

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN113022\
 Data File : VN075489.D
 Acq On : 30 Nov 2022 08:54
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/01/2022
 Supervised By : Mahesh Dadoda 12/01/2022

Quant Time: Dec 01 01:54:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	153924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	250858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	226448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	40097	48.529	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.060%
35) Dibromofluoromethane	8.171	113	51745	52.509	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.020%
50) Toluene-d8	10.565	98	113188	50.997	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.000%
62) 4-Bromofluorobenzene	12.847	95	86398	52.738	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	52718	44.790	ug/l	100
3) Chloromethane	2.371	50	60022	40.984	ug/l	99
4) Vinyl Chloride	2.524	62	82483	44.688	ug/l	94
5) Bromomethane	2.936	94	75785	46.692	ug/l	98
6) Chloroethane	3.112	64	62600	44.760	ug/l	95
7) Trichlorofluoromethane	3.501	101	125691	47.668	ug/l	92
8) Diethyl Ether	3.971	74	44499	48.150	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	73278	50.340	ug/l	93
10) Methyl Iodide	4.595	142	113192	47.988	ug/l	97
11) Tert butyl alcohol	5.524	59	66994	193.151	ug/l	98
12) 1,1-Dichloroethene	4.348	96	67614	47.434	ug/l	86
13) Acrolein	4.183	56	91844	303.957	ug/l	100
14) Allyl chloride	5.036	41	91711m	49.741	ug/l	
15) Acrylonitrile	5.724	53	190093	238.882	ug/l	97
16) Acetone	4.436	43	208608	270.680	ug/l	94
17) Carbon Disulfide	4.718	76	156884	42.350	ug/l	99
18) Methyl Acetate	5.036	43	96646	49.737	ug/l	95
19) Methyl tert-butyl Ether	5.806	73	246773	48.871	ug/l	99
20) Methylene Chloride	5.283	84	77832	49.797	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	75882	46.712	ug/l	93
22) Diisopropyl ether	6.677	45	209341	49.754	ug/l	97
23) Vinyl Acetate	6.612	43	832106m	248.585	ug/l	
24) 1,1-Dichloroethane	6.577	63	134697	49.875	ug/l	98
25) 2-Butanone	7.488	43	262661	244.116	ug/l	100
26) 2,2-Dichloropropane	7.494	77	122441	48.782	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	90633	49.341	ug/l	95
28) Bromochloromethane	7.818	49	52560	47.945	ug/l	82
29) Tetrahydrofuran	7.841	42	154217	235.634	ug/l	99
30) Chloroform	7.971	83	150519	48.532	ug/l	97
31) Cyclohexane	8.259	56	116658	44.440	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	138767	49.278	ug/l	96
36) 1,1-Dichloropropene	8.377	75	108294	50.392	ug/l	97
37) Ethyl Acetate	7.559	43	93584	48.362	ug/l	98
38) Carbon Tetrachloride	8.365	117	123891	52.479	ug/l	99
39) Methylcyclohexane	9.600	83	139990	52.048	ug/l	97
40) Benzene	8.612	78	333775	50.728	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	49312	49.845	ug/l	94
42) 1,2-Dichloroethane	8.677	62	111415	50.560	ug/l	97
43) Isopropyl Acetate	8.688	43	157892	50.834	ug/l	96
44) Trichloroethene	9.353	130	88814	49.331	ug/l	97
45) 1,2-Dichloropropane	9.624	63	81703	52.107	ug/l	98
46) Dibromomethane	9.712	93	62113	52.372	ug/l	93
47) Bromodichloromethane	9.888	83	118362	51.535	ug/l	99
48) Methyl methacrylate	9.682	41	73309	51.044	ug/l	96
49) 1,4-Dioxane	9.694	88	37011	907.538	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	500882	253.190	ug/l	97
52) Toluene	10.629	92	221663	52.278	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	126404	54.822	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	134737	53.803	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	89195	51.649	ug/l	97
56) Ethyl methacrylate	10.877	69	128522	55.108	ug/l	97
57) 1,3-Dichloropropane	11.165	76	144094	51.173	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	222444	264.462	ug/l	96
59) 2-Hexanone	11.194	43	387899	261.123	ug/l	98
60) Dibromochloromethane	11.359	129	100714	56.817	ug/l	100
61) 1,2-Dibromoethane	11.471	107	93013	51.892	ug/l	99
64) Tetrachloroethene	11.100	164	83589	48.337	ug/l	87
65) Chlorobenzene	11.894	112	240790	51.489	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	95627	54.788	ug/l	98
67) Ethyl Benzene	11.965	91	434150	54.415	ug/l	97
68) m/p-Xylenes	12.071	106	352863	108.910	ug/l	99
69) o-Xylene	12.400	106	170516	52.970	ug/l	98
70) Styrene	12.412	104	281716	55.475	ug/l	98
71) Bromoform	12.576	173	77687	58.482	ug/l #	97
73) Isopropylbenzene	12.694	105	449457	52.463	ug/l	98
74) N-amyl acetate	12.494	43	137642	52.260	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	135045	51.704	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	111237m	50.172	ug/l	
77) Bromobenzene	12.982	156	110158	52.083	ug/l	84
78) n-propylbenzene	13.035	91	510938	53.440	ug/l	99
79) 2-Chlorotoluene	13.123	91	305170	52.975	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	389740	54.757	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	41701	55.651	ug/l	94
82) 4-Chlorotoluene	13.123	91	305170	52.975	ug/l	97
83) tert-Butylbenzene	13.441	119	343436	52.921	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	392734	55.009	ug/l	99
85) sec-Butylbenzene	13.617	105	488565	55.484	ug/l	99
86) p-Isopropyltoluene	13.729	119	420960	56.821	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	210182	52.449	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	209945	51.574	ug/l	98
89) n-Butylbenzene	14.059	91	337074	53.870	ug/l	99
90) Hexachloroethane	14.335	117	72455	56.691	ug/l	86
91) 1,2-Dichlorobenzene	14.106	146	207555	53.135	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25710	51.963	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	104444	52.176	ug/l	98
94) Hexachlorobutadiene	15.500	225	55390	53.123	ug/l	100
95) Naphthalene	15.641	128	316287	50.224	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	103009	52.357	ug/l	98

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

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Manual Integrations

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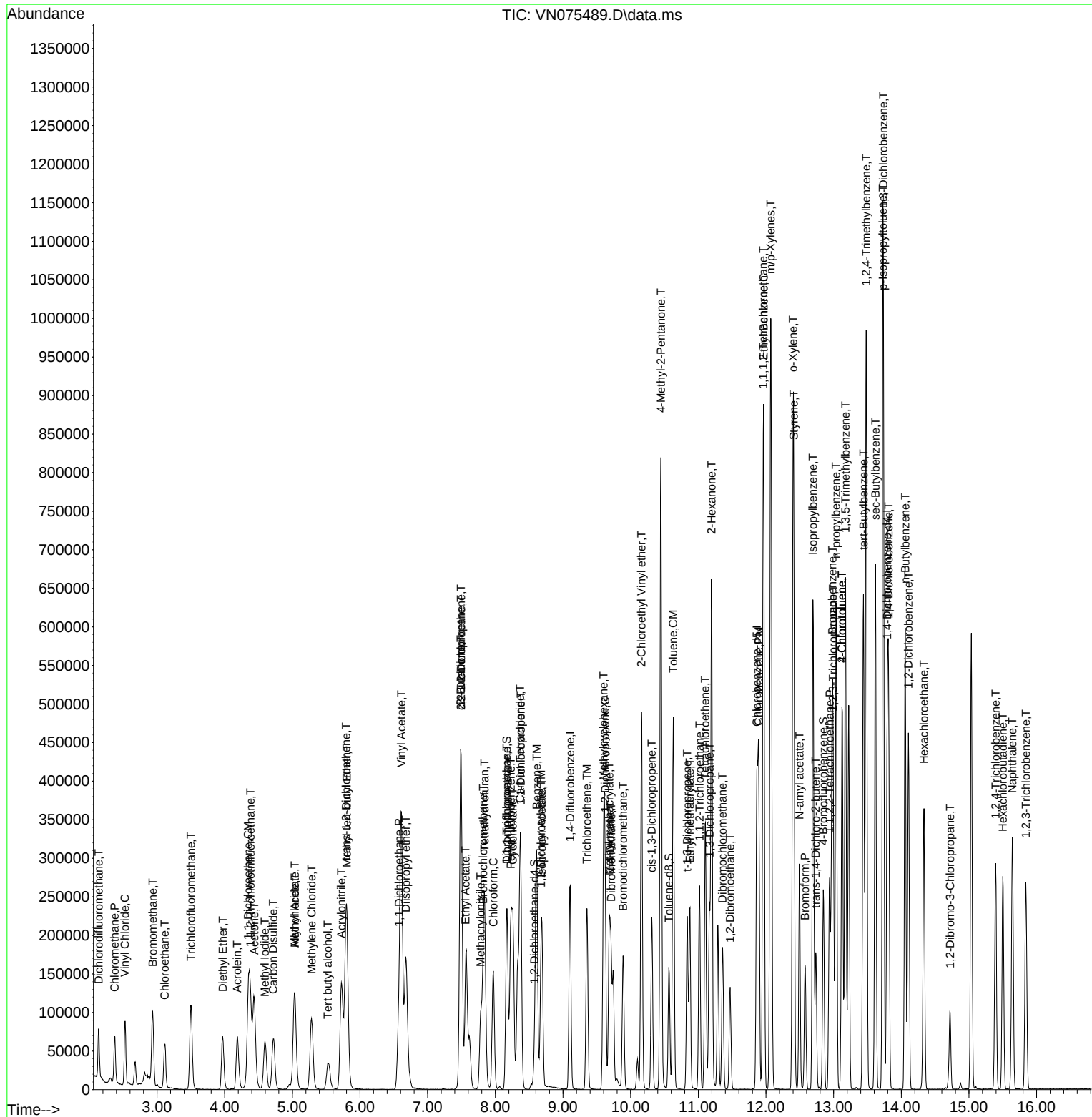
Quant Time: Dec 01 01:54:06 2022

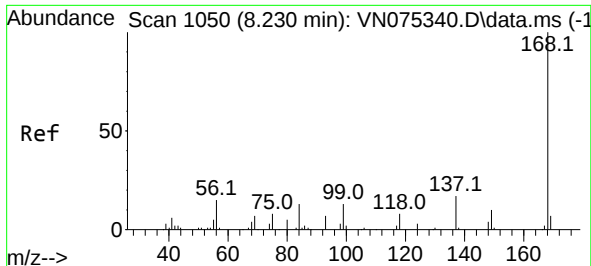
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Quant Title : SW846 8260

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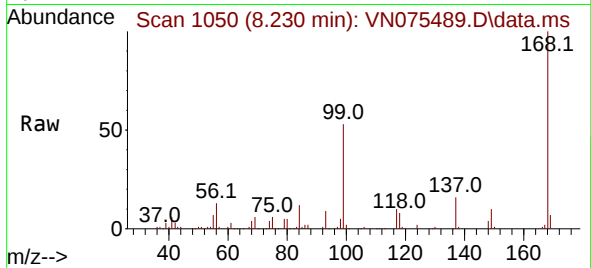
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075489.D
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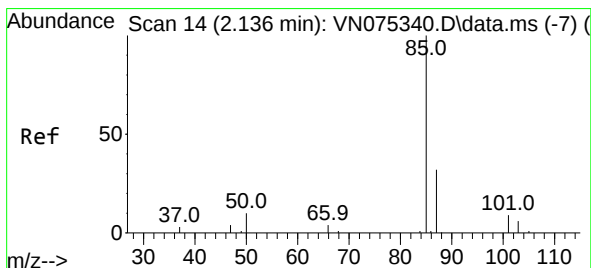
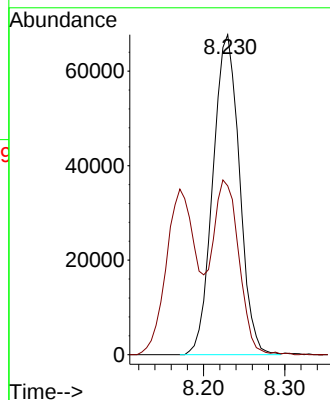
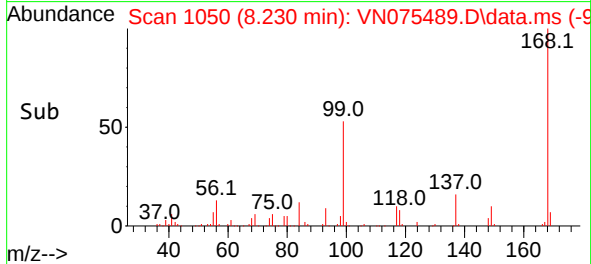
Instrument :
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Tgt Ion:168 Resp: 153924
Ion Ratio Lower Upper
168 100
99 52.4 51.6 77.4

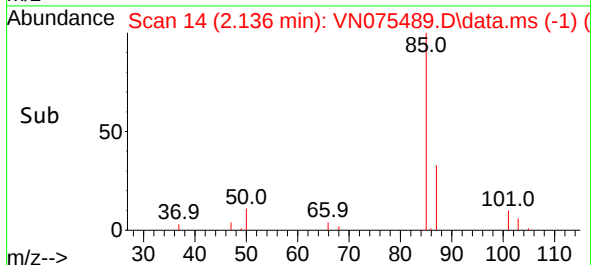
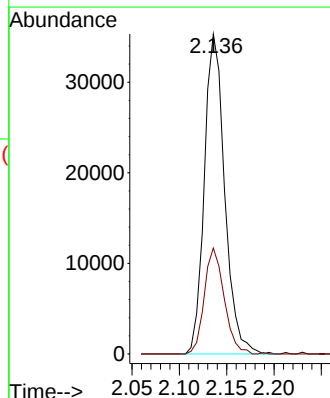
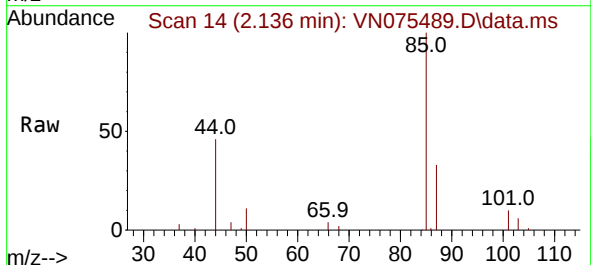
Manual Integrations
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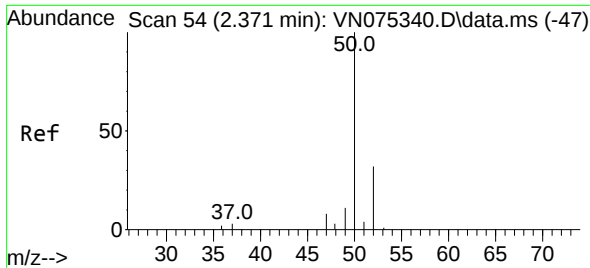
Reviewed By :John Carlone 12/01/2022
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#2
Dichlorodifluoromethane
Concen: 44.790 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

Tgt Ion: 85 Resp: 52718
Ion Ratio Lower Upper
85 100
87 33.1 16.7 50.0





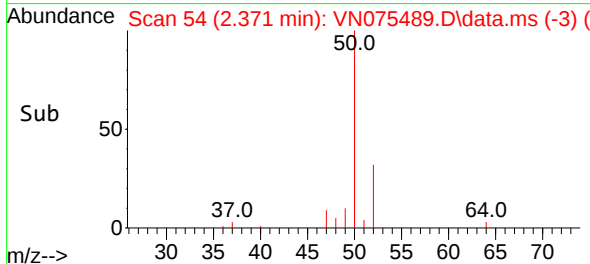
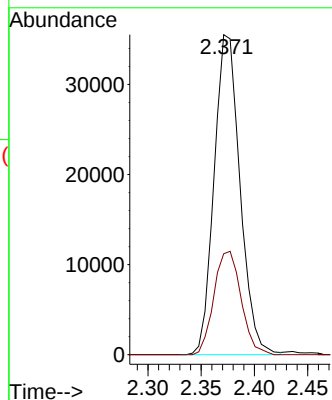
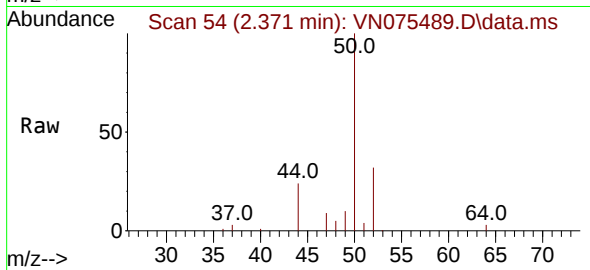
#3
Chloromethane
Concen: 40.984 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 6002
Ion Ratio Lower Upper
50 100
52 31.5 25.8 38.6

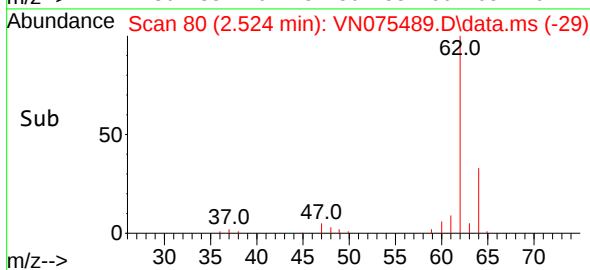
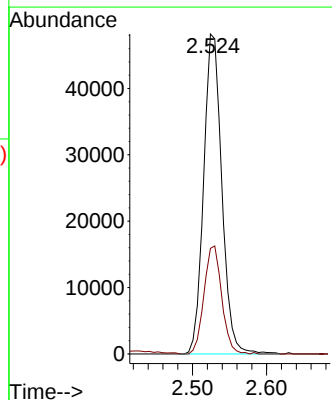
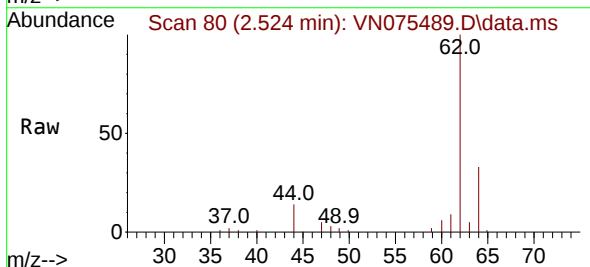
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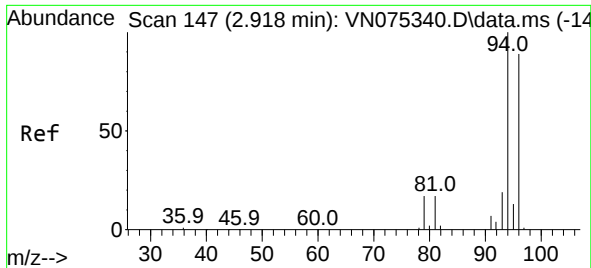
Reviewed By :John Carlone 12/01/2022
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#4
Vinyl Chloride
Concen: 44.688 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

Tgt Ion: 62 Resp: 82483
Ion Ratio Lower Upper
62 100
64 33.0 24.0 36.0





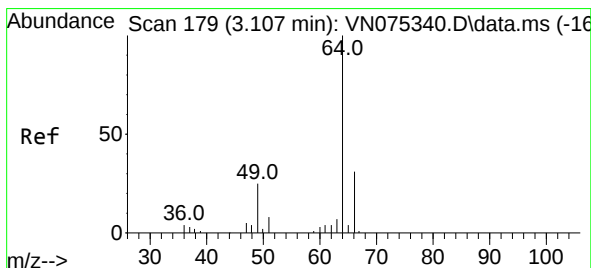
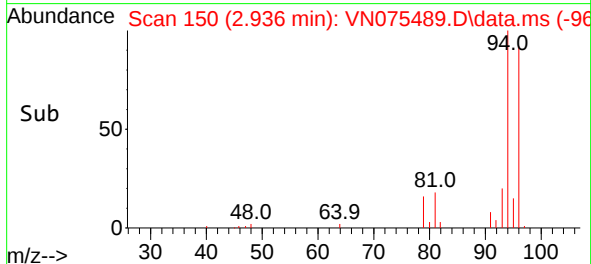
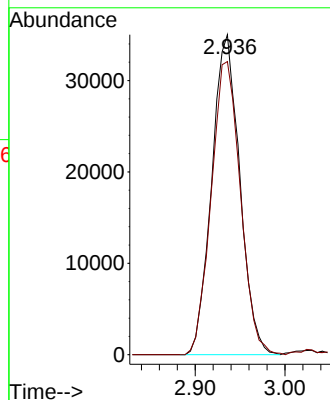
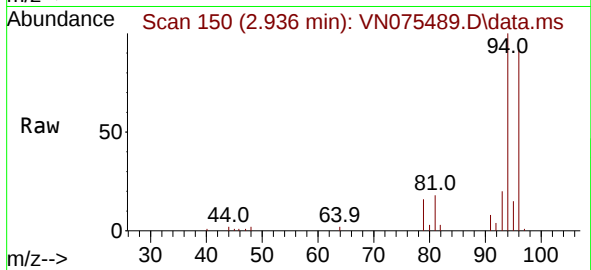
#5
Bromomethane
Concen: 46.692 ug/l
RT: 2.936 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

Instrument :
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Tgt Ion: 94 Resp: 7578
Ion Ratio Lower Upper
94 100
96 91.6 71.8 107.6

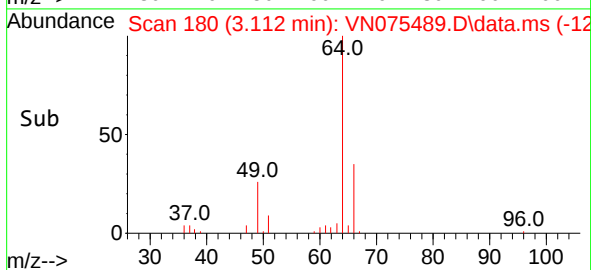
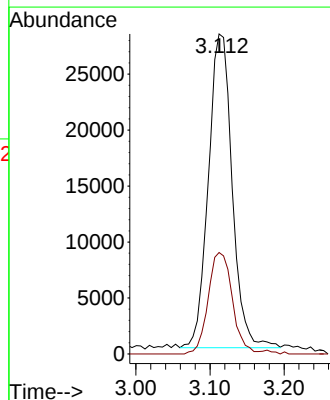
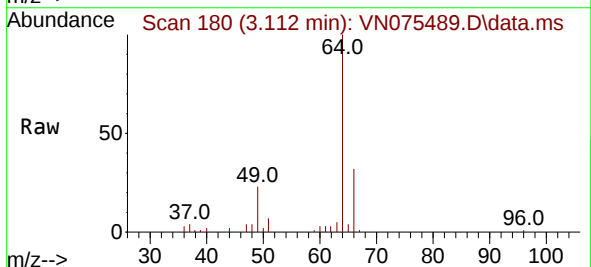
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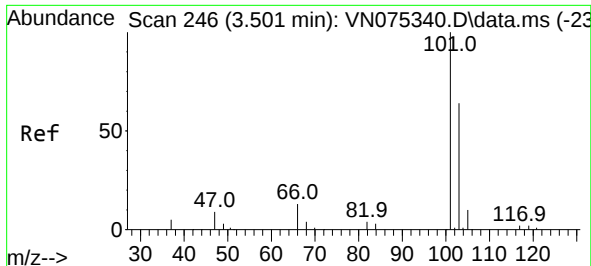
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#6
Chloroethane
Concen: 44.760 ug/l
RT: 3.112 min Scan# 180
Delta R.T. 0.005 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

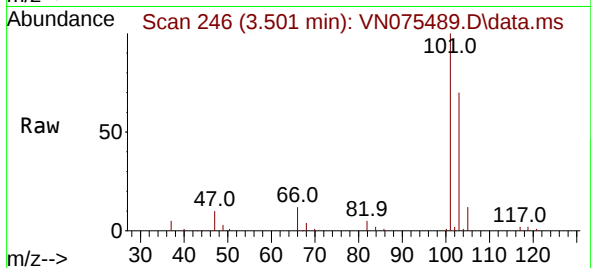
Tgt Ion: 64 Resp: 62600
Ion Ratio Lower Upper
64 100
66 32.4 23.8 35.8





#7
 Trichlorofluoromethane
 Concen: 47.668 ug/l
 RT: 3.501 min Scan# 246
 Delta R.T. -0.000 min
 Lab File: VN075489.D
 Acq: 30 Nov 2022 08:54

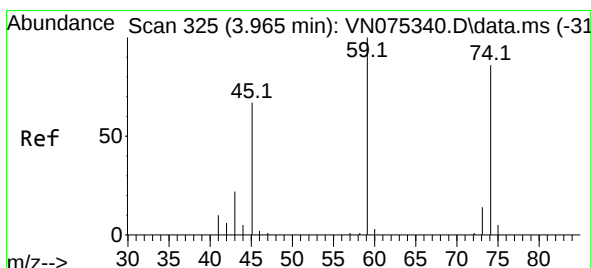
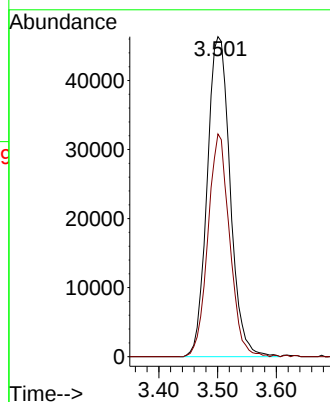
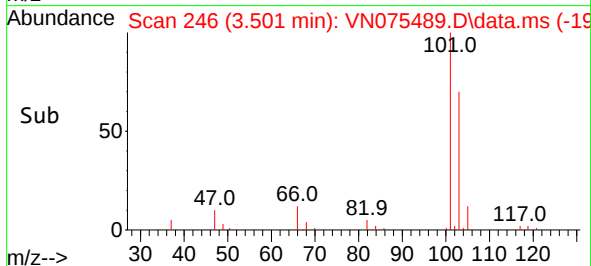
Instrument :
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 VSTDCCC050



Tgt Ion:101 Resp: 12569
 Ion Ratio Lower Upper
 101 100
 103 69.6 50.5 75.7

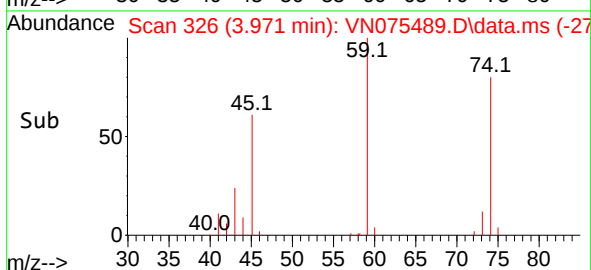
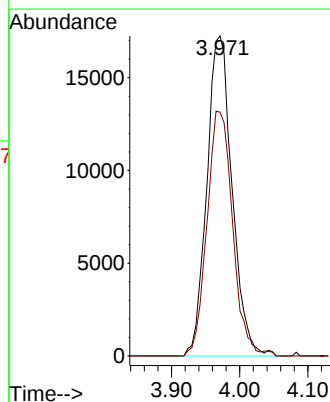
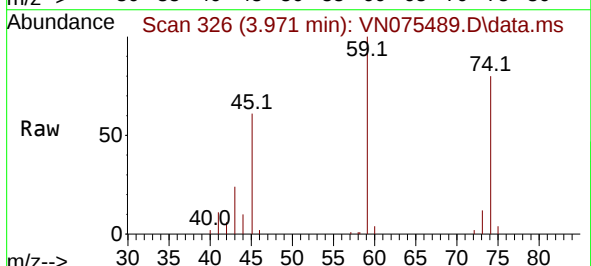
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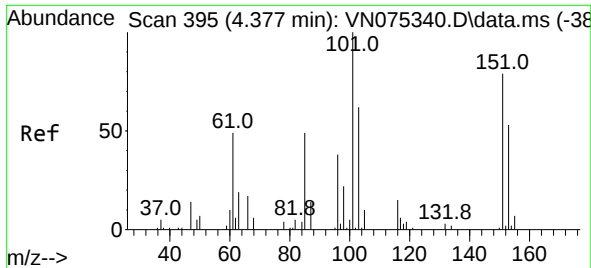
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#8
 Diethyl Ether
 Concen: 48.150 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.006 min
 Lab File: VN075489.D
 Acq: 30 Nov 2022 08:54

