

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120222\
 Data File : VN075523.D
 Acq On : 02 Dec 2022 11:23
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 03 00:23:29 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

Manual Integrations APPROVED

Reviewed By : John Carlone 12/05/2022
 Supervised By : Mahesh Dadoda 12/05/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	135682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	220451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	212209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	38158	52.392	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.780%			
35) Dibromofluoromethane	8.171	113	48020	55.450	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.900%			
50) Toluene-d8	10.571	98	101625	52.102	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.200%			
62) 4-Bromofluorobenzene	12.853	95	80369	55.825	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.640%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	53630	51.691	ug/l	98
3) Chloromethane	2.371	50	65691	50.885	ug/l	95
4) Vinyl Chloride	2.524	62	79032	48.575	ug/l	92
5) Bromomethane	2.942	94	80375	56.178	ug/l	99
6) Chloroethane	3.118	64	61055	49.525	ug/l	95
7) Trichlorofluoromethane	3.500	101	115679	49.769	ug/l	100
8) Diethyl Ether	3.965	74	46082	56.567	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.383	101	67474	52.585	ug/l	94
10) Methyl Iodide	4.595	142	115588	55.592	ug/l	96
11) Tert butyl alcohol	5.530	59	63856	208.856	ug/l	98
12) 1,1-Dichloroethene	4.348	96	64205	51.099	ug/l	91
13) Acrolein	4.189	56	67951	255.119	ug/l	96
14) Allyl chloride	5.036	41	87156m	53.625	ug/l	
15) Acrylonitrile	5.736	53	185967	265.116	ug/l	98
16) Acetone	4.436	43	164315	241.872	ug/l	95
17) Carbon Disulfide	4.724	76	159469	48.836	ug/l	99
18) Methyl Acetate	5.030	43	95275	55.780	ug/l	95
19) Methyl tert-butyl Ether	5.800	73	242852	54.560	ug/l	97
20) Methylene Chloride	5.283	84	80042	58.315	ug/l	89
21) trans-1,2-Dichloroethene	5.794	96	73007	50.984	ug/l	93
22) Diisopropyl ether	6.677	45	203544	54.880	ug/l	99
23) Vinyl Acetate	6.606	43	740377	250.919	ug/l	100
24) 1,1-Dichloroethane	6.577	63	129615	54.445	ug/l	98
25) 2-Butanone	7.488	43	236776	249.644	ug/l	98
26) 2,2-Dichloropropane	7.494	77	110853	50.103	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	91873	56.741	ug/l	92
28) Bromochloromethane	7.824	49	49260	50.976	ug/l	83
29) Tetrahydrofuran	7.841	42	152822	264.896	ug/l	97
30) Chloroform	7.971	83	145788	53.327	ug/l	98
31) Cyclohexane	8.259	56	108198	46.758	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	129564	52.196	ug/l	96
36) 1,1-Dichloropropene	8.377	75	100104	53.006	ug/l	97
37) Ethyl Acetate	7.565	43	94512	55.579	ug/l	99
38) Carbon Tetrachloride	8.365	117	115817	55.826	ug/l	98
39) Methylcyclohexane	9.600	83	126937	53.705	ug/l	99
40) Benzene	8.612	78	322898	55.844	ug/l	99

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Manual Integrations
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 Supervised By :Mahesh Dadoda 12/05/2022

Quant Time: Dec 03 00:23:29 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)
41) Methacrylonitrile	7.788	41	47509	54.646	ug/l	92
42) 1,2-Dichloroethane	8.677	62	111486	57.570	ug/l	95
43) Isopropyl Acetate	8.694	43	155058	56.808	ug/l	97
44) Trichloroethene	9.353	130	85500	54.040	ug/l	95
45) 1,2-Dichloropropane	9.624	63	76800	55.736	ug/l	97
46) Dibromomethane	9.706	93	60863	58.397	ug/l	91
47) Bromodichloromethane	9.888	83	116271	57.608	ug/l	98
48) Methyl methacrylate	9.682	41	71689	56.801	ug/l	96
49) 1,4-Dioxane	9.694	88	37873	1056.768	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	491427	282.674	ug/l	97
52) Toluene	10.629	92	216552	58.118	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	123043	60.725	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	132481	60.199	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	89204	58.779	ug/l	95
56) Ethyl methacrylate	10.876	69	124635	60.812	ug/l	97
57) 1,3-Dichloropropane	11.165	76	143159	57.853	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	206021	278.722	ug/l	97
59) 2-Hexanone	11.200	43	362380	277.592	ug/l	97
60) Dibromochloromethane	11.359	129	100551	64.549	ug/l	99
61) 1,2-Dibromoethane	11.471	107	93715	59.495	ug/l	99
64) Tetrachloroethene	11.106	164	79018	48.760	ug/l	91
65) Chlorobenzene	11.894	112	236452	53.954	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	92292	56.426	ug/l	98
67) Ethyl Benzene	11.965	91	414329	55.416	ug/l	97
68) m/p-Xylenes	12.071	106	340159	112.034	ug/l	98
69) o-Xylene	12.400	106	166350	55.143	ug/l	98
70) Styrene	12.412	104	278413	58.504	ug/l	98
71) Bromoform	12.582	173	74032	59.470	ug/l #	99
73) Isopropylbenzene	12.700	105	419105	53.557	ug/l	98
74) N-amyl acetate	12.494	43	134842	56.049	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	132685	55.615	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	112845m	55.722	ug/l	
77) Bromobenzene	12.982	156	106547	55.151	ug/l	85
78) n-propylbenzene	13.035	91	476494	54.562	ug/l	99
79) 2-Chlorotoluene	13.123	91	294588	55.985	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	366484	56.370	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	40886	59.735	ug/l	99
82) 4-Chlorotoluene	13.123	91	294588	55.985	ug/l	97
83) tert-Butylbenzene	13.441	119	318304	53.698	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	373687	57.303	ug/l	97
85) sec-Butylbenzene	13.617	105	440700	54.793	ug/l	98
86) p-Isopropyltoluene	13.729	119	387868	57.317	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	203955	55.720	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	204382	54.967	ug/l	98
89) n-Butylbenzene	14.059	91	308726	54.016	ug/l	99
90) Hexachloroethane	14.335	117	66828	57.245	ug/l	82
91) 1,2-Dichlorobenzene	14.106	146	202066	56.633	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	24555	54.333	ug/l	78
93) 1,2,4-Trichlorobenzene	15.394	180	104487	57.145	ug/l	99
94) Hexachlorobutadiene	15.500	225	51130	53.685	ug/l	97
95) Naphthalene	15.641	128	315048	54.769	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	99798	55.533	ug/l	97

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ClientSampleId :
VSTDCCC050

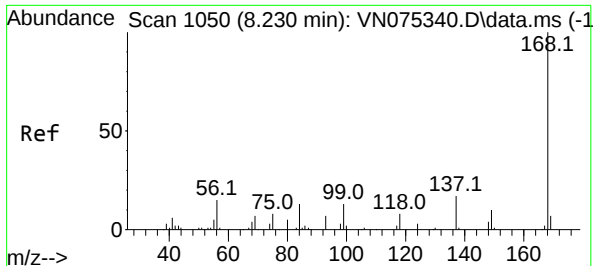
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

Quant Time: Dec 03 00:23:29 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



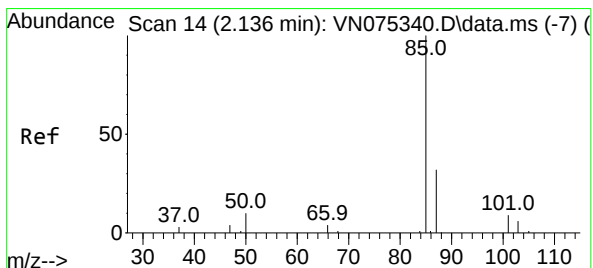
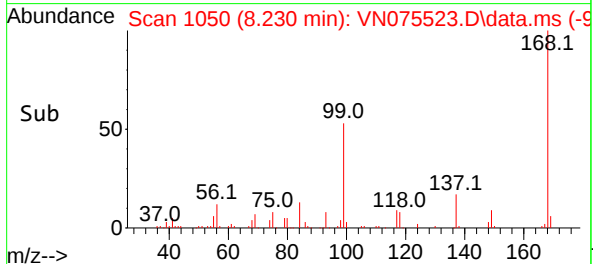
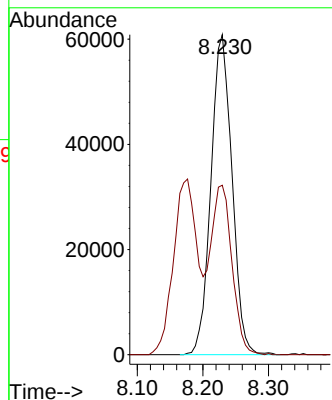
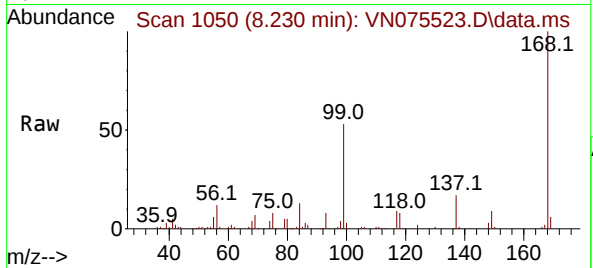
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 13568
Ion Ratio Lower Upper
168 100
99 52.9 51.6 77.4

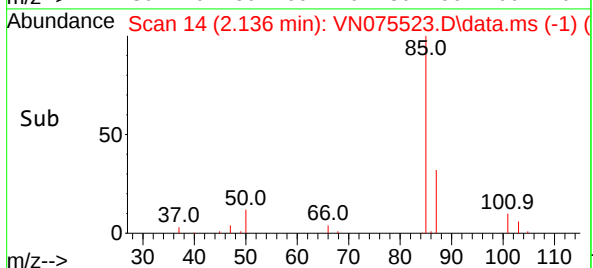
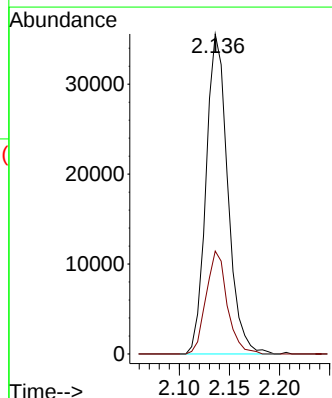
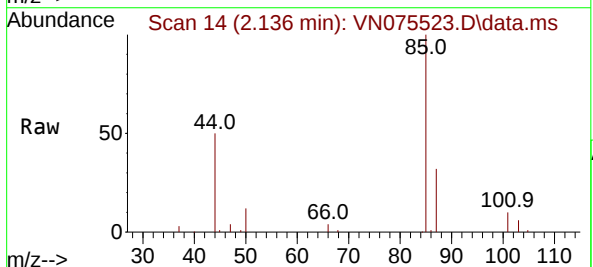
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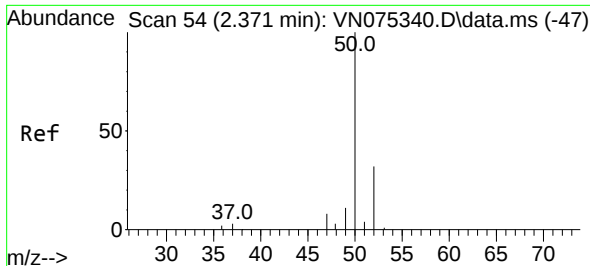
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#2
Dichlorodifluoromethane
Concen: 51.691 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

Tgt Ion: 85 Resp: 53630
Ion Ratio Lower Upper
85 100
87 32.1 16.7 50.0





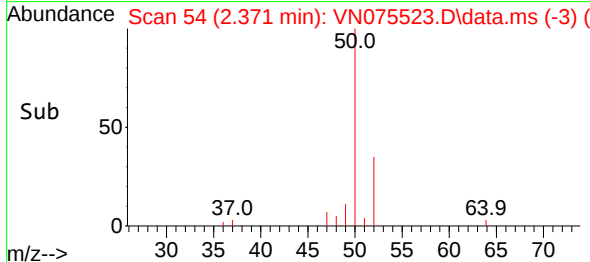
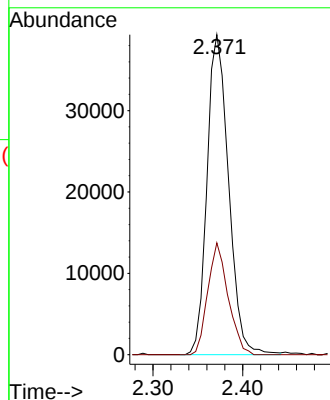
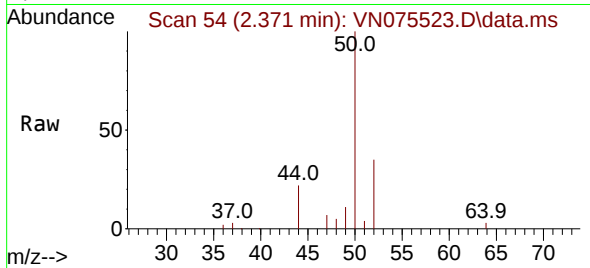
#3
Chloromethane
Concen: 50.885 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 6569
Ion Ratio Lower Upper
50 100
52 35.0 25.8 38.6

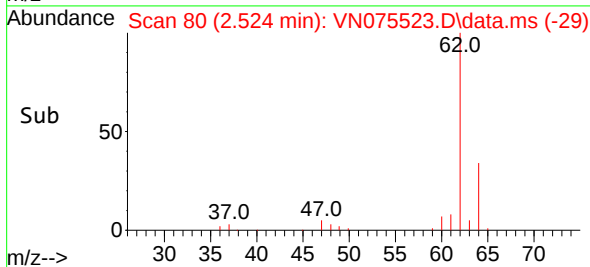
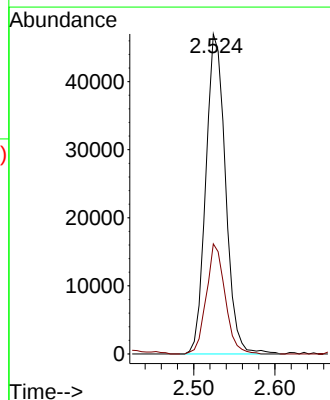
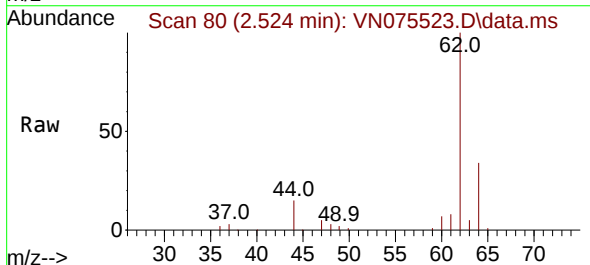
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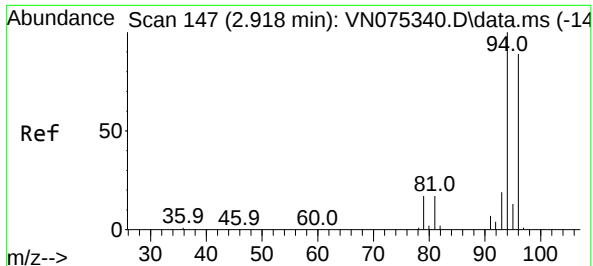
Reviewed By :John Carlone 12/05/2022
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#4
Vinyl Chloride
Concen: 48.575 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

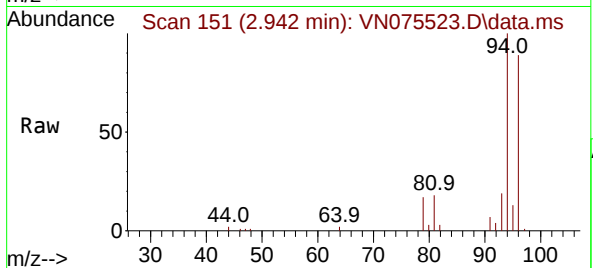
Tgt Ion: 62 Resp: 79032
Ion Ratio Lower Upper
62 100
64 34.4 24.0 36.0





#5
Bromomethane
Concen: 56.178 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

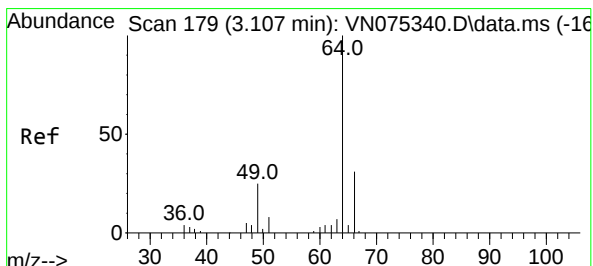
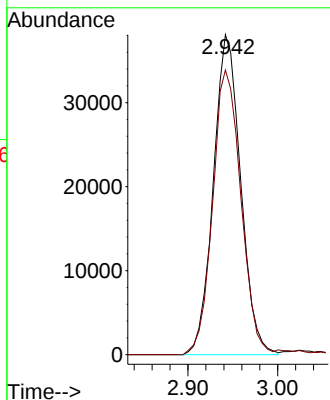
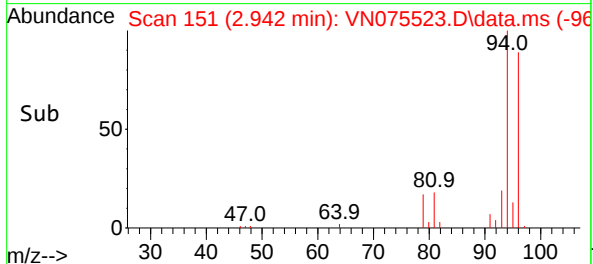
Instrument :
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VSTDCCC050



