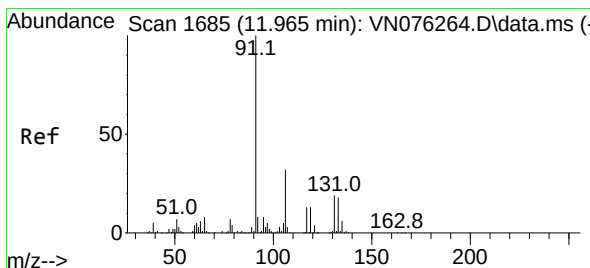
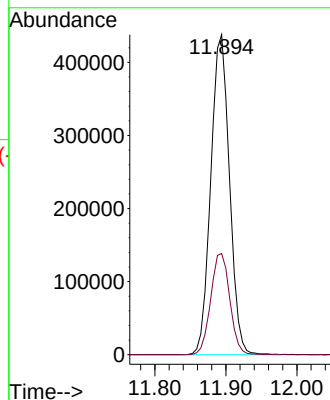
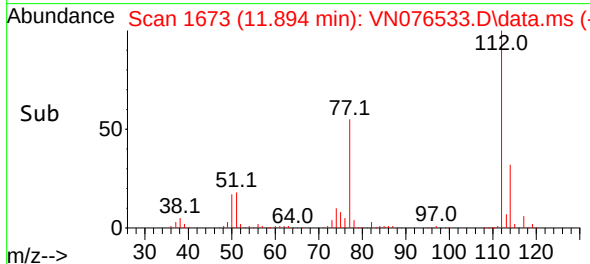
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



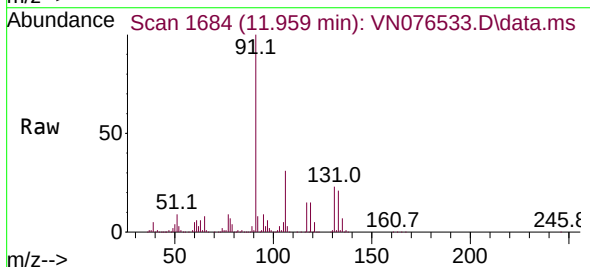
Tgt Ion:112 Resp: 797954
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9

Manual Integrations
APPROVED

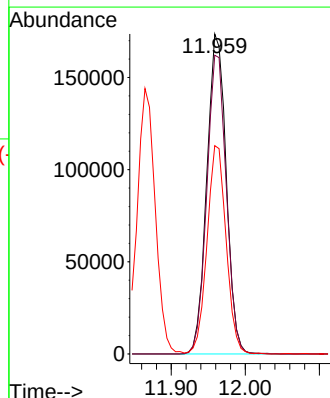
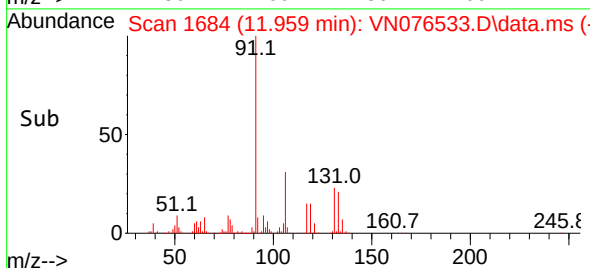
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

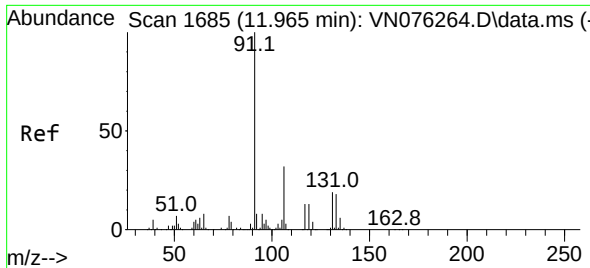


#66
1,1,1,2-Tetrachloroethane
Concen: 52.534 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57



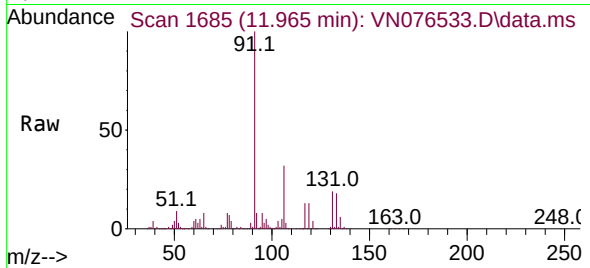
Tgt Ion:131 Resp: 315827
Ion Ratio Lower Upper
131 100
133 94.0 47.4 142.2
119 64.1 32.3 96.8





#67
Ethyl Benzene
Concen: 52.986 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

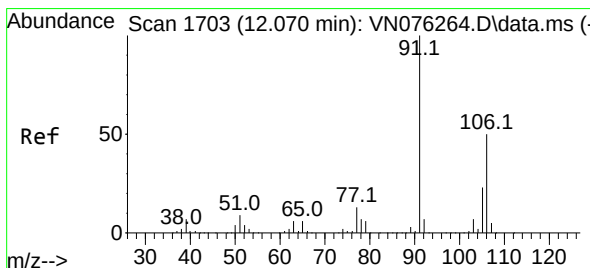
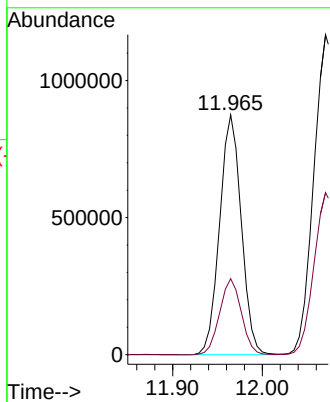
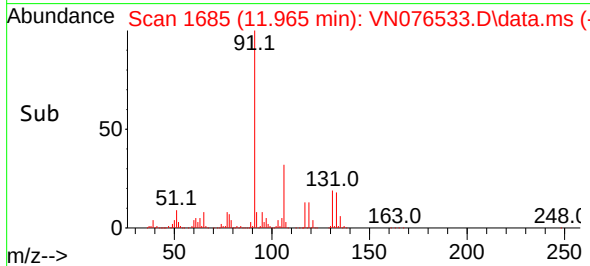
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



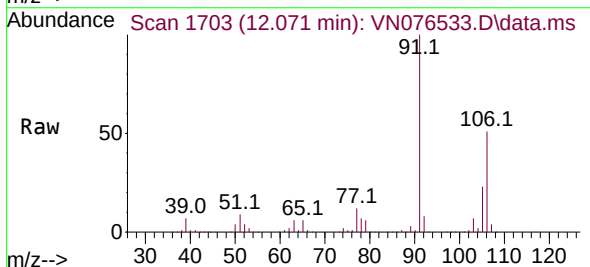
Tgt Ion: 91 Resp: 1465270
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3

Manual Integrations
APPROVED

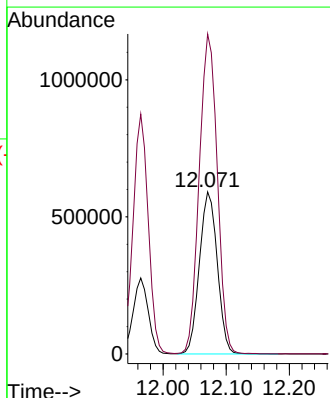
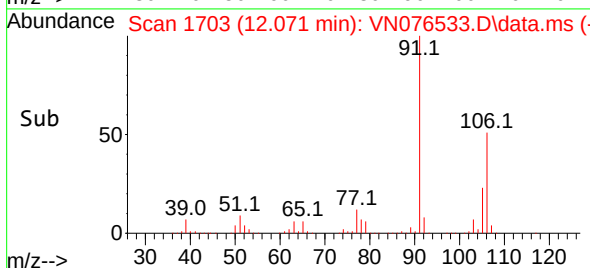
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

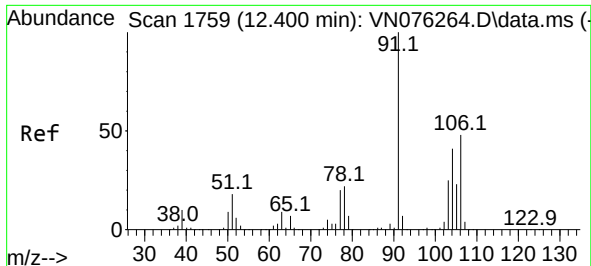


#68
m/p-Xylenes
Concen: 104.597 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57