Tgt Ion: 74 Resp: 44499
 Ion Ratio Lower Upper
 74 100
 45 77.7 39.3 117.9





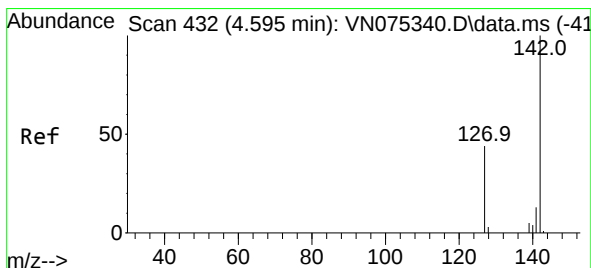
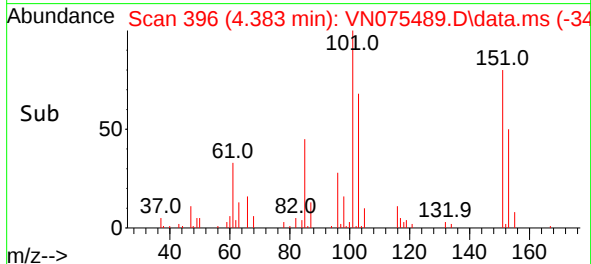
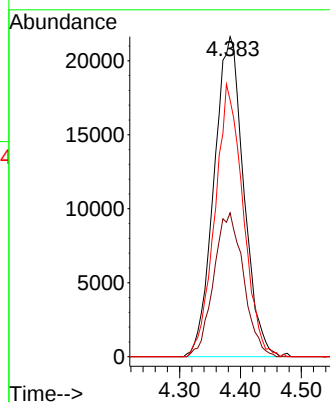
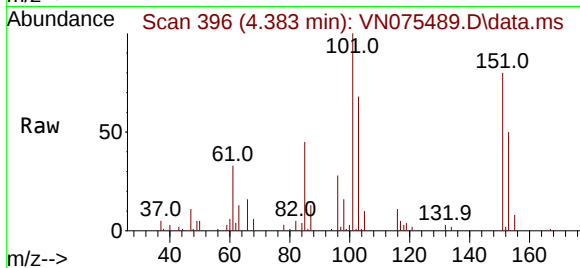
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.340 ug/l
RT: 4.383 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 73278
Ion Ratio Lower Upper
101 100
85 45.2 37.6 56.4
151 80.7 58.3 87.5

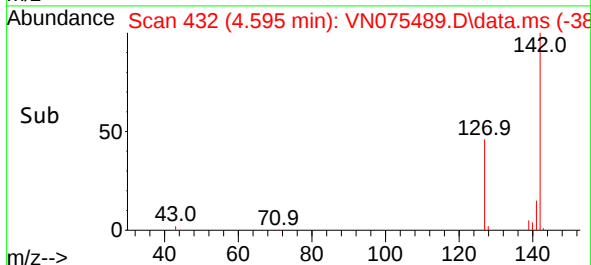
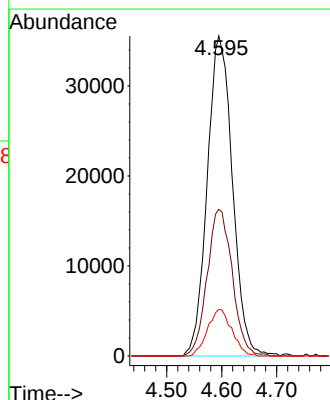
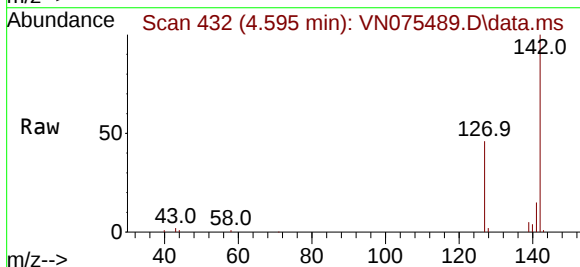
Manual Integrations
APPROVED

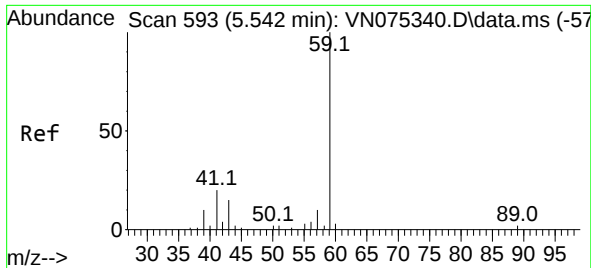
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#10
Methyl Iodide
Concen: 47.988 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

Tgt Ion:142 Resp: 113192
Ion Ratio Lower Upper
142 100
127 45.6 38.0 57.0
141 14.1 12.2 18.4





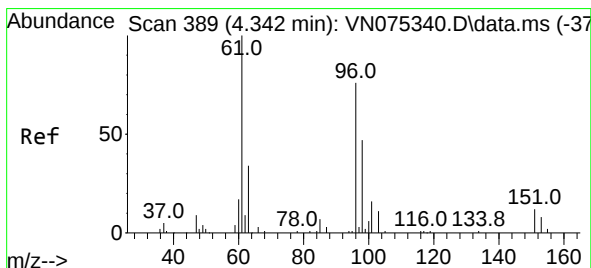
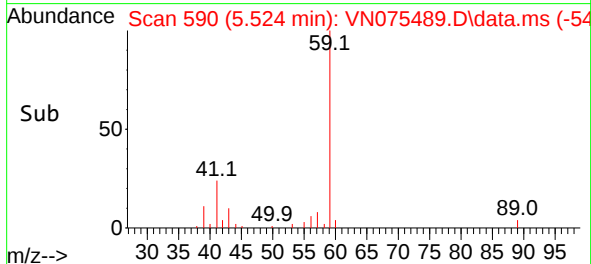
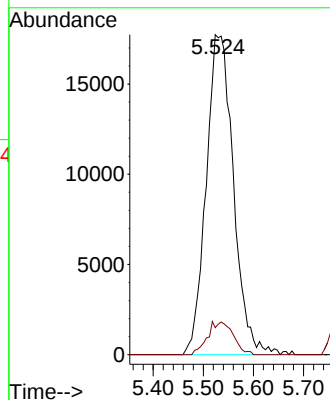
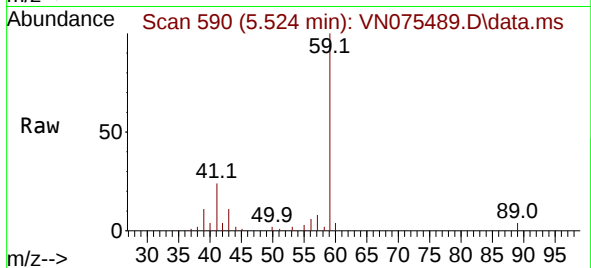
#11
Tert butyl alcohol
Concen: 193.151 ug/l
RT: 5.524 min Scan# 59
Delta R.T. -0.018 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 66994
Ion Ratio Lower Upper
59 100
57 9.7 8.5 12.7

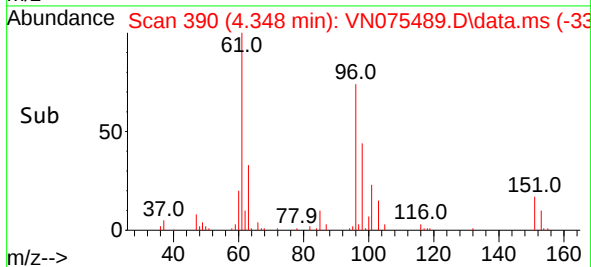
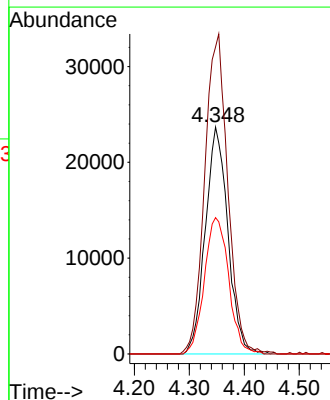
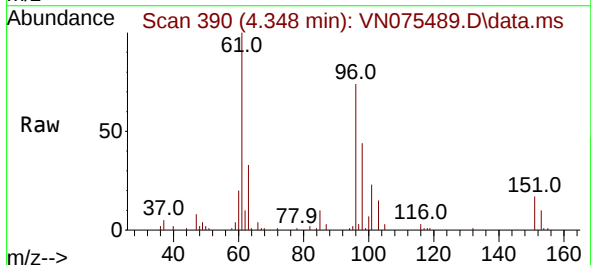
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#12
1,1-Dichloroethene
Concen: 47.434 ug/l
RT: 4.348 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

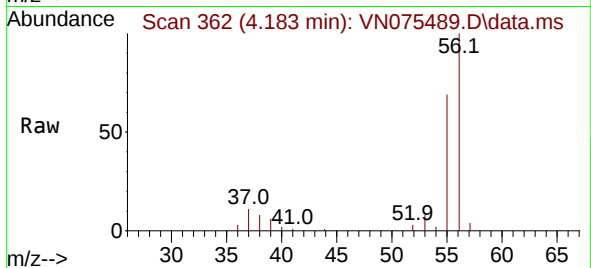
Tgt Ion: 96 Resp: 67614
Ion Ratio Lower Upper
96 100
61 135.3 126.2 189.4
98 60.0 51.5 77.3





#13
Acrolein
Concen: 303.957 ug/l
RT: 4.183 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

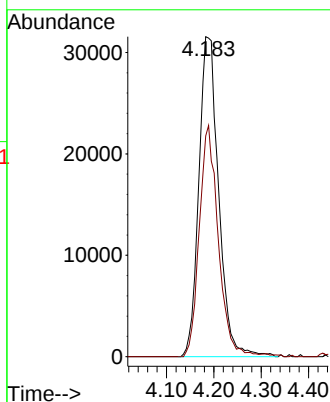
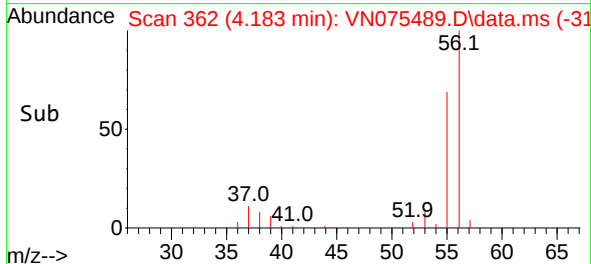
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



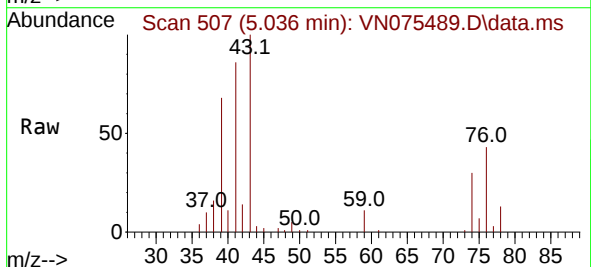
Tgt Ion: 56 Resp: 9184
Ion Ratio Lower Upper
56 100
55 68.8 55.2 82.8

Manual Integrations
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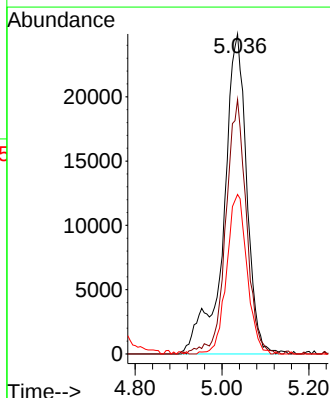
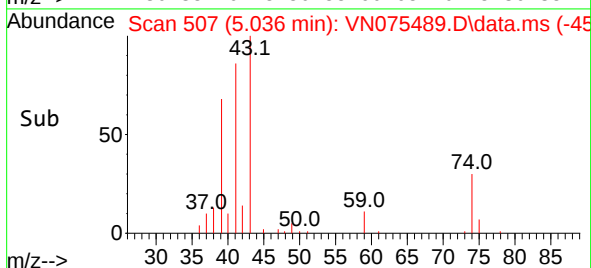
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

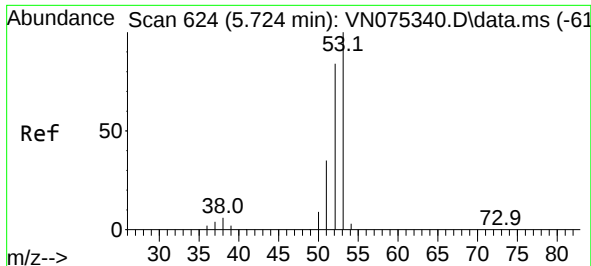


#14
Allyl chloride
Concen: 49.741 ug/l m
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54



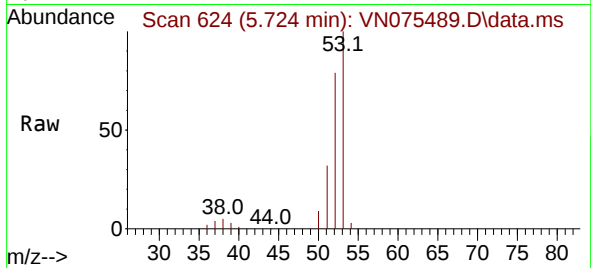
Tgt Ion: 41 Resp: 91711
Ion Ratio Lower Upper
41 100
39 70.7 61.0 91.4
76 44.1 33.4 50.0





#15
Acrylonitrile
Concen: 238.882 ug/l
RT: 5.724 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

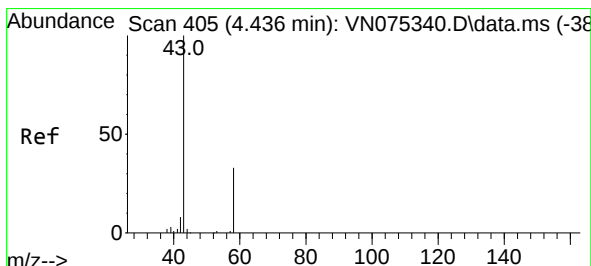
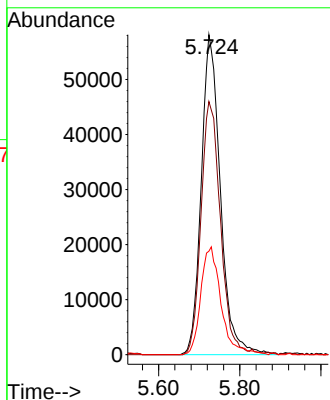
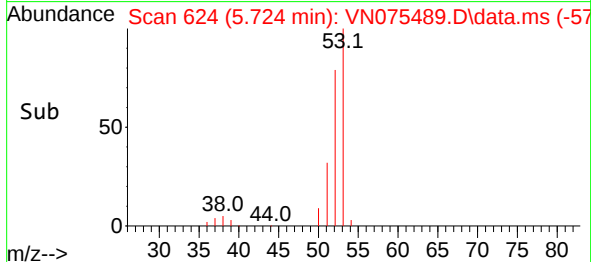
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 190093
Ion Ratio Lower Upper
53 100
52 80.1 66.4 99.6
51 35.7 29.6 44.4

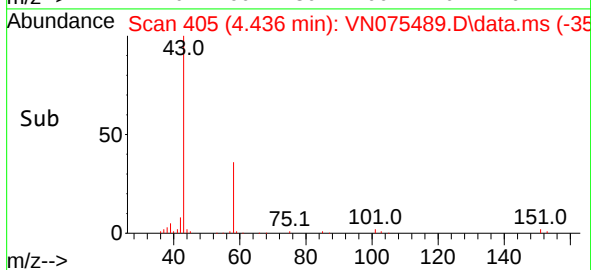
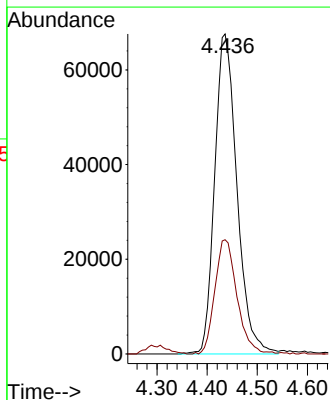
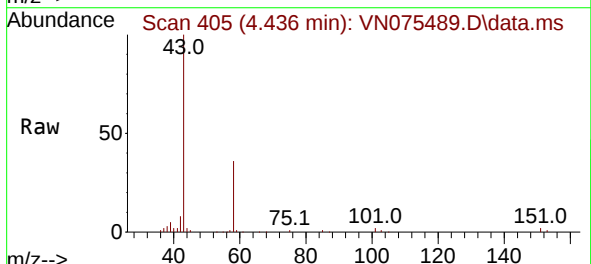
Manual Integrations
APPROVED

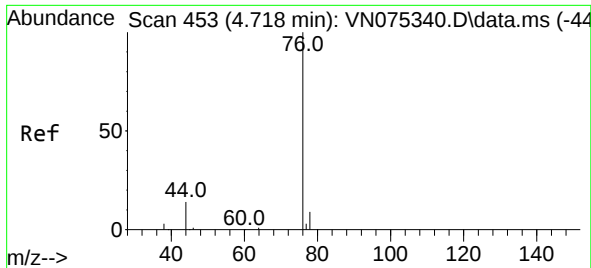
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#16
Acetone
Concen: 270.680 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

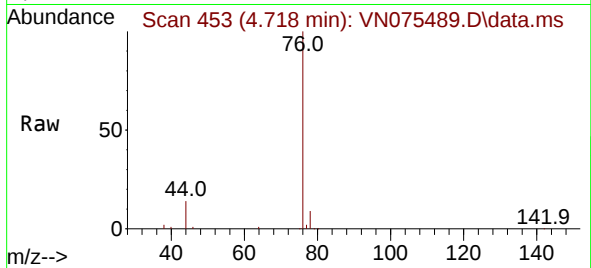
Tgt Ion: 43 Resp: 208608
Ion Ratio Lower Upper
43 100
58 35.4 25.5 38.3





#17
Carbon Disulfide
Concen: 42.350 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

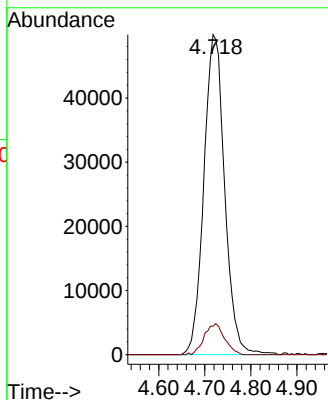
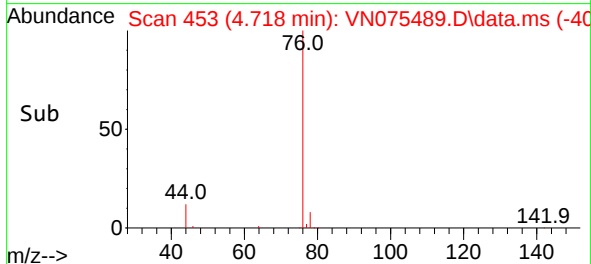
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 156884
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

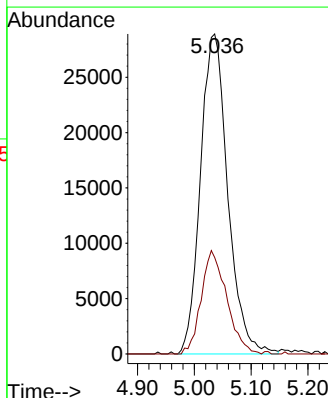
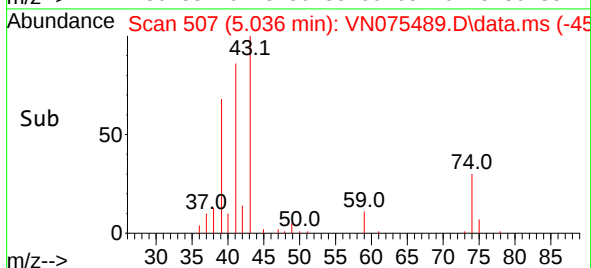
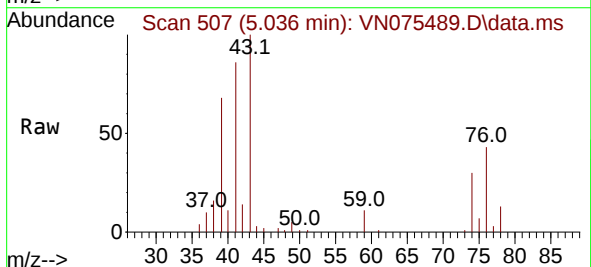
Manual Integrations
APPROVED

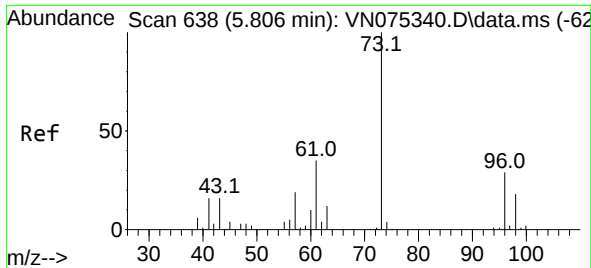
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#18
Methyl Acetate
Concen: 49.737 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

Tgt Ion: 43 Resp: 96646
Ion Ratio Lower Upper
43 100
74 30.1 22.0 33.0





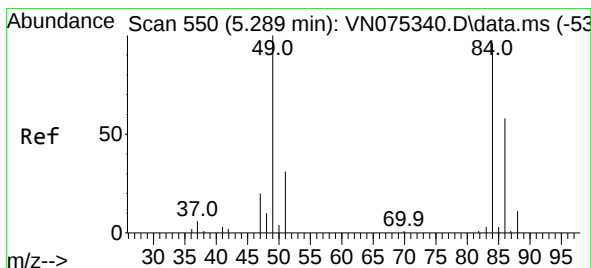
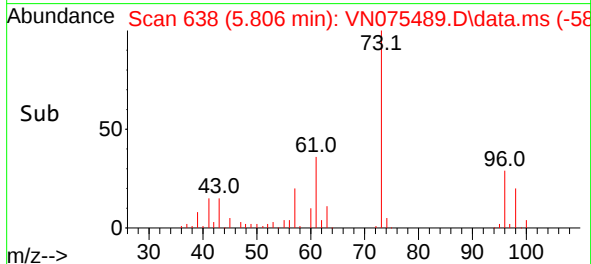
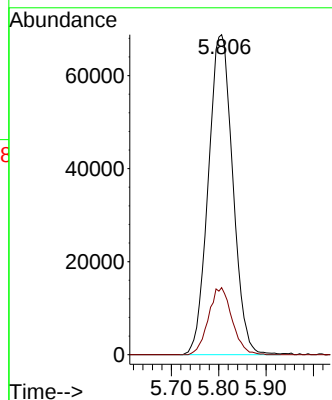
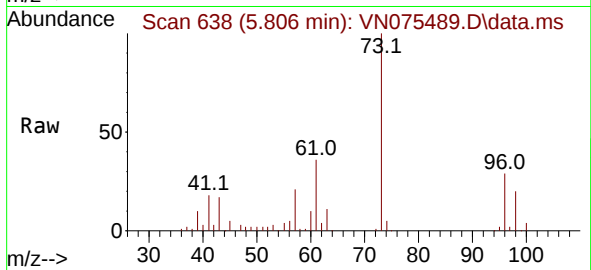
#19
Methyl tert-butyl Ether
Concen: 48.871 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 24677
Ion Ratio Lower Upper
73 100
57 20.9 16.3 24.5

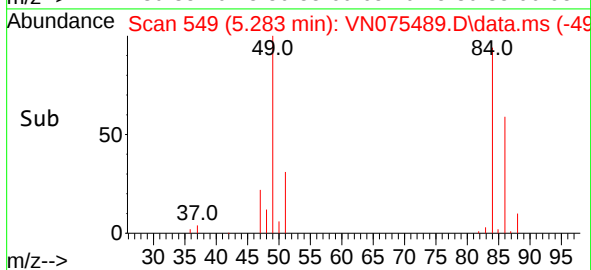
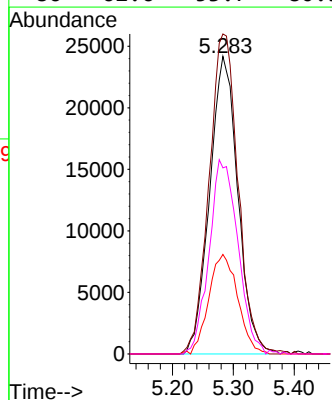
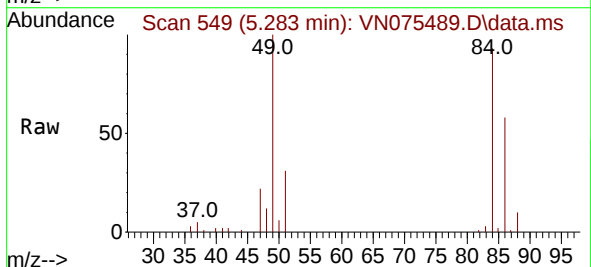
Manual Integrations
APPROVED

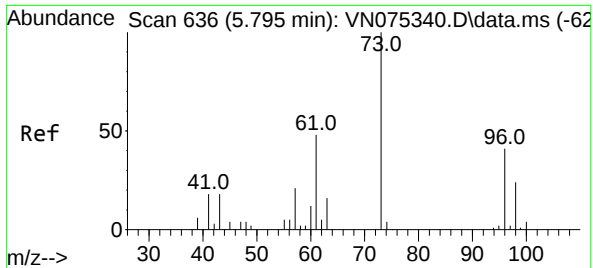
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#20
Methylene Chloride
Concen: 49.797 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

Tgt Ion: 84 Resp: 77832
Ion Ratio Lower Upper
84 100
49 107.5 94.9 142.3
51 33.4 26.8 40.2
86 62.6 53.7 80.5





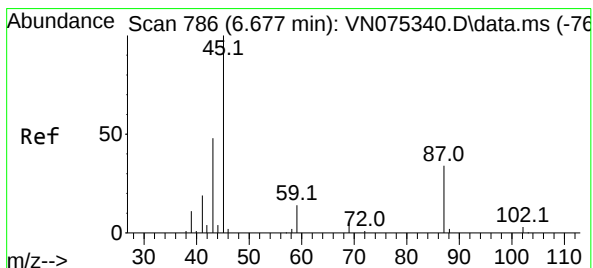
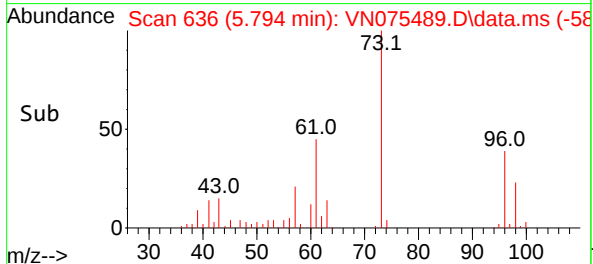
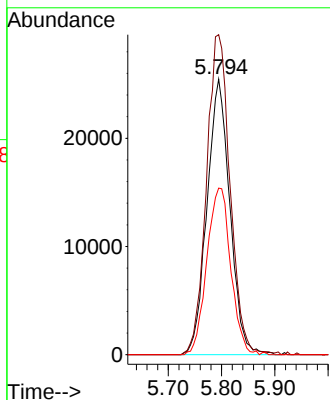
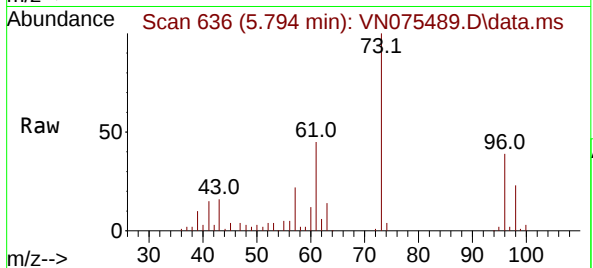
#21
trans-1,2-Dichloroethene
Concen: 46.712 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 7588
Ion Ratio Lower Upper
96 100
61 116.1 99.9 149.9
98 60.5 51.5 77.3