Tgt Ion: 94 Resp: 80375
Ion Ratio Lower Upper
94 100
96 88.9 71.8 107.6

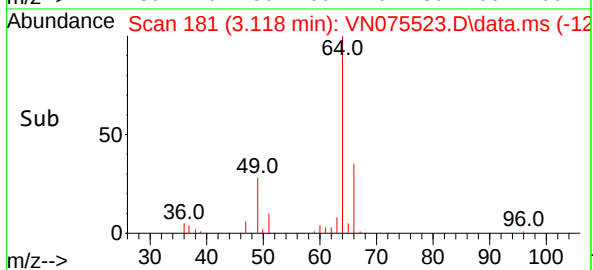
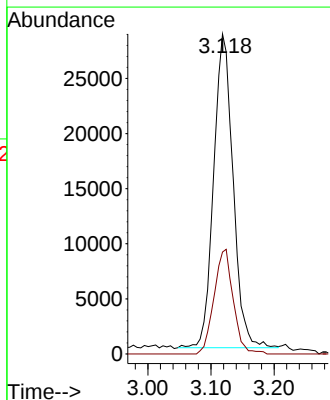
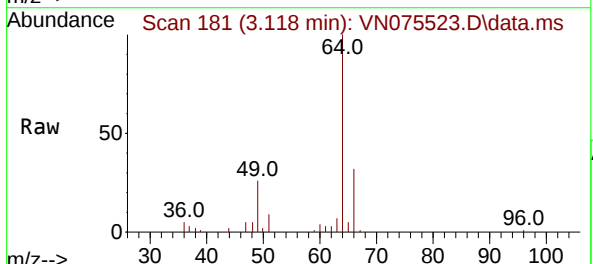
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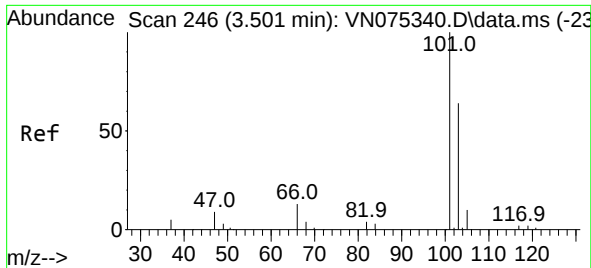
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#6
Chloroethane
Concen: 49.525 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.011 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

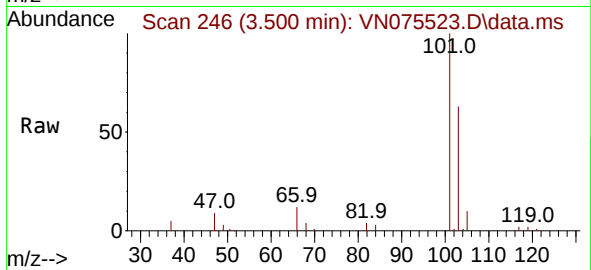
Tgt Ion: 64 Resp: 61055
Ion Ratio Lower Upper
64 100
66 32.5 23.8 35.8





#7
Trichlorofluoromethane
Concen: 49.769 ug/l
RT: 3.500 min Scan# 246
Delta R.T. -0.001 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

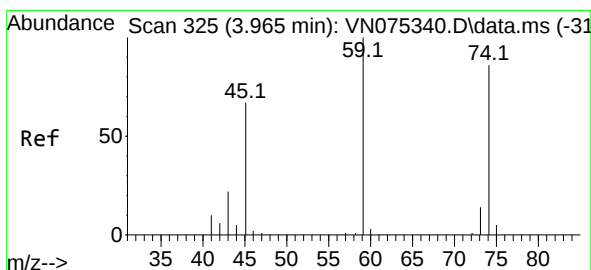
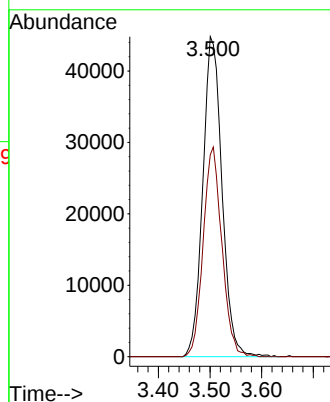
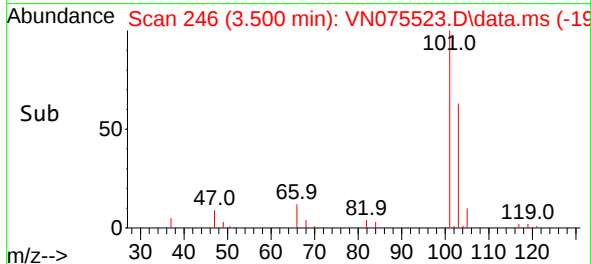
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 115679
Ion Ratio Lower Upper
101 100
103 63.1 50.5 75.7

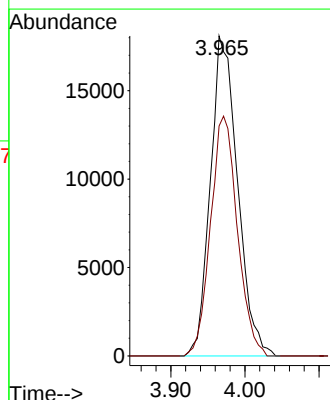
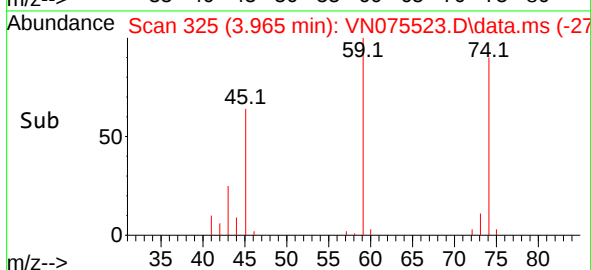
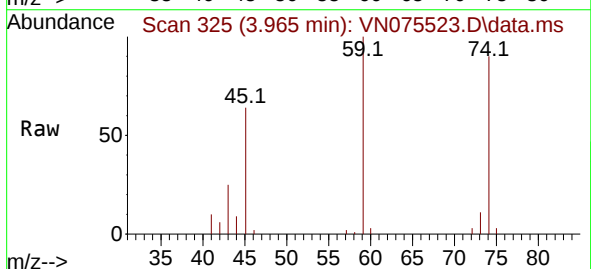
Manual Integrations
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Supervised By :Mahesh Dadoda 12/05/2022



#8
Diethyl Ether
Concen: 56.567 ug/l
RT: 3.965 min Scan# 325
Delta R.T. 0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

Tgt Ion: 74 Resp: 46082
Ion Ratio Lower Upper
74 100
45 74.0 39.3 117.9





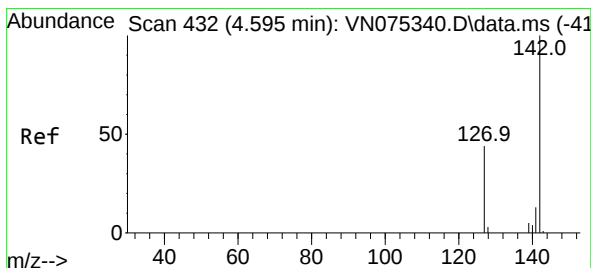
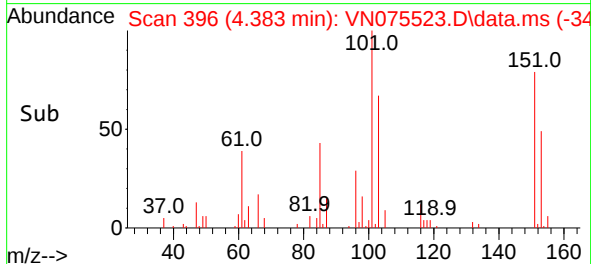
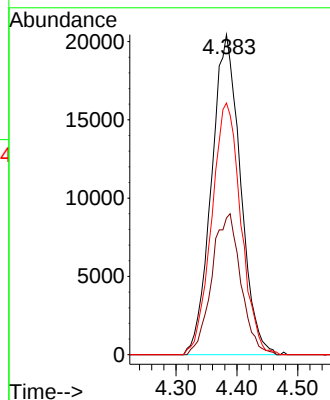
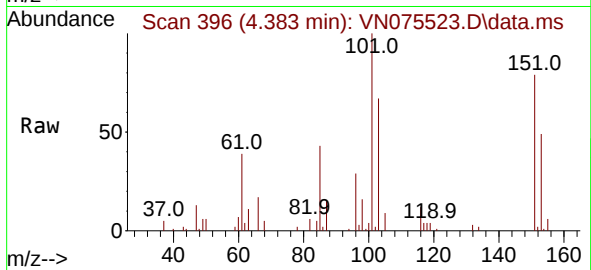
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.585 ug/l
RT: 4.383 min Scan# 395
Delta R.T. 0.006 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 67474
Ion Ratio Lower Upper
101 100
85 44.2 37.6 56.4
151 79.5 58.3 87.5

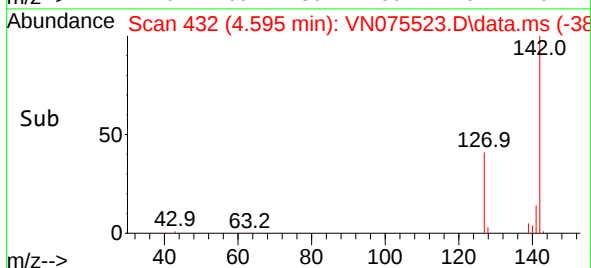
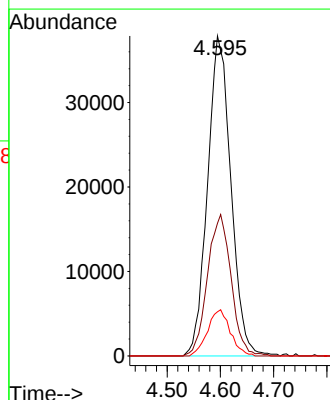
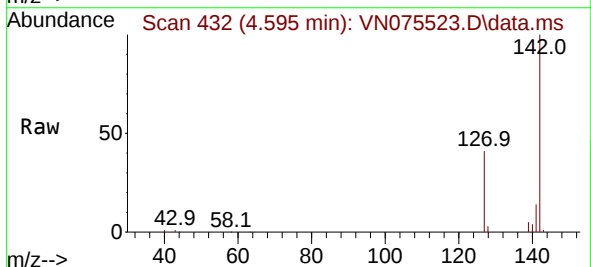
Manual Integrations
APPROVED

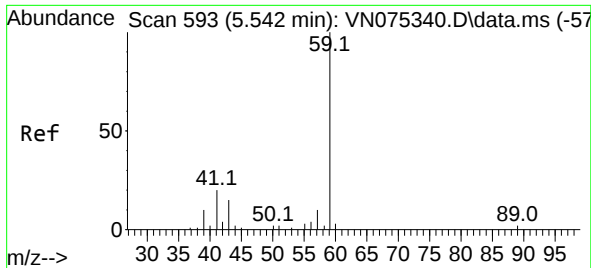
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#10
Methyl Iodide
Concen: 55.592 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

Tgt Ion:142 Resp: 115588
Ion Ratio Lower Upper
142 100
127 44.6 38.0 57.0
141 14.1 12.2 18.4





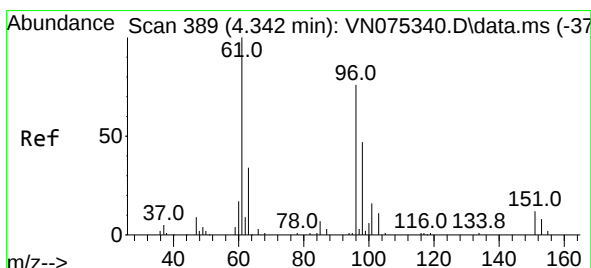
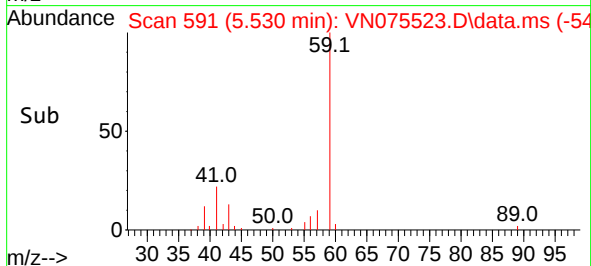
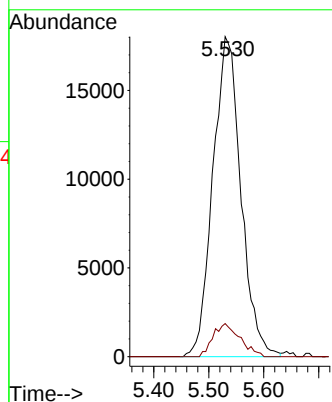
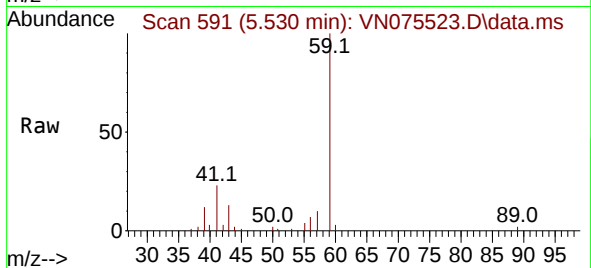
#11
Tert butyl alcohol
Concen: 208.856 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.012 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 63850
Ion Ratio Lower Upper
59 100
57 10.0 8.5 12.7

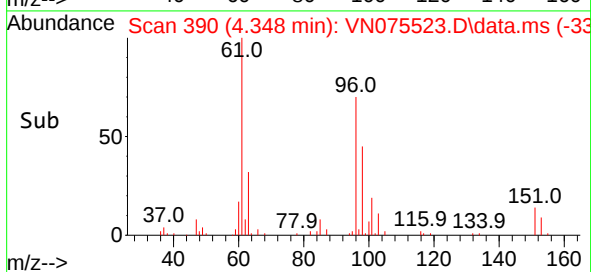
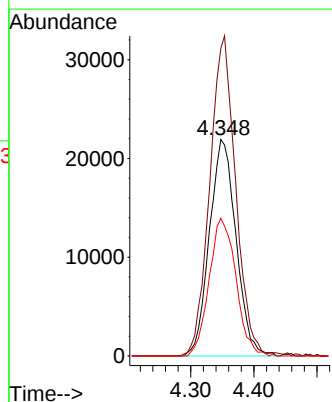
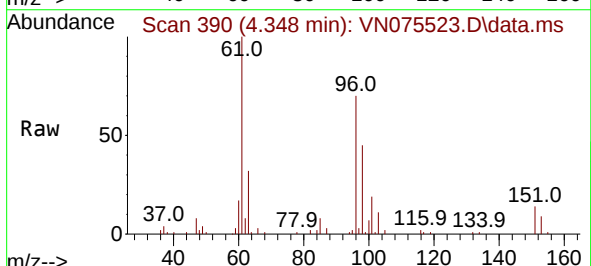
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#12
1,1-Dichloroethene
Concen: 51.099 ug/l
RT: 4.348 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

Tgt Ion: 96 Resp: 64205
Ion Ratio Lower Upper
96 100
61 142.1 126.2 189.4
98 63.5 51.5 77.3





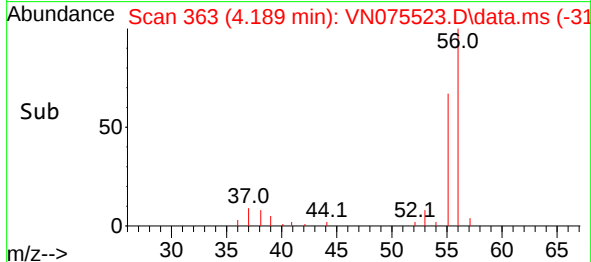
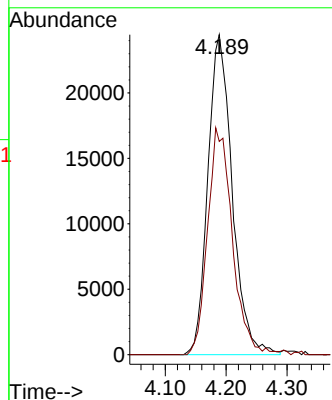
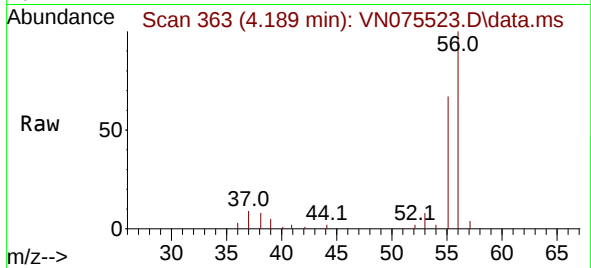
#13
Acrolein
Concen: 255.119 ug/l
RT: 4.189 min Scan# 362
Delta R.T. 0.006 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 6795
Ion Ratio Lower Upper
56 100
55 72.0 55.2 82.8

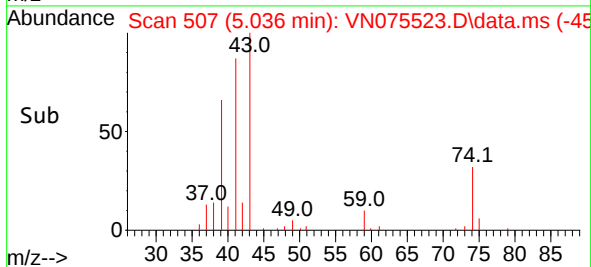
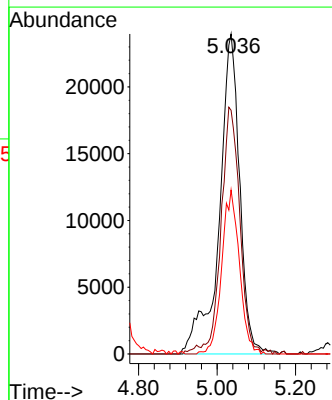
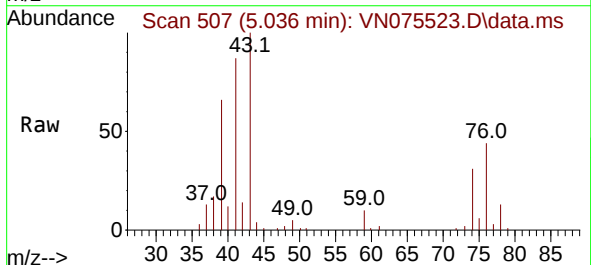
Manual Integrations
APPROVED