Tgt Ion:106 Resp: 1159878
Ion Ratio Lower Upper
106 100
91 199.5 157.5 236.3





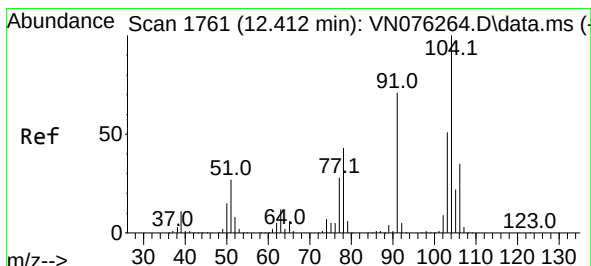
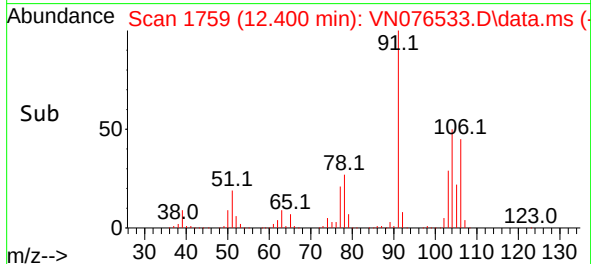
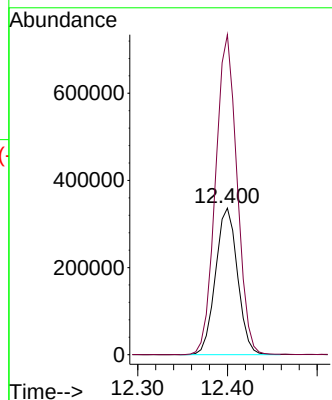
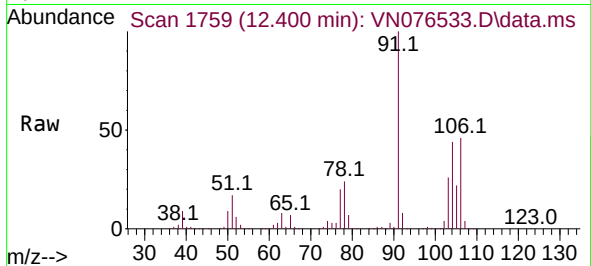
#69
o-Xylene
Concen: 52.584 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 572634
Ion Ratio Lower Upper
106 100
91 213.7 103.2 309.4

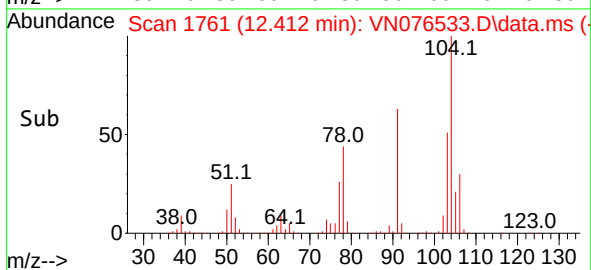
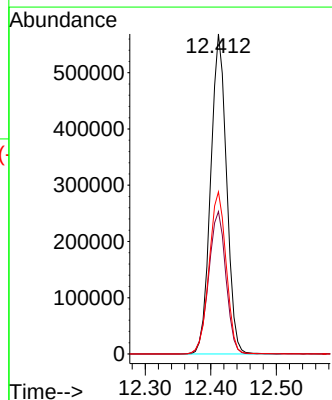
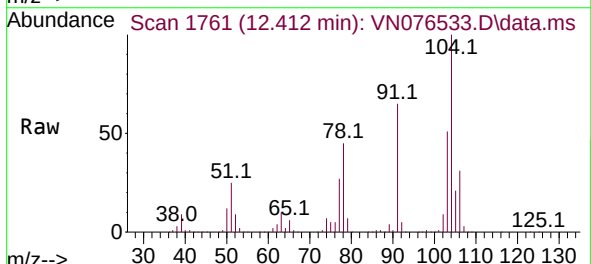
Manual Integrations
APPROVED

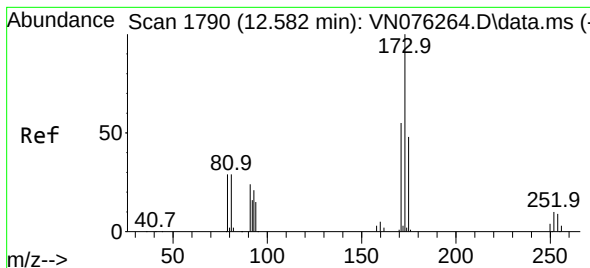
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#70
Styrene
Concen: 55.152 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

Tgt Ion:104 Resp: 958974
Ion Ratio Lower Upper
104 100
78 48.2 37.4 56.0
103 54.4 44.2 66.2





#71

Bromoform

Concen: 53.195 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VN076533.D

Acq: 03 Feb 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

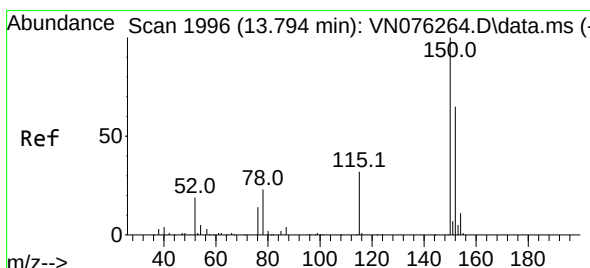
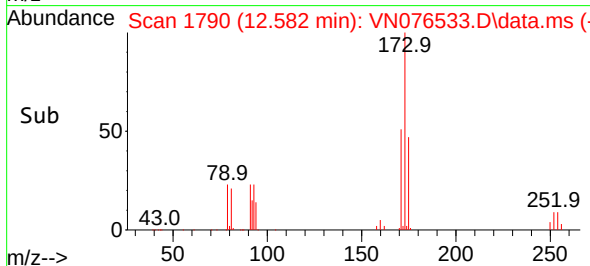
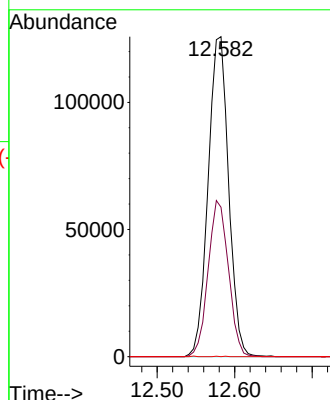
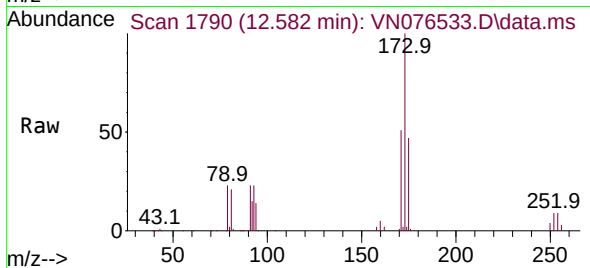
Tgt Ion:173	Resp: 23095
Ion Ratio	Lower Upper
173	100
175	48.5 24.1 72.4
254	0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

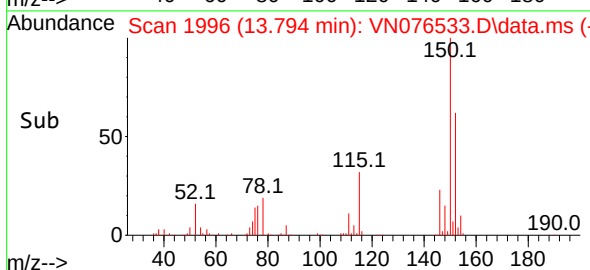
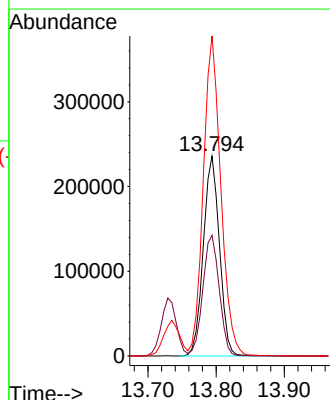
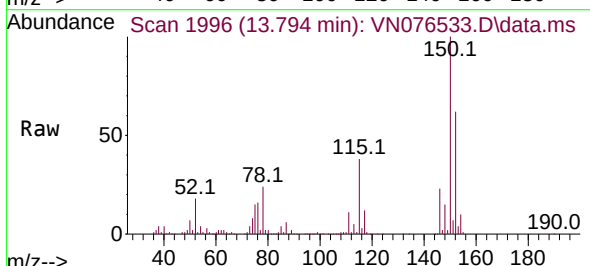
RT: 13.794 min Scan# 1996

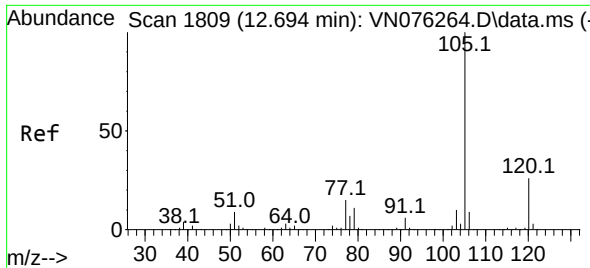
Delta R.T. -0.000 min

Lab File: VN076533.D

Acq: 03 Feb 2023 16:57

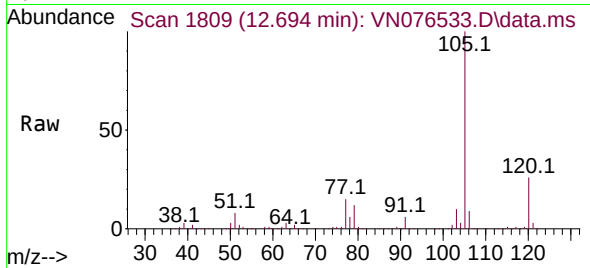
Tgt Ion:152	Resp: 388027
Ion Ratio	Lower Upper
152	100
115	61.6 29.6 88.9
150	173.8 0.0 351.4