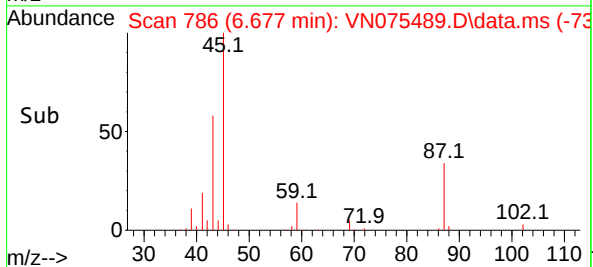
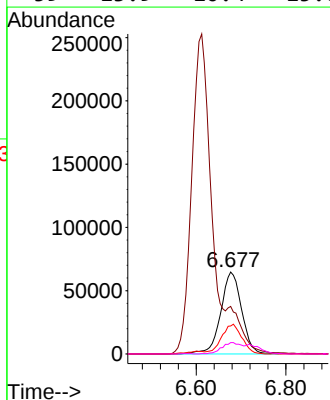
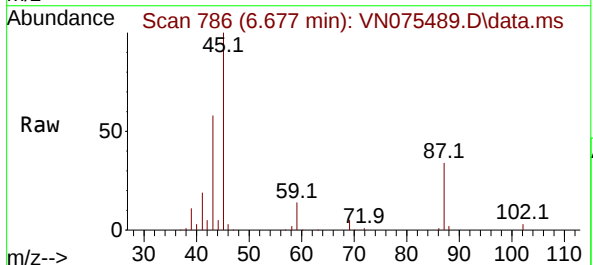
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#22
Diisopropyl ether
Concen: 49.754 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

Tgt Ion: 45 Resp: 209341
Ion Ratio Lower Upper
45 100
43 56.4 42.8 64.2
87 34.1 28.4 42.6
59 13.9 10.4 15.6





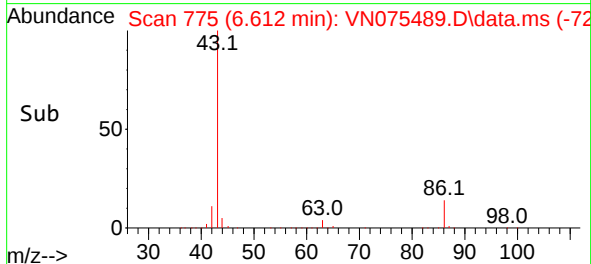
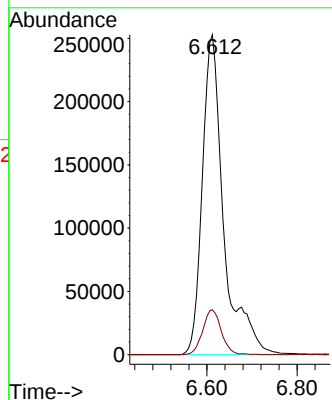
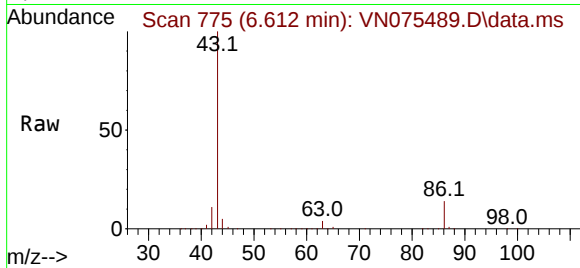
#23
 Vinyl Acetate
 Concen: 248.585 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075489.D
 Acq: 30 Nov 2022 08:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 832100
 Ion Ratio Lower Upper
 43 100
 86 14.1 10.7 16.1

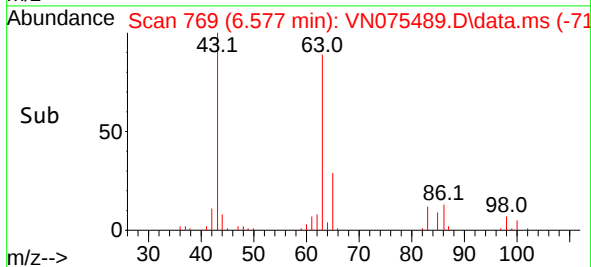
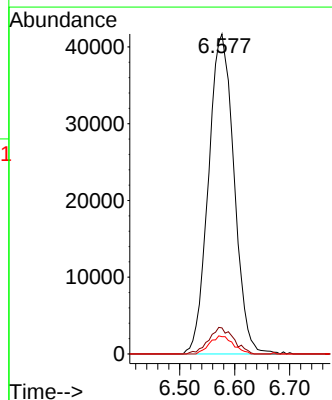
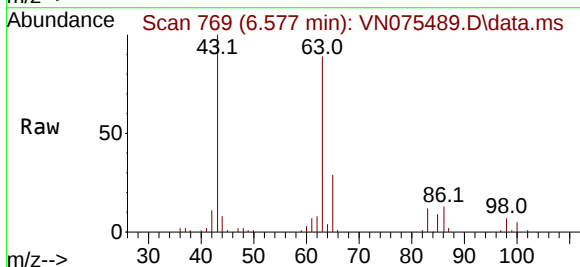
Manual Integrations
 APPROVED

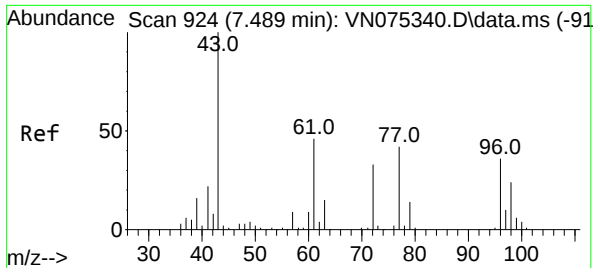
Reviewed By :John Carlone 12/01/2022
 Supervised By :Mahesh Dadoda 12/01/2022



#24
 1,1-Dichloroethane
 Concen: 49.875 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075489.D
 Acq: 30 Nov 2022 08:54

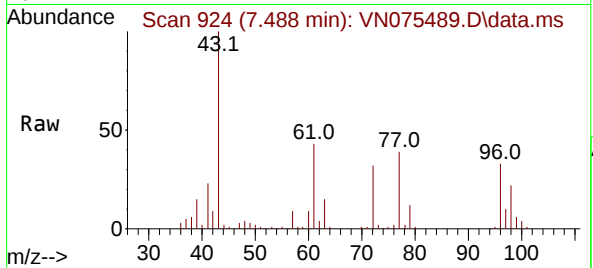
Tgt Ion: 63 Resp: 134697
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.6 10.8
 100 5.4 2.4 7.2





#25
2-Butanone
Concen: 244.116 ug/l
RT: 7.488 min Scan# 912
Delta R.T. -0.001 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

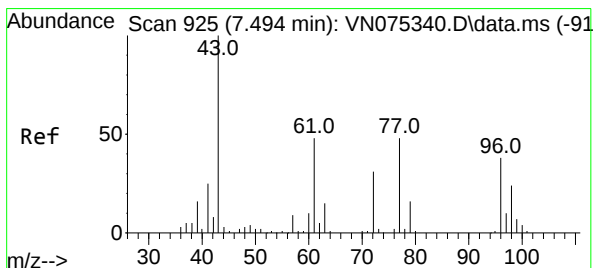
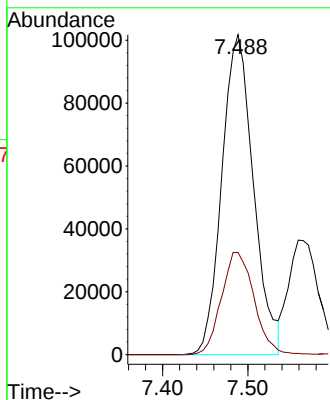
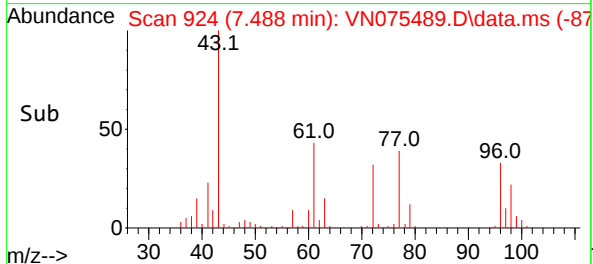
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



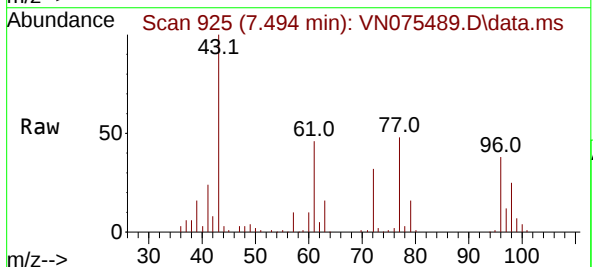
Tgt Ion: 43 Resp: 26266
Ion Ratio Lower Upper
43 100
72 32.0 25.5 38.3

Manual Integrations
APPROVED

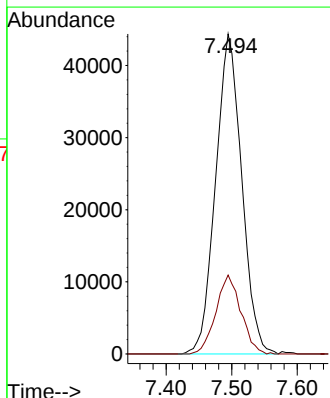
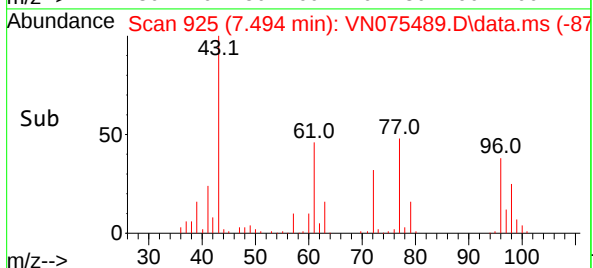
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

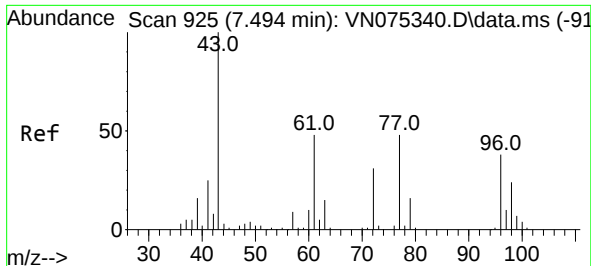


#26
2,2-Dichloropropane
Concen: 48.782 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54



Tgt Ion: 77 Resp: 122441
Ion Ratio Lower Upper
77 100
97 23.6 11.2 33.6





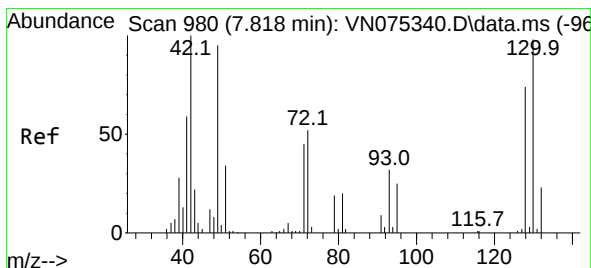
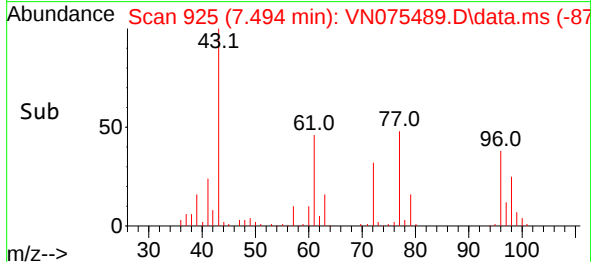
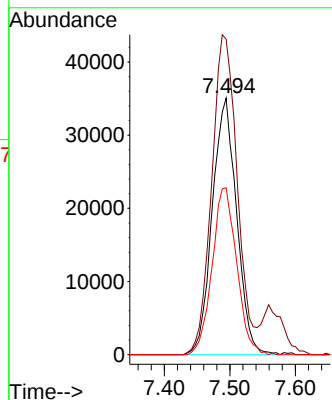
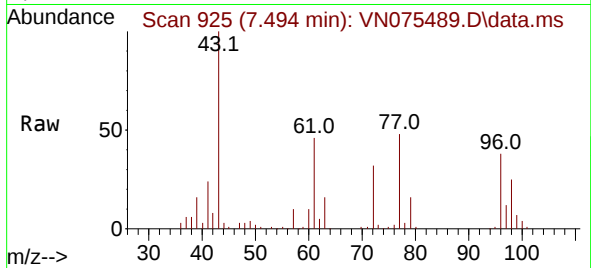
#27
 cis-1,2-Dichloroethene
 Concen: 49.341 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075489.D
 Acq: 30 Nov 2022 08:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 9063
 Ion Ratio Lower Upper
 96 100
 61 130.6 0.0 278.8
 98 65.5 0.0 128.4

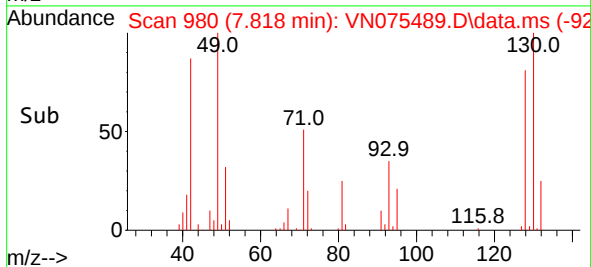
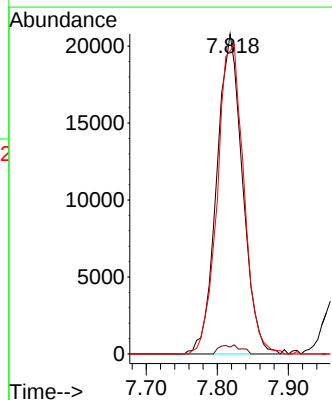
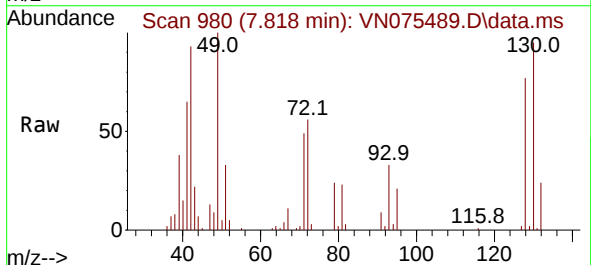
Manual Integrations
 APPROVED

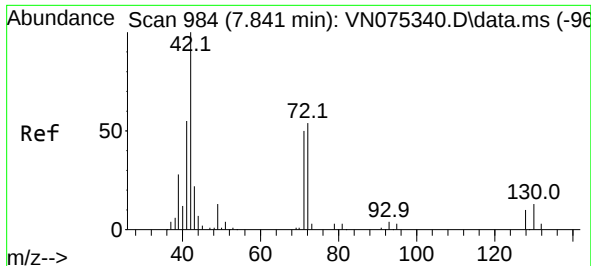
Reviewed By :John Carlone 12/01/2022
 Supervised By :Mahesh Dadoda 12/01/2022



#28
 Bromochloromethane
 Concen: 47.945 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075489.D
 Acq: 30 Nov 2022 08:54

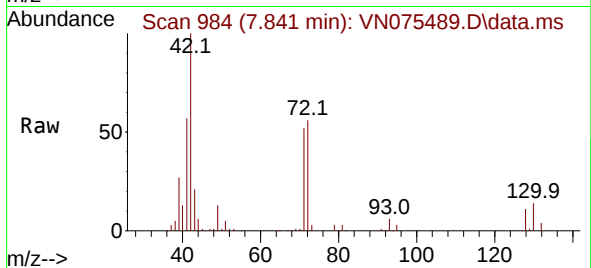
Tgt Ion: 49 Resp: 52560
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 99.0 66.2 99.4





#29
Tetrahydrofuran
Concen: 235.634 ug/l
RT: 7.841 min Scan# 984
Delta R.T. 0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

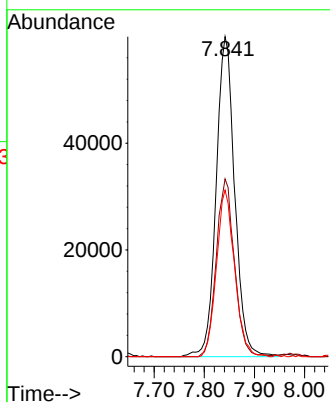
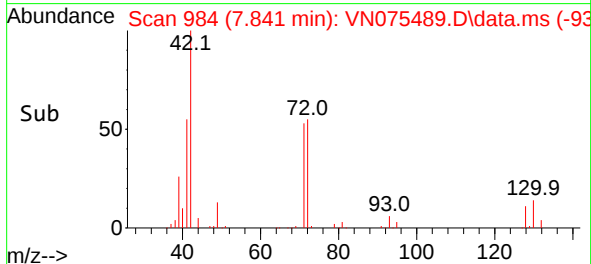
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



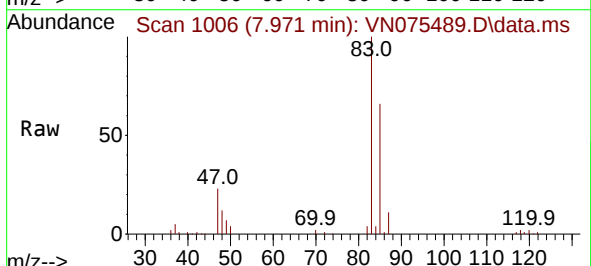
Tgt Ion: 42 Resp: 15421
Ion Ratio Lower Upper
42 100
72 54.3 43.0 64.6
71 50.8 39.9 59.9

Manual Integrations
APPROVED

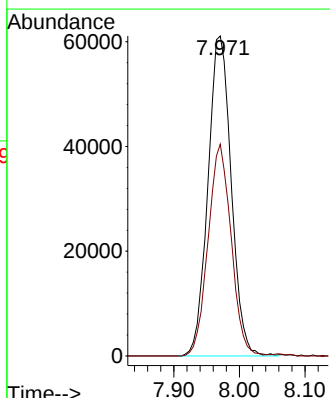
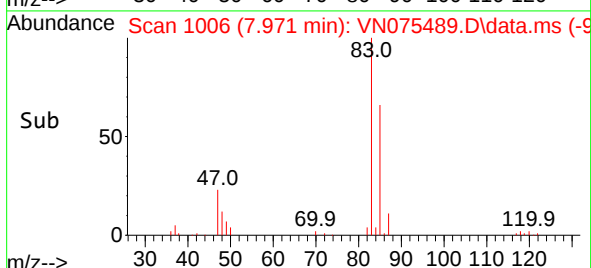
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

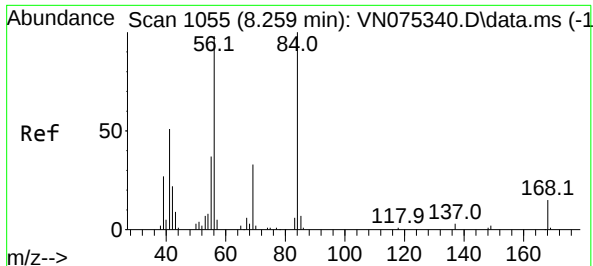


#30
Chloroform
Concen: 48.532 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54



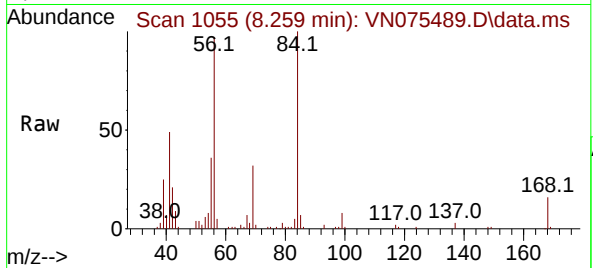
Tgt Ion: 83 Resp: 150519
Ion Ratio Lower Upper
83 100
85 66.2 51.4 77.0





#31
Cyclohexane
Concen: 44.440 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

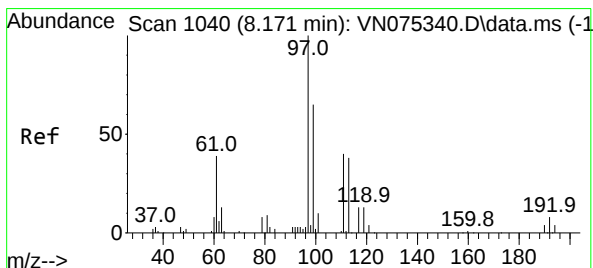
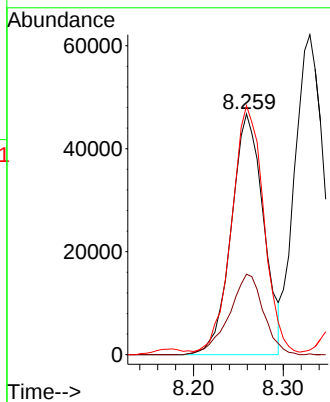
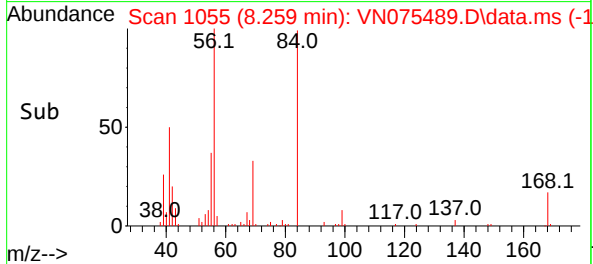
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



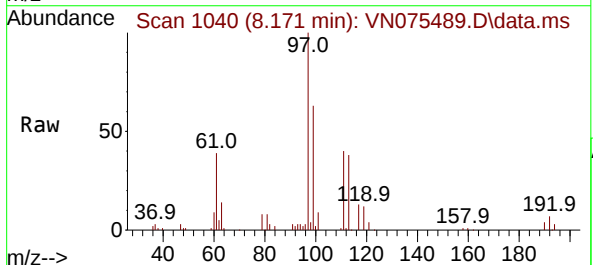
Tgt Ion: 56 Resp: 116658
Ion Ratio Lower Upper
56 100
69 33.4 25.2 37.8
84 101.4 77.8 116.8

Manual Integrations
APPROVED

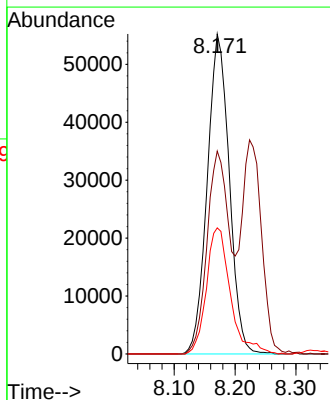
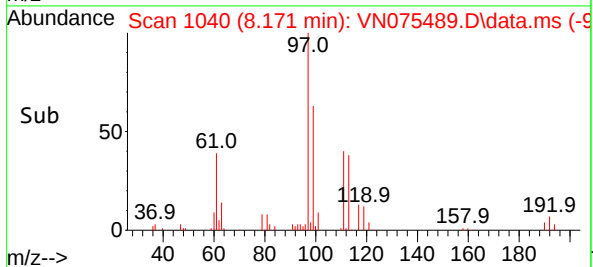
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#32
1,1,1-Trichloroethane
Concen: 49.278 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54



Tgt Ion: 97 Resp: 138767
Ion Ratio Lower Upper
97 100
99 64.5 50.2 75.2
61 42.9 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 48.529 ug/l

RT: 8.577 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VN075489.D

Acq: 30 Nov 2022 08:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 4009

Ion Ratio Lower Upper

65 100

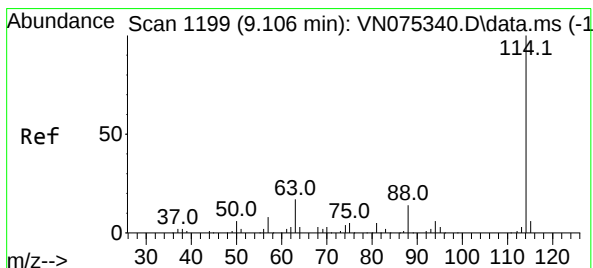
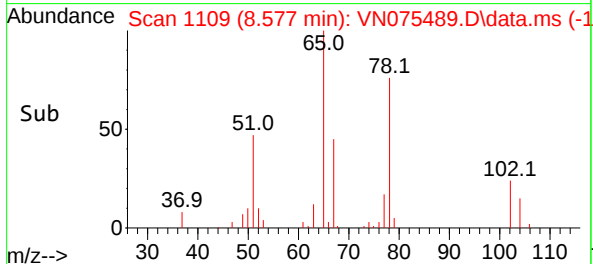
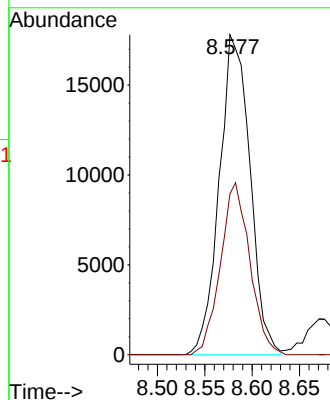
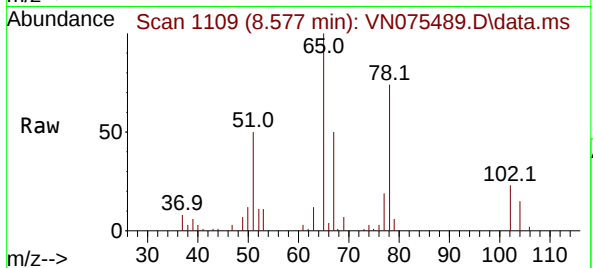
67 51.5 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075489.D

Acq: 30 Nov 2022 08:54

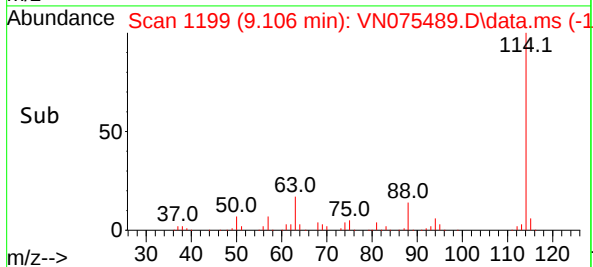
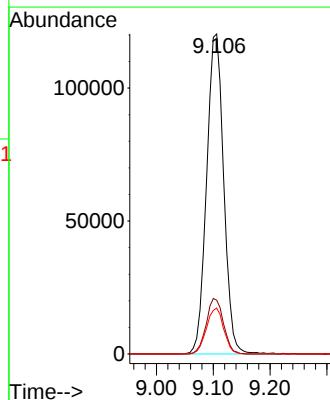
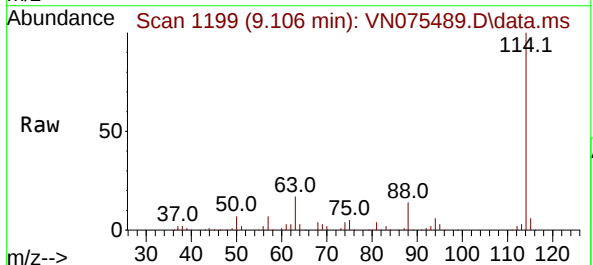
Tgt Ion:114 Resp: 250858