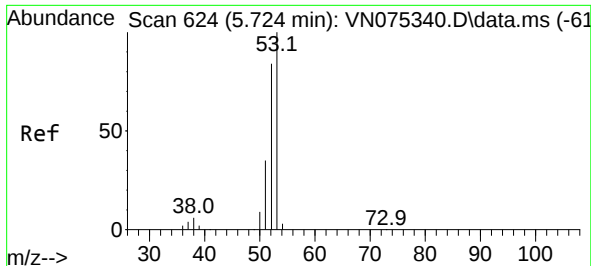
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#14
Allyl chloride
Concen: 53.625 ug/l m
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

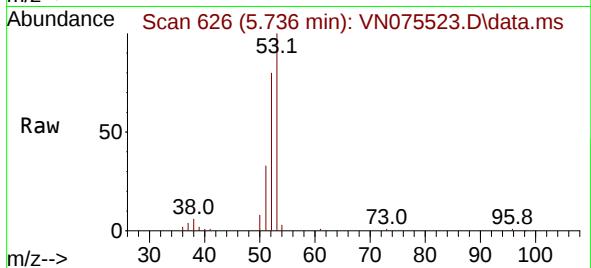
Tgt Ion: 41 Resp: 87156
Ion Ratio Lower Upper
41 100
39 71.1 61.0 91.4
76 44.2 33.4 50.0





#15
Acrylonitrile
Concen: 265.116 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

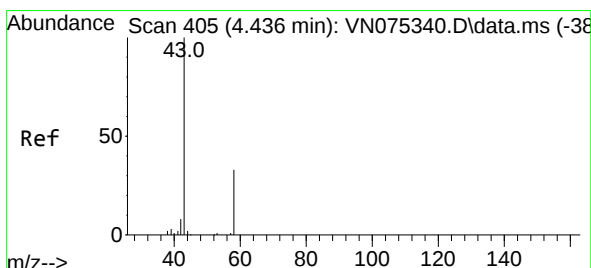
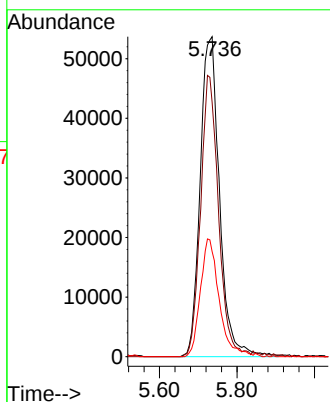
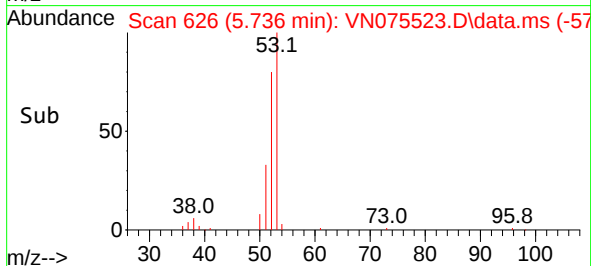
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



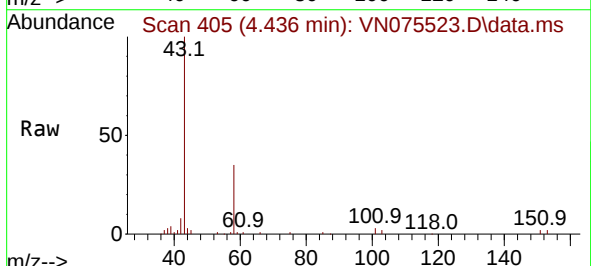
Tgt Ion: 53 Resp: 18596
Ion Ratio Lower Upper
53 100
52 81.1 66.4 99.6
51 35.8 29.6 44.4

Manual Integrations
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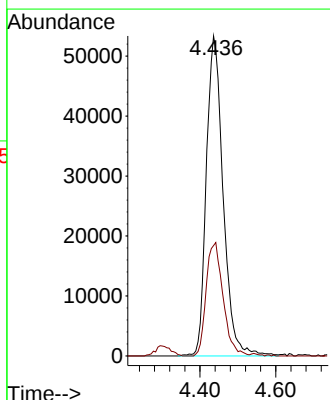
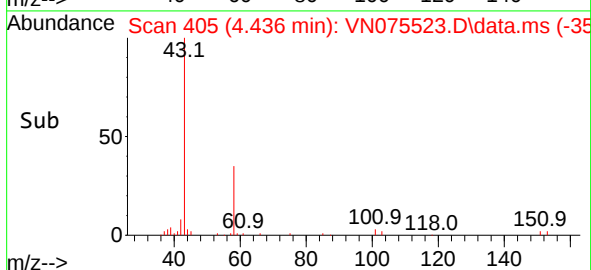
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

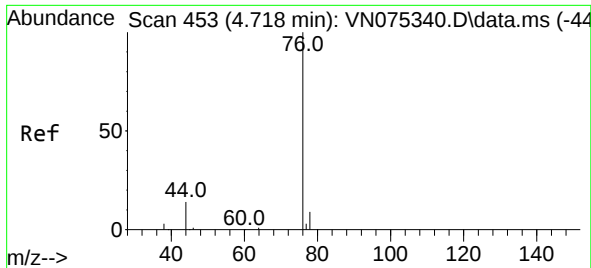


#16
Acetone
Concen: 241.872 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23



Tgt Ion: 43 Resp: 164315
Ion Ratio Lower Upper
43 100
58 34.5 25.5 38.3





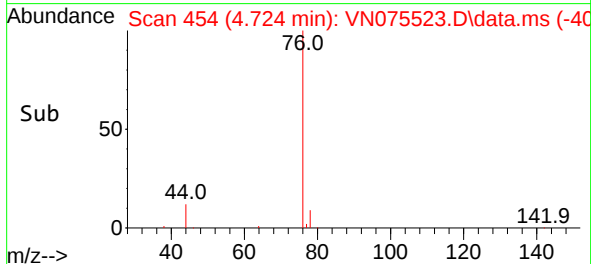
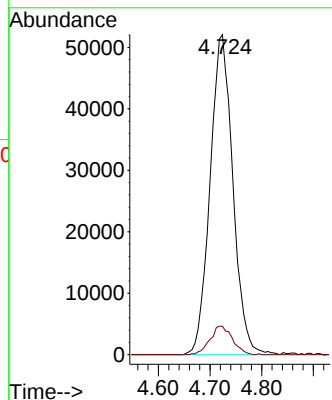
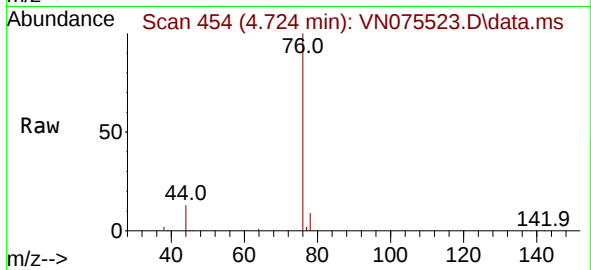
#17
Carbon Disulfide
Concen: 48.836 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 159469
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

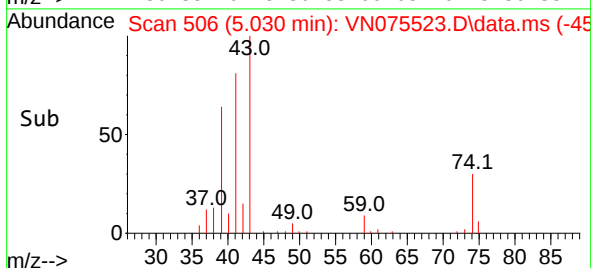
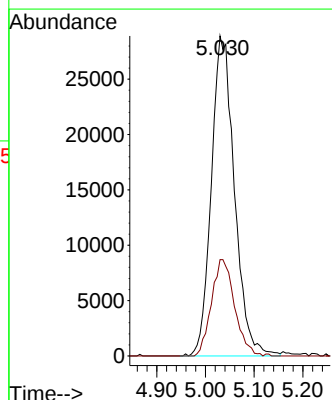
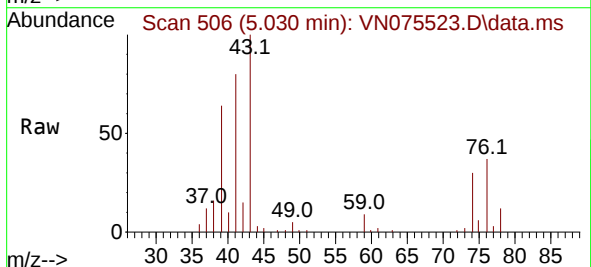
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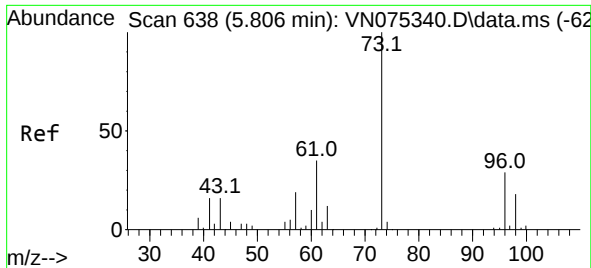
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#18
Methyl Acetate
Concen: 55.780 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

Tgt Ion: 43 Resp: 95275
Ion Ratio Lower Upper
43 100
74 30.1 22.0 33.0





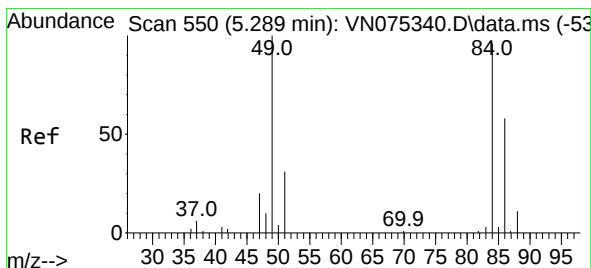
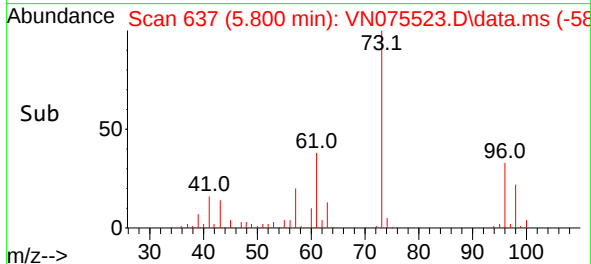
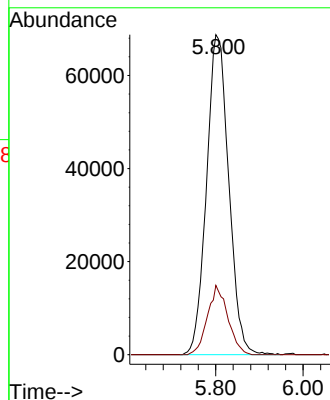
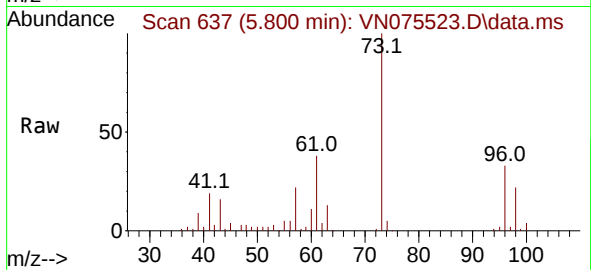
#19
Methyl tert-butyl Ether
Concen: 54.560 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 24285
Ion Ratio Lower Upper
73 100
57 21.7 16.3 24.5

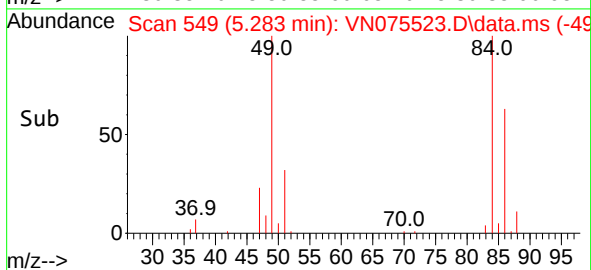
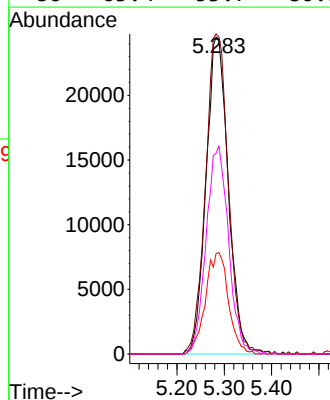
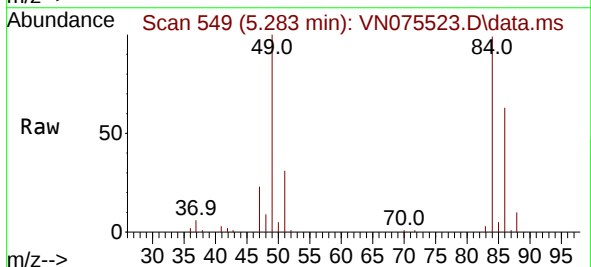
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#20
Methylene Chloride
Concen: 58.315 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

Tgt Ion: 84 Resp: 80042
Ion Ratio Lower Upper
84 100
49 100.9 94.9 142.3
51 31.6 26.8 40.2
86 63.4 53.7 80.5





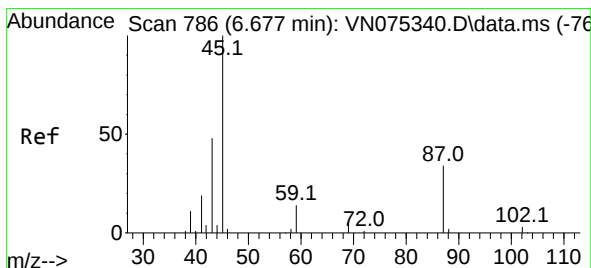
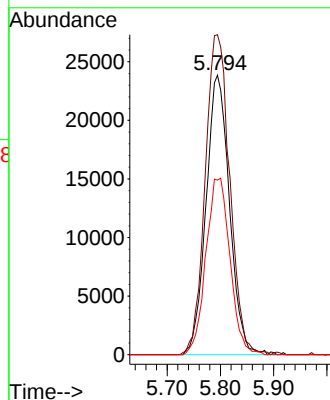
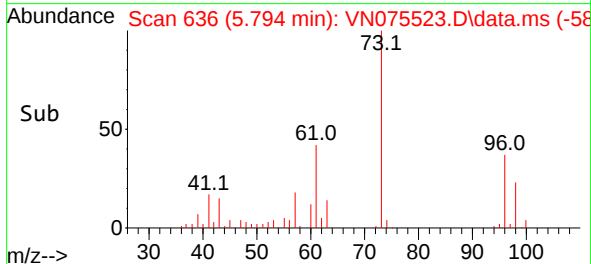
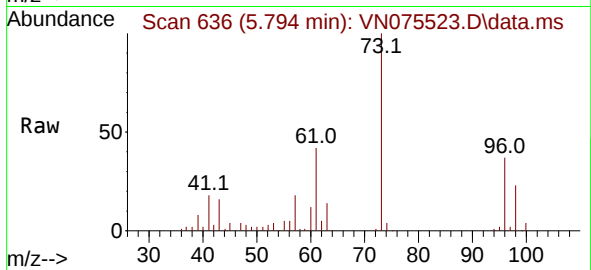
#21
trans-1,2-Dichloroethene
Concen: 50.984 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 7300
Ion Ratio Lower Upper
96 100
61 114.4 99.9 149.9
98 62.5 51.5 77.3

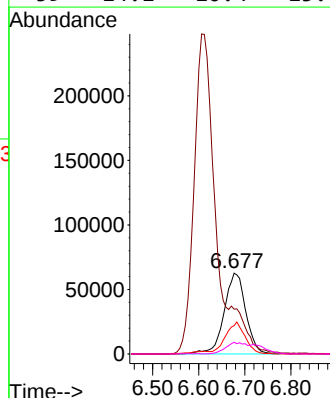
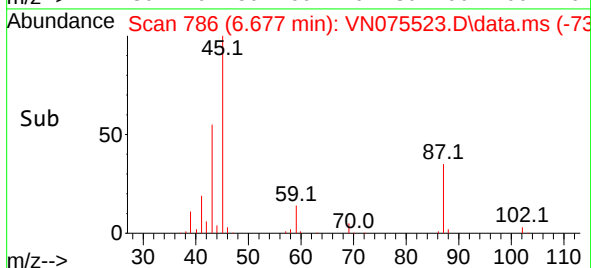
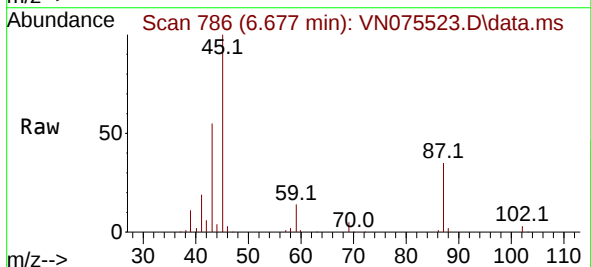
Manual Integrations
APPROVED

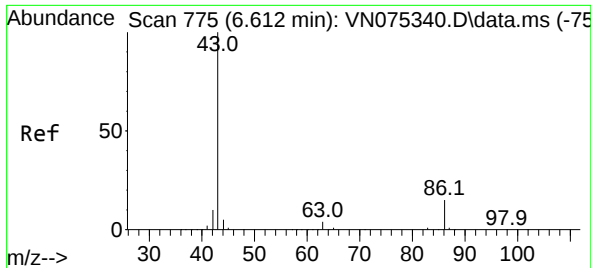
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#22
Diisopropyl ether
Concen: 54.880 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