#73
Isopropylbenzene
Concen: 51.417 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

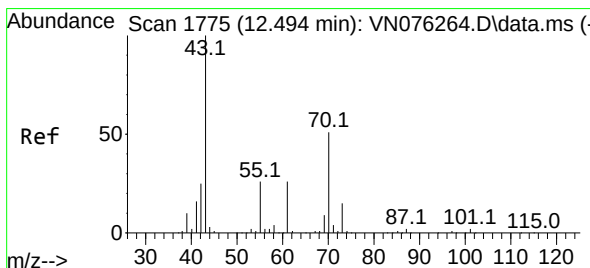
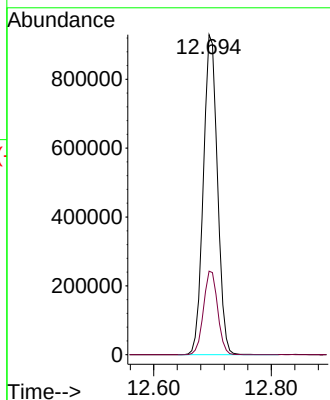
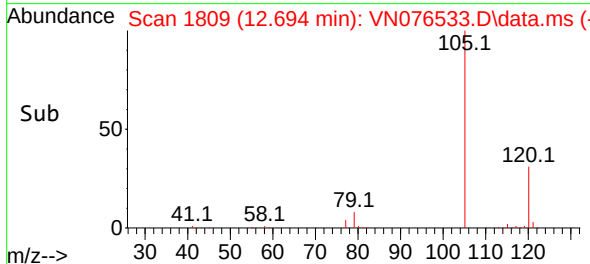
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



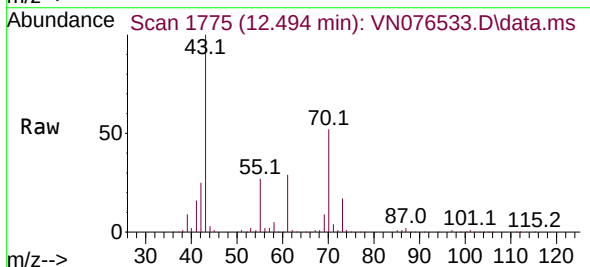
Tgt Ion:105 Resp: 154344
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1

Manual Integrations
APPROVED

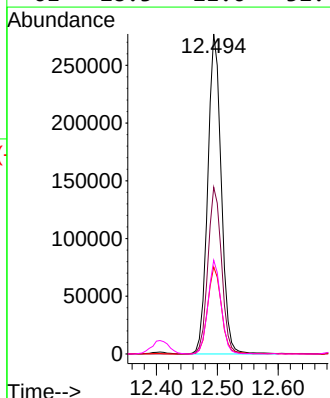
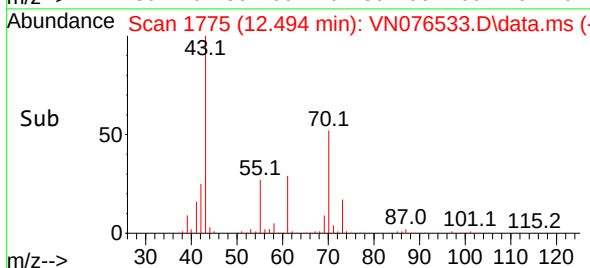
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

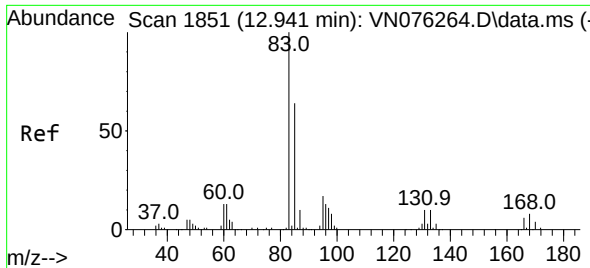


#74
N-ethyl acetate
Concen: 49.492 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57



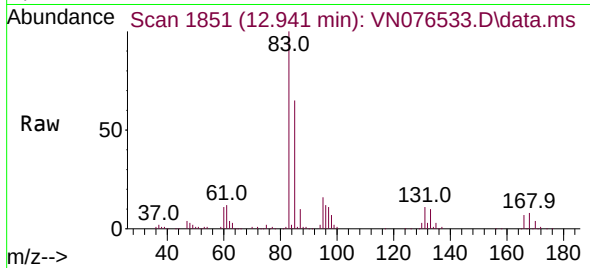
Tgt Ion: 43 Resp: 427343
Ion Ratio Lower Upper
43 100
70 52.4 41.2 61.8
55 27.6 21.0 31.6
61 28.3 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 46.266 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

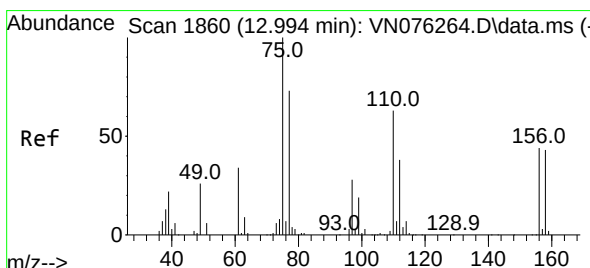
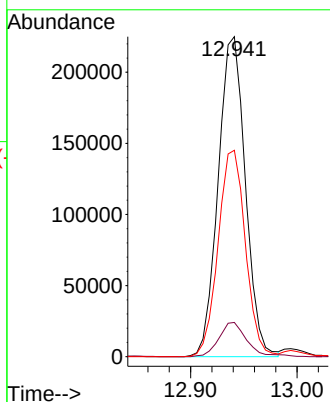
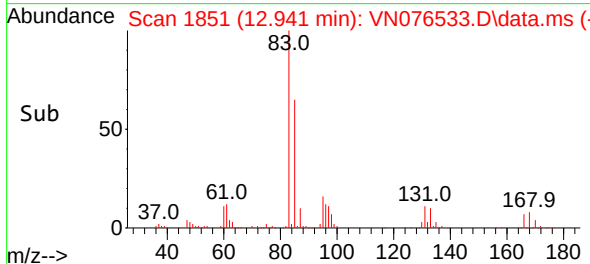
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



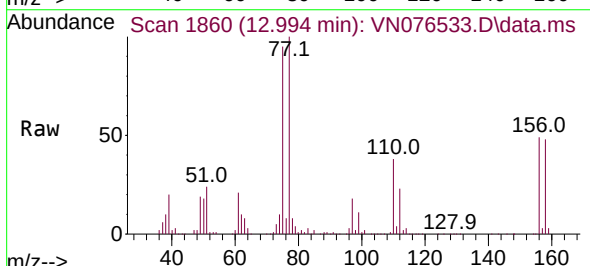
Tgt Ion: 83 Resp: 399248
Ion Ratio Lower Upper
83 100
131 11.0 5.5 16.4
85 64.8 31.7 95.1

Manual Integrations
APPROVED

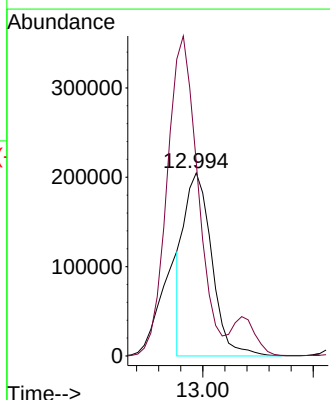
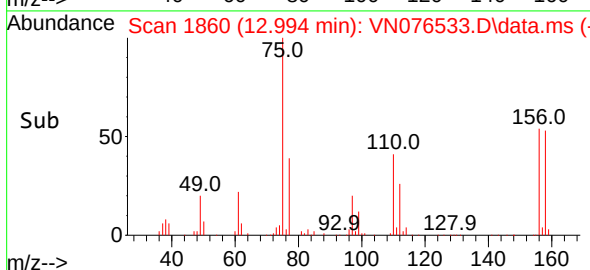
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

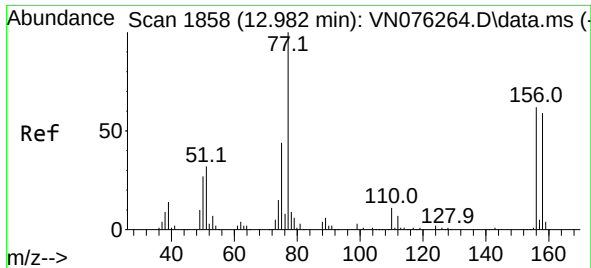


#76
1,2,3-Trichloropropane
Concen: 50.521 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57