Ion Ratio Lower Upper

114 100

63 16.8 0.0 39.6

88 14.4 0.0 29.0





#35

Dibromofluoromethane

Concen: 52.509 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075489.D

Acq: 30 Nov 2022 08:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 5174

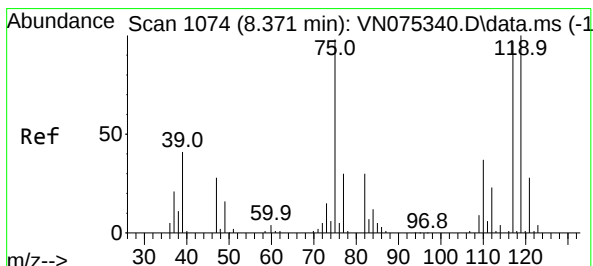
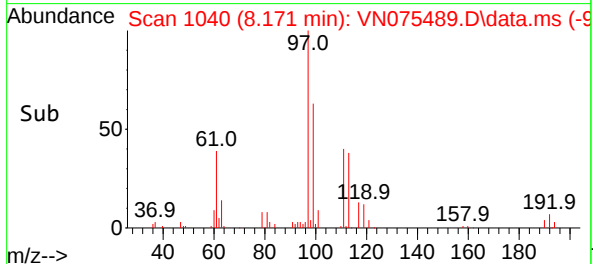
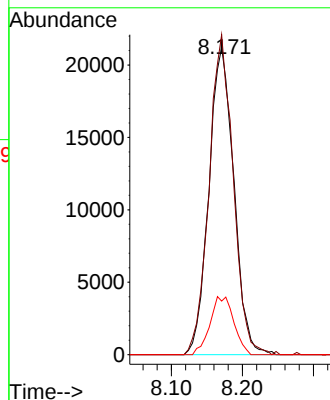
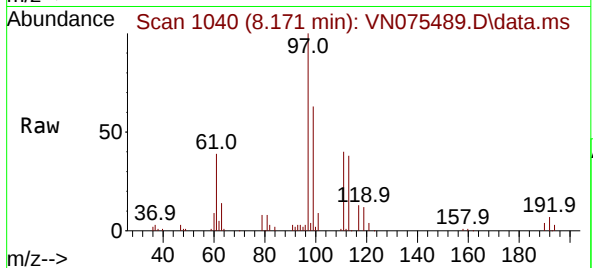
Ion	Ratio	Lower	Upper
113	100		
111	100.9	80.5	120.7
192	18.0	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#36

1,1-Dichloropropene

Concen: 50.392 ug/l

RT: 8.377 min Scan# 1075

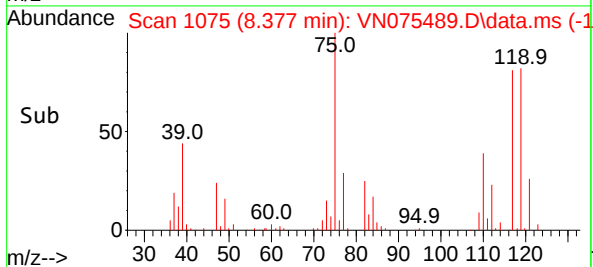
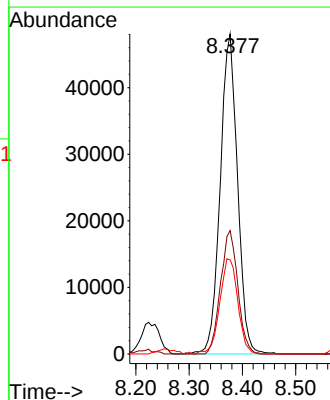
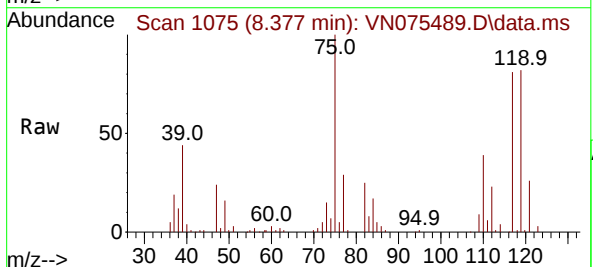
Delta R.T. 0.006 min

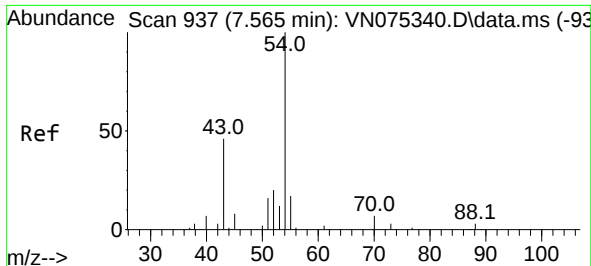
Lab File: VN075489.D

Acq: 30 Nov 2022 08:54

Tgt Ion: 75 Resp: 108294

Ion	Ratio	Lower	Upper
75	100		
110	38.4	17.8	53.3
77	30.9	24.6	37.0





#37

Ethyl Acetate

Concen: 48.362 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075489.D

Acq: 30 Nov 2022 08:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 93584

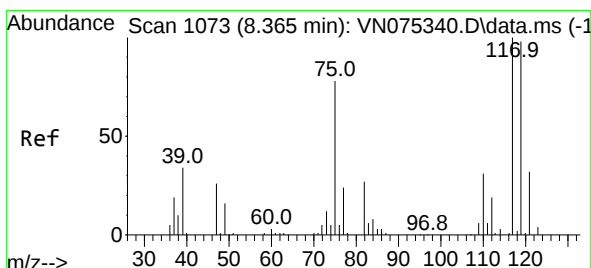
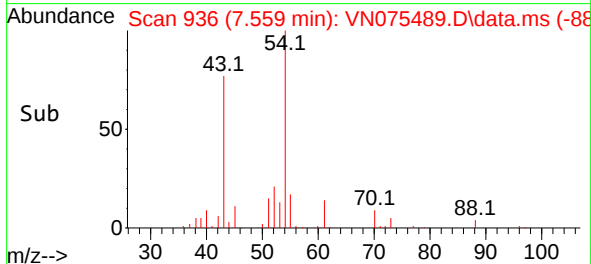
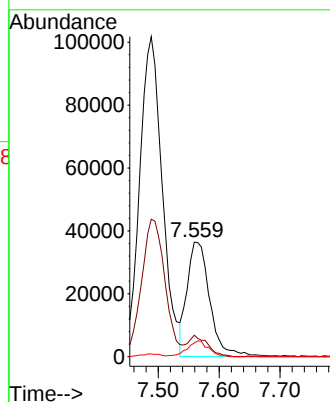
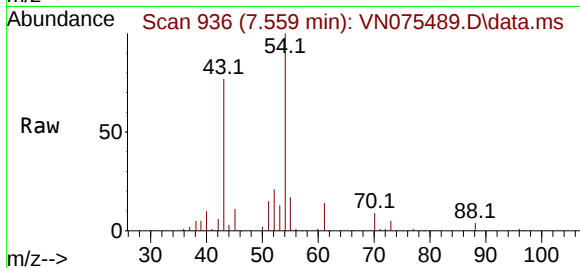
Ion	Ratio	Lower	Upper
43	100		
61	15.9	12.2	18.4
70	13.0	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#38

Carbon Tetrachloride

Concen: 52.479 ug/l

RT: 8.365 min Scan# 1073

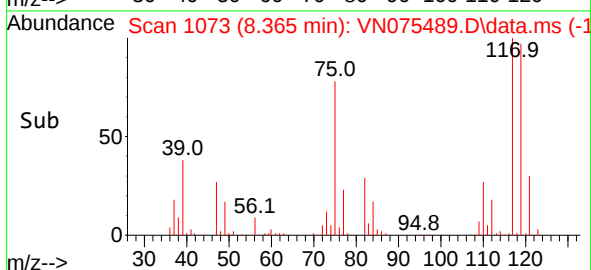
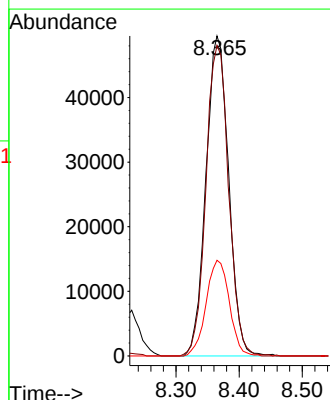
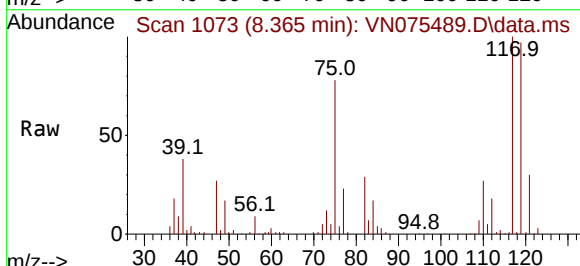
Delta R.T. -0.000 min

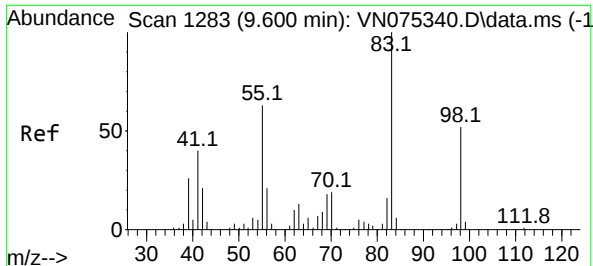
Lab File: VN075489.D

Acq: 30 Nov 2022 08:54

Tgt Ion:117 Resp: 123891

Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.7	115.1
121	29.9	23.9	35.9





#39

Methylcyclohexane

Concen: 52.048 ug/l

RT: 9.600 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075489.D

Acq: 30 Nov 2022 08:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

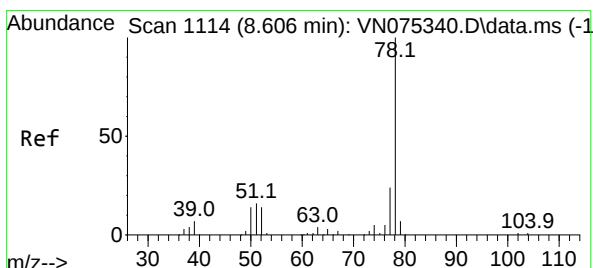
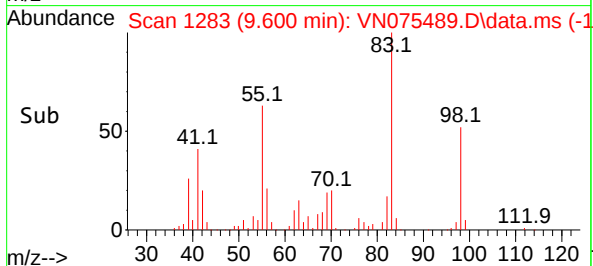
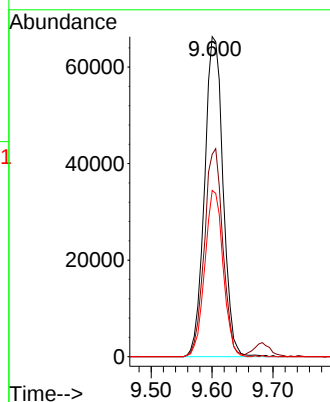
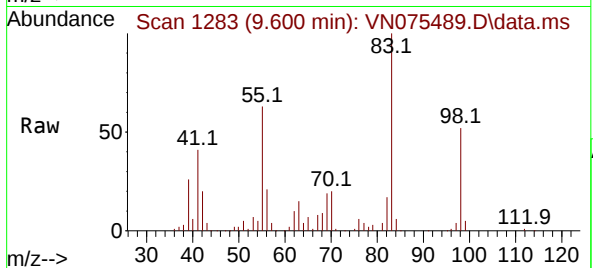
Tgt Ion: 83 Resp: 139990
 Ion Ratio Lower Upper
 83 100
 55 63.3 53.6 80.4
 98 51.9 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#40

Benzene

Concen: 50.728 ug/l

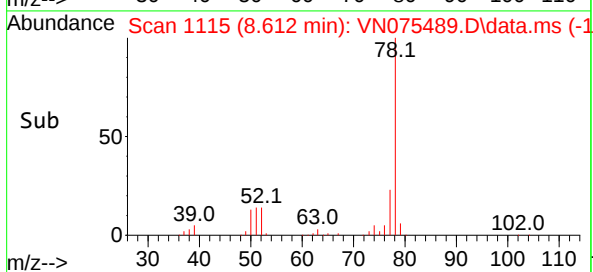
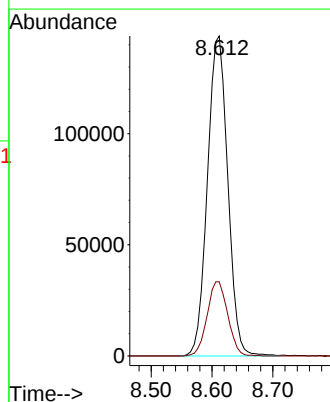
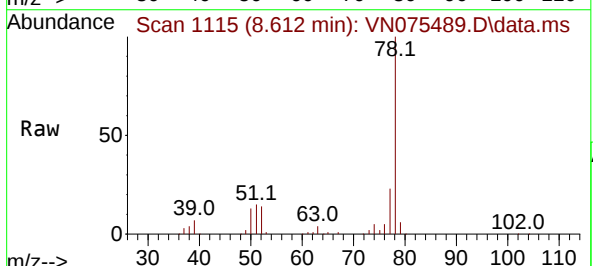
RT: 8.612 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075489.D

Acq: 30 Nov 2022 08:54

Tgt Ion: 78 Resp: 333775
 Ion Ratio Lower Upper
 78 100
 77 23.2 19.4 29.0





#41
Methacrylonitrile
Concen: 49.845 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

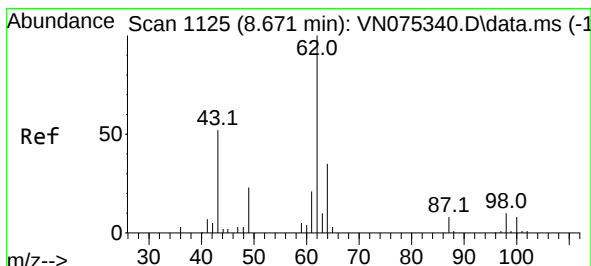
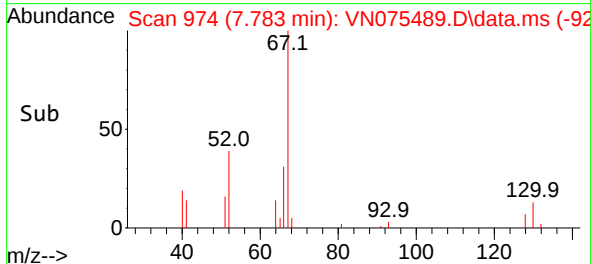
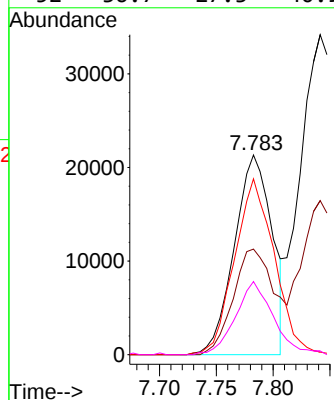
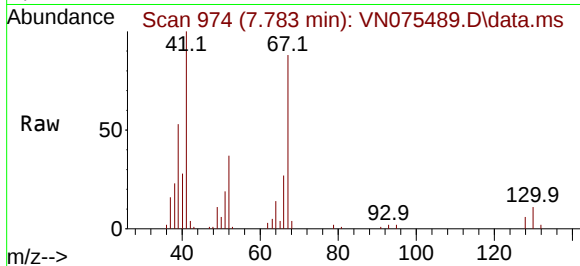
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 49312

Ion	Ratio	Lower	Upper
41	100		
39	58.9	44.4	66.6
67	93.3	69.8	104.6
52	36.7	27.3	40.9

Manual Integrations
APPROVED

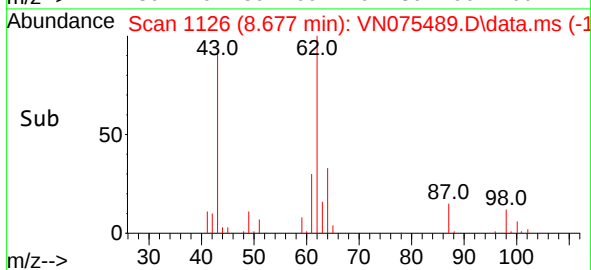
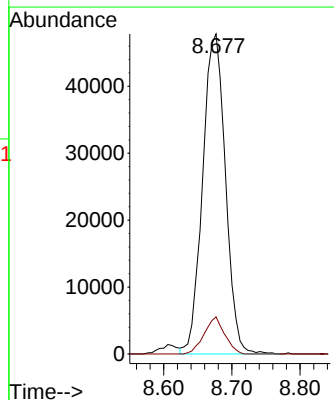
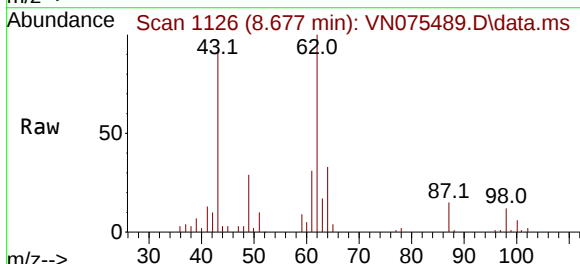
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

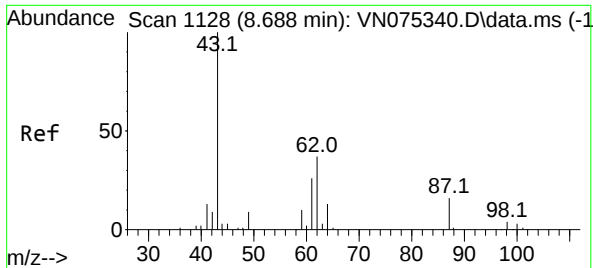


#42
1,2-Dichloroethane
Concen: 50.560 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

Tgt Ion: 62 Resp: 111415

Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	18.2





#43

Isopropyl Acetate

Concen: 50.834 ug/l

RT: 8.688 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN075489.D

Acq: 30 Nov 2022 08:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

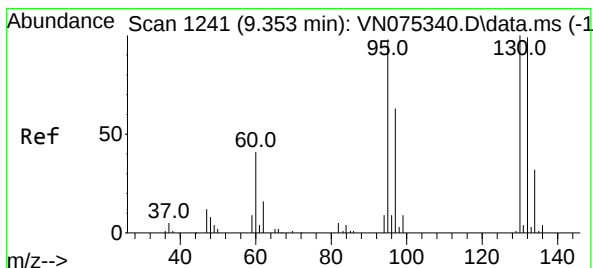
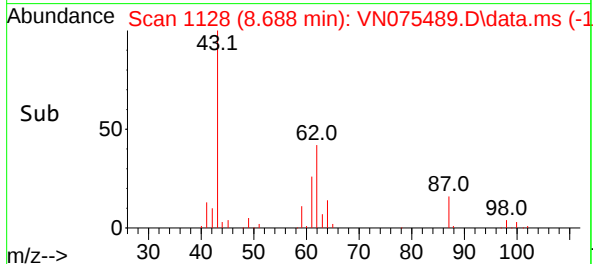
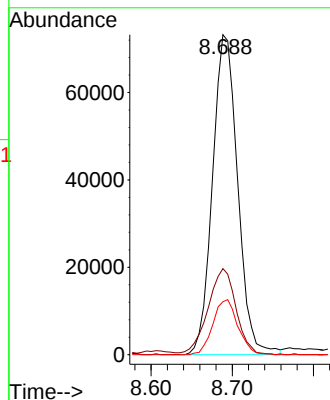
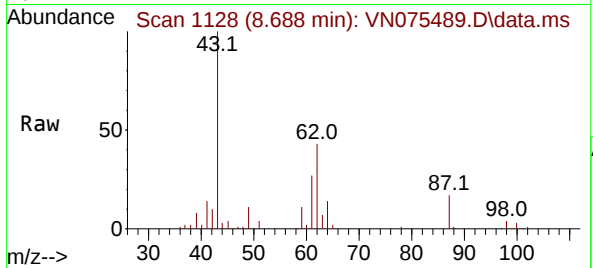
Tgt Ion: 43	Resp: 15789
Ion Ratio	Lower Upper
43 100	
61 30.1	22.4 33.6
87 17.1	12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#44

Trichloroethene

Concen: 49.331 ug/l

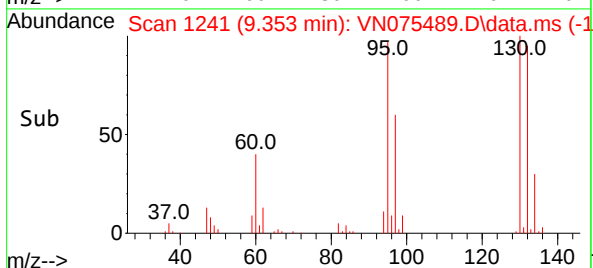
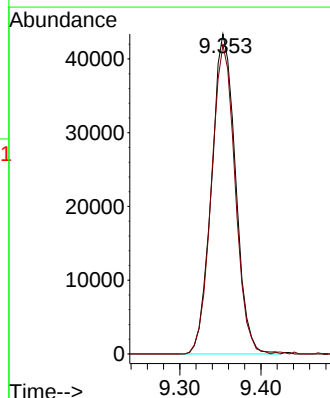
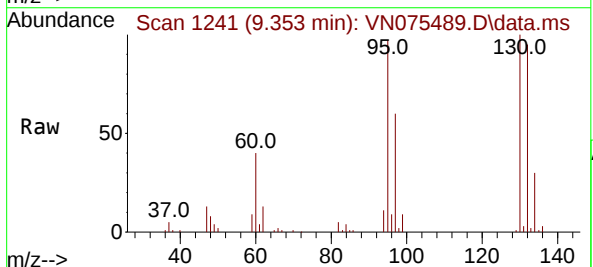
RT: 9.353 min Scan# 1241

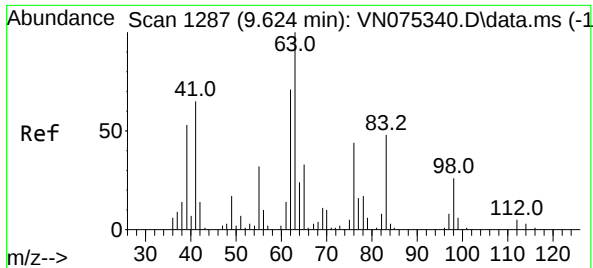
Delta R.T. 0.000 min

Lab File: VN075489.D

Acq: 30 Nov 2022 08:54

Tgt Ion:130	Resp: 88814
Ion Ratio	Lower Upper
130 100	
95 96.6	0.0 198.4





#45

1,2-Dichloropropane

Concen: 52.107 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075489.D

Acq: 30 Nov 2022 08:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 8170

Ion Ratio Lower Upper

63 100

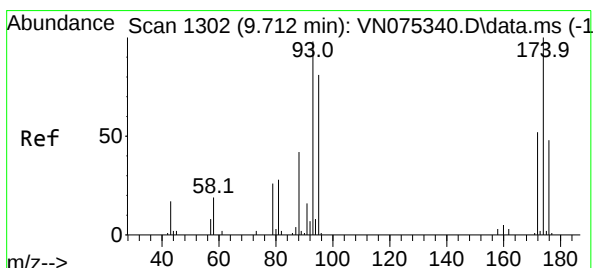
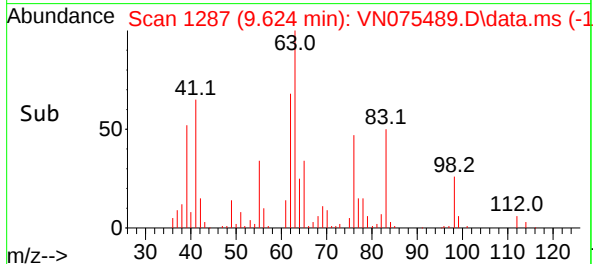
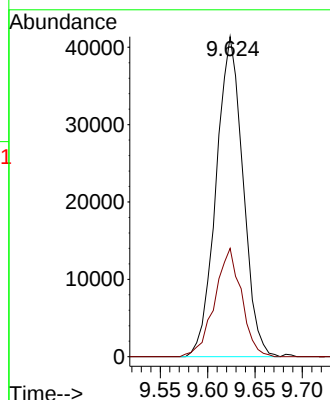
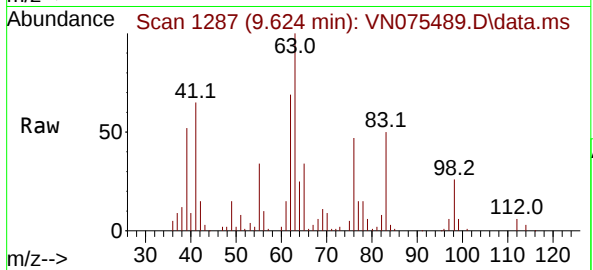
65 33.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#46

Dibromomethane

Concen: 52.372 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075489.D

Acq: 30 Nov 2022 08:54

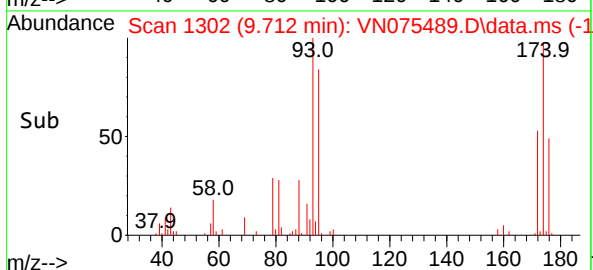
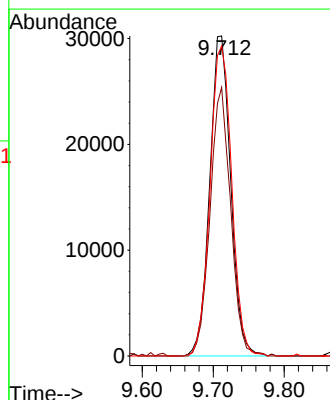
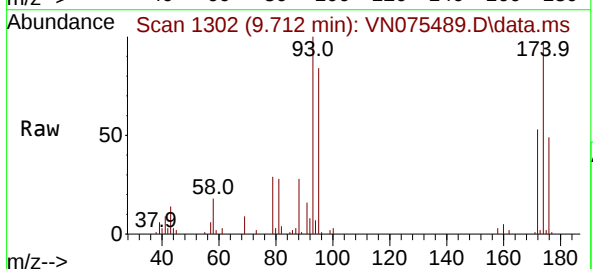
Tgt Ion: 93 Resp: 62113