Tgt Ion: 45 Resp: 203544
Ion Ratio Lower Upper
45 100
43 54.2 42.8 64.2
87 34.7 28.4 42.6
59 14.1 10.4 15.6





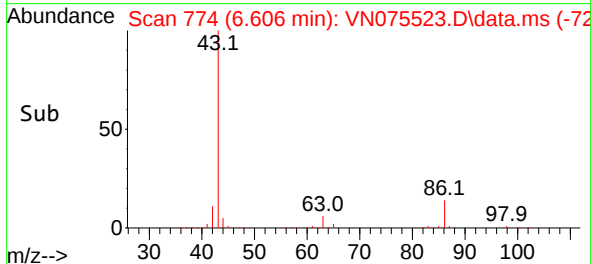
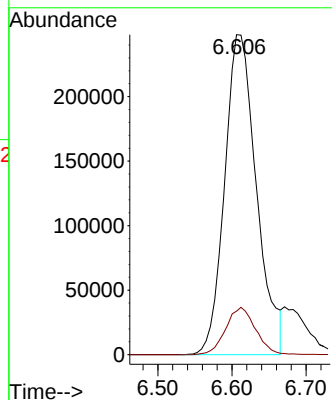
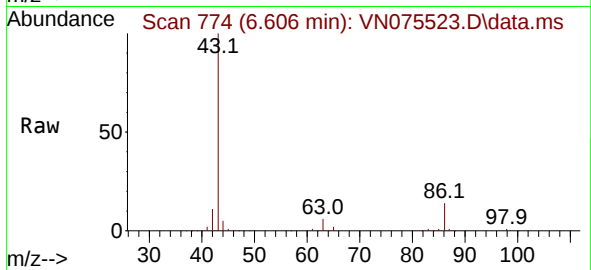
#23
 Vinyl Acetate
 Concen: 250.919 ug/l
 RT: 6.606 min Scan# 774
 Delta R.T. -0.006 min
 Lab File: VN075523.D
 Acq: 02 Dec 2022 11:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 74037
 Ion Ratio Lower Upper
 43 100
 86 13.6 10.7 16.1

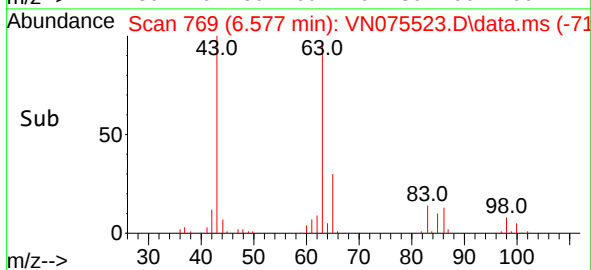
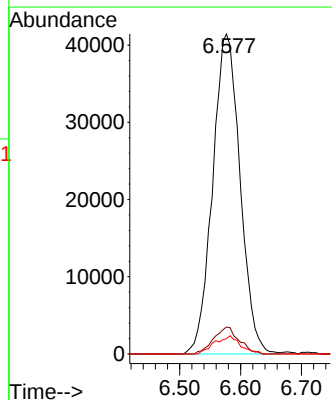
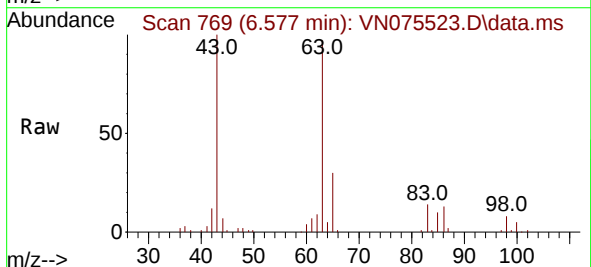
Manual Integrations
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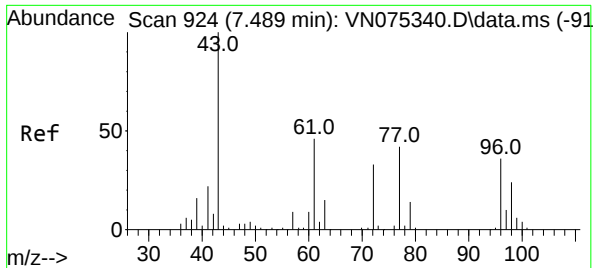
Reviewed By :John Carlone 12/05/2022
 Supervised By :Mahesh Dadoda 12/05/2022



#24
 1,1-Dichloroethane
 Concen: 54.445 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075523.D
 Acq: 02 Dec 2022 11:23

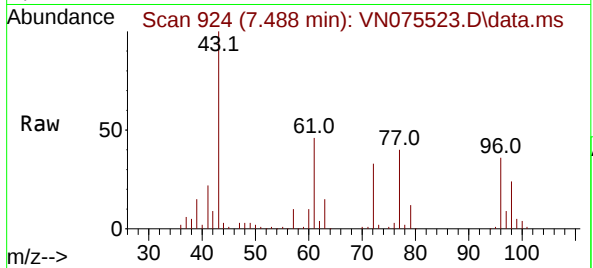
Tgt Ion: 63 Resp: 129615
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.6 10.8
 100 4.7 2.4 7.2





#25
2-Butanone
Concen: 249.644 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.001 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

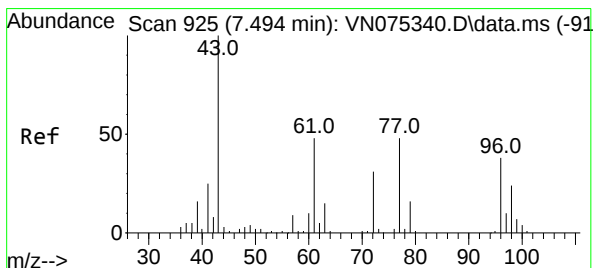
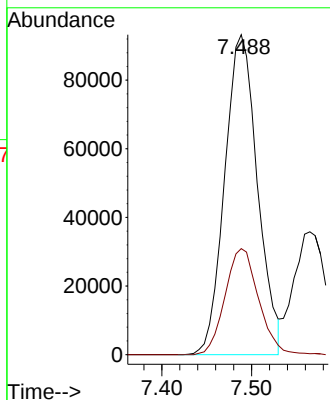
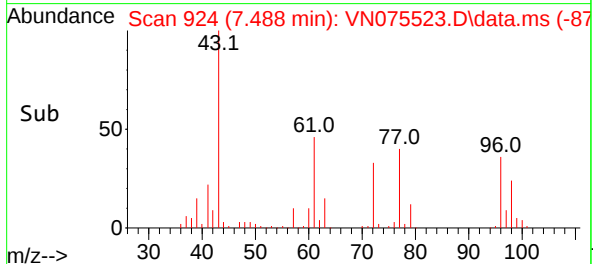
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



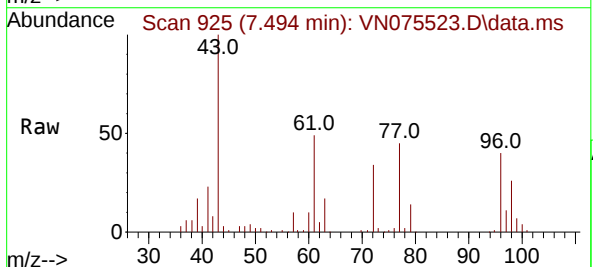
Tgt Ion: 43 Resp: 236776
Ion Ratio Lower Upper
43 100
72 33.1 25.5 38.3

Manual Integrations
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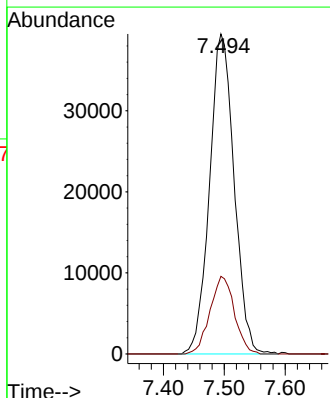
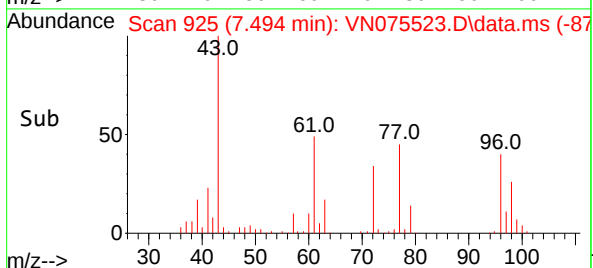
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

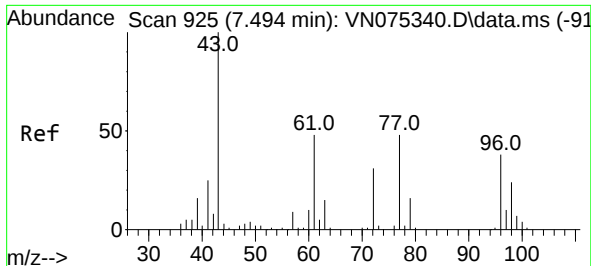


#26
2,2-Dichloropropane
Concen: 50.103 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23



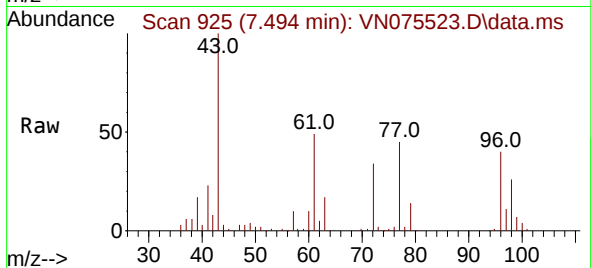
Tgt Ion: 77 Resp: 110853
Ion Ratio Lower Upper
77 100
97 24.0 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 56.741 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075523.D
 Acq: 02 Dec 2022 11:23

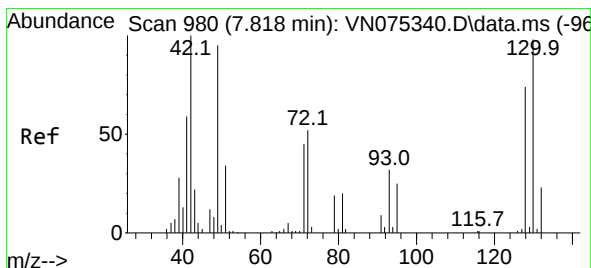
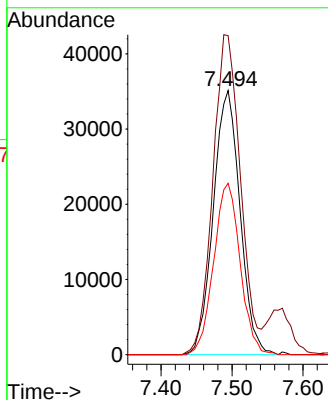
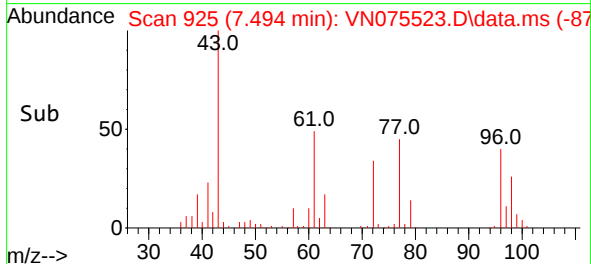
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



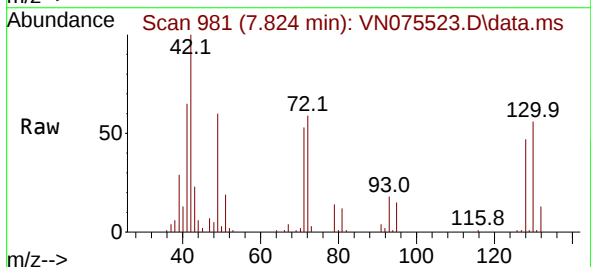
Tgt Ion: 96 Resp: 9187
 Ion Ratio Lower Upper
 96 100
 61 125.2 0.0 278.8
 98 64.2 0.0 128.4

Manual Integrations
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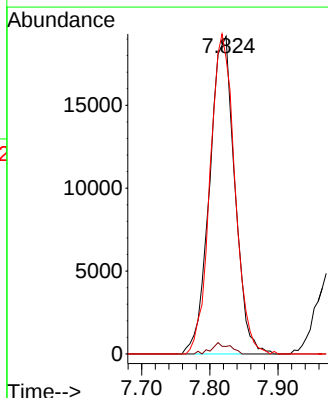
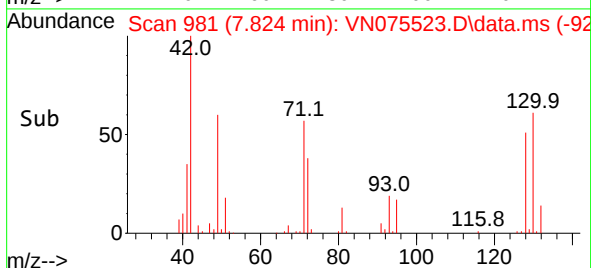
Reviewed By :John Carlone 12/05/2022
 Supervised By :Mahesh Dadoda 12/05/2022

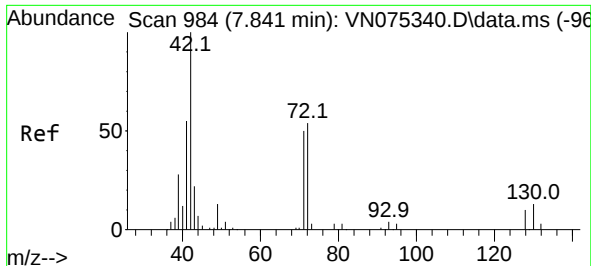


#28
 Bromochloromethane
 Concen: 50.976 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.006 min
 Lab File: VN075523.D
 Acq: 02 Dec 2022 11:23



Tgt Ion: 49 Resp: 49260
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.6
 130 98.9 66.2 99.4





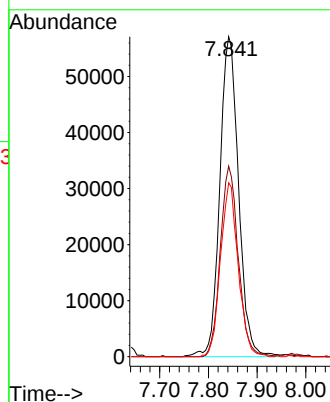
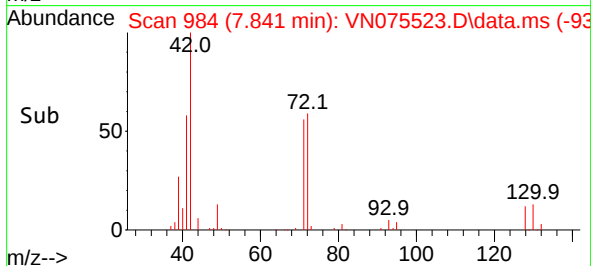
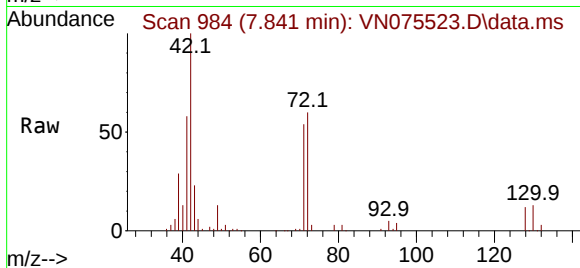
#29
Tetrahydrofuran
Concen: 264.896 ug/l
RT: 7.841 min Scan# 984
Delta R.T. 0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 15282
Ion Ratio Lower Upper
42 100
72 57.0 43.0 64.6
71 51.3 39.9 59.9

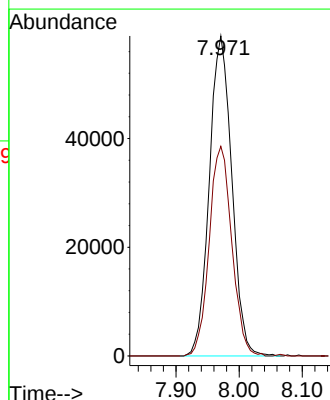
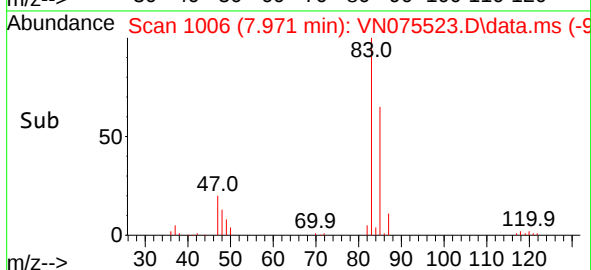
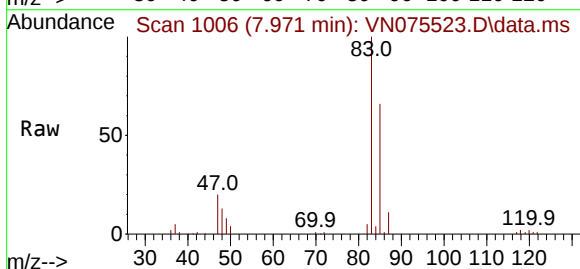
Manual Integrations
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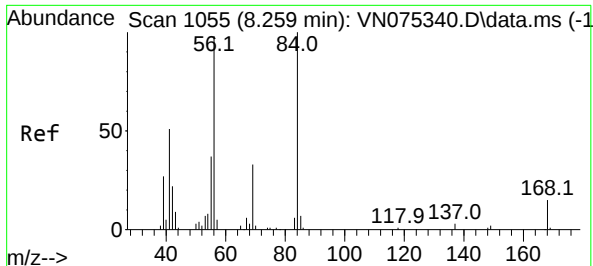
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#30
Chloroform
Concen: 53.327 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

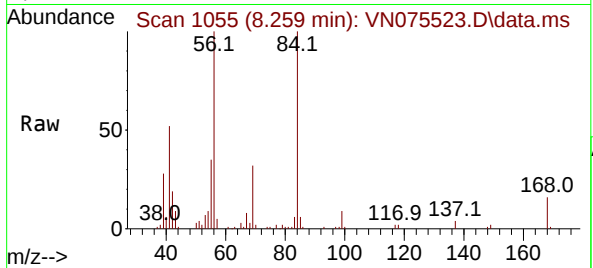
Tgt Ion: 83 Resp: 145788
Ion Ratio Lower Upper
83 100
85 65.5 51.4 77.0