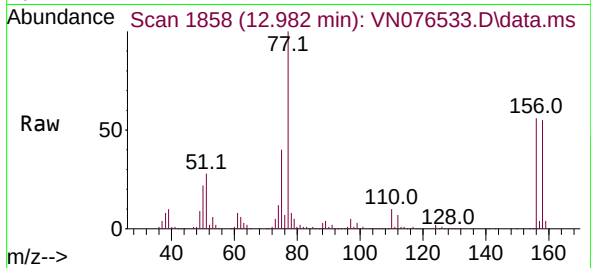
Tgt Ion: 75 Resp: 357055
Ion Ratio Lower Upper
75 100
77 193.8 75.2 225.6





#77
Bromobenzene
Concen: 49.873 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

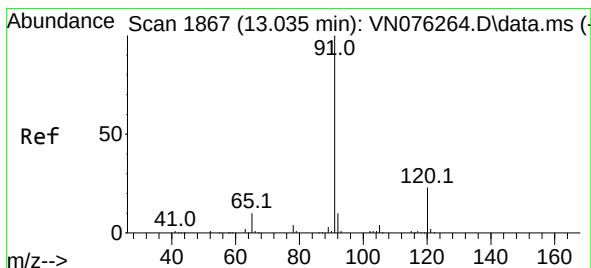
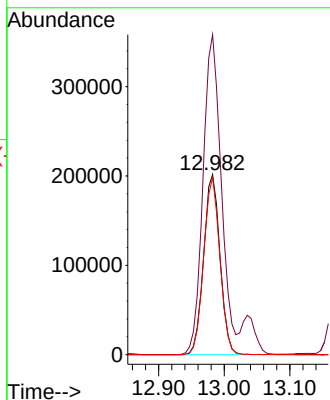
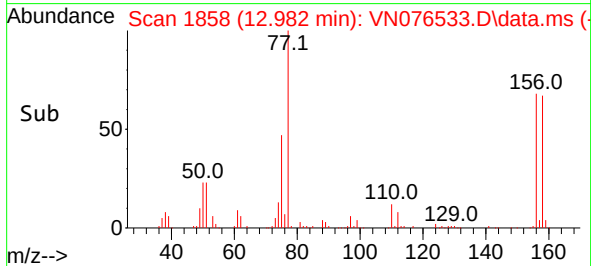
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 350020
Ion Ratio Lower Upper
156 100
77 197.6 93.4 280.2
158 97.3 48.4 145.2

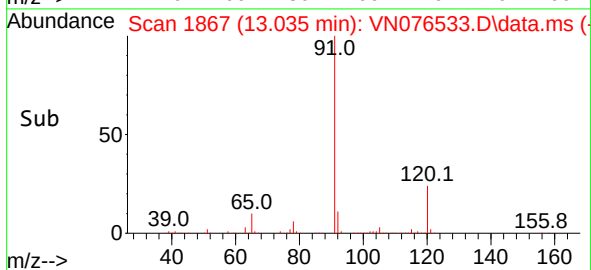
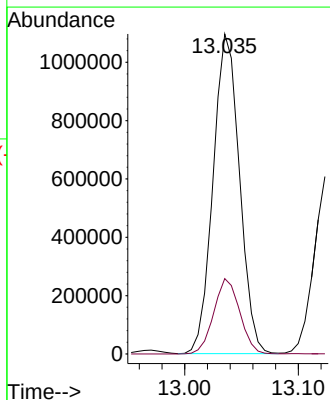
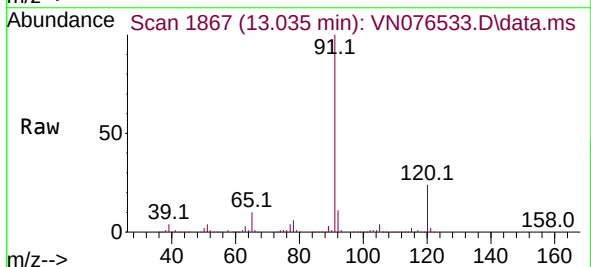
Manual Integrations
APPROVED

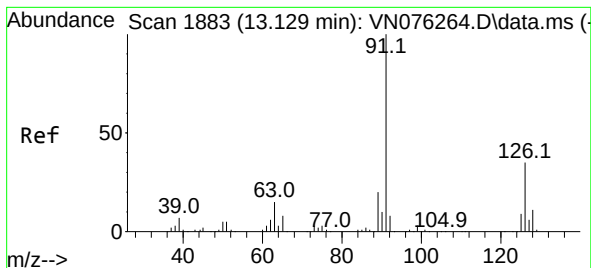
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#78
n-propylbenzene
Concen: 52.284 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

Tgt Ion: 91 Resp: 1770865
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.5





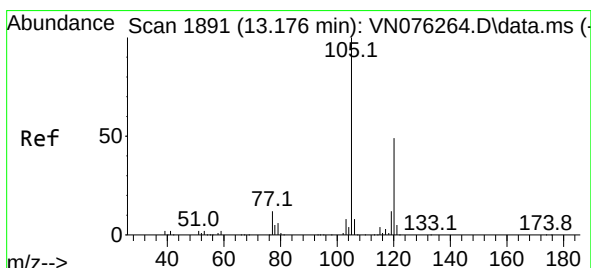
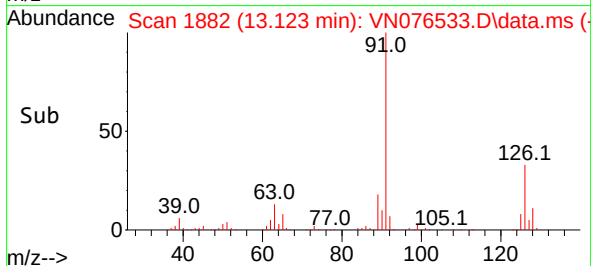
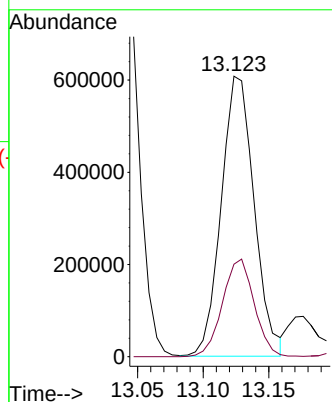
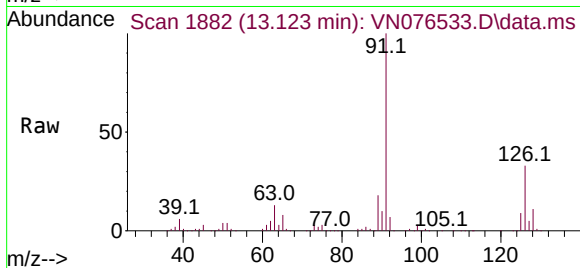
#79
2-Chlorotoluene
Concen: 51.105 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 106216
Ion Ratio Lower Upper
91 100
126 33.6 17.4 52.2

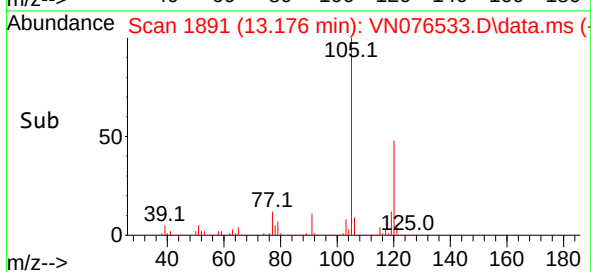
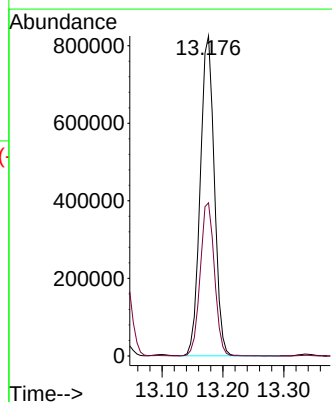
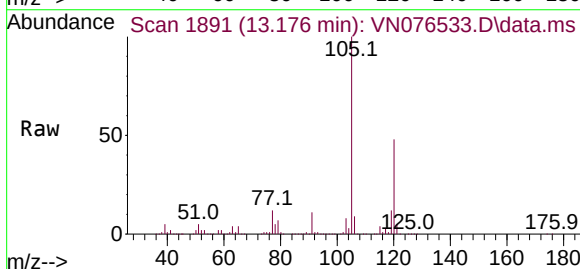
Manual Integrations
APPROVED