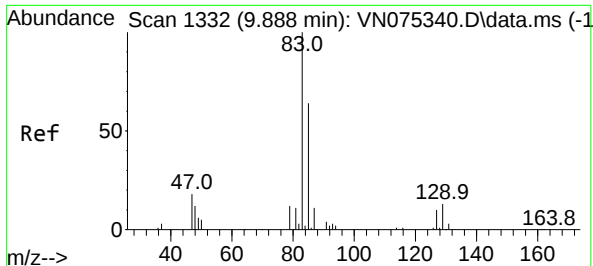
Ion Ratio Lower Upper

93 100

95 82.4 66.6 99.8

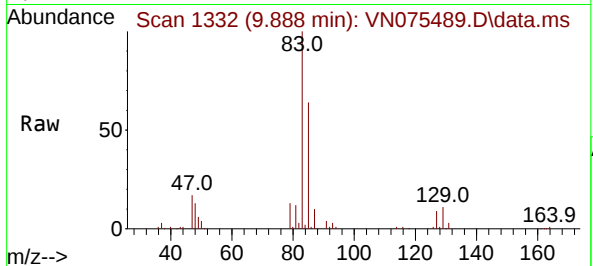
174 100.3 70.3 105.5





#47
Bromodichloromethane
Concen: 51.535 ug/l
RT: 9.888 min Scan# 118362
Delta R.T. 0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

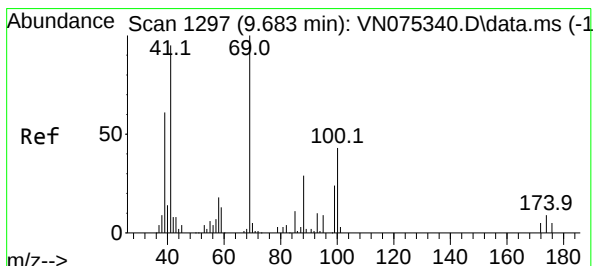
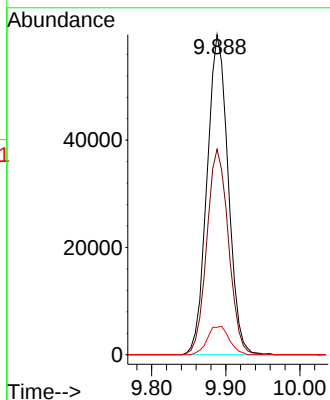
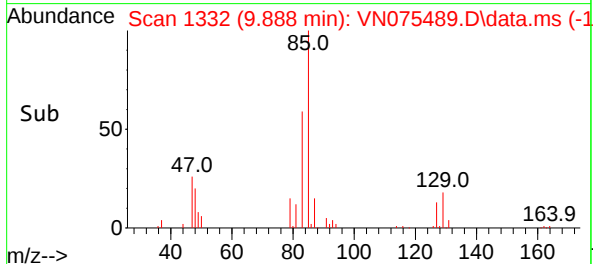
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 118362
Ion Ratio Lower Upper
83 100
85 64.2 52.1 78.1
127 8.5 6.6 10.0

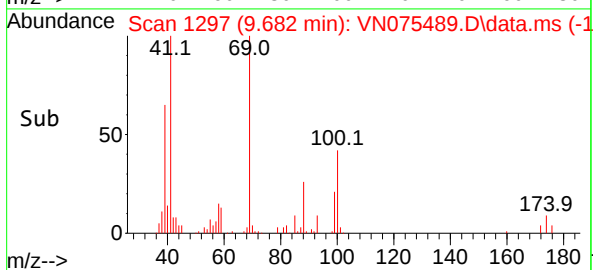
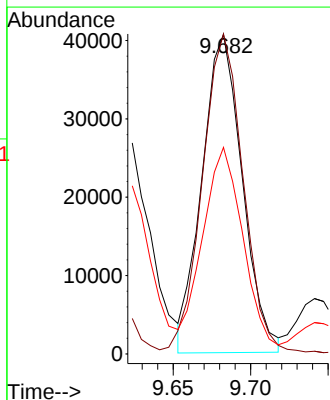
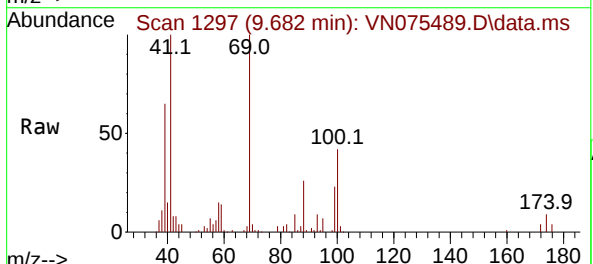
Manual Integrations
APPROVED

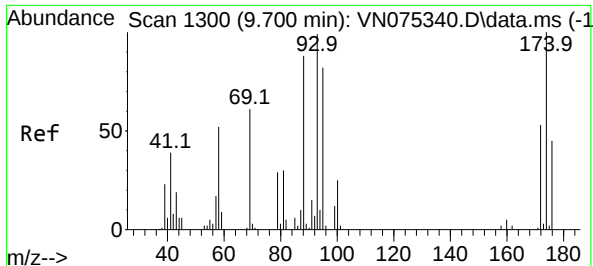
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#48
Methyl methacrylate
Concen: 51.044 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.001 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

Tgt Ion: 41 Resp: 73309
Ion Ratio Lower Upper
41 100
69 102.9 80.2 120.2
39 66.1 56.2 84.2





#49

1,4-Dioxane

Concen: 907.538 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075489.D

Acq: 30 Nov 2022 08:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 3701

Ion Ratio Lower Upper

88 100

43 18.9 17.5 26.3

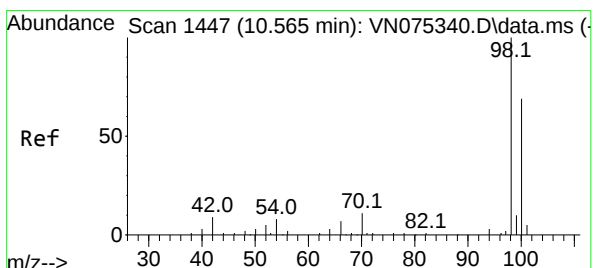
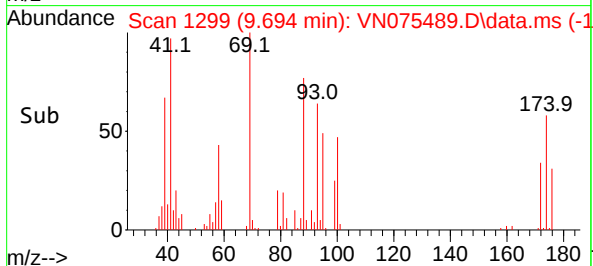
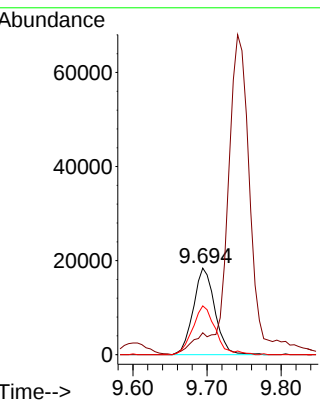
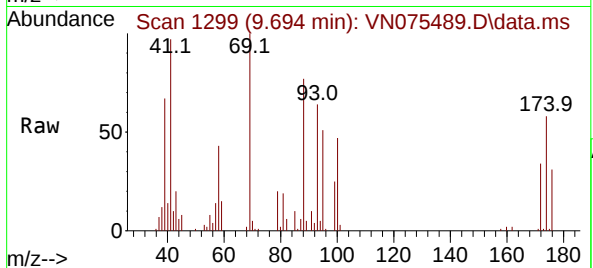
58 59.8 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#50

Toluene-d8

Concen: 50.997 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VN075489.D

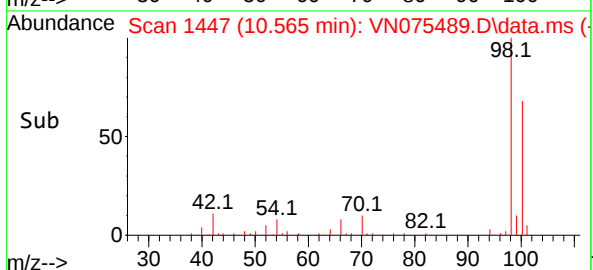
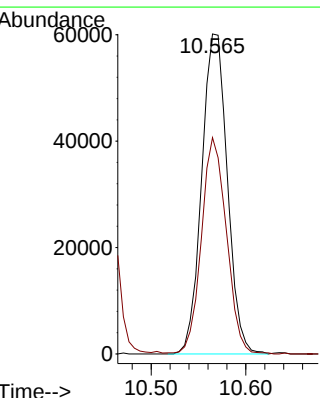
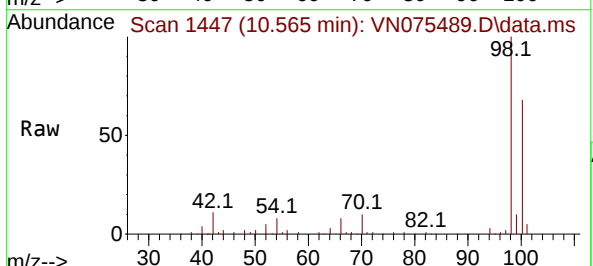
Acq: 30 Nov 2022 08:54

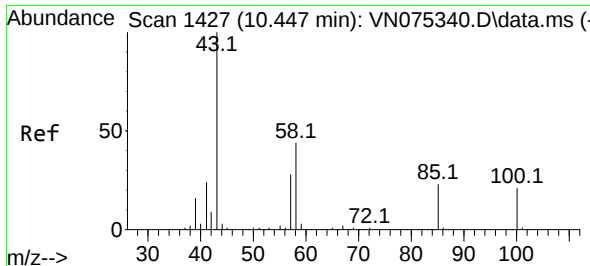
Tgt Ion: 98 Resp: 113188

Ion Ratio Lower Upper

98 100

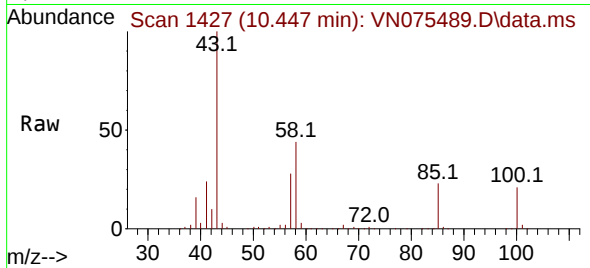
100 65.8 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 253.190 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

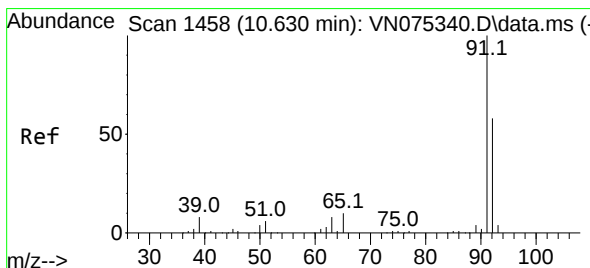
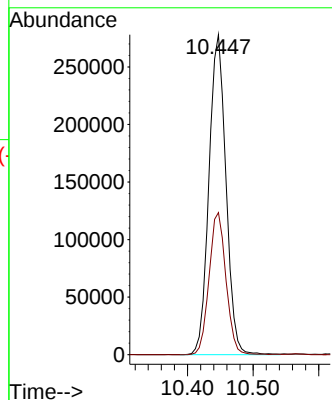
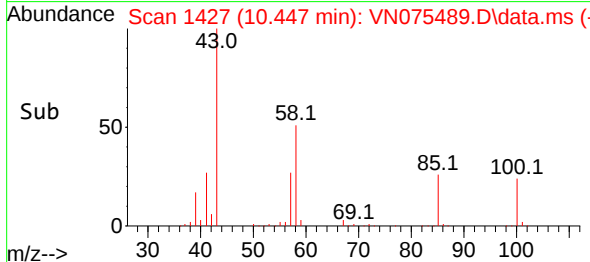
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



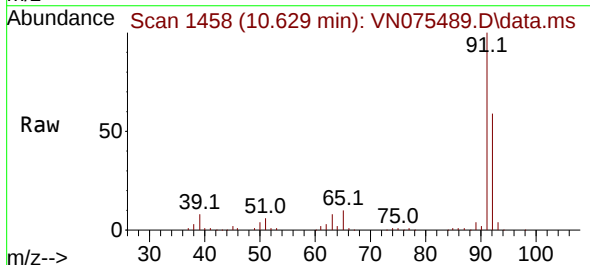
Tgt Ion: 43 Resp: 50088
Ion Ratio Lower Upper
43 100
58 44.1 33.6 50.4

Manual Integrations
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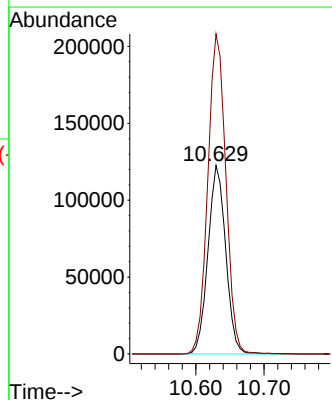
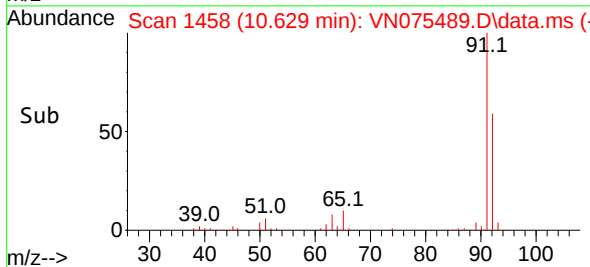
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

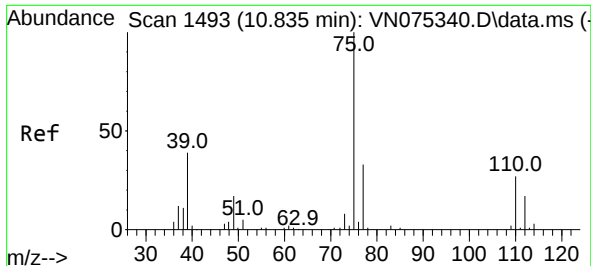


#52
Toluene
Concen: 52.278 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.001 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54



Tgt Ion: 92 Resp: 221663
Ion Ratio Lower Upper
92 100
91 173.0 135.4 203.2





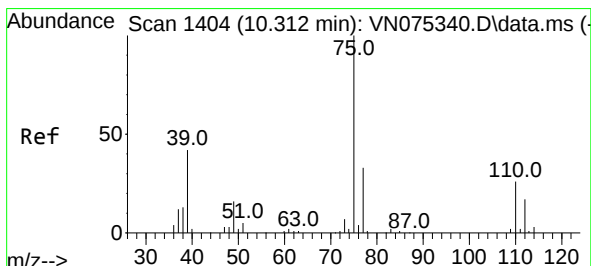
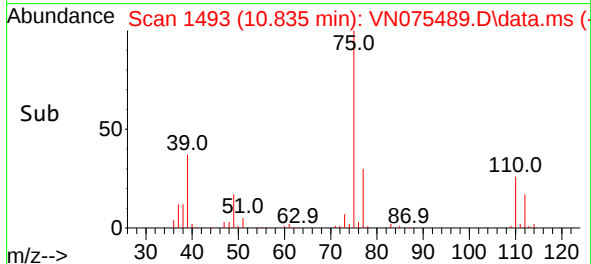
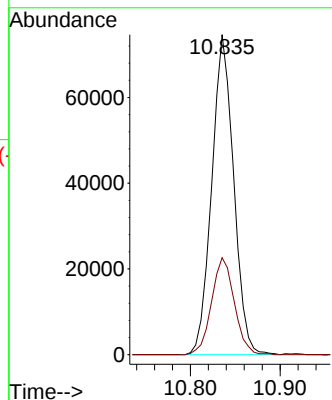
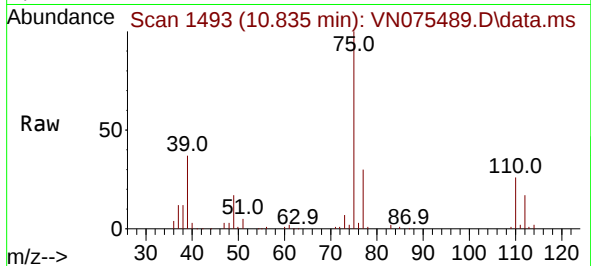
#53
t-1,3-Dichloropropene
Concen: 54.822 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 126404
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.2

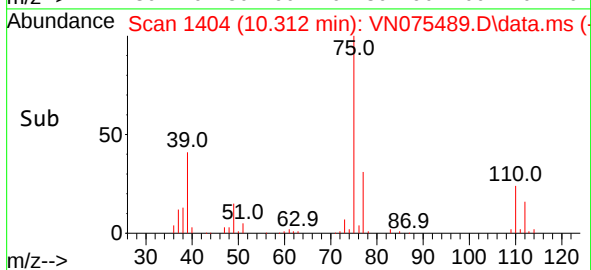
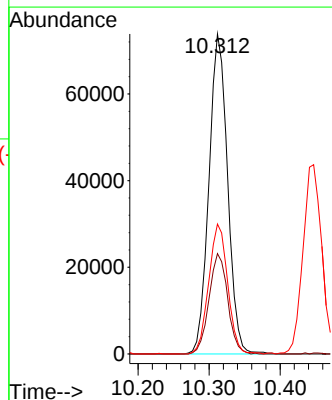
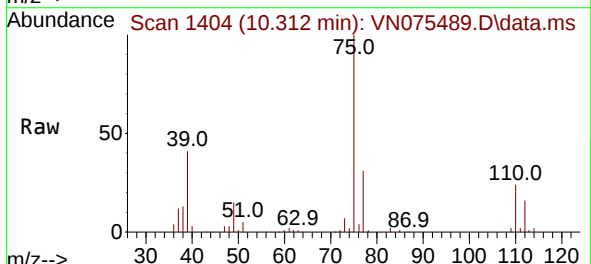
Manual Integrations
APPROVED

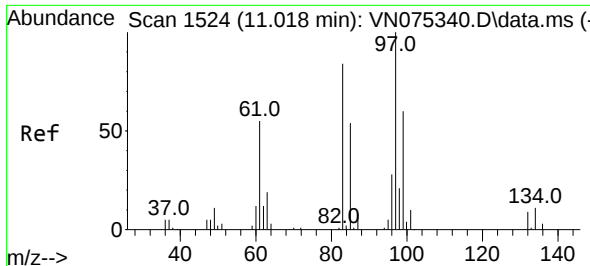
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#54
cis-1,3-Dichloropropene
Concen: 53.803 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

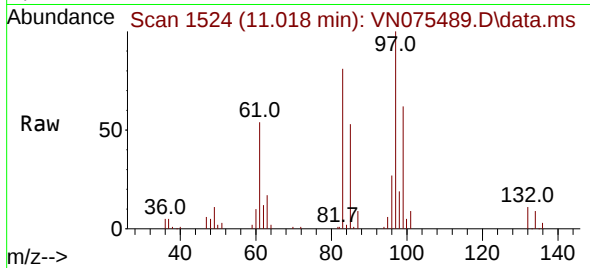
Tgt Ion: 75 Resp: 134737
Ion Ratio Lower Upper
75 100
77 31.3 23.7 35.5
39 40.6 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 51.649 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

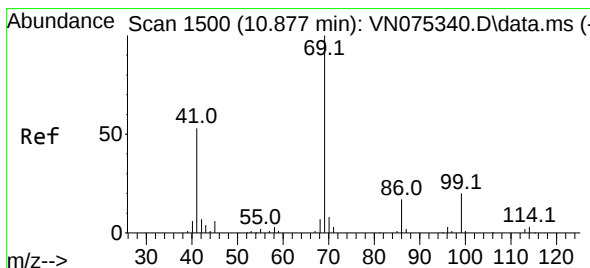
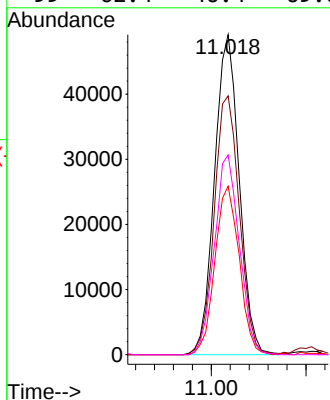
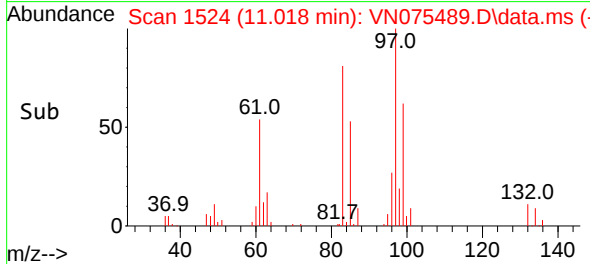
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	8919
Ion Ratio	100	Lower	Upper
97	100		
83	80.9	65.9	98.9
85	52.7	40.4	60.6
99	62.4	46.4	69.6

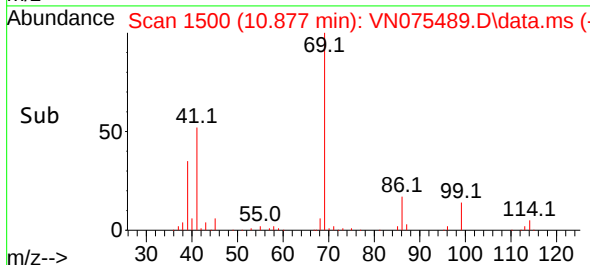
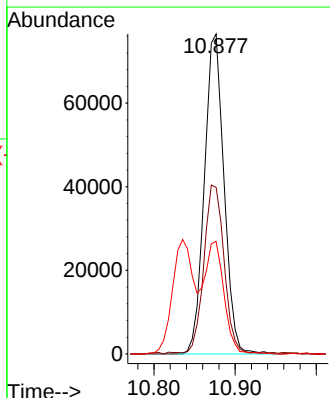
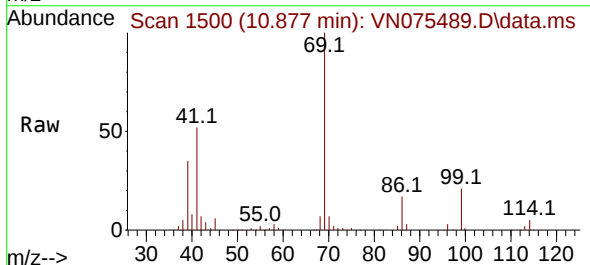
Manual Integrations
APPROVED

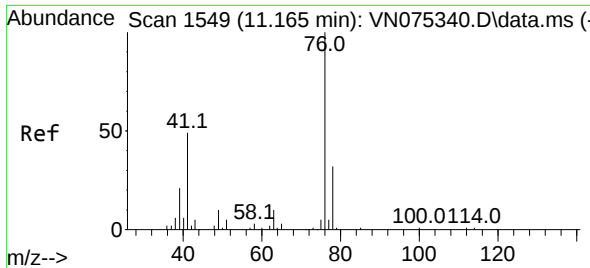
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#56
Ethyl methacrylate
Concen: 55.108 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

Tgt Ion:	69	Resp:	128522
Ion Ratio	100	Lower	Upper
69	100		
41	53.6	45.6	68.4
39	35.8	28.5	42.7





#57

1,3-Dichloropropane

Concen: 51.173 ug/l

RT: 11.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075489.D

Acq: 30 Nov 2022 08:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 144094

Ion Ratio Lower Upper

76 100

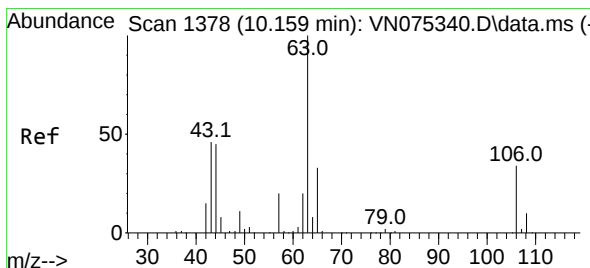
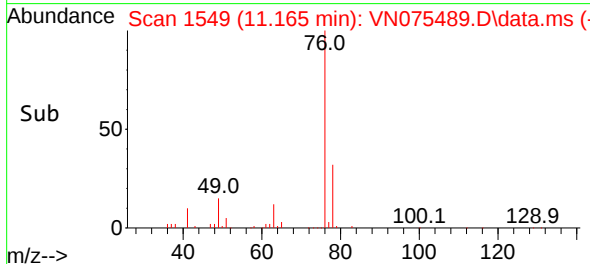
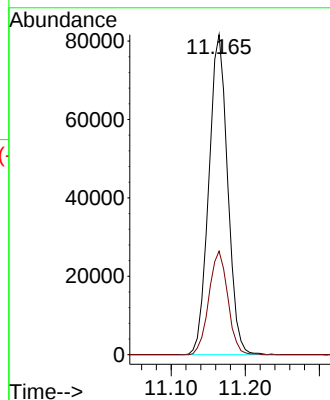
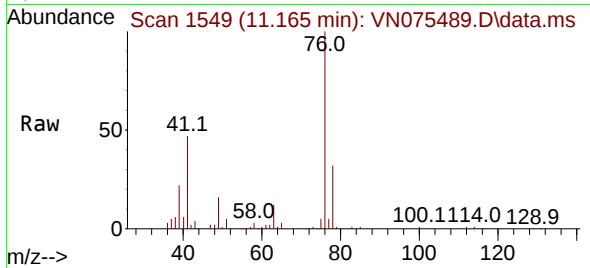
78 32.5 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#58

2-Chloroethyl Vinyl ether

Concen: 264.462 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.000 min

Lab File: VN075489.D

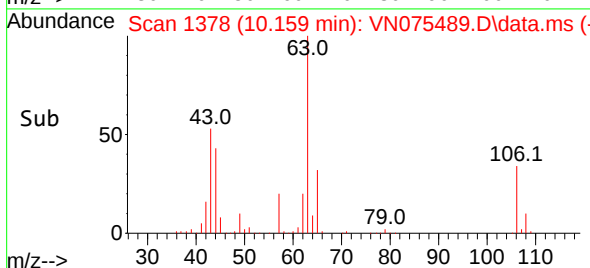
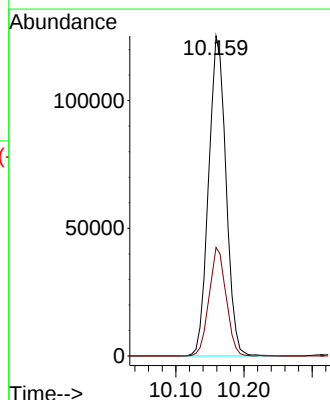
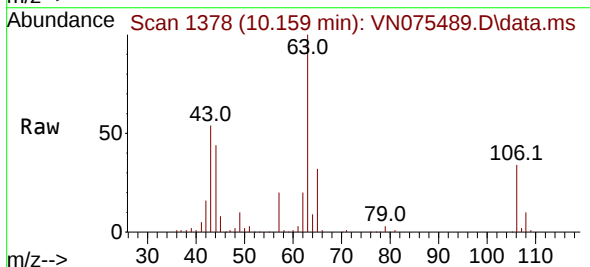
Acq: 30 Nov 2022 08:54

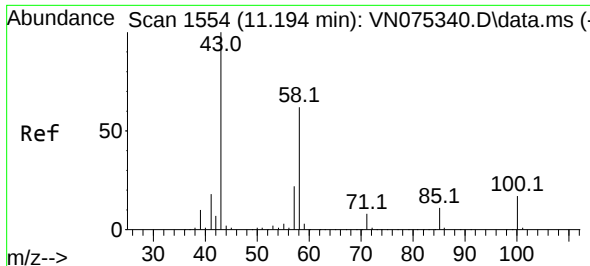
Tgt Ion: 63 Resp: 222444

Ion Ratio Lower Upper

63 100

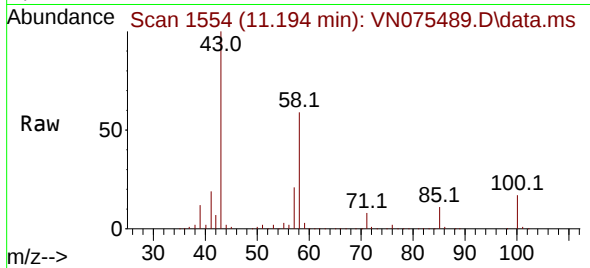
106 33.1 24.8 37.2





#59
2-Hexanone
Concen: 261.123 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