#31
Cyclohexane
Concen: 46.758 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

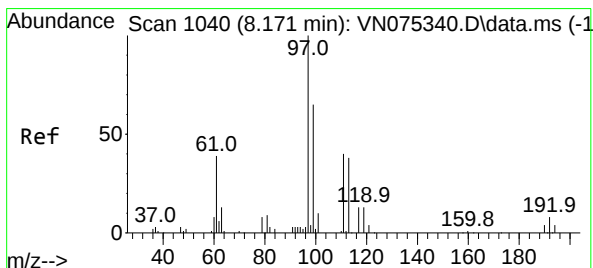
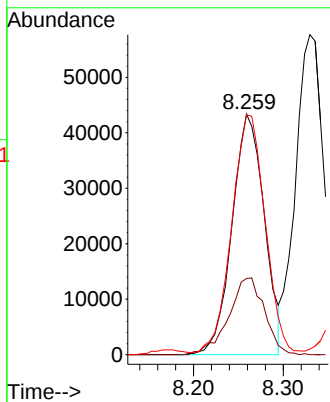
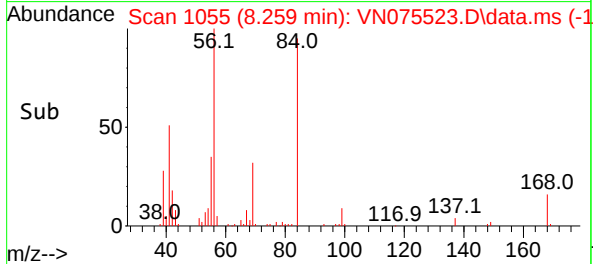
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 108198
Ion Ratio Lower Upper
56 100
69 31.6 25.2 37.8
84 98.1 77.8 116.8

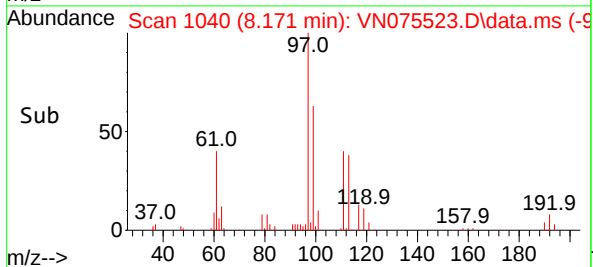
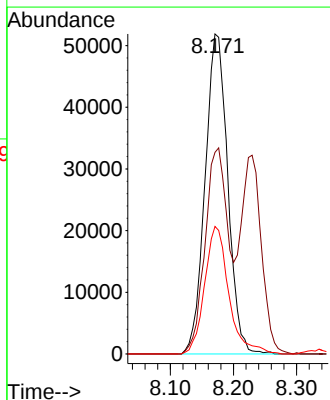
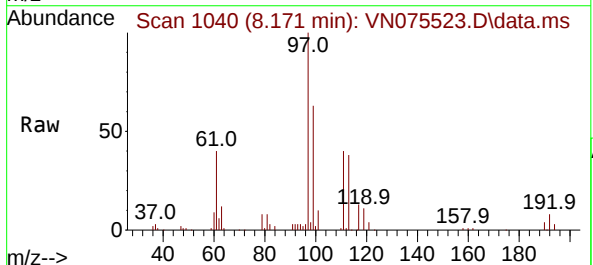
Manual Integrations
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Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#32
1,1,1-Trichloroethane
Concen: 52.196 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

Tgt Ion: 97 Resp: 129564
Ion Ratio Lower Upper
97 100
99 65.1 50.2 75.2
61 42.5 37.0 55.6





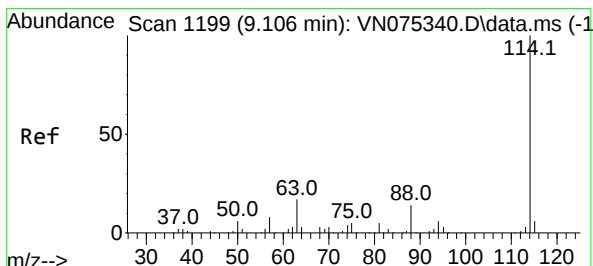
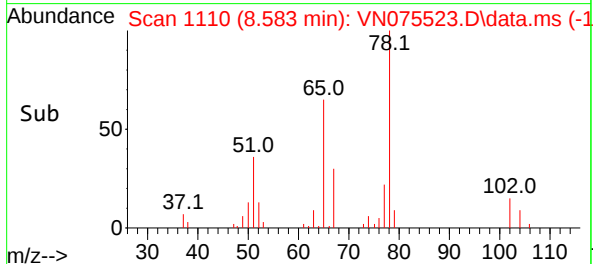
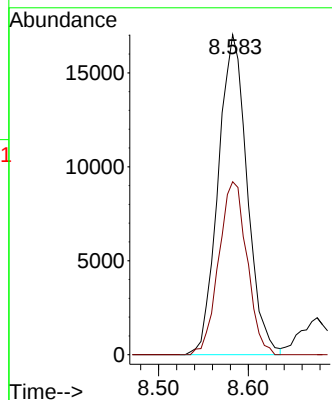
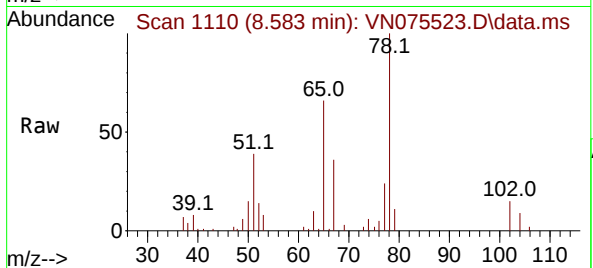
#33
1,2-Dichloroethane-d4
Concen: 52.392 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 3815
Ion Ratio Lower Upper
65 100
67 52.7 0.0 102.0

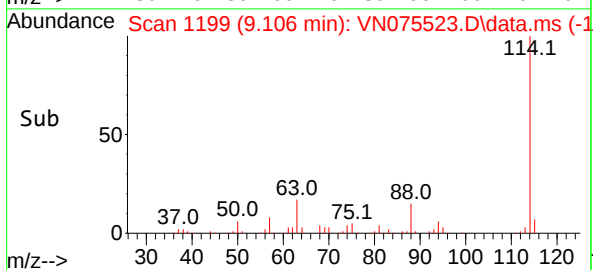
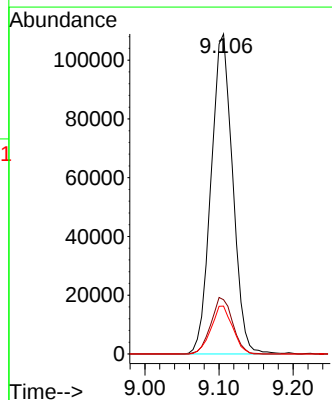
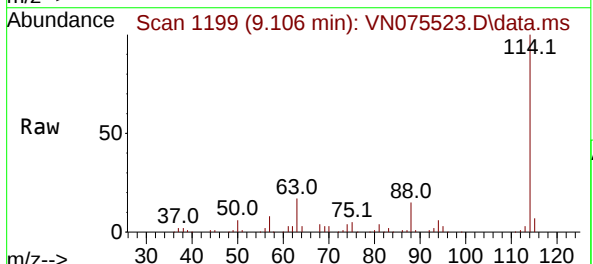
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

Tgt Ion:114 Resp: 220451
Ion Ratio Lower Upper
114 100
63 17.0 0.0 39.6
88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 55.450 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075523.D

Acq: 02 Dec 2022 11:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 48020

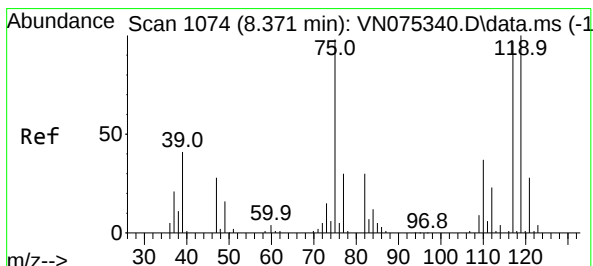
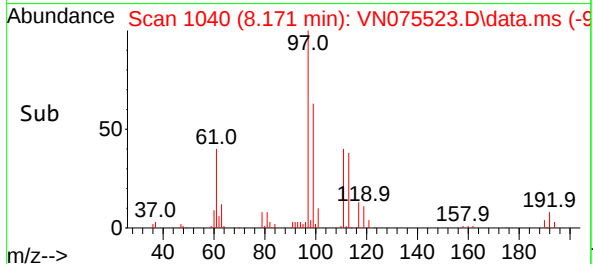
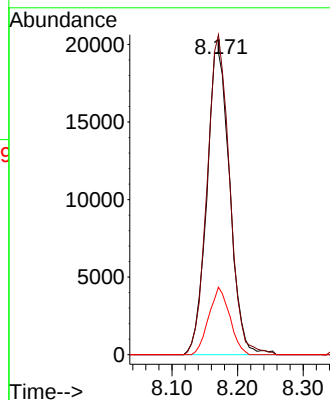
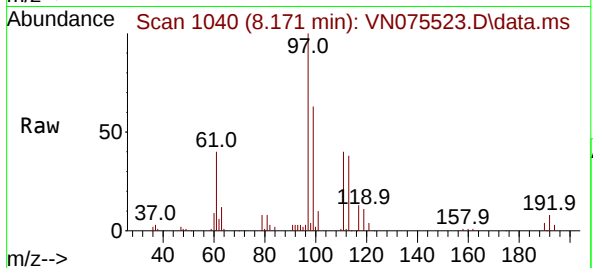
Ion	Ratio	Lower	Upper
113	100		
111	102.1	80.5	120.7
192	20.1	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#36

1,1-Dichloropropene

Concen: 53.006 ug/l

RT: 8.377 min Scan# 1075

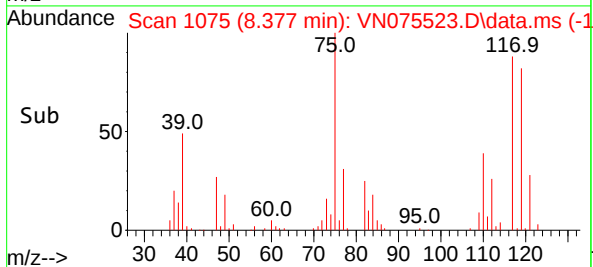
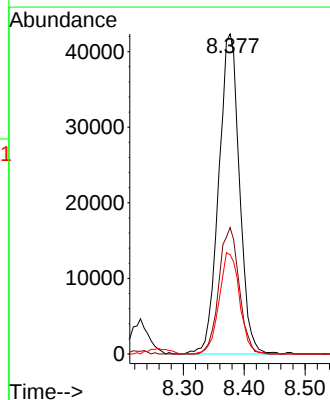
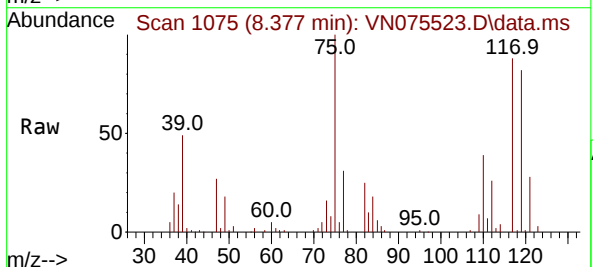
Delta R.T. 0.006 min

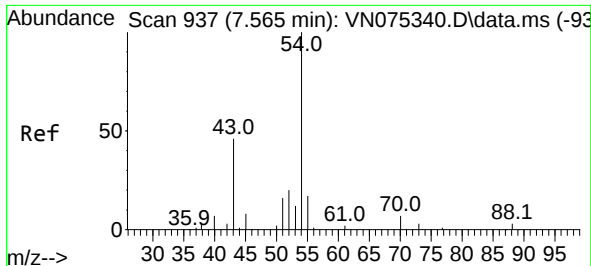
Lab File: VN075523.D

Acq: 02 Dec 2022 11:23

Tgt Ion: 75 Resp: 100104

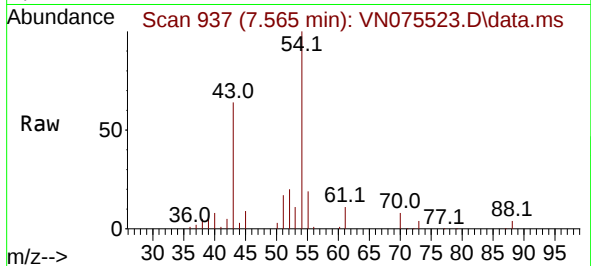
Ion	Ratio	Lower	Upper
75	100		
110	38.6	17.8	53.3
77	31.1	24.6	37.0





#37
Ethyl Acetate
Concen: 55.579 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

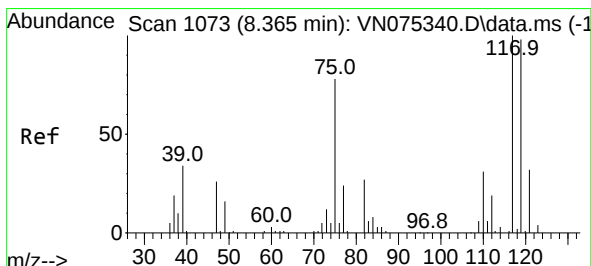
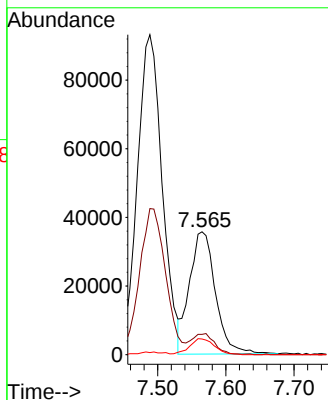
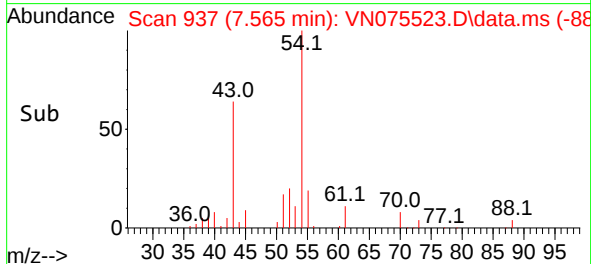
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 94512
Ion Ratio Lower Upper
43 100
61 15.4 12.2 18.4
70 12.5 9.4 14.2

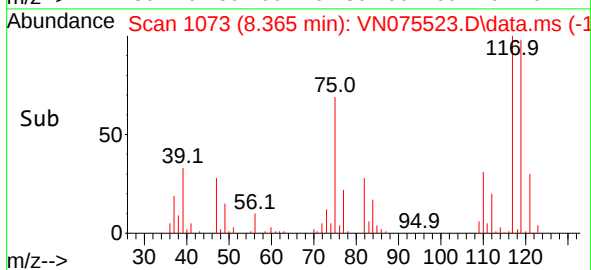
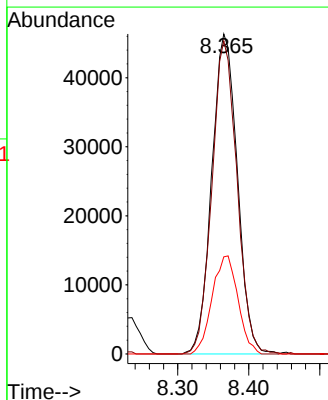
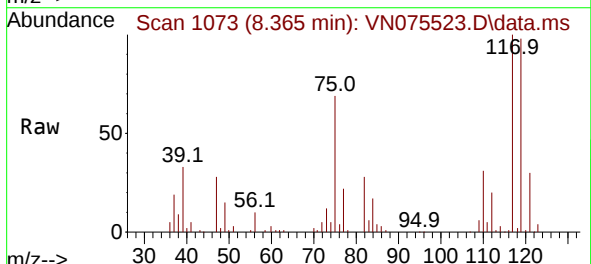
Manual Integrations
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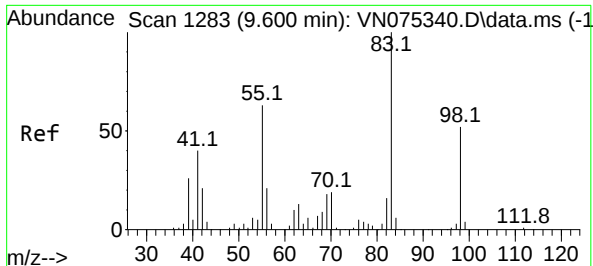
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#38
Carbon Tetrachloride
Concen: 55.826 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

Tgt Ion:117 Resp: 115817
Ion Ratio Lower Upper
117 100
119 97.9 76.7 115.1
121 30.4 23.9 35.9