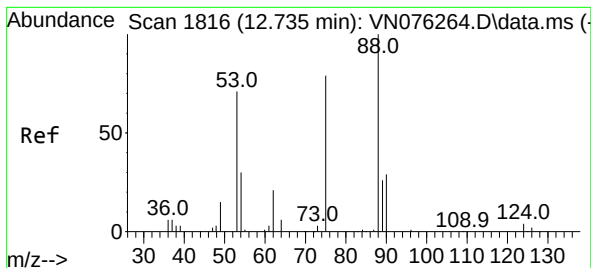
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 52.676 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

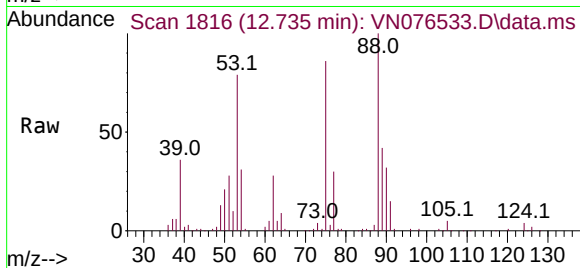
Tgt Ion:105 Resp: 1324693
Ion Ratio Lower Upper
105 100
120 48.7 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 51.149 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

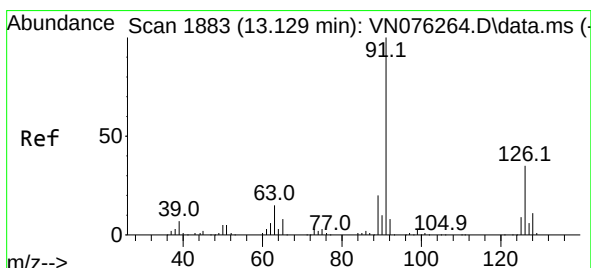
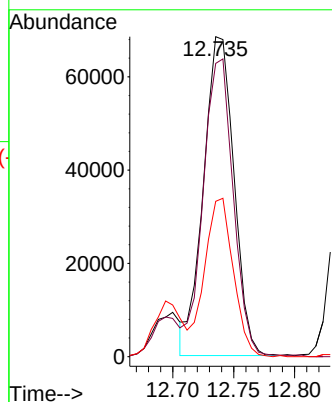
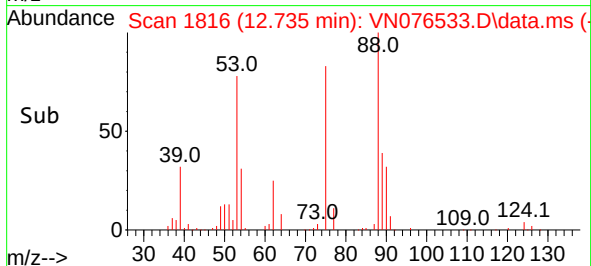
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



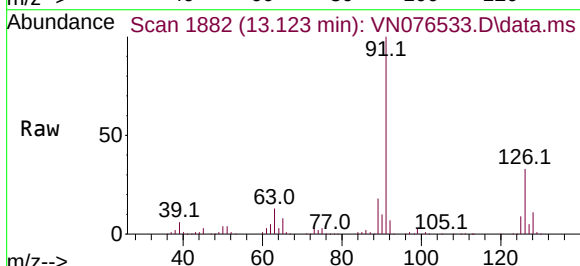
Tgt Ion: 75 Resp: 119280
Ion Ratio Lower Upper
75 100
53 92.8 75.8 113.8
89 46.8 37.0 55.6

Manual Integrations
APPROVED

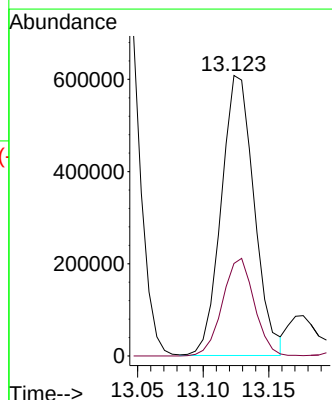
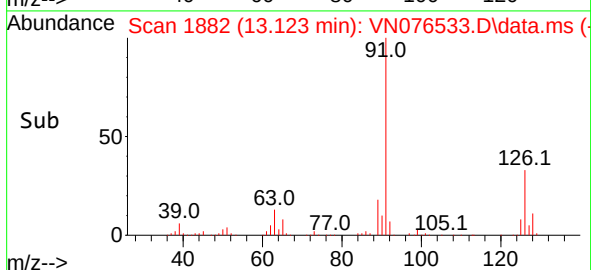
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

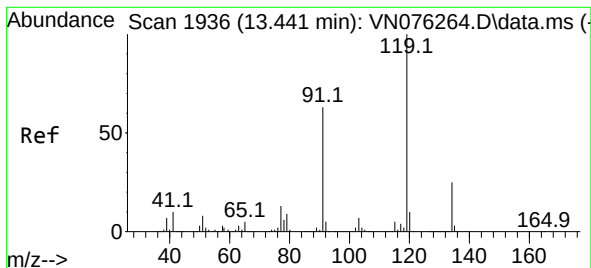


#82
4-Chlorotoluene
Concen: 51.105 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57



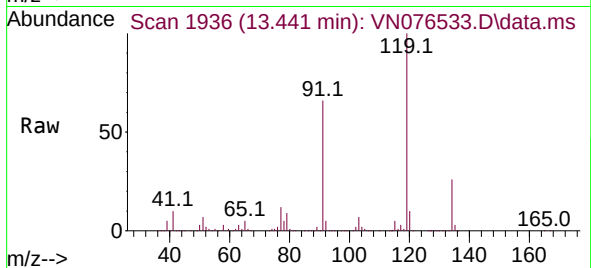
Tgt Ion: 91 Resp: 1062162
Ion Ratio Lower Upper
91 100
126 33.6 17.4 52.2





#83
tert-Butylbenzene
Concen: 51.876 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

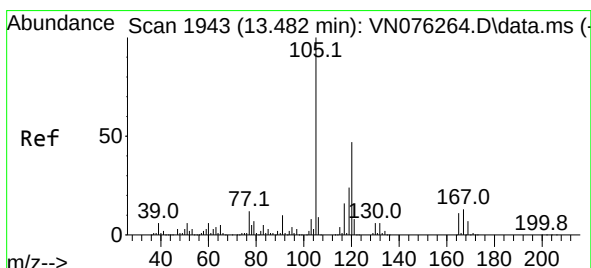
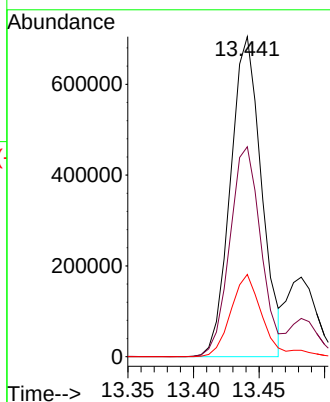
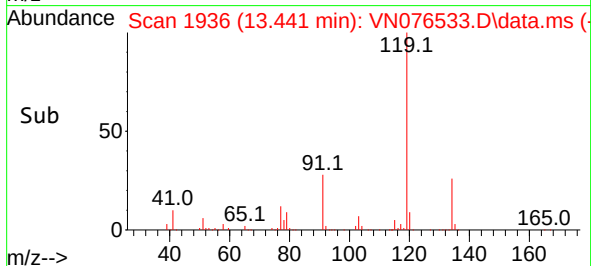
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 116028
Ion Ratio Lower Upper
119 100
91 67.0 32.2 96.6
134 26.5 13.6 40.8

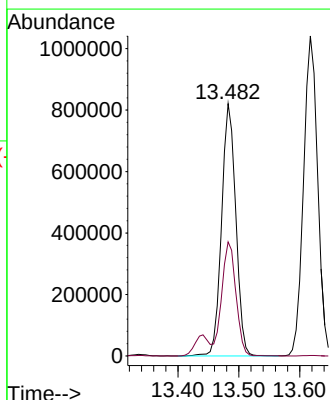
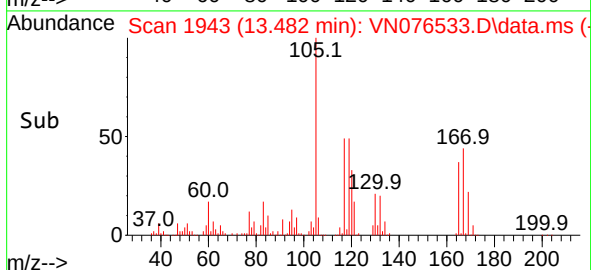
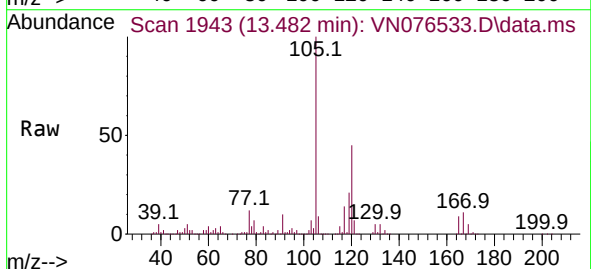
Manual Integrations
APPROVED