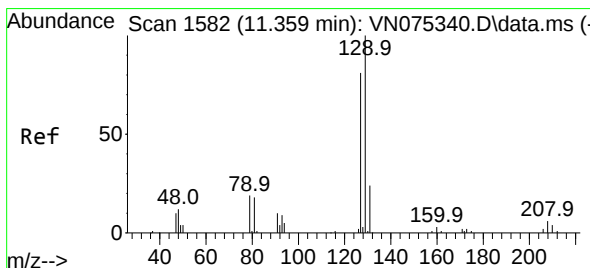
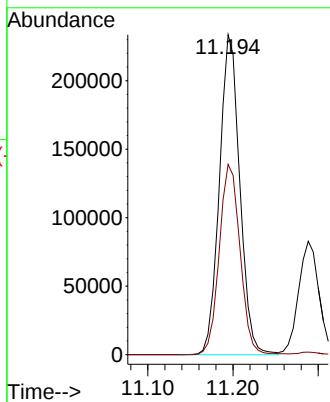
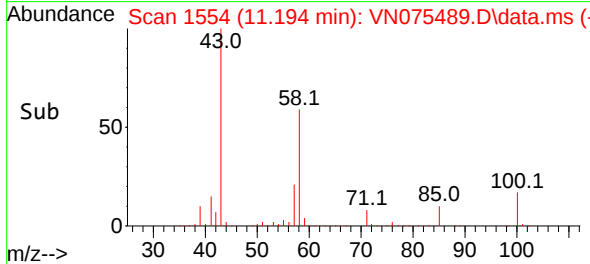
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 387899
Ion Ratio Lower Upper
43 100
58 60.7 29.6 88.8

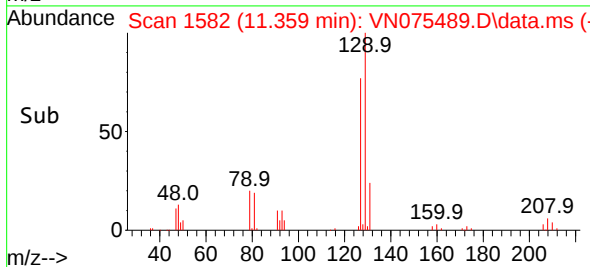
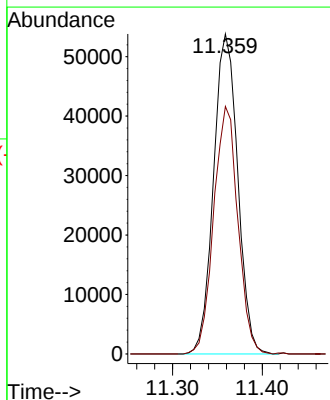
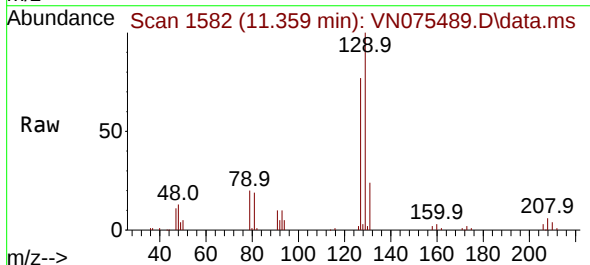
Manual Integrations
APPROVED

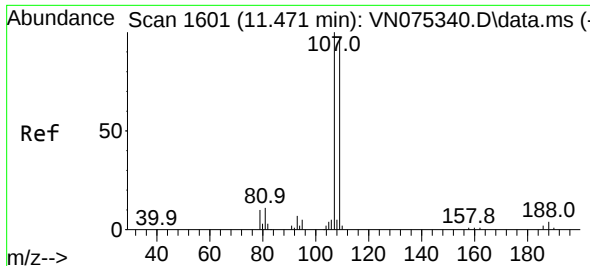
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#60
Dibromochloromethane
Concen: 56.817 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

Tgt Ion:129 Resp: 100714
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8





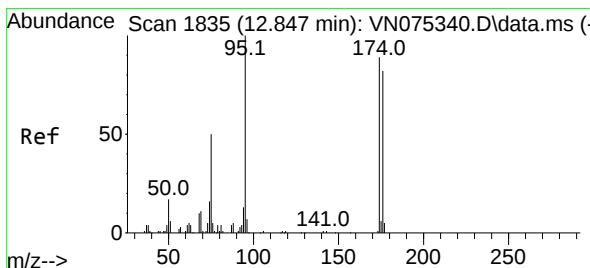
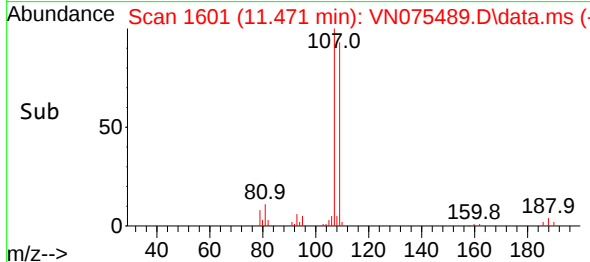
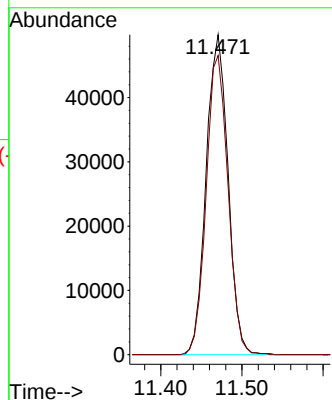
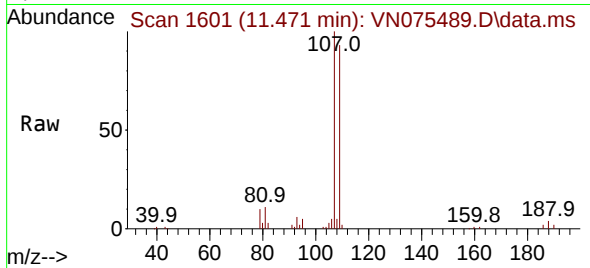
#61
1,2-Dibromoethane
Concen: 51.892 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 9301
Ion Ratio Lower Upper
107 100
109 93.4 75.6 113.4

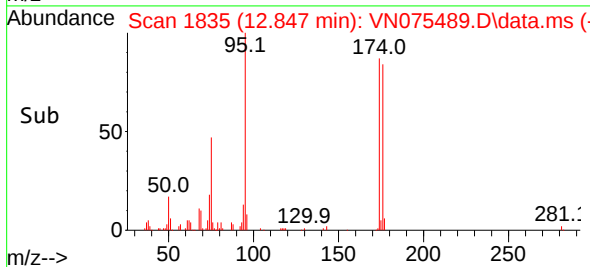
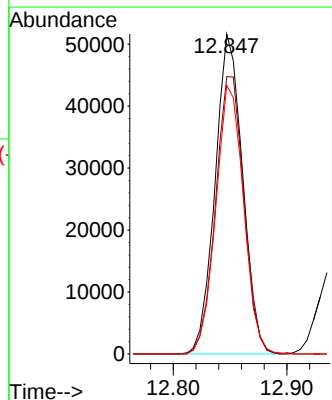
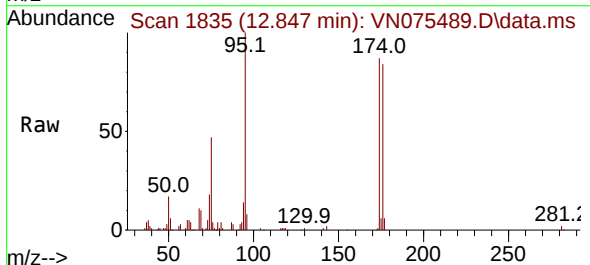
Manual Integrations
APPROVED

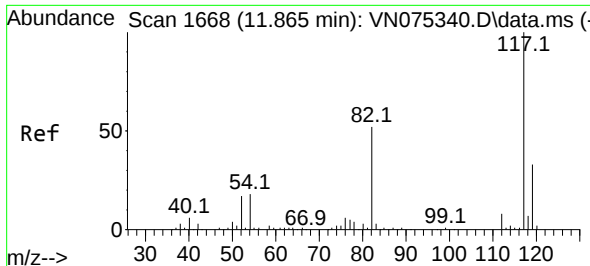
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#62
4-Bromofluorobenzene
Concen: 52.738 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

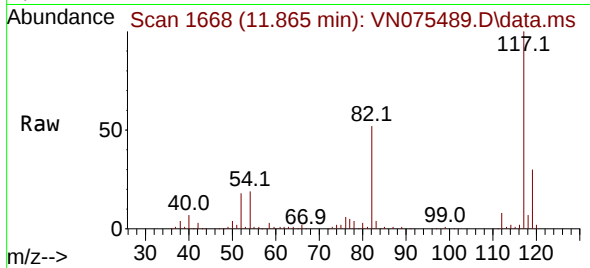
Tgt Ion: 95 Resp: 86398
Ion Ratio Lower Upper
95 100
174 90.3 0.0 147.4
176 85.1 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

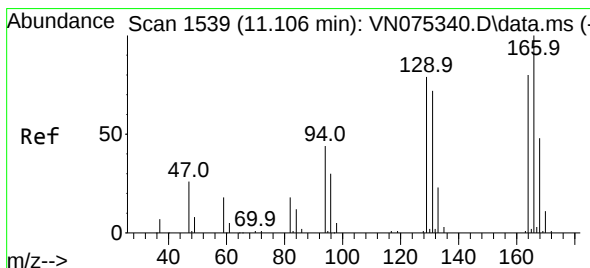
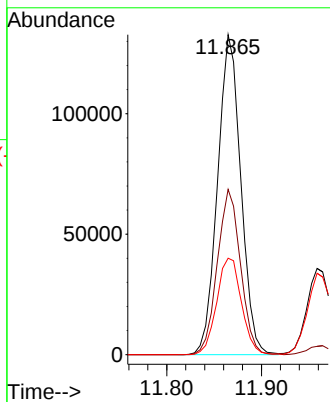
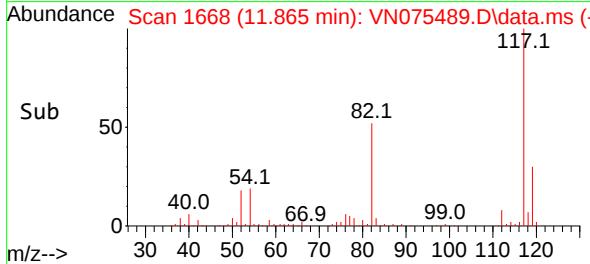
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 226448
Ion Ratio Lower Upper
117 100
82 51.7 43.1 64.7
119 30.2 25.5 38.3

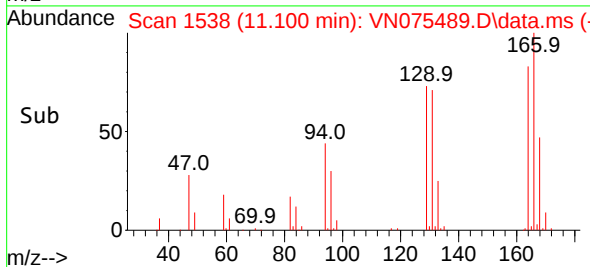
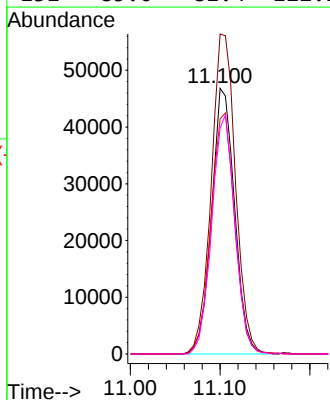
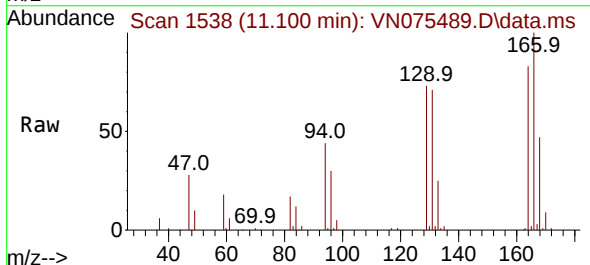
Manual Integrations
APPROVED

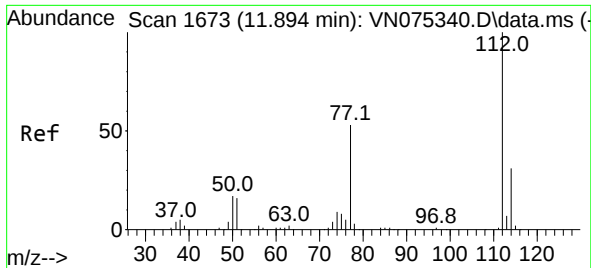
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#64
Tetrachloroethene
Concen: 48.337 ug/l
RT: 11.100 min Scan# 1538
Delta R.T. -0.006 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

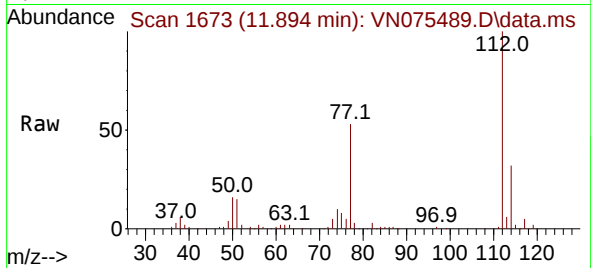
Tgt Ion:164 Resp: 83589
Ion Ratio Lower Upper
164 100
166 120.4 106.5 159.7
129 88.5 81.9 122.9
131 85.0 81.4 122.2





#65
Chlorobenzene
Concen: 51.489 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

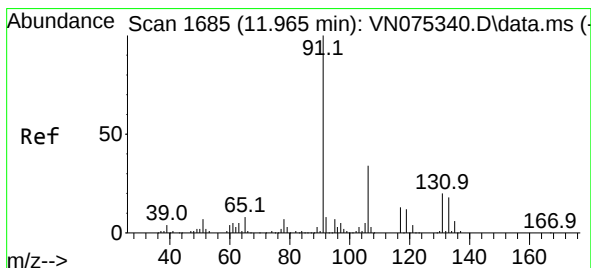
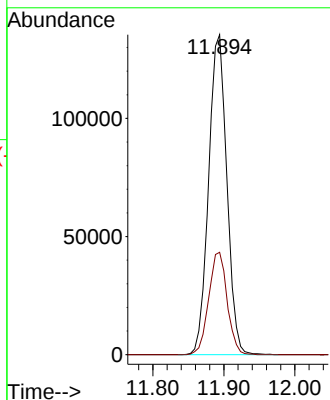
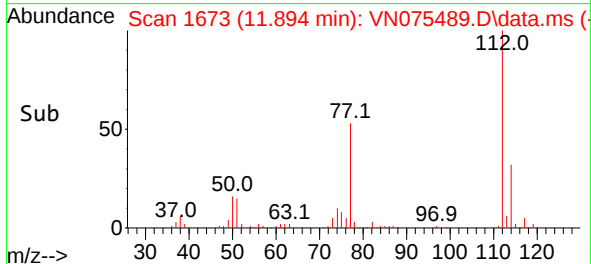
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 240790
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2

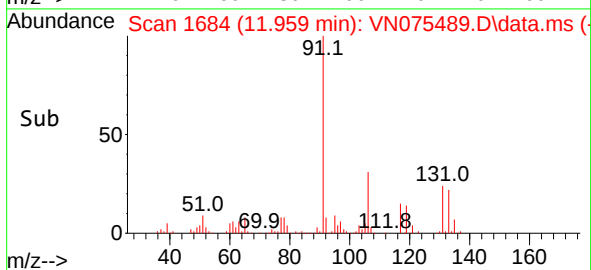
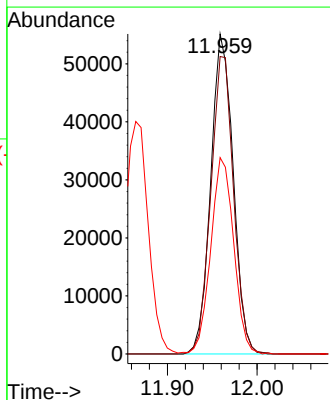
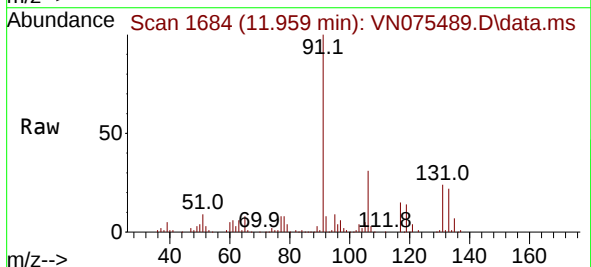
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 54.788 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

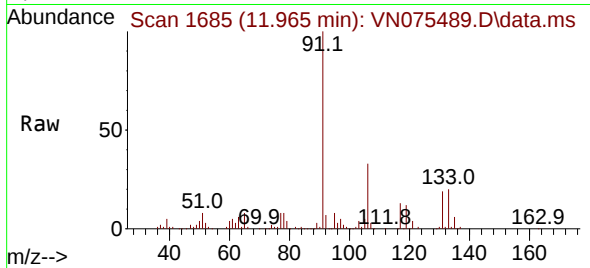
Tgt Ion:131 Resp: 95627
Ion Ratio Lower Upper
131 100
133 94.6 47.8 143.4
119 63.0 33.0 99.0





#67
Ethyl Benzene
Concen: 54.415 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

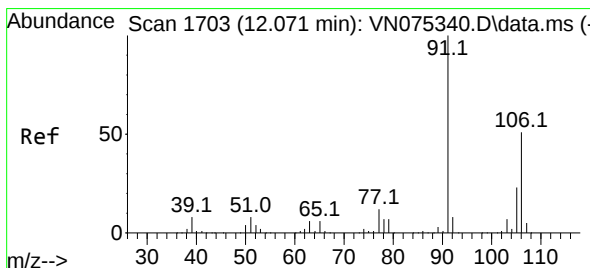
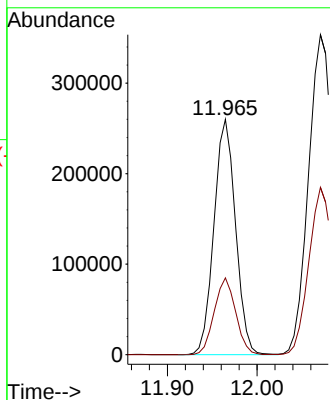
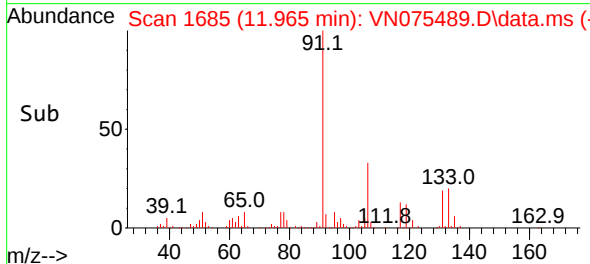
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



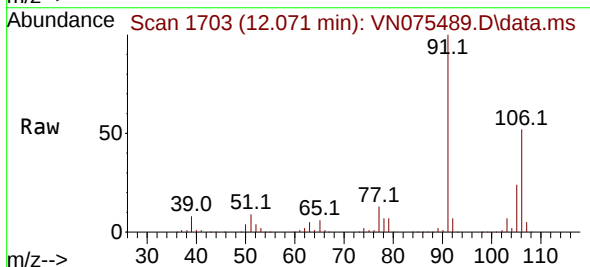
Tgt Ion: 91 Resp: 434150
Ion Ratio Lower Upper
91 100
106 32.6 24.9 37.3

Manual Integrations
APPROVED

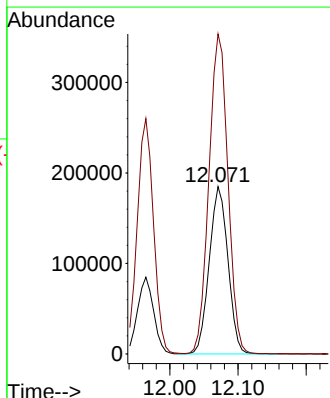
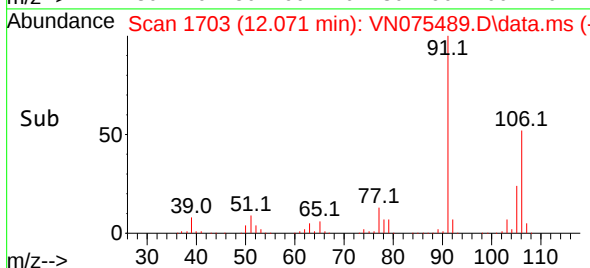
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

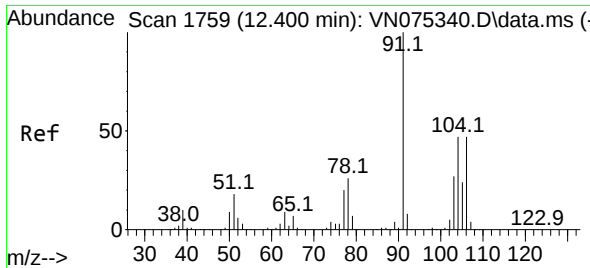


#68
m/p-Xylenes
Concen: 108.910 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54



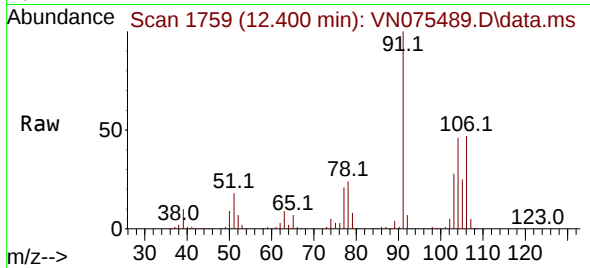
Tgt Ion:106 Resp: 352863
Ion Ratio Lower Upper
106 100
91 194.0 156.0 234.0





#69
o-Xylene
Concen: 52.970 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

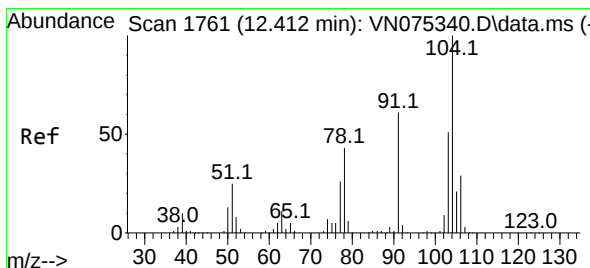
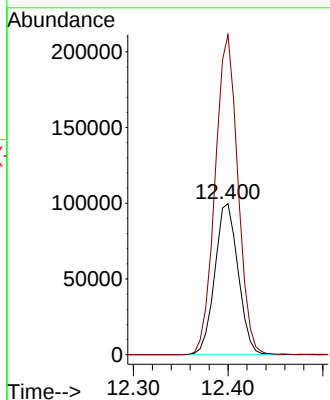
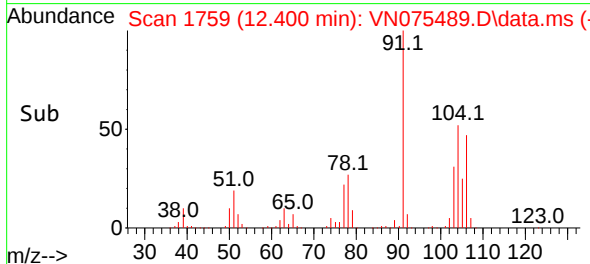
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 170510
Ion Ratio Lower Upper
106 100
91 207.5 105.2 315.5

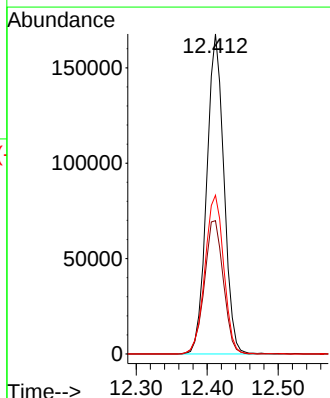
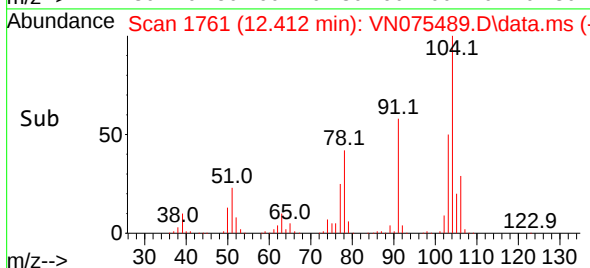
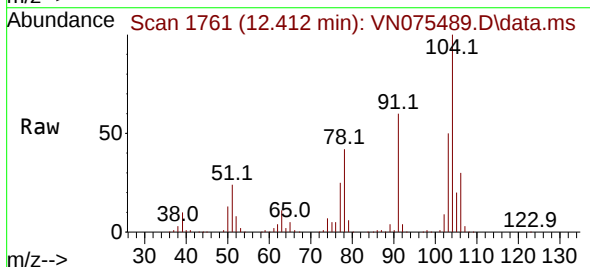
Manual Integrations
APPROVED

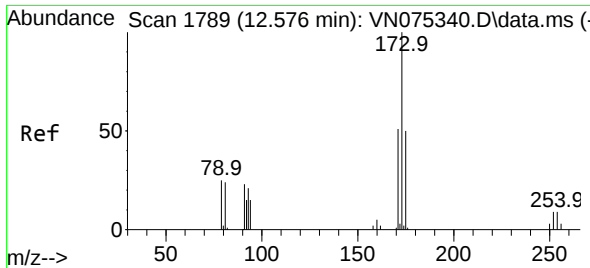
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#70
Styrene
Concen: 55.475 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

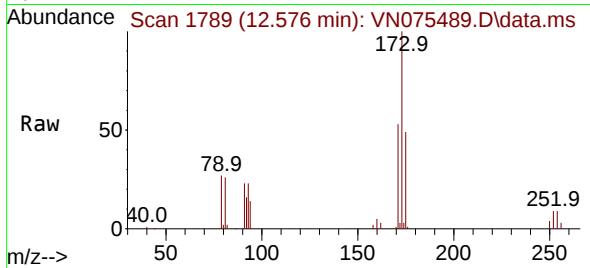
Tgt Ion:104 Resp: 281716
Ion Ratio Lower Upper
104 100
78 46.1 38.1 57.1
103 54.2 44.6 66.8





#71
Bromoform
Concen: 58.482 ug/l
RT: 12.576 min Scan# 1789
Delta R.T. 0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

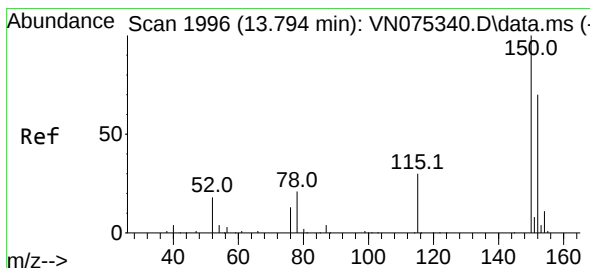
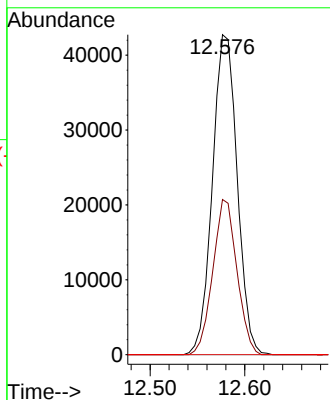
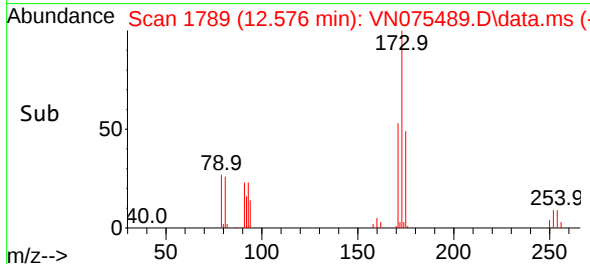
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