#39

Methylcyclohexane

Concen: 53.705 ug/l

RT: 9.600 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075523.D

Acq: 02 Dec 2022 11:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 12693

Ion Ratio Lower Upper

83 100

55 66.2 53.6 80.4

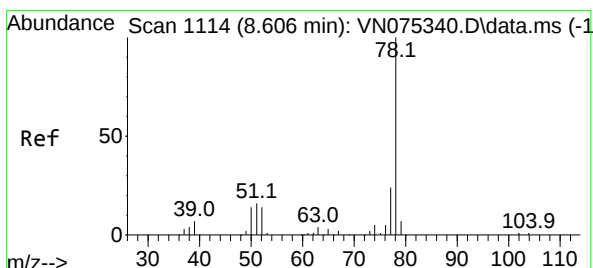
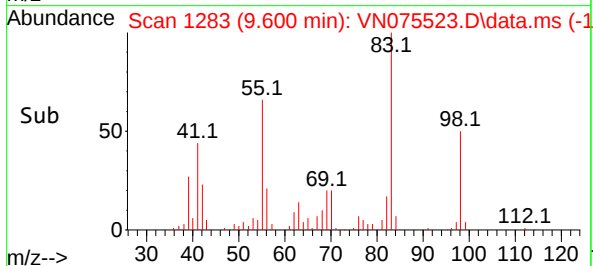
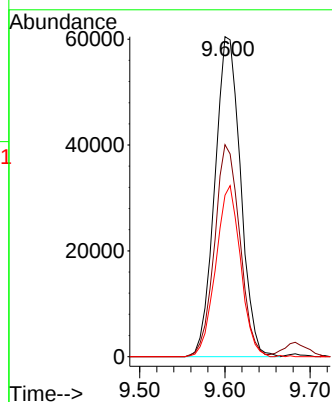
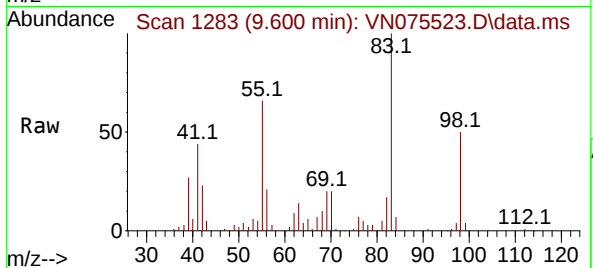
98 50.4 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#40

Benzene

Concen: 55.844 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075523.D

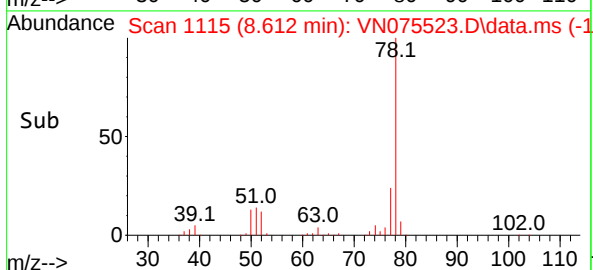
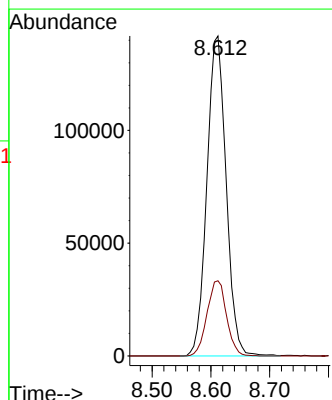
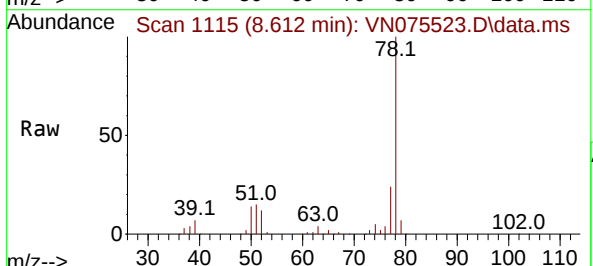
Acq: 02 Dec 2022 11:23

Tgt Ion: 78 Resp: 322898

Ion Ratio Lower Upper

78 100

77 23.5 19.4 29.0





#41
Methacrylonitrile
Concen: 54.646 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.005 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

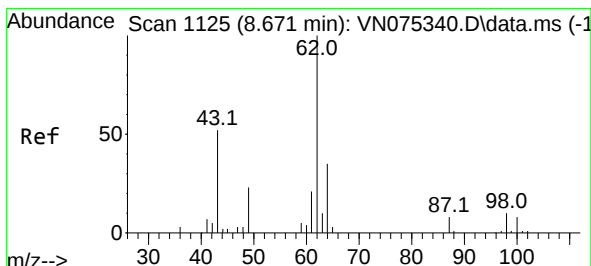
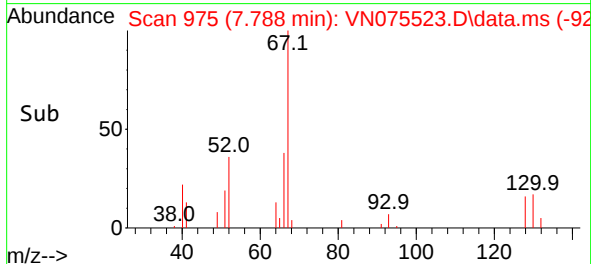
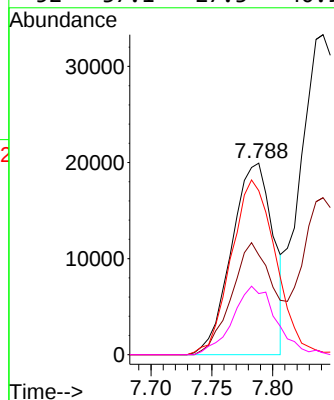
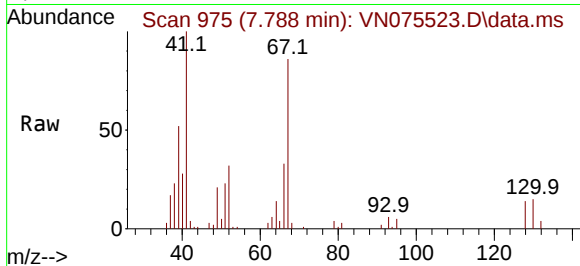
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 47509

Ion	Ratio	Lower	Upper
41	100		
39	60.3	44.4	66.6
67	97.2	69.8	104.6
52	37.1	27.3	40.9

Manual Integrations
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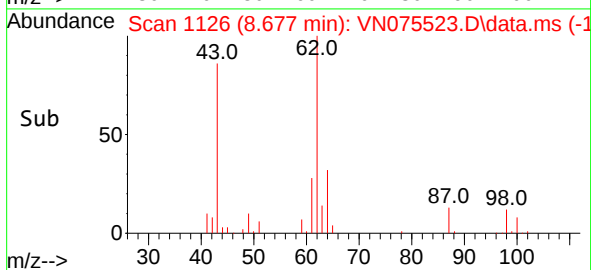
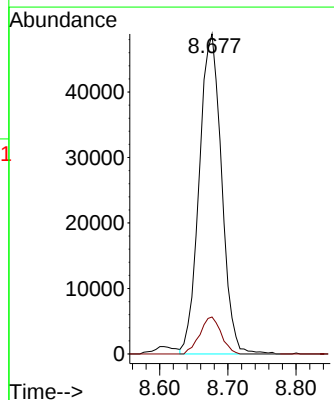
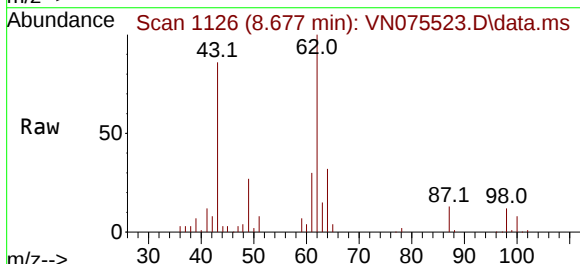
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

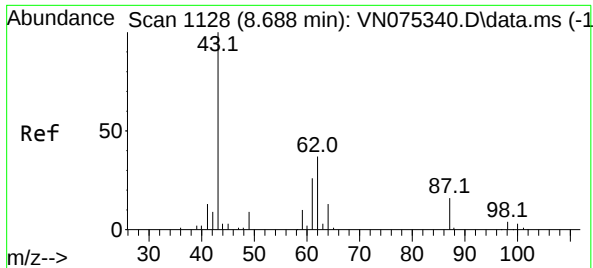


#42
1,2-Dichloroethane
Concen: 57.570 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

Tgt Ion: 62 Resp: 111486

Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	18.2





#43

Isopropyl Acetate

Concen: 56.808 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN075523.D

Acq: 02 Dec 2022 11:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

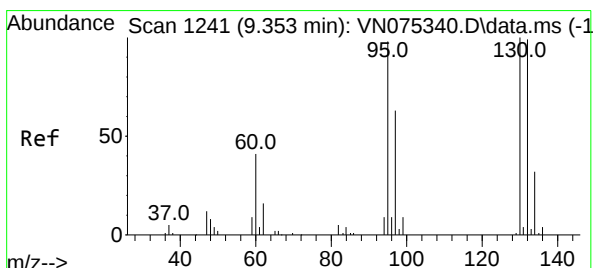
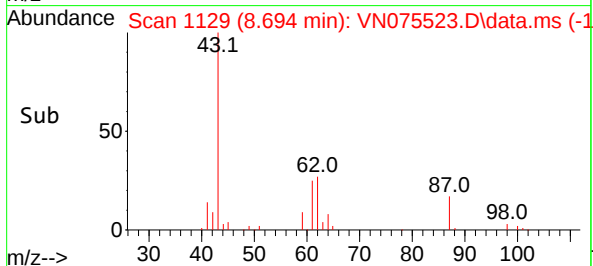
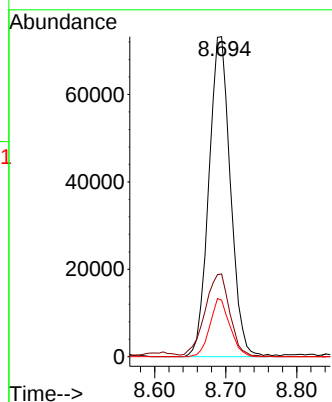
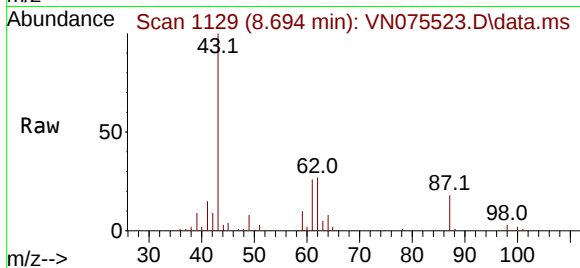
Tgt Ion: 43	Resp: 15505
Ion Ratio	Lower Upper
43 100	
61 29.8	22.4 33.6
87 16.7	12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#44

Trichloroethene

Concen: 54.040 ug/l

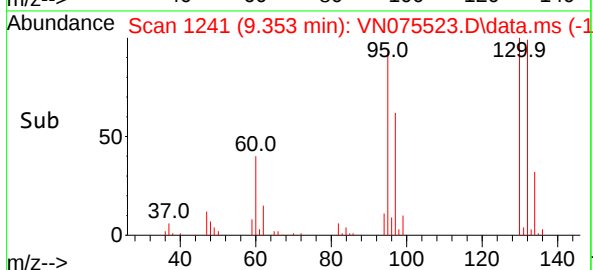
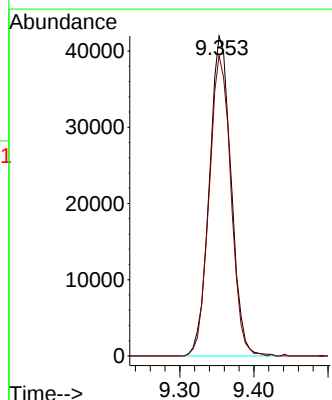
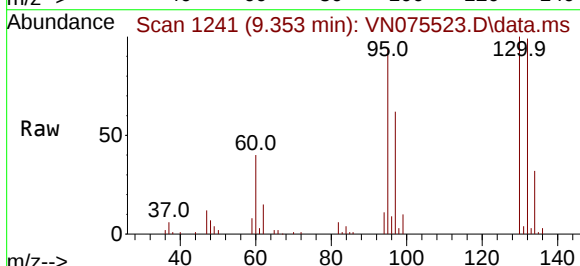
RT: 9.353 min Scan# 1241

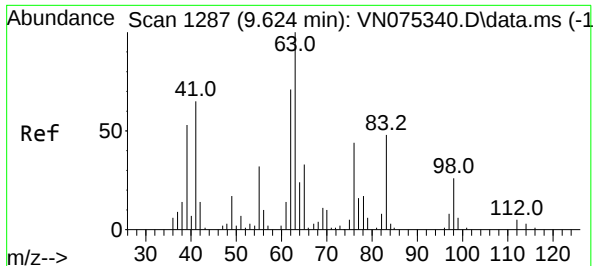
Delta R.T. 0.000 min

Lab File: VN075523.D

Acq: 02 Dec 2022 11:23

Tgt Ion:130	Resp: 85500
Ion Ratio	Lower Upper
130 100	
95 93.8	0.0 198.4





#45

1,2-Dichloropropane

Concen: 55.736 ug/l

RT: 9.624 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN075523.D

Acq: 02 Dec 2022 11:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 76800

Ion Ratio Lower Upper

63 100

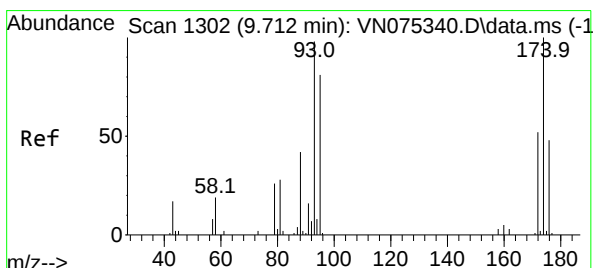
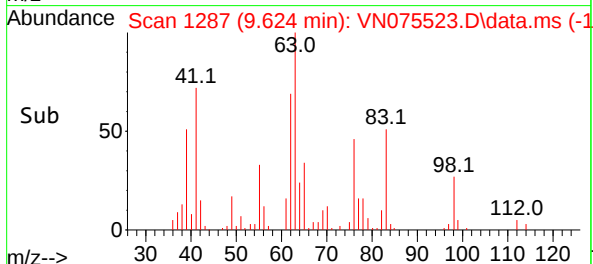
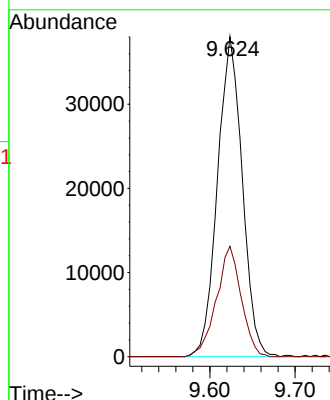
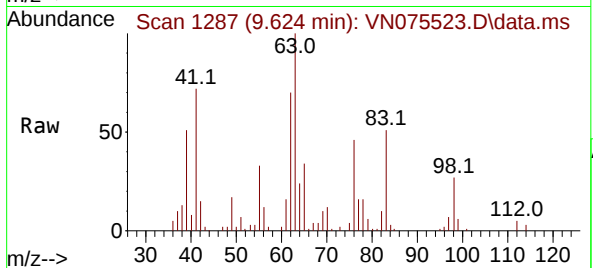
65 34.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#46

Dibromomethane

Concen: 58.397 ug/l

RT: 9.706 min Scan# 1301

Delta R.T. -0.006 min

Lab File: VN075523.D

Acq: 02 Dec 2022 11:23

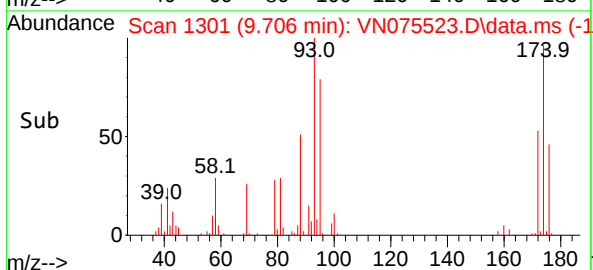
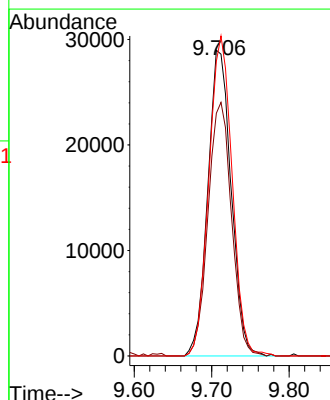
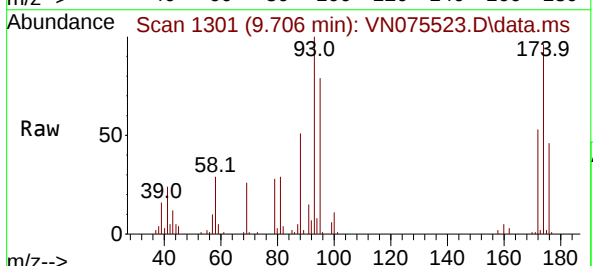
Tgt Ion: 93 Resp: 60863

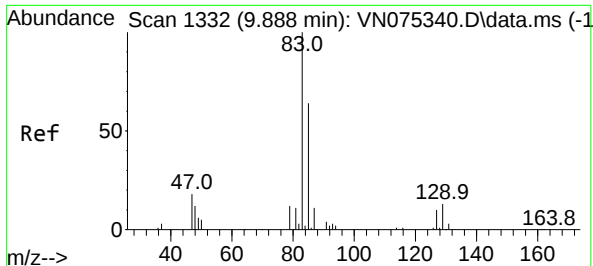
Ion Ratio Lower Upper

93 100

95 83.1 66.6 99.8

174 104.1 70.3 105.5





#47

Bromodichloromethane

Concen: 57.608 ug/l

RT: 9.888 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075523.D

Acq: 02 Dec 2022 11:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 11627

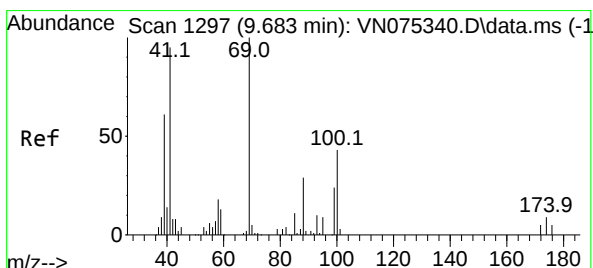
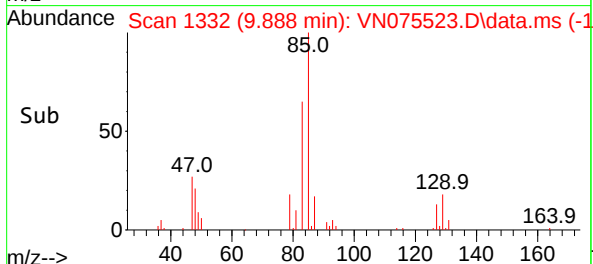
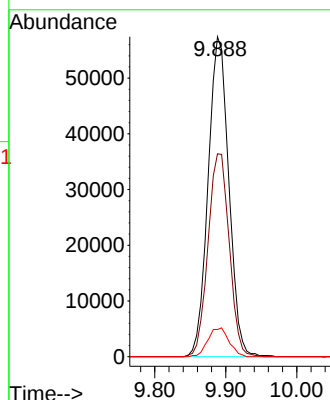
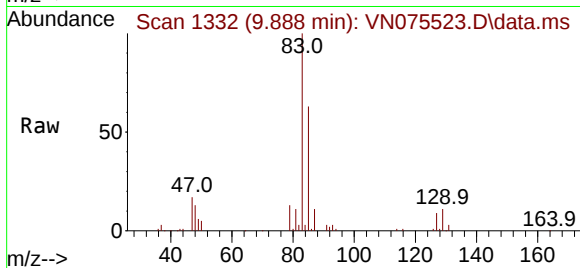
Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.1	78.1
127	8.5	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#48