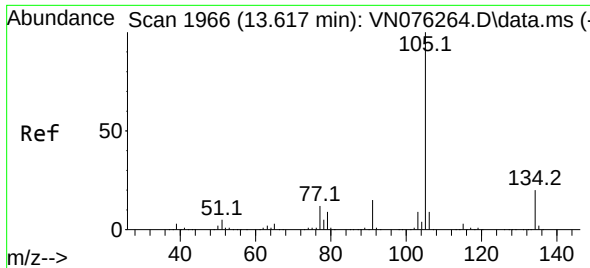
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#84
1,2,4-Trimethylbenzene
Concen: 52.779 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

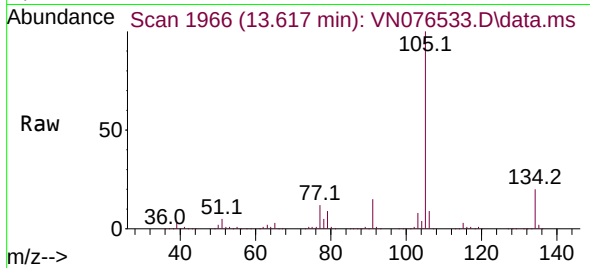
Tgt Ion:105 Resp: 1330900
Ion Ratio Lower Upper
105 100
120 45.4 22.9 68.5





#85
 sec-Butylbenzene
 Concen: 54.021 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076533.D
 Acq: 03 Feb 2023 16:57

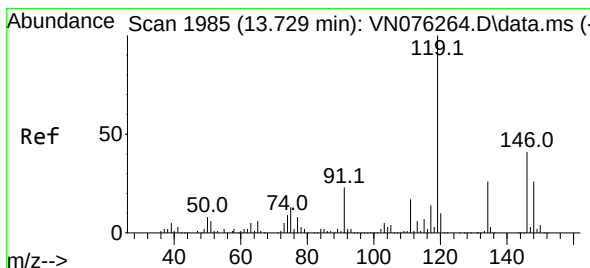
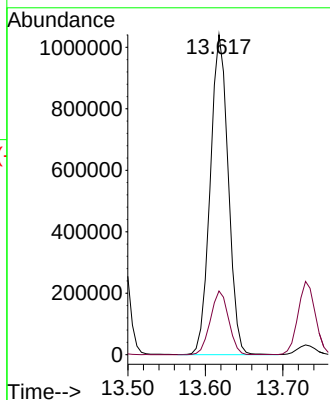
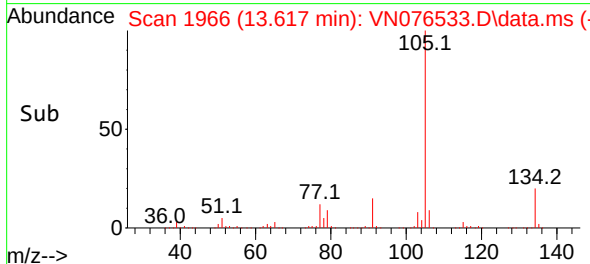
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



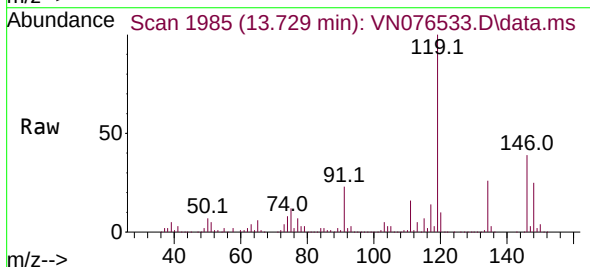
Tgt Ion:105 Resp: 1676580
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.3 30.8

Manual Integrations
 APPROVED

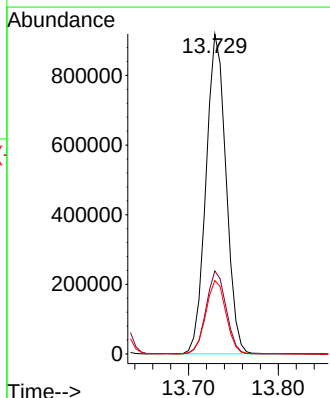
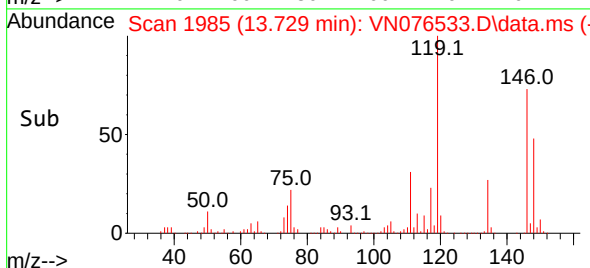
Reviewed By :John Carlone 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023

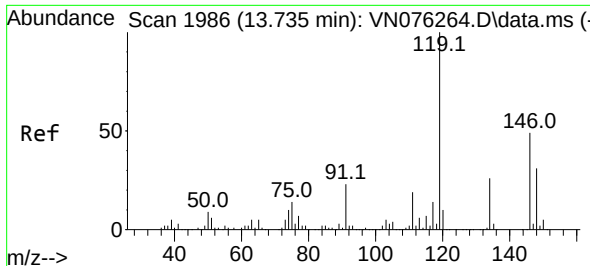


#86
 p-Isopropyltoluene
 Concen: 55.737 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076533.D
 Acq: 03 Feb 2023 16:57



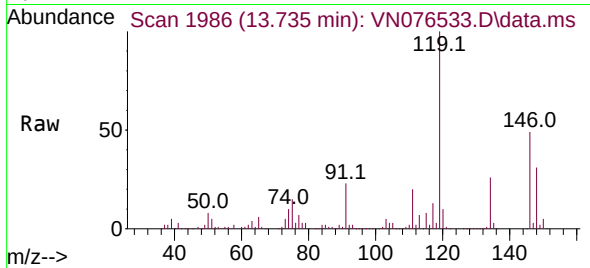
Tgt Ion:119 Resp: 1422457
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.6
 91 23.1 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 47.901 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

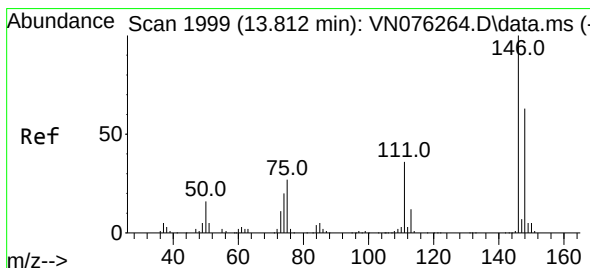
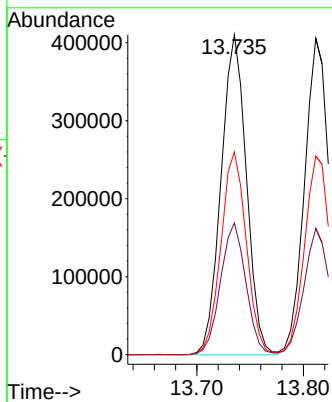
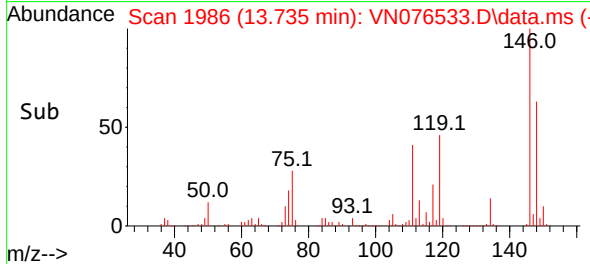
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



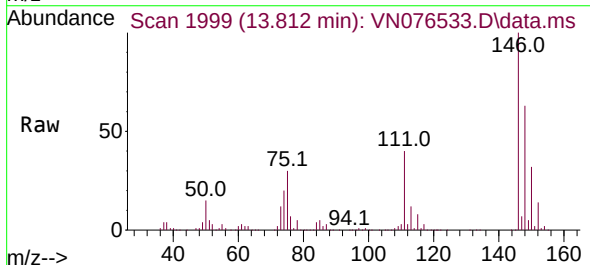
Tgt Ion:146 Resp: 677720
Ion Ratio Lower Upper
146 100
111 41.1 19.9 59.7
148 63.5 31.6 94.8

Manual Integrations
APPROVED

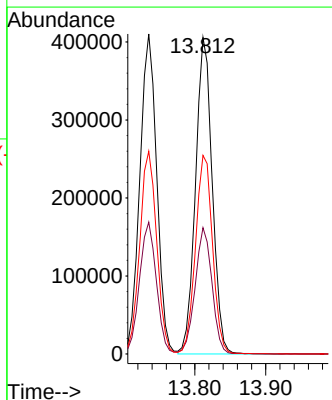
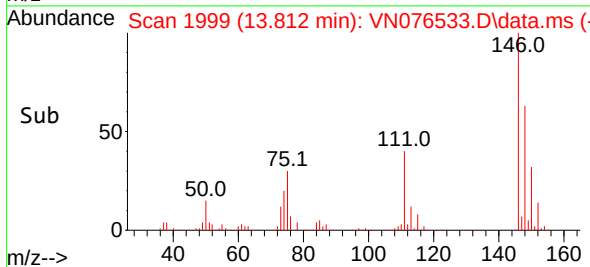
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