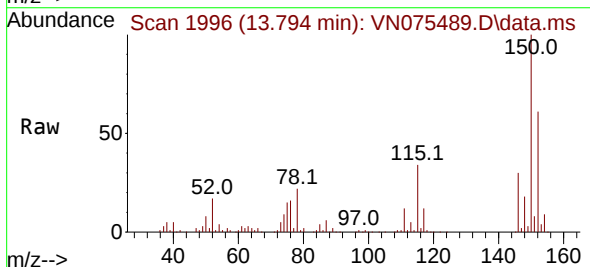
Tgt Ion:173 Resp: 7768
Ion Ratio Lower Upper
173 100
175 47.1 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

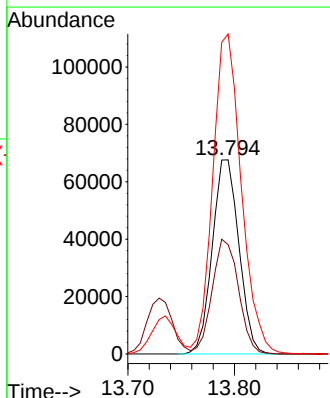
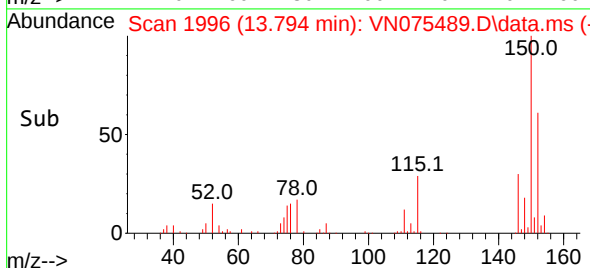
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

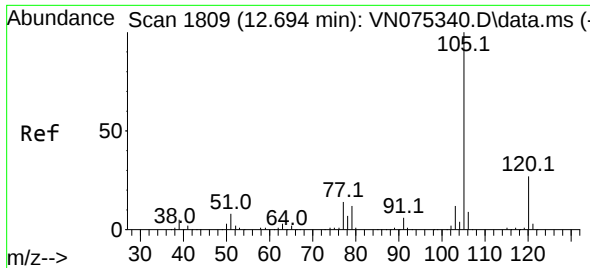


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54



Tgt Ion:152 Resp: 117262
Ion Ratio Lower Upper
152 100
115 58.6 30.2 90.6
150 176.7 0.0 348.4





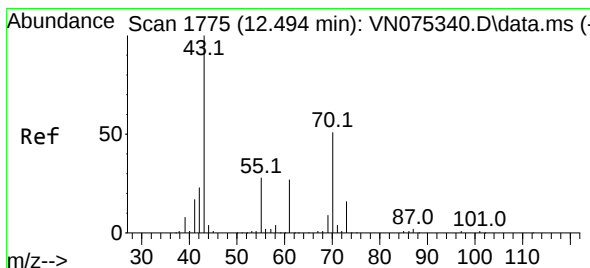
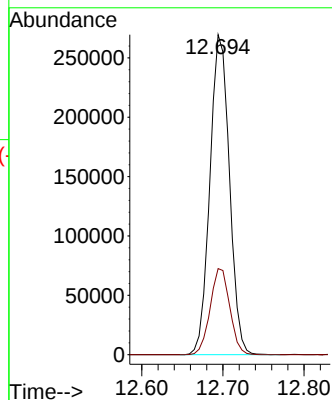
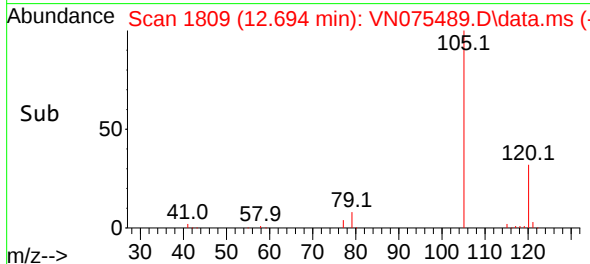
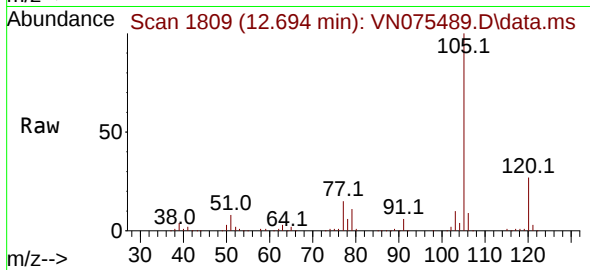
#73
Isopropylbenzene
Concen: 52.463 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 44945
Ion Ratio Lower Upper
105 100
120 27.1 13.1 39.1

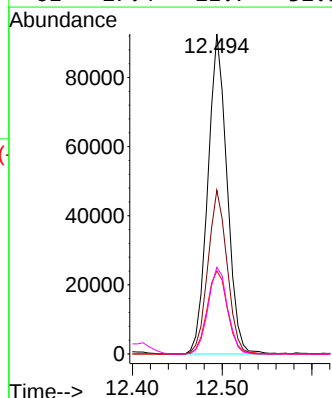
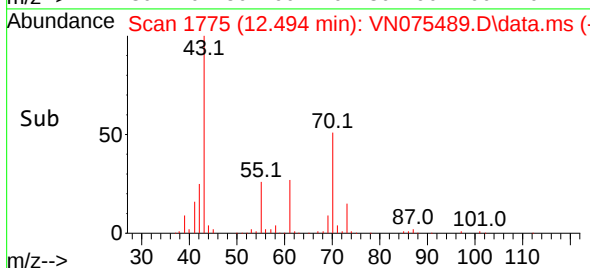
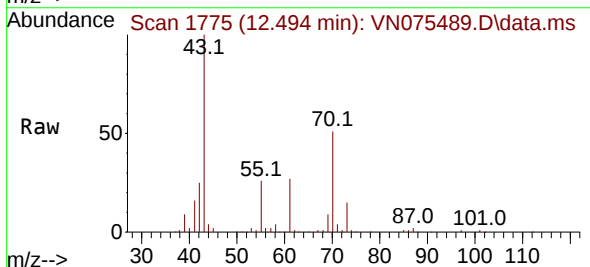
Manual Integrations
APPROVED

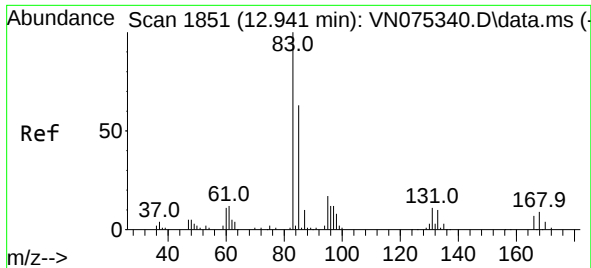
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#74
N-ethyl acetate
Concen: 52.260 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

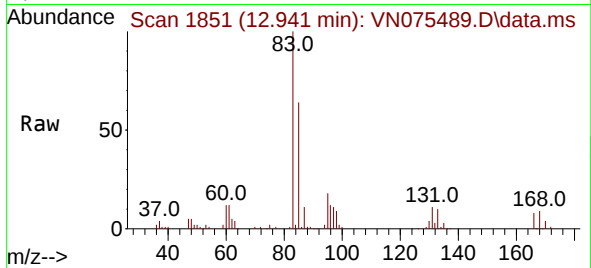
Tgt Ion: 43 Resp: 137642
Ion Ratio Lower Upper
43 100
70 51.1 39.8 59.8
55 27.5 19.9 29.9
61 27.4 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 51.704 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

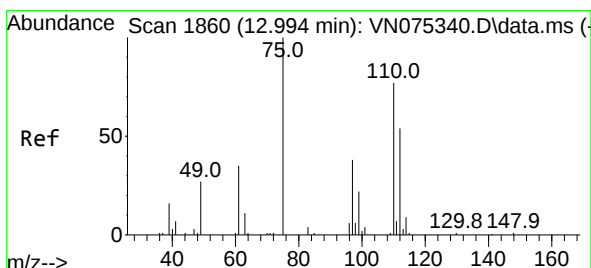
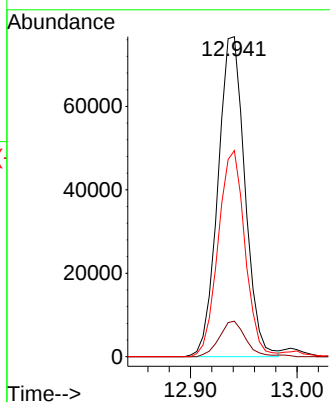
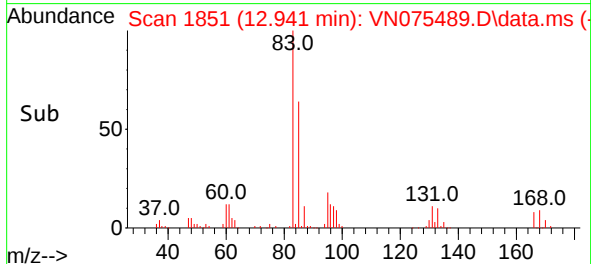
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 13504
Ion Ratio Lower Upper
83 100
131 11.0 5.1 15.3
85 63.9 31.6 94.7

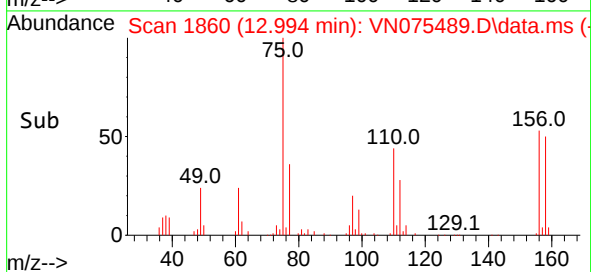
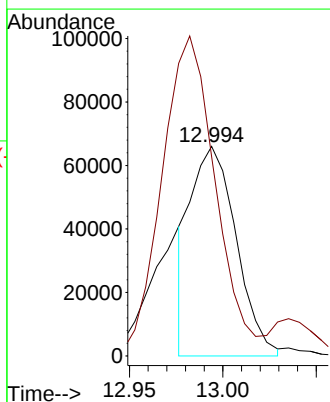
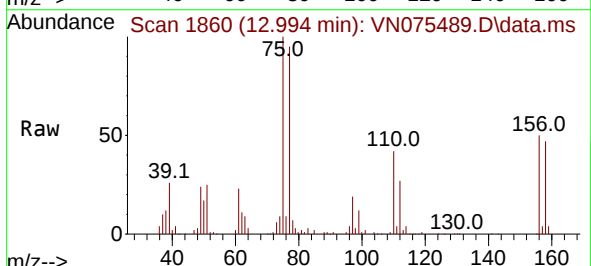
Manual Integrations
APPROVED

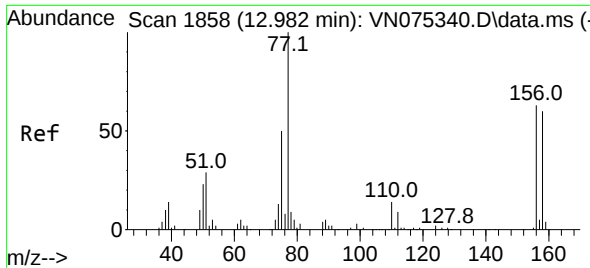
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#76
1,2,3-Trichloropropane
Concen: 50.172 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

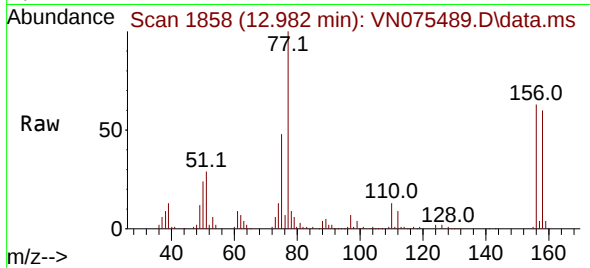
Tgt Ion: 75 Resp: 111237
Ion Ratio Lower Upper
75 100
77 179.9 75.6 226.8





#77
Bromobenzene
Concen: 52.083 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

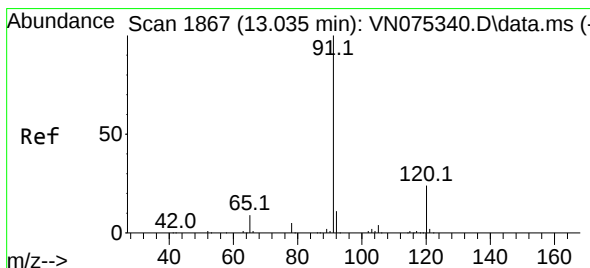
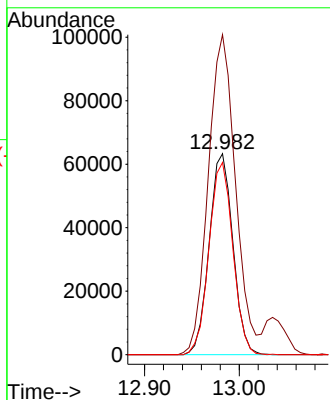
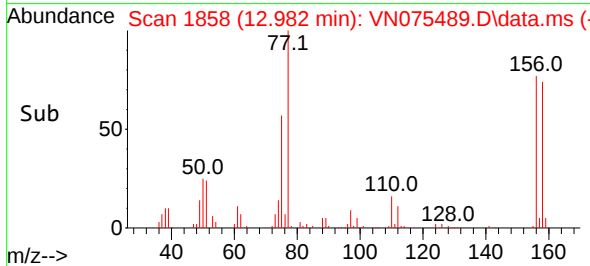
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 110158
Ion Ratio Lower Upper
156 100
77 181.7 108.5 325.5
158 96.2 47.7 143.1

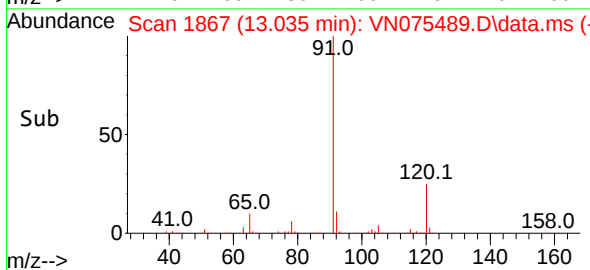
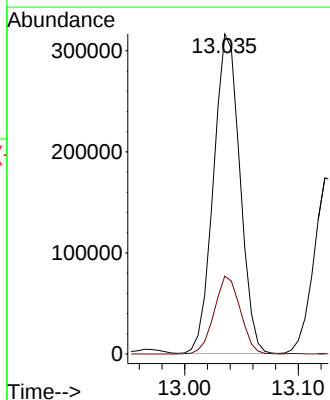
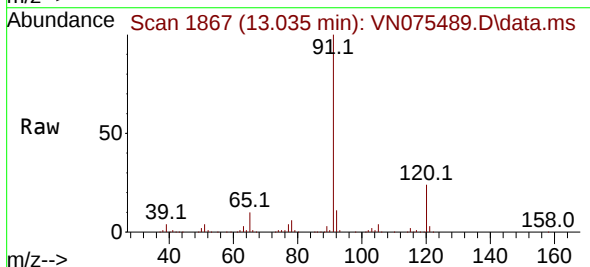
Manual Integrations
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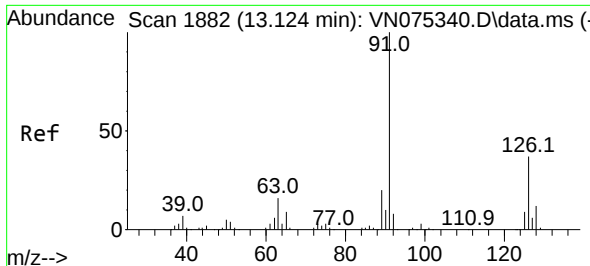
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#78
n-propylbenzene
Concen: 53.440 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

Tgt Ion: 91 Resp: 510938
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.5





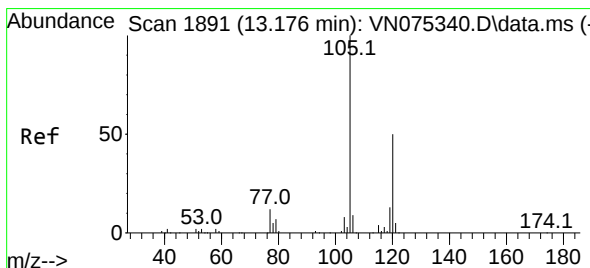
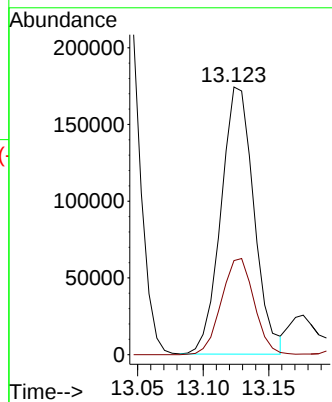
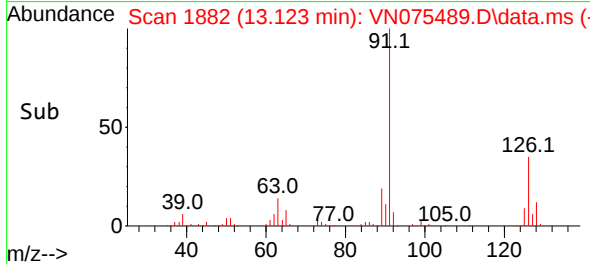
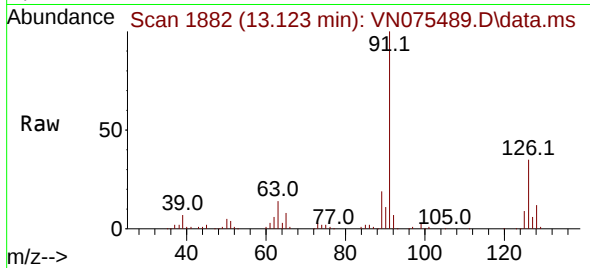
#79
2-Chlorotoluene
Concen: 52.975 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 305170
Ion Ratio Lower Upper
91 100
126 35.7 16.9 50.7

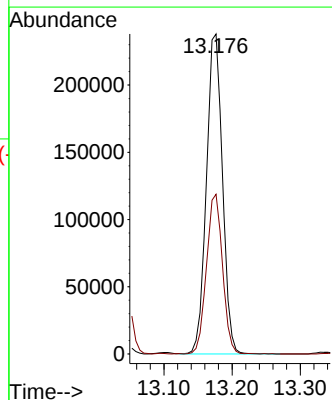
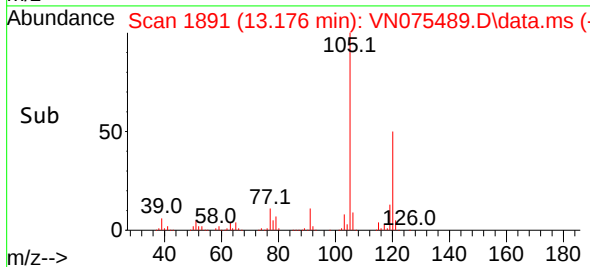
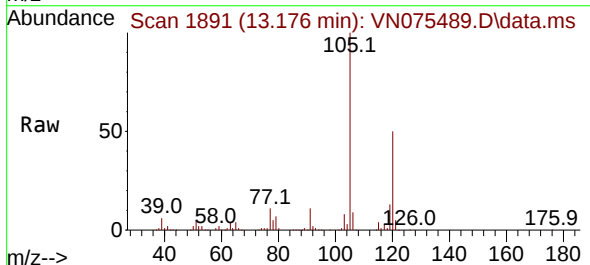
Manual Integrations
APPROVED

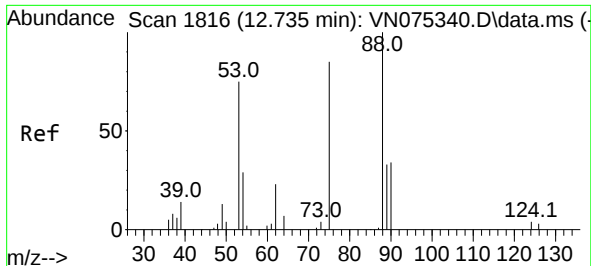
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#80
1,3,5-Trimethylbenzene
Concen: 54.757 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

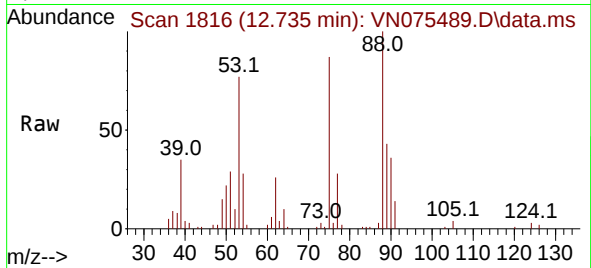
Tgt Ion:105 Resp: 389740
Ion Ratio Lower Upper
105 100
120 49.8 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 55.651 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

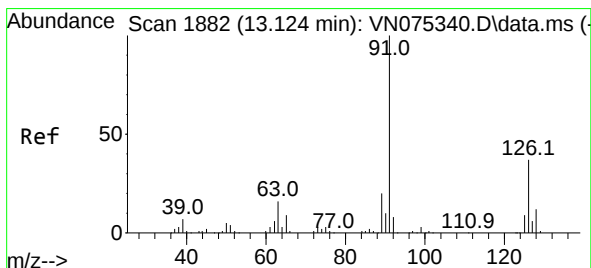
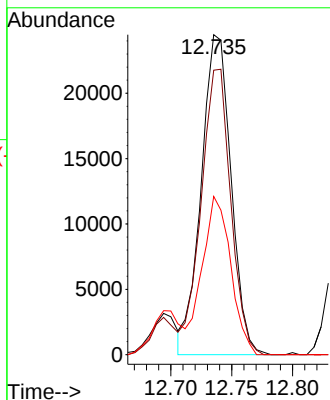
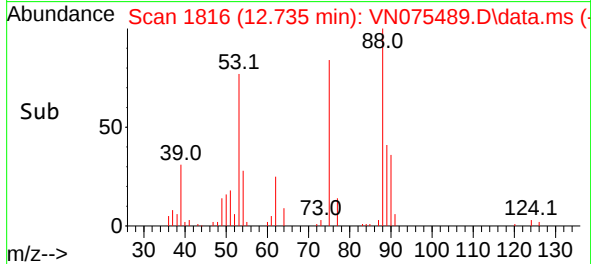
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 4170
Ion Ratio Lower Upper
75 100
53 88.9 78.5 117.7
89 47.3 37.7 56.5

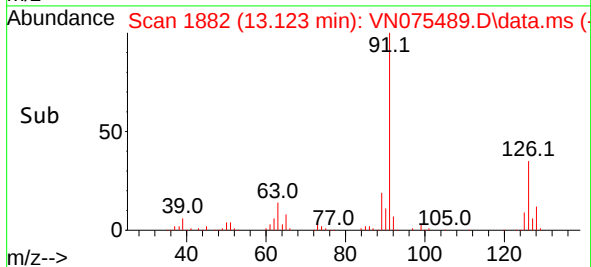
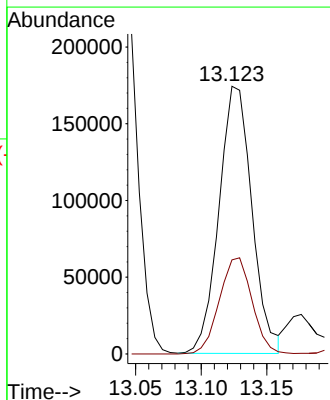
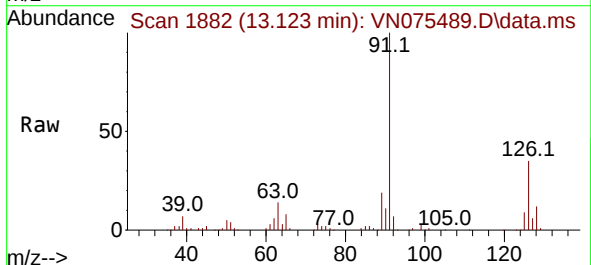
Manual Integrations
APPROVED

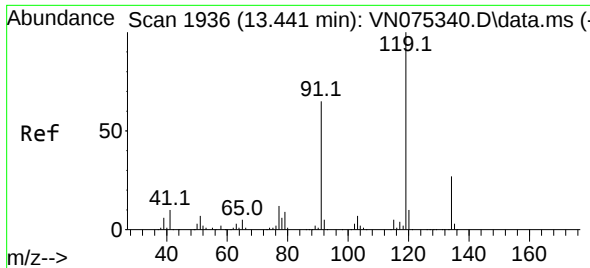
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#82
4-Chlorotoluene
Concen: 52.975 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

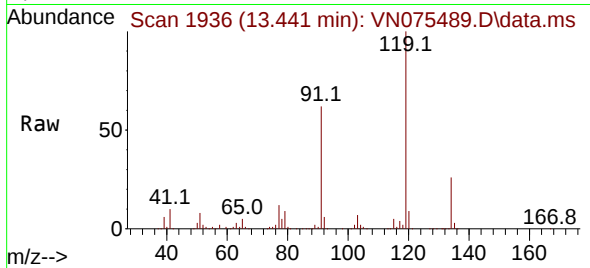
Tgt Ion: 91 Resp: 305170
Ion Ratio Lower Upper
91 100
126 35.7 16.9 50.7





#83
 tert-Butylbenzene
 Concen: 52.921 ug/l
 RT: 13.441 min Scan# 1936
 Delta R.T. 0.000 min
 Lab File: VN075489.D
 Acq: 30 Nov 2022 08:54

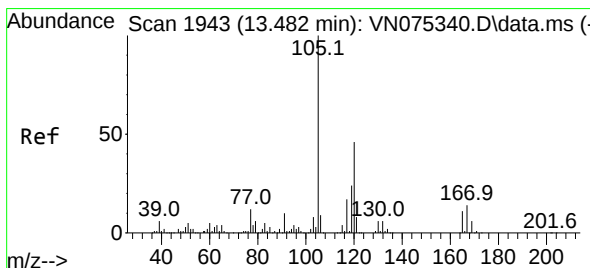
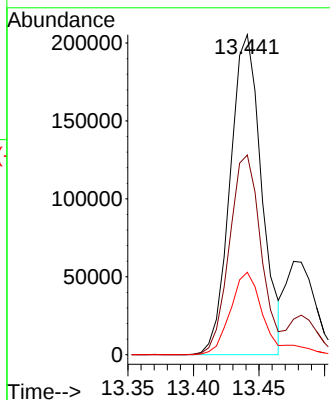
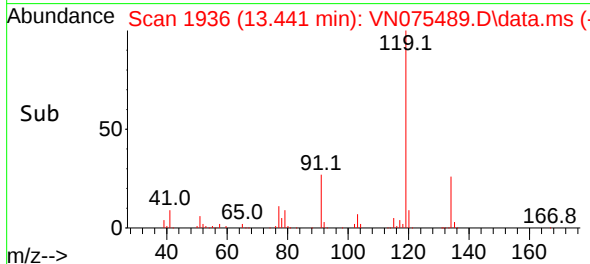
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