Methyl methacrylate

Concen: 56.801 ug/l

RT: 9.682 min Scan# 1297

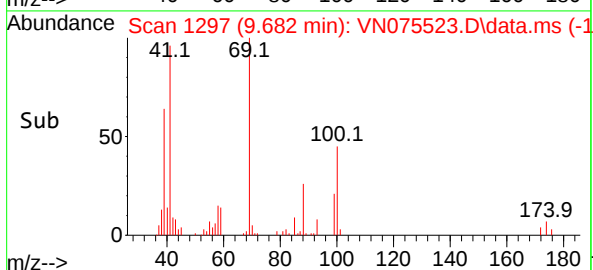
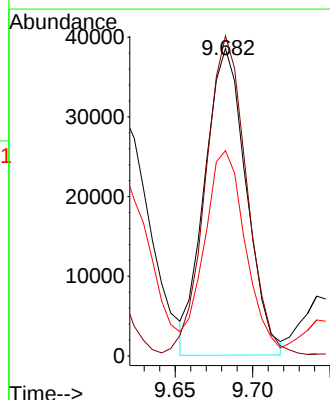
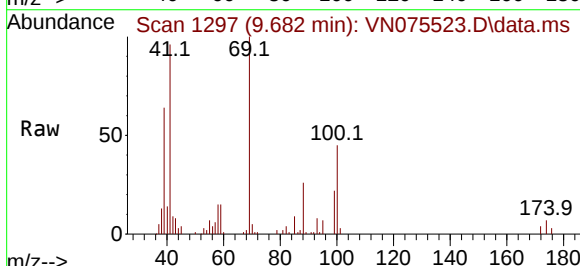
Delta R.T. -0.001 min

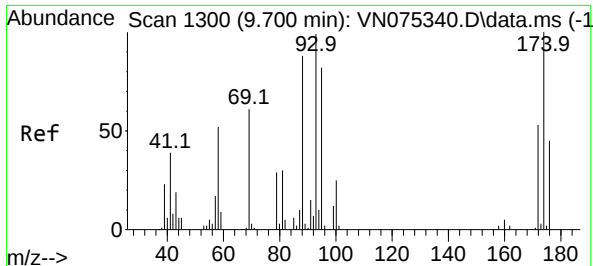
Lab File: VN075523.D

Acq: 02 Dec 2022 11:23

Tgt Ion: 41 Resp: 71689

Ion	Ratio	Lower	Upper
41	100		
69	104.3	80.2	120.2
39	66.7	56.2	84.2





#49

1,4-Dioxane

Concen: 1056.768 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075523.D

Acq: 02 Dec 2022 11:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 3787

Ion Ratio Lower Upper

88 100

43 21.1 17.5 26.3

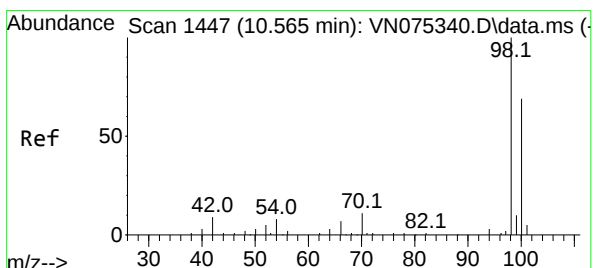
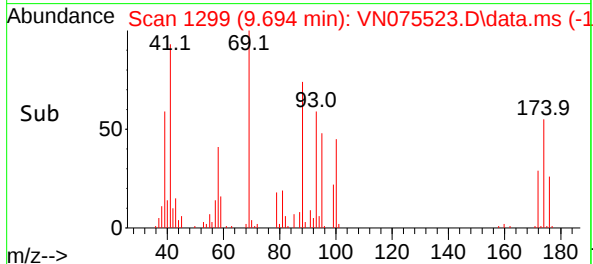
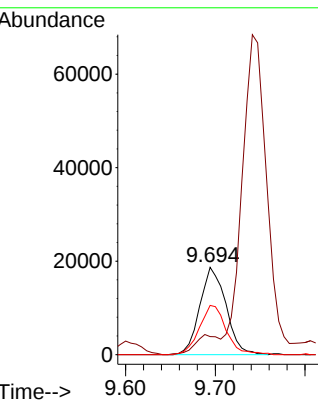
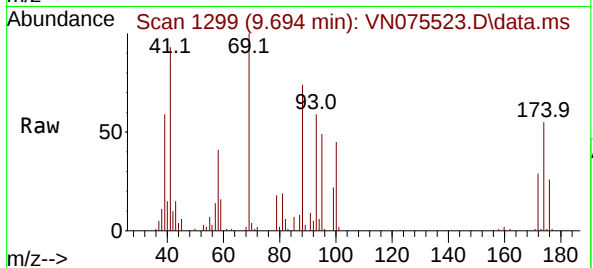
58 58.1 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#50

Toluene-d8

Concen: 52.102 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075523.D

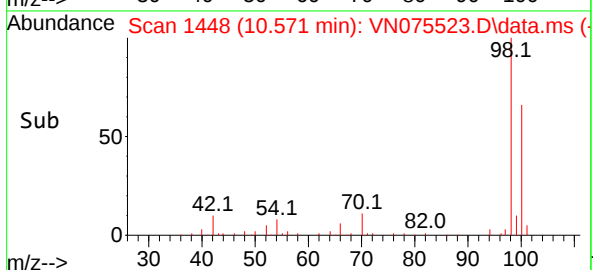
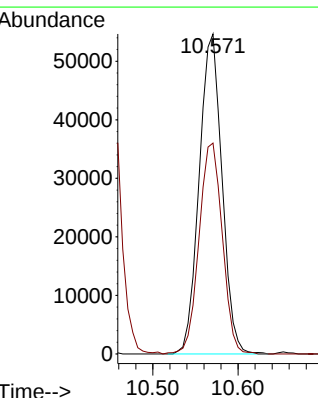
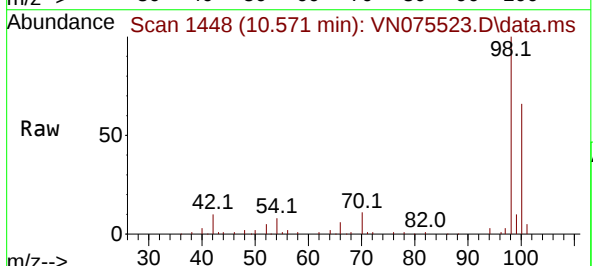
Acq: 02 Dec 2022 11:23

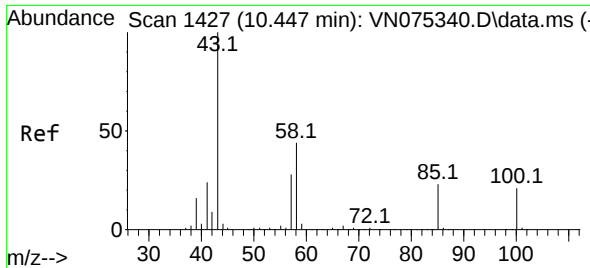
Tgt Ion: 98 Resp: 101625

Ion Ratio Lower Upper

98 100

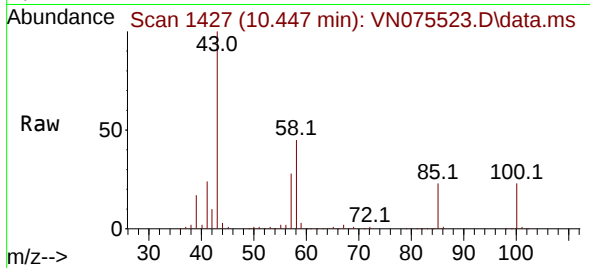
100 67.1 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 282.674 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

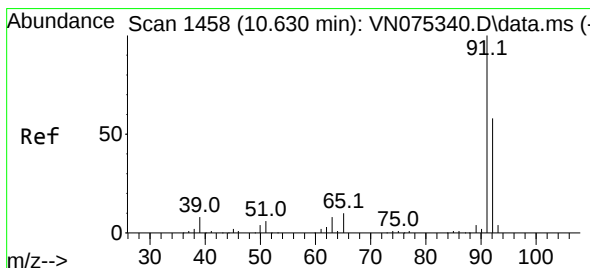
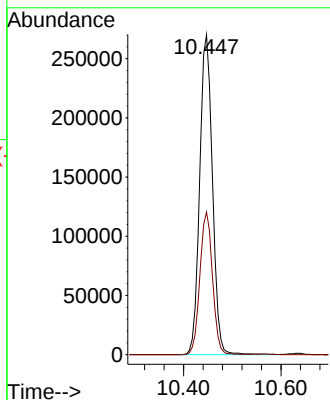
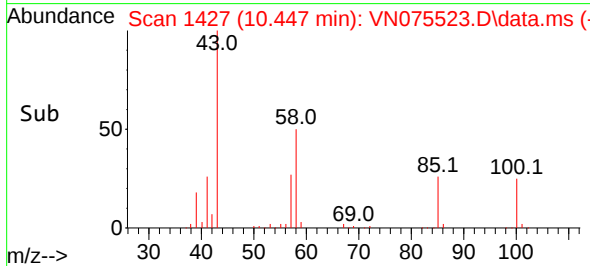
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



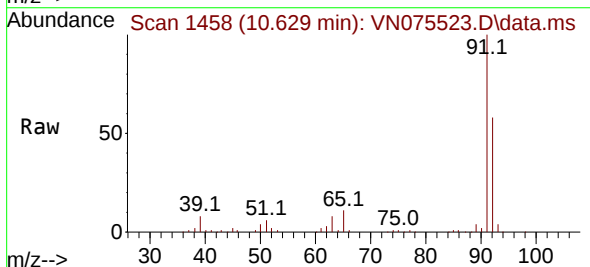
Tgt Ion: 43 Resp: 491427
Ion Ratio Lower Upper
43 100
58 44.1 33.6 50.4

Manual Integrations
APPROVED

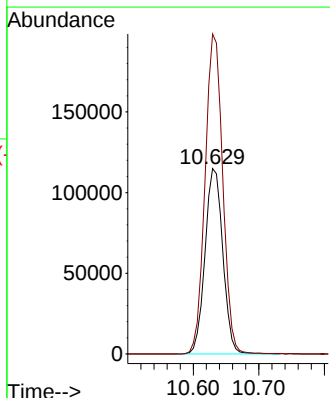
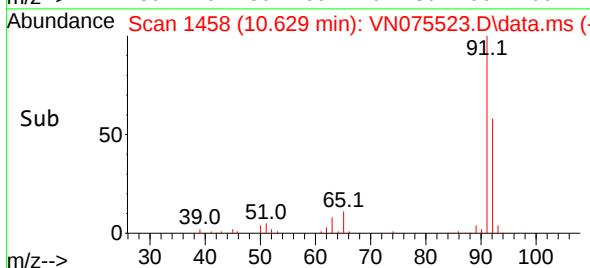
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#52
Toluene
Concen: 58.118 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.001 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23



Tgt Ion: 92 Resp: 216552
Ion Ratio Lower Upper
92 100
91 171.8 135.4 203.2





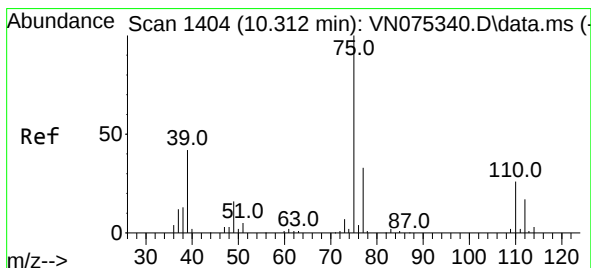
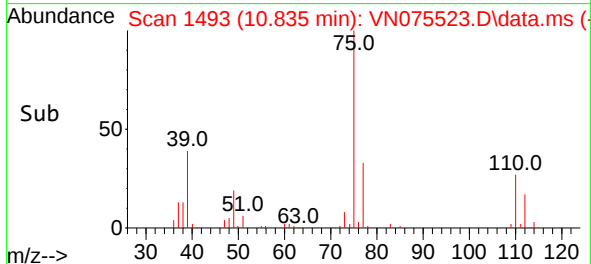
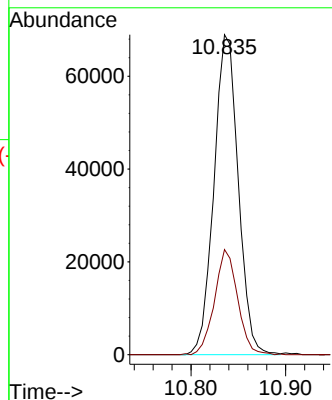
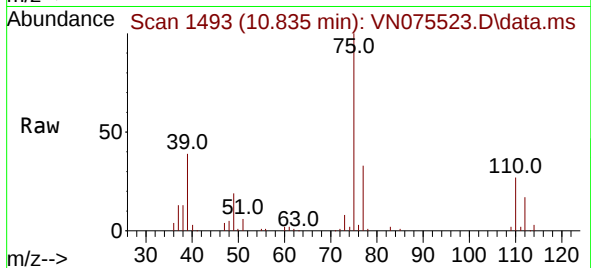
#53
t-1,3-Dichloropropene
Concen: 60.725 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 12304
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.2

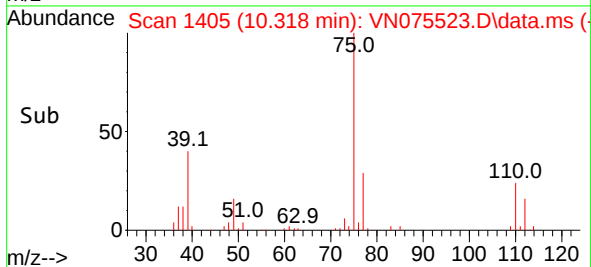
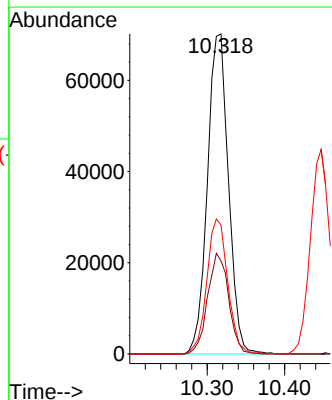
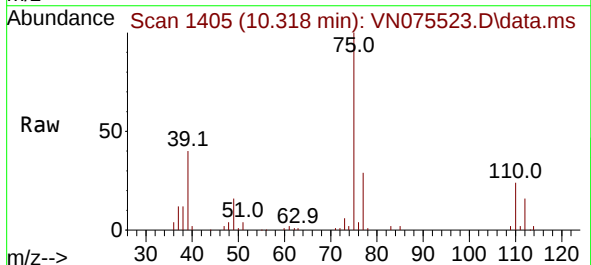
Manual Integrations
APPROVED

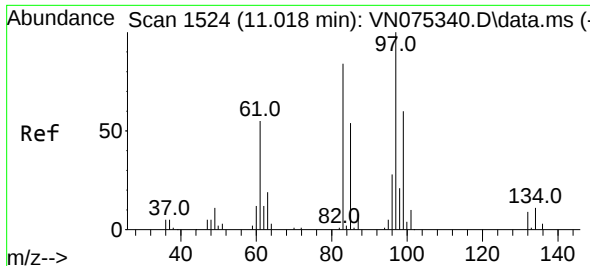
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#54
cis-1,3-Dichloropropene
Concen: 60.199 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

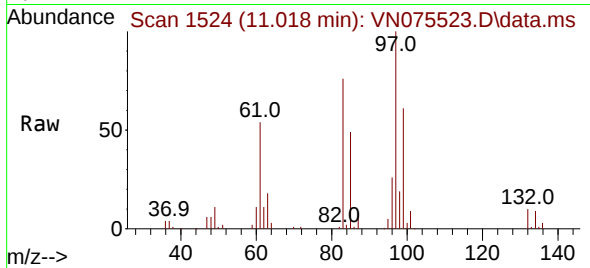
Tgt Ion: 75 Resp: 132481
Ion Ratio Lower Upper
75 100
77 29.1 23.7 35.5
39 40.3 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 58.779 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