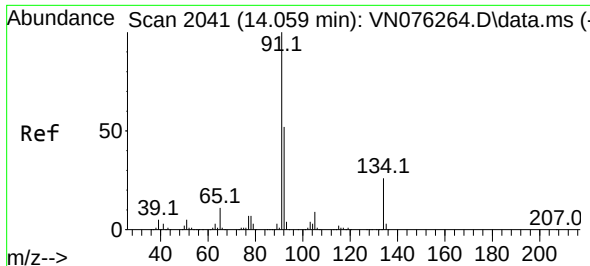


#88
1,4-Dichlorobenzene
Concen: 49.450 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57



Tgt Ion:146 Resp: 665528
Ion Ratio Lower Upper
146 100
111 40.5 19.1 57.5
148 64.2 31.9 95.9





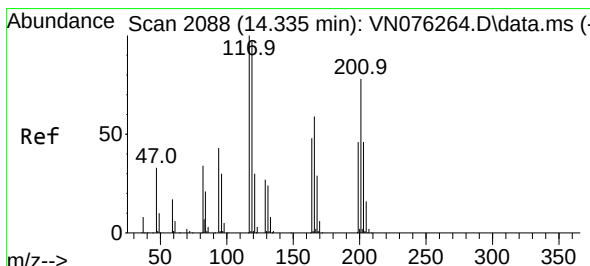
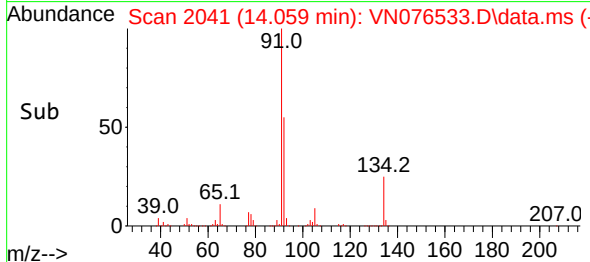
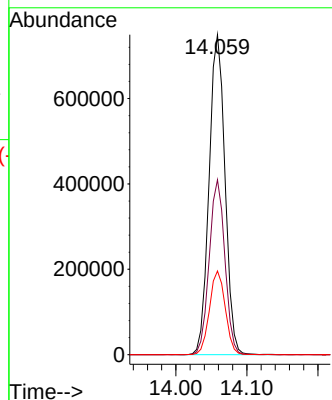
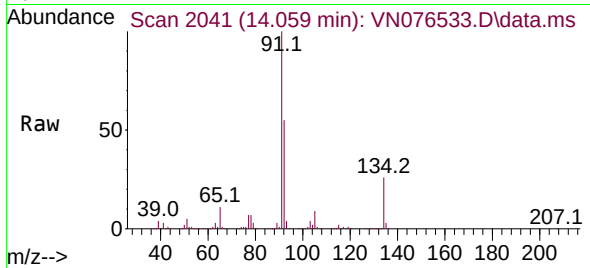
#89
n-Butylbenzene
Concen: 57.661 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 116817
Ion Ratio Lower Upper
91 100
92 53.8 26.3 78.9
134 26.0 13.2 39.5

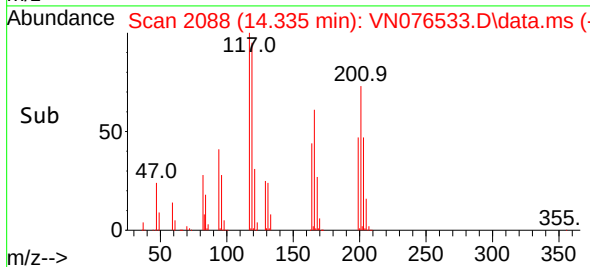
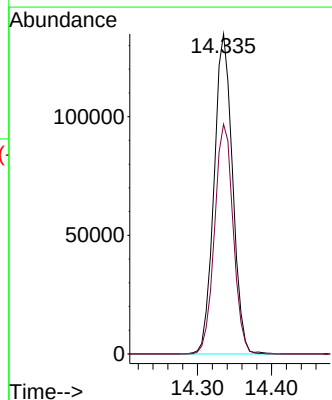
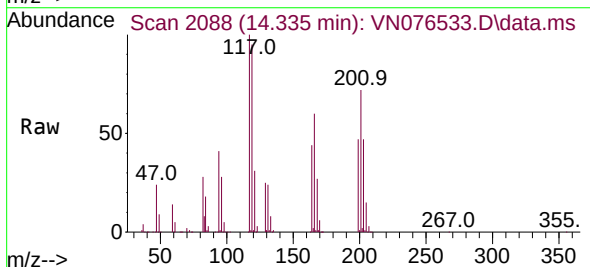
Manual Integrations
APPROVED

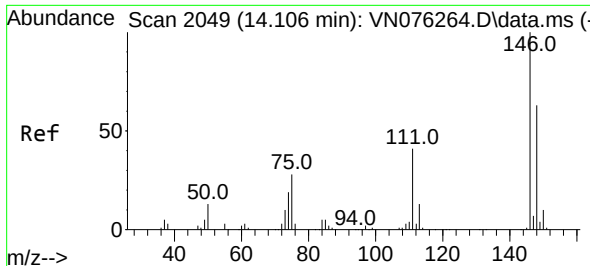
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#90
Hexachloroethane
Concen: 53.008 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

Tgt Ion:117 Resp: 233486
Ion Ratio Lower Upper
117 100
201 72.4 37.3 111.9





#91

1,2-Dichlorobenzene

Concen: 46.004 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN076533.D

Acq: 03 Feb 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 648274

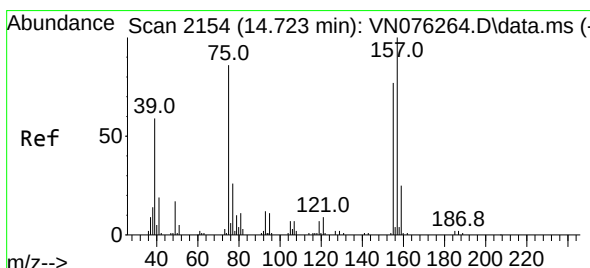
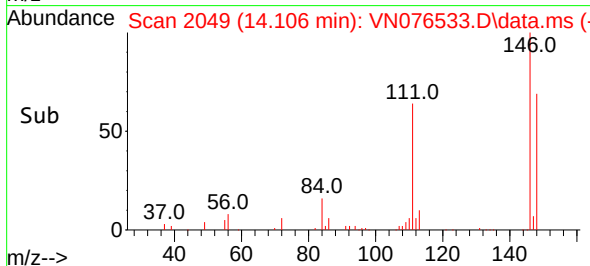
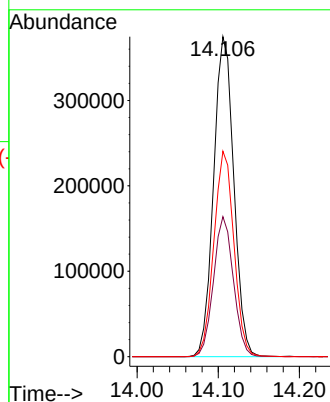
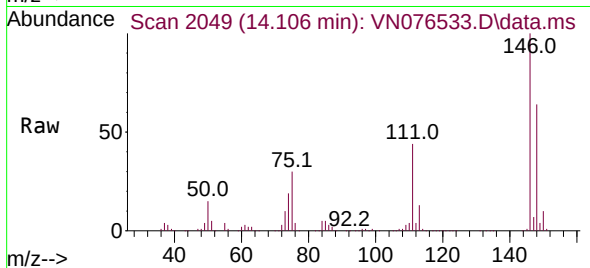
Ion	Ratio	Lower	Upper
146	100		
111	43.1	20.3	60.8
148	63.8	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.577 ug/l