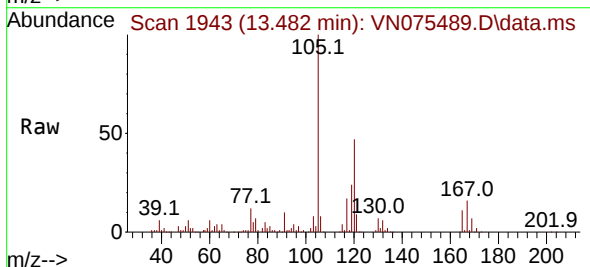
Tgt Ion:119 Resp: 343430
 Ion Ratio Lower Upper
 119 100
 91 64.1 32.8 98.4
 134 27.7 12.3 36.9

Manual Integrations
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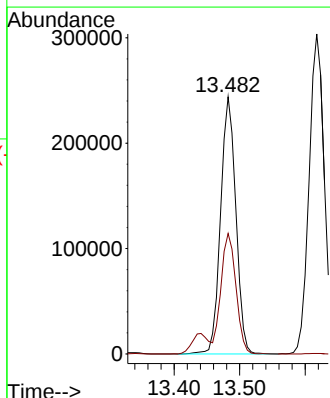
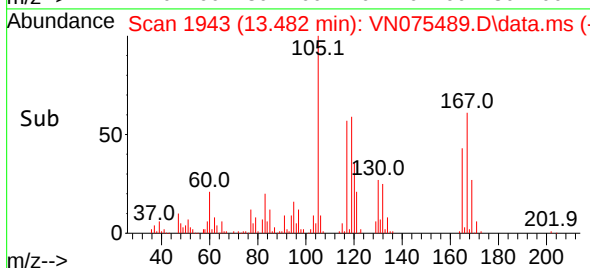
Reviewed By :John Carlone 12/01/2022
 Supervised By :Mahesh Dadoda 12/01/2022

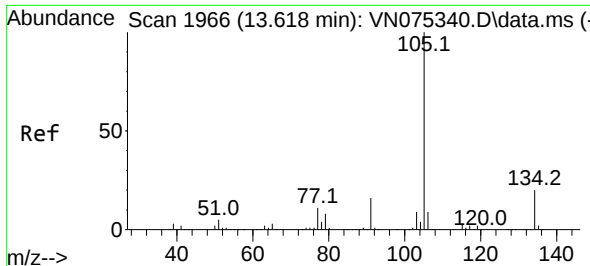


#84
 1,2,4-Trimethylbenzene
 Concen: 55.009 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: VN075489.D
 Acq: 30 Nov 2022 08:54



Tgt Ion:105 Resp: 392734
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.7 68.1





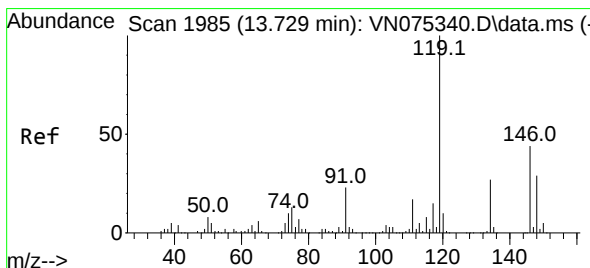
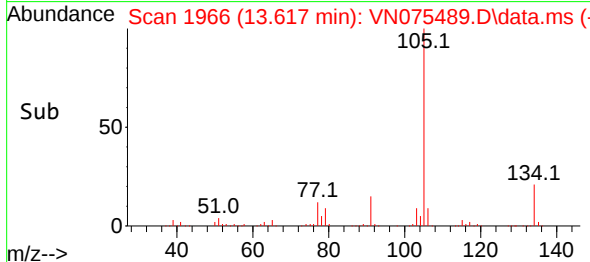
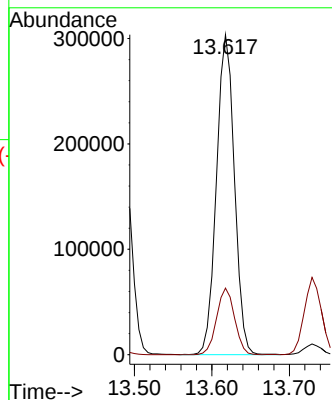
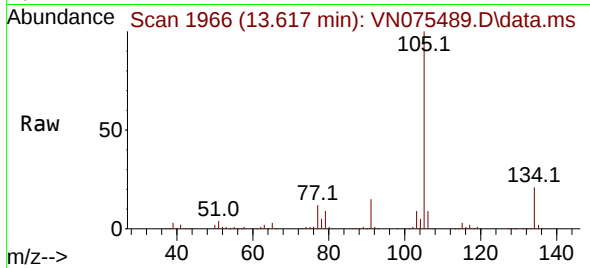
#85
 sec-Butylbenzene
 Concen: 55.484 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075489.D
 Acq: 30 Nov 2022 08:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 48856
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.6

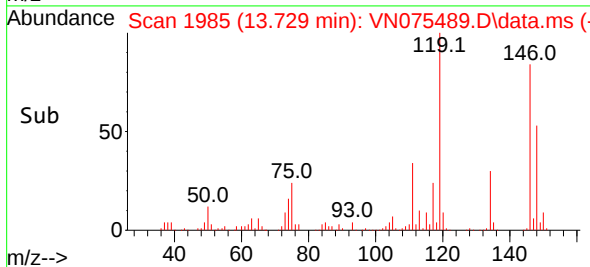
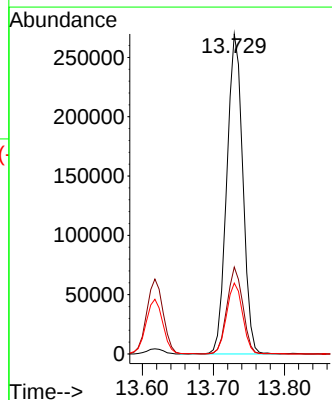
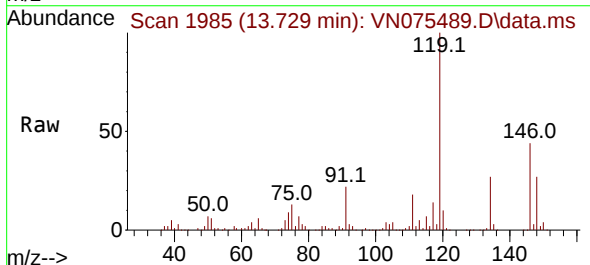
Manual Integrations
 APPROVED

Reviewed By :John Carbone 12/01/2022
 Supervised By :Mahesh Dadoda 12/01/2022



#86
 p-Isopropyltoluene
 Concen: 56.821 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075489.D
 Acq: 30 Nov 2022 08:54

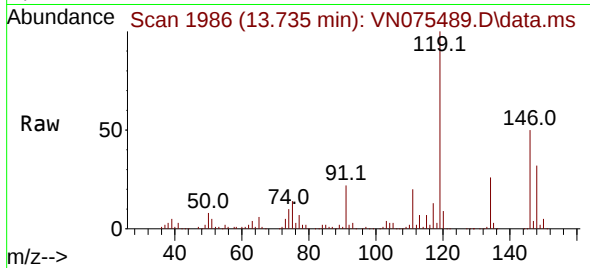
Tgt Ion:119 Resp: 420960
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.3
 91 22.4 11.9 35.5





#87
 1,3-Dichlorobenzene
 Concen: 52.449 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075489.D
 Acq: 30 Nov 2022 08:54

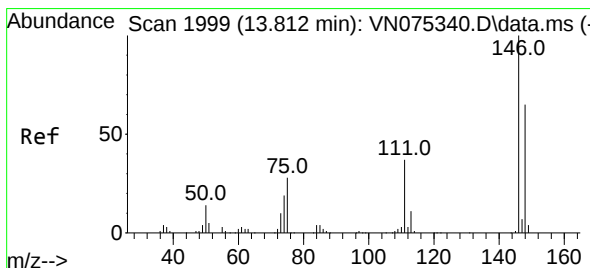
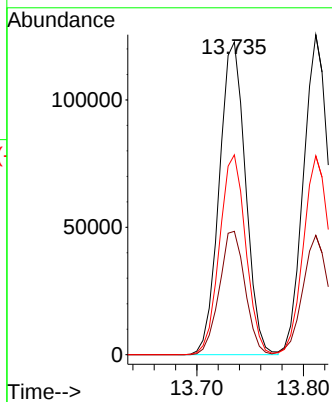
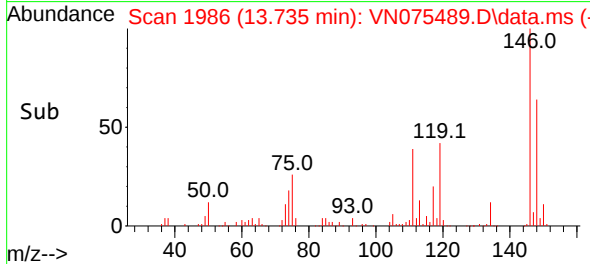
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



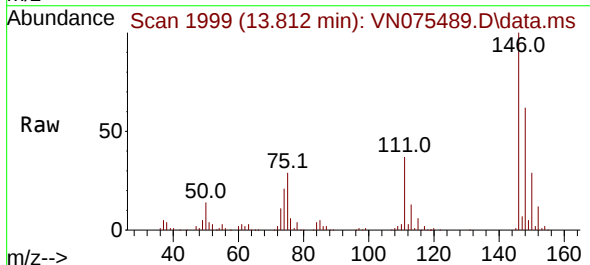
Tgt Ion:146 Resp: 21018
 Ion Ratio Lower Upper
 146 100
 111 38.8 20.8 62.5
 148 63.7 31.1 93.5

Manual Integrations
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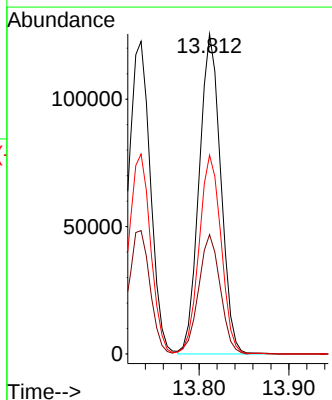
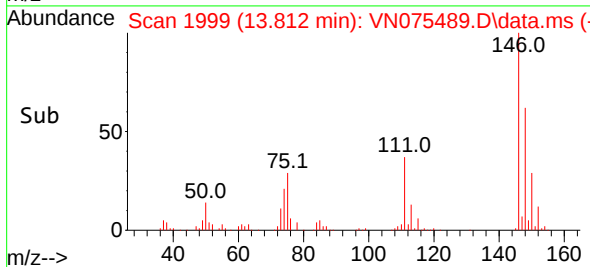
Reviewed By :John Carbone 12/01/2022
 Supervised By :Mahesh Dadoda 12/01/2022

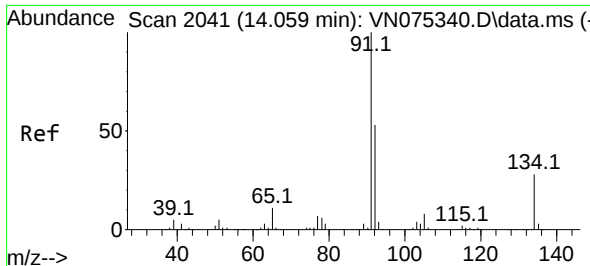


#88
 1,4-Dichlorobenzene
 Concen: 51.574 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN075489.D
 Acq: 30 Nov 2022 08:54



Tgt Ion:146 Resp: 209945
 Ion Ratio Lower Upper
 146 100
 111 37.3 20.1 60.3
 148 63.4 31.9 95.7





#89

n-Butylbenzene

Concen: 53.870 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075489.D

Acq: 30 Nov 2022 08:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 337074

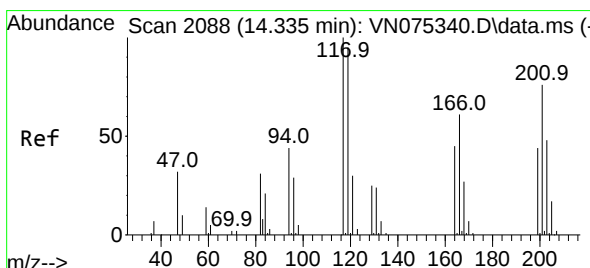
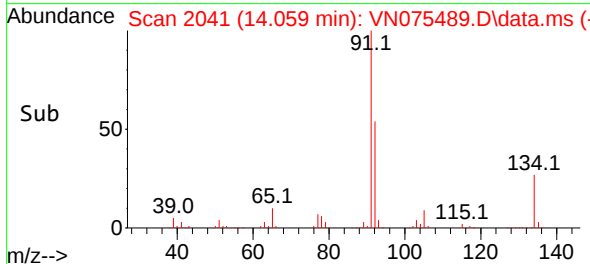
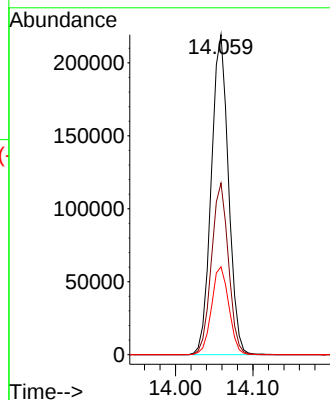
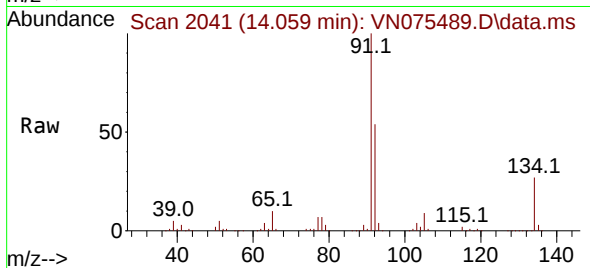
Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.5	79.4
134	27.8	13.0	39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#90

Hexachloroethane

Concen: 56.691 ug/l

RT: 14.335 min Scan# 2088

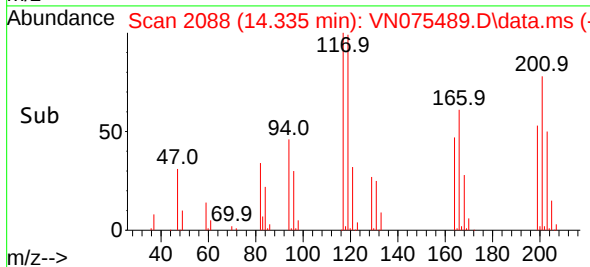
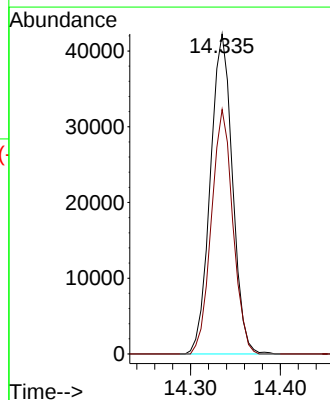
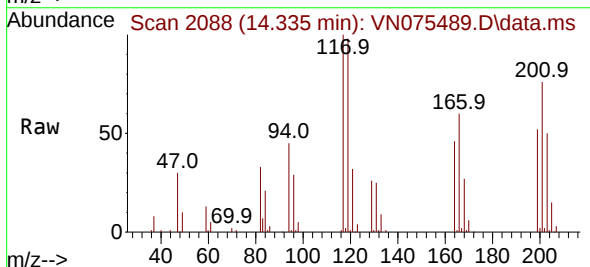
Delta R.T. 0.000 min

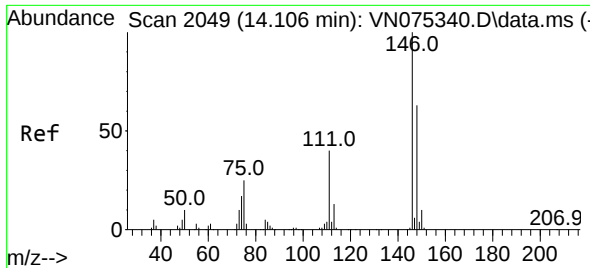
Lab File: VN075489.D

Acq: 30 Nov 2022 08:54

Tgt Ion:117 Resp: 72455

Ion	Ratio	Lower	Upper
117	100		
201	74.0	31.5	94.5





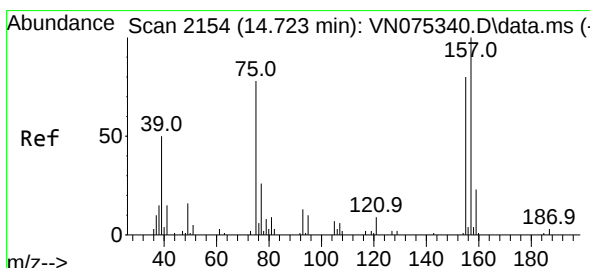
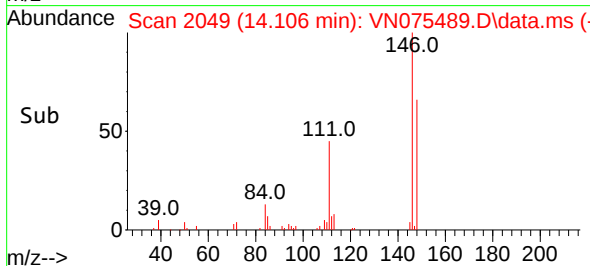
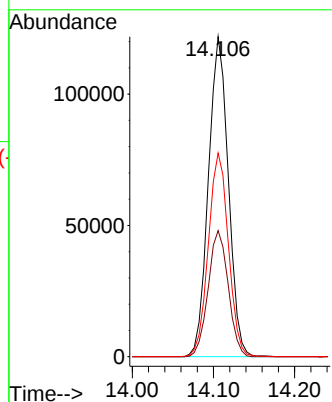
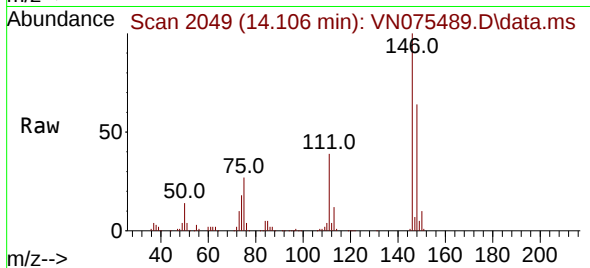
#91
1,2-Dichlorobenzene
Concen: 53.135 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 20755
Ion Ratio Lower Upper
146 100
111 39.6 21.3 63.9
148 64.1 31.4 94.2

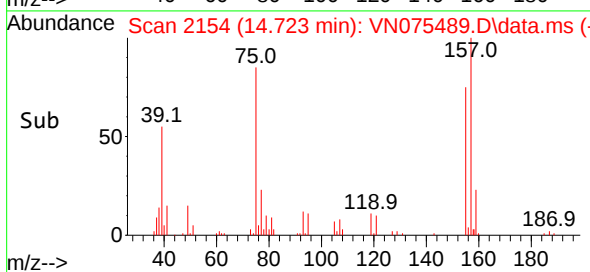
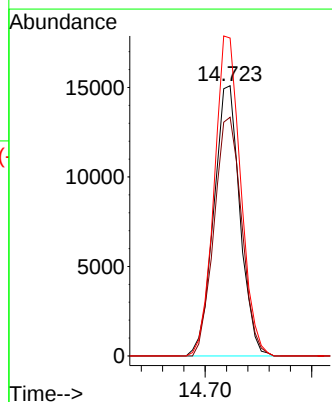
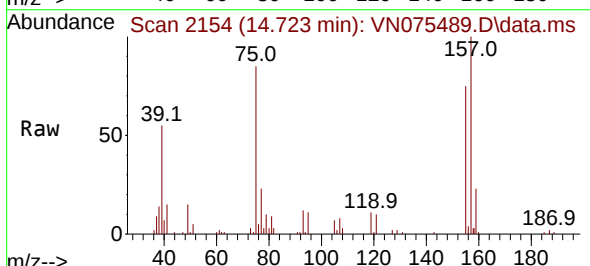
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.963 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

Tgt Ion: 75 Resp: 25710
Ion Ratio Lower Upper
75 100
155 93.2 42.1 126.3
157 119.5 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 52.176 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075489.D

Acq: 30 Nov 2022 08:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

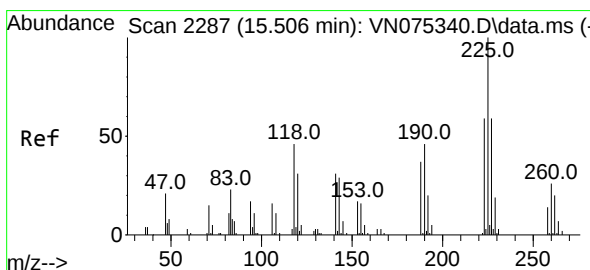
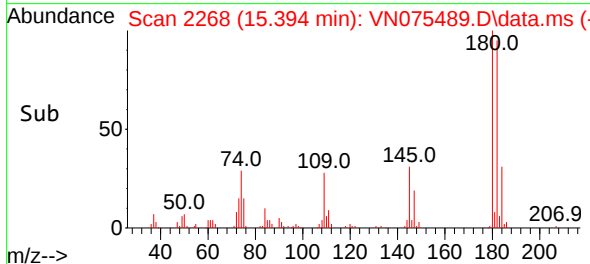
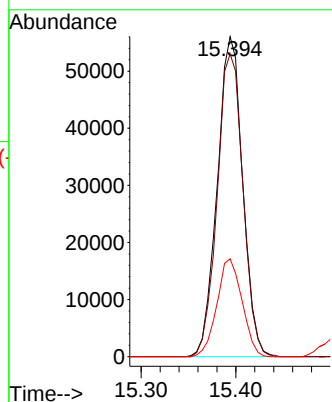
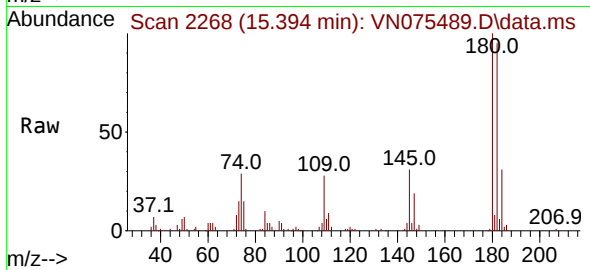
Tgt Ion:180 Resp: 10444
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.8 143.4
 145 30.2 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#94

Hexachlorobutadiene

Concen: 53.123 ug/l

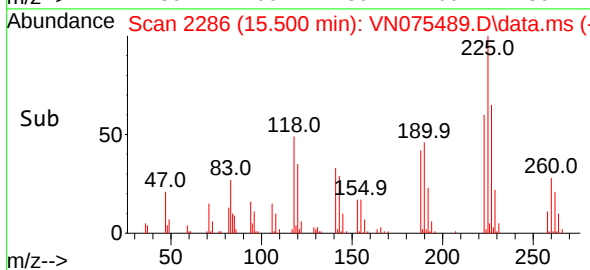
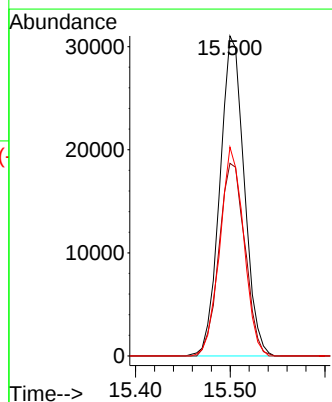
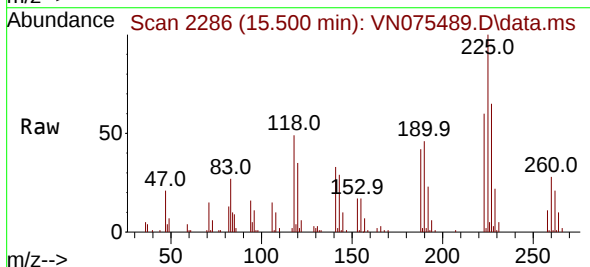
RT: 15.500 min Scan# 2286

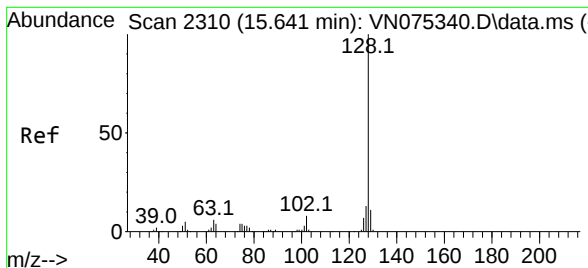
Delta R.T. -0.006 min

Lab File: VN075489.D

Acq: 30 Nov 2022 08:54

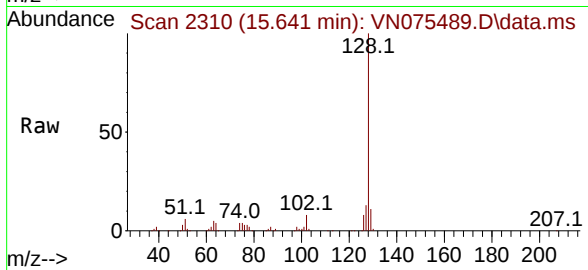
Tgt Ion:225 Resp: 55390
 Ion Ratio Lower Upper
 225 100
 223 64.2 32.3 96.9
 227 63.9 32.0 96.2





#95
Naphthalene
Concen: 50.224 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54

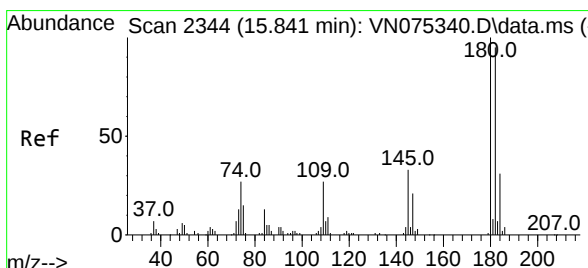
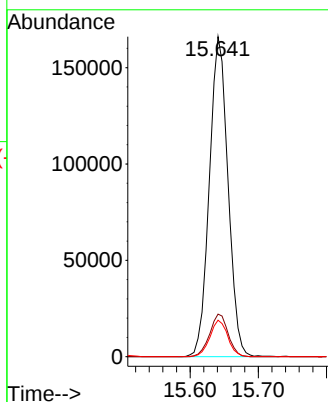
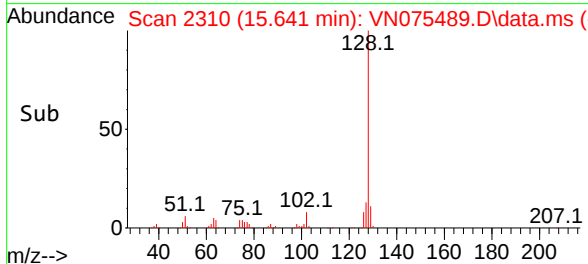
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



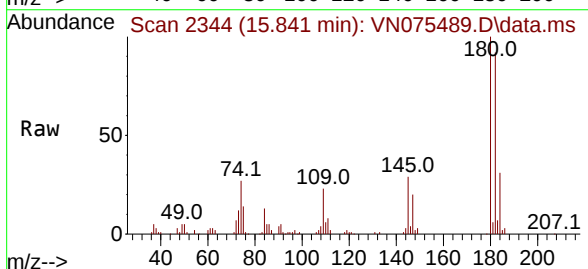
Tgt Ion:128 Resp: 31628
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#96
1,2,3-Trichlorobenzene
Concen: 52.357 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075489.D
Acq: 30 Nov 2022 08:54



Tgt Ion:180 Resp: 103009
Ion Ratio Lower Upper
180 100
182 94.5 47.3 141.8
145 32.1 17.6 52.9