RT: 14.723 min Scan# 2154

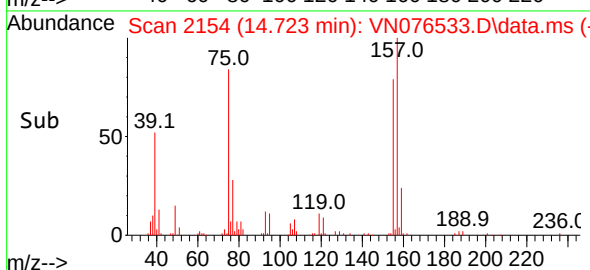
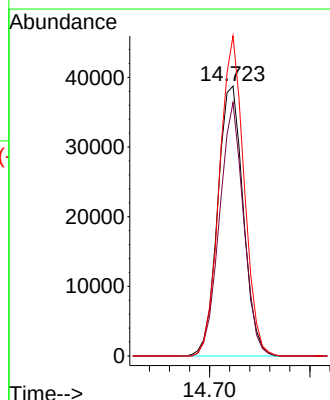
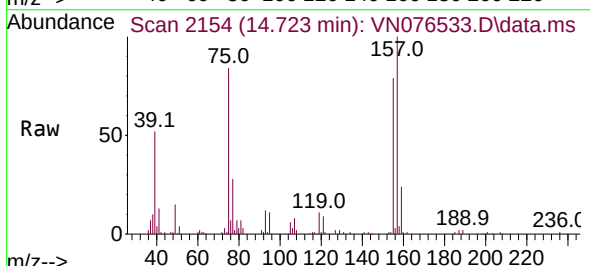
Delta R.T. 0.000 min

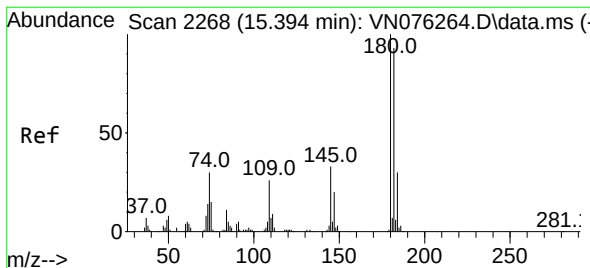
Lab File: VN076533.D

Acq: 03 Feb 2023 16:57

Tgt Ion: 75 Resp: 68366

Ion	Ratio	Lower	Upper
75	100		
155	88.3	45.0	135.0
157	113.9	58.3	174.9





#93

1,2,4-Trichlorobenzene

Concen: 46.551 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN076533.D

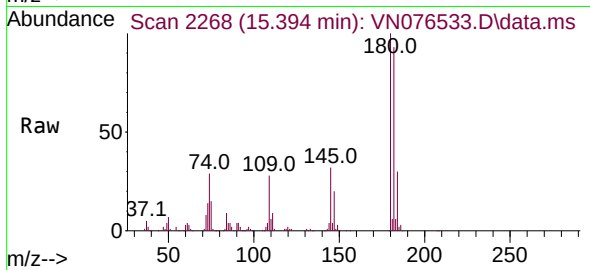
Acq: 03 Feb 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 316339

Ion Ratio Lower Upper

180 100

182 96.4 47.0 141.2

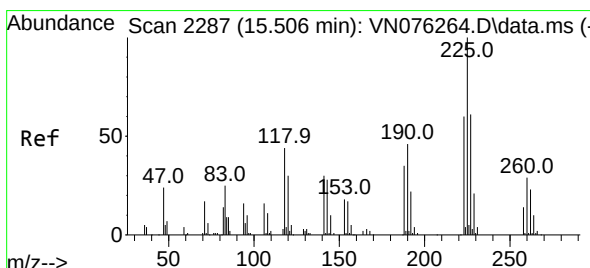
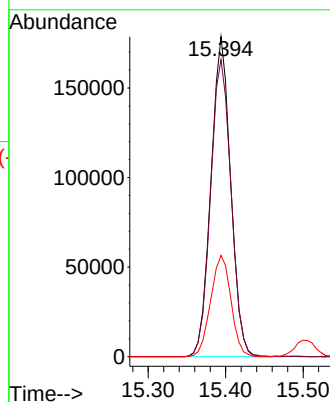
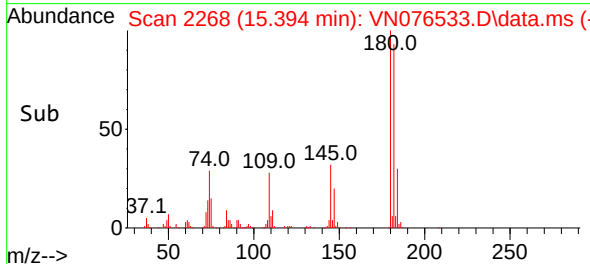
145 32.6 15.2 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#94

Hexachlorobutadiene

Concen: 46.448 ug/l

RT: 15.500 min Scan# 2286

Delta R.T. -0.006 min

Lab File: VN076533.D

Acq: 03 Feb 2023 16:57

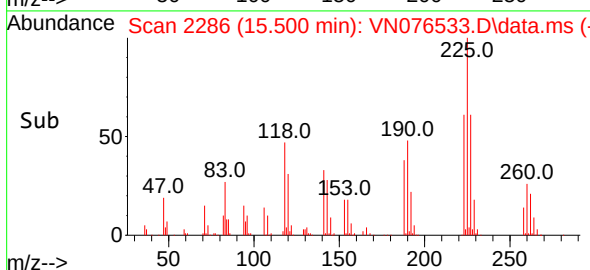
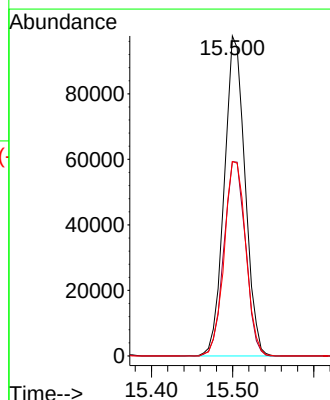
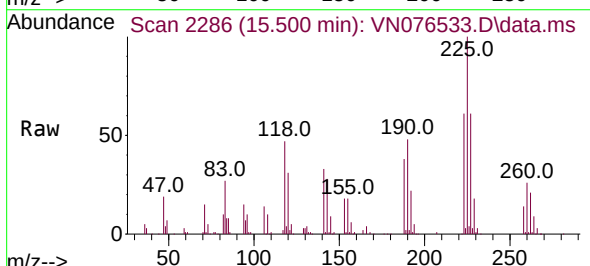
Tgt Ion:225 Resp: 173694

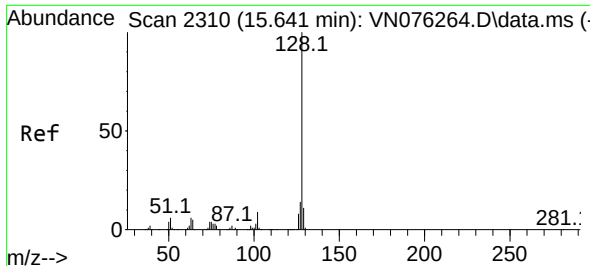
Ion Ratio Lower Upper

225 100

223 63.1 30.8 92.3

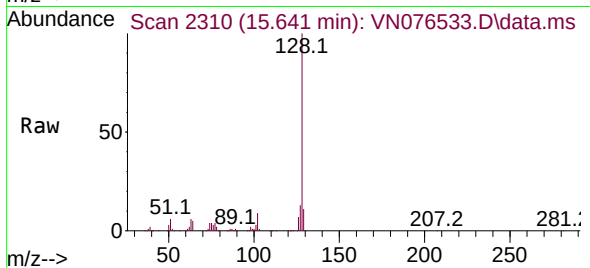
227 63.3 30.9 92.8





#95
Naphthalene
Concen: 43.315 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

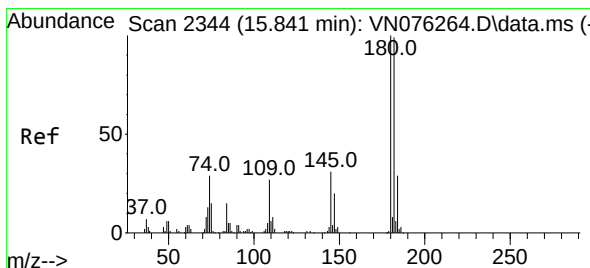
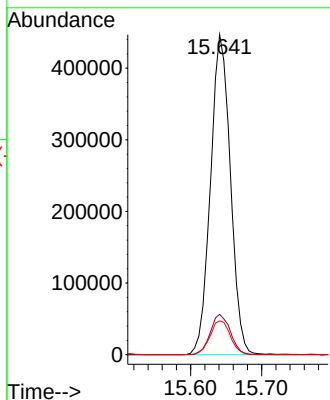
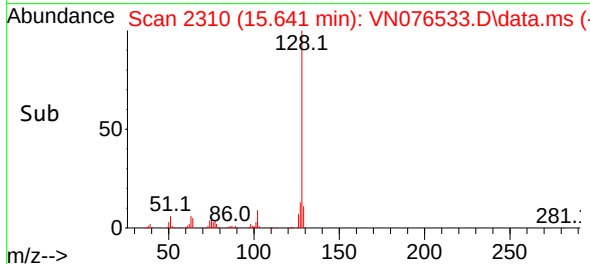
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 86812
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#96
1,2,3-Trichlorobenzene
Concen: 46.759 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076533.D
Acq: 03 Feb 2023 16:57

Tgt Ion:180 Resp: 302988
Ion Ratio Lower Upper
180 100
182 94.9 47.5 142.5
145 34.6 15.9 47.6