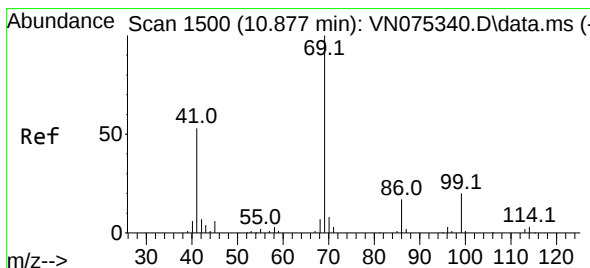
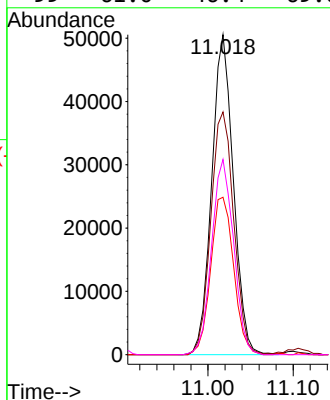
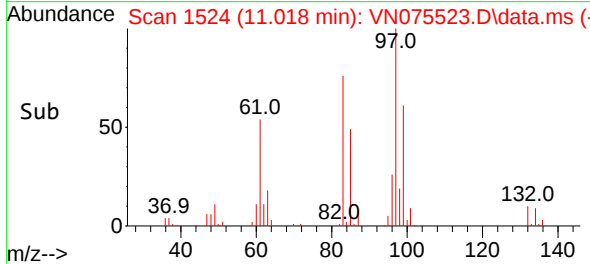
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	89204
Ion Ratio	100	Lower	Upper
97	100		
83	75.9	65.9	98.9
85	49.2	40.4	60.6
99	61.0	46.4	69.6

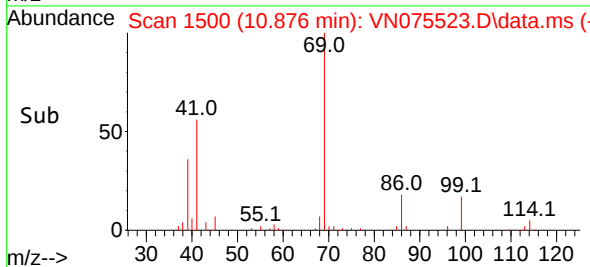
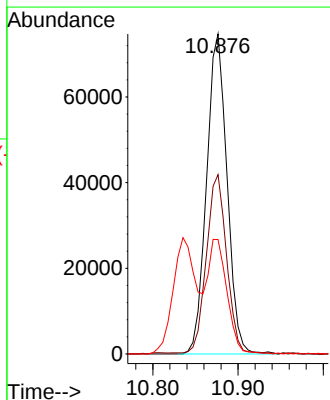
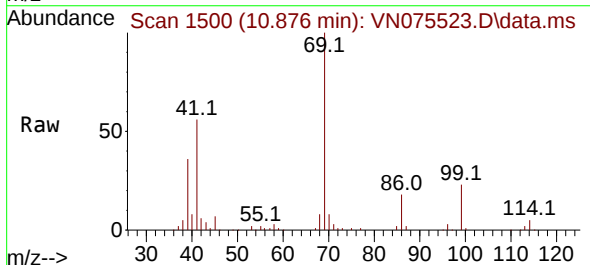
Manual Integrations
APPROVED

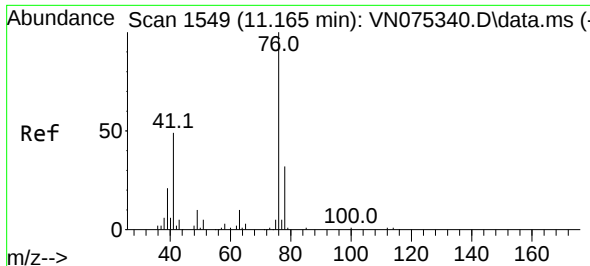
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#56
Ethyl methacrylate
Concen: 60.812 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

Tgt Ion:	69	Resp:	124635
Ion Ratio	100	Lower	Upper
69	100		
41	55.9	45.6	68.4
39	33.1	28.5	42.7





#57

1,3-Dichloropropane

Concen: 57.853 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN075523.D

Acq: 02 Dec 2022 11:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 143159

Ion Ratio Lower Upper

76 100

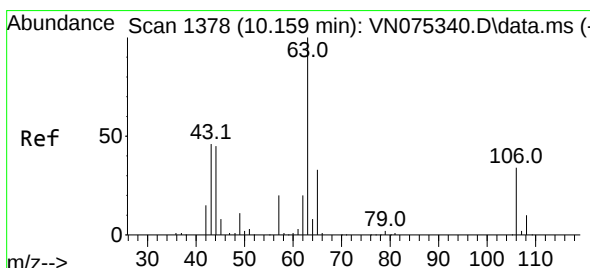
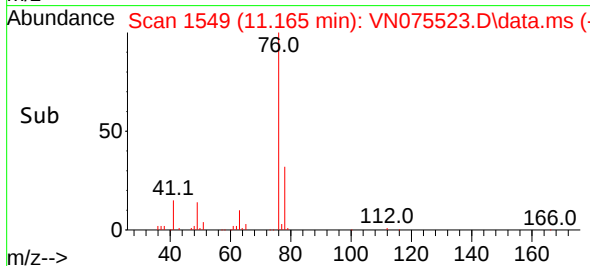
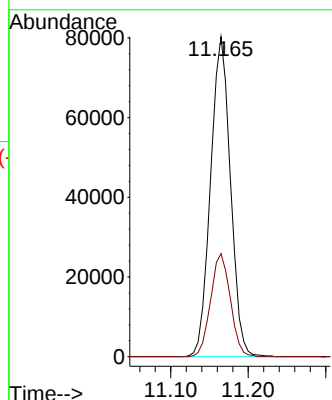
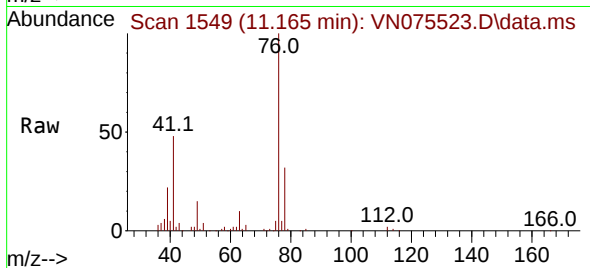
78 31.9 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#58

2-Chloroethyl Vinyl ether

Concen: 278.722 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.000 min

Lab File: VN075523.D

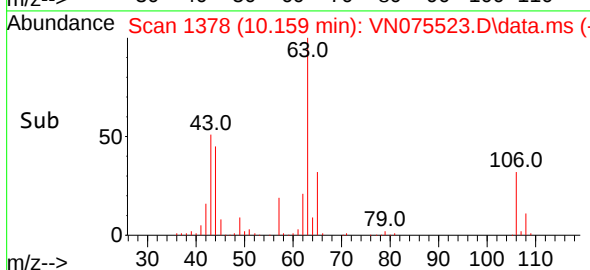
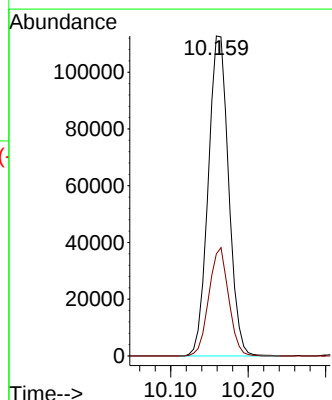
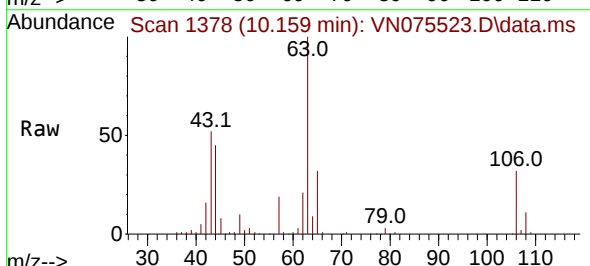
Acq: 02 Dec 2022 11:23

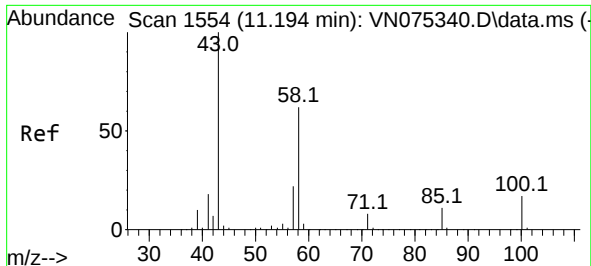
Tgt Ion: 63 Resp: 206021

Ion Ratio Lower Upper

63 100

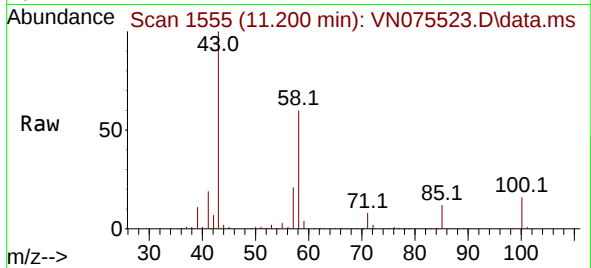
106 32.8 24.8 37.2





#59
2-Hexanone
Concen: 277.592 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

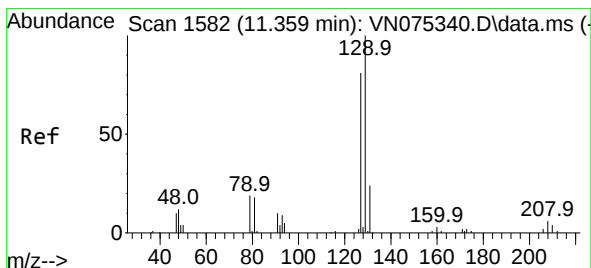
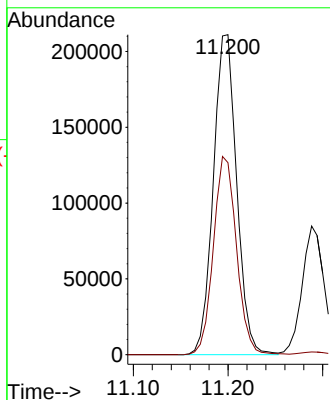
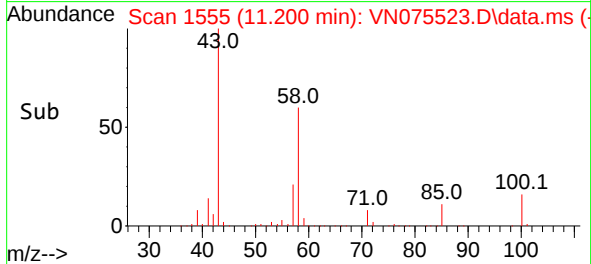
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 362380
Ion Ratio Lower Upper
43 100
58 61.4 29.6 88.8

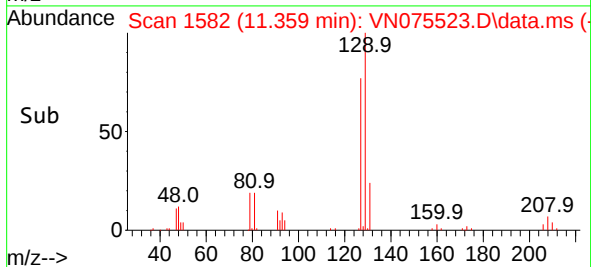
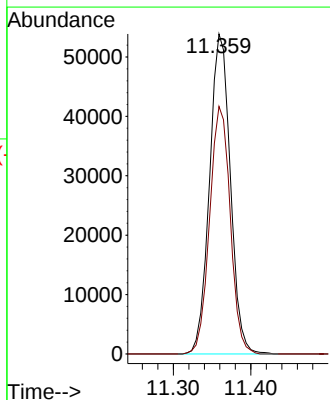
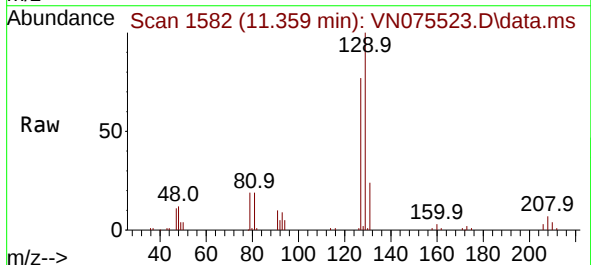
Manual Integrations
APPROVED

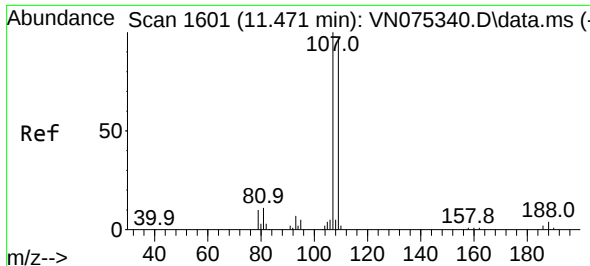
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#60
Dibromochloromethane
Concen: 64.549 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

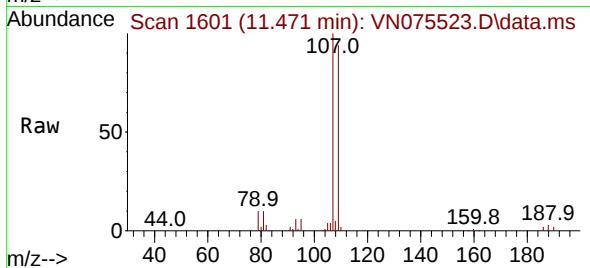
Tgt Ion:129 Resp: 100551
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.8





#61
1,2-Dibromoethane
Concen: 59.495 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

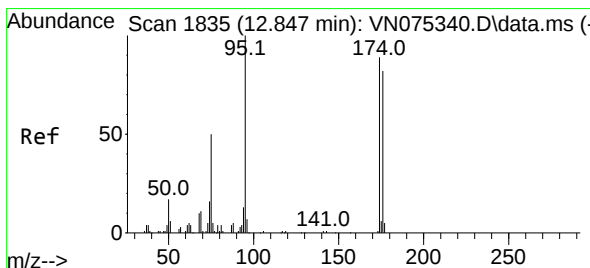
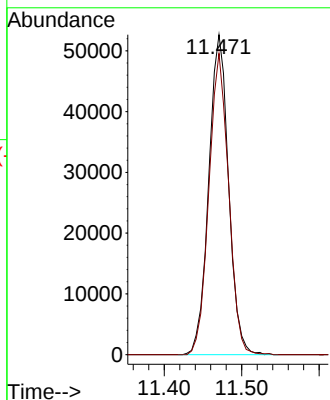
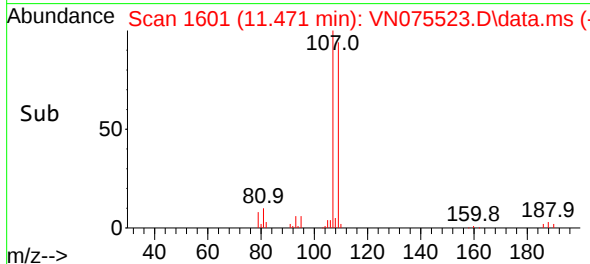
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



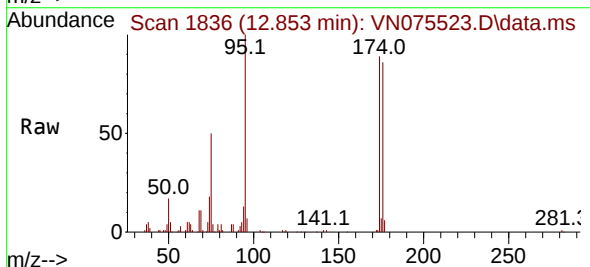
Tgt Ion:107 Resp: 93715
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4

Manual Integrations
APPROVED

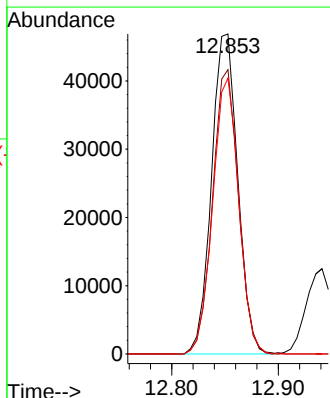
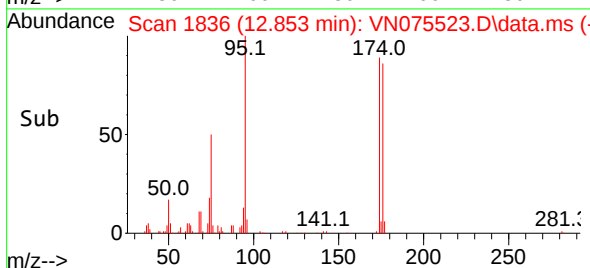
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

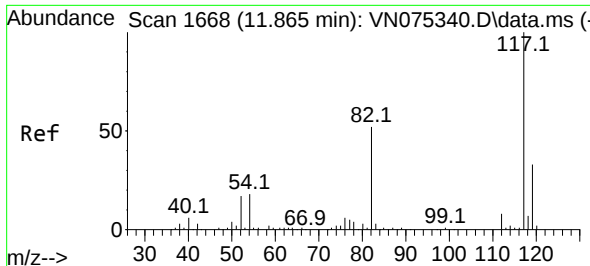


#62
4-Bromofluorobenzene
Concen: 55.825 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23



Tgt Ion: 95 Resp: 80369
Ion Ratio Lower Upper
95 100
174 87.0 0.0 147.4
176 85.5 0.0 142.2





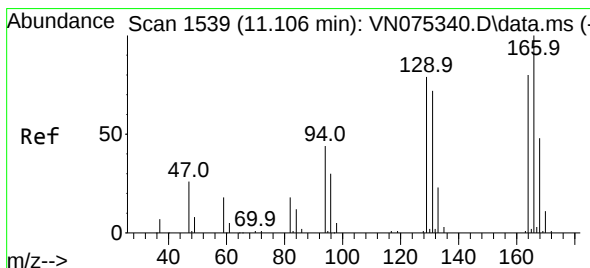
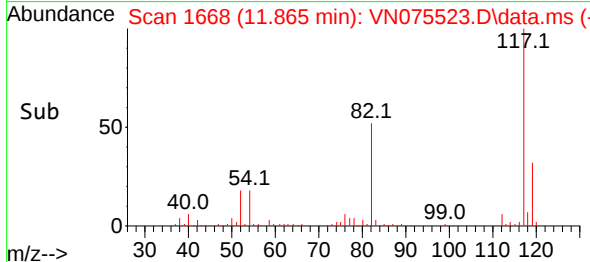
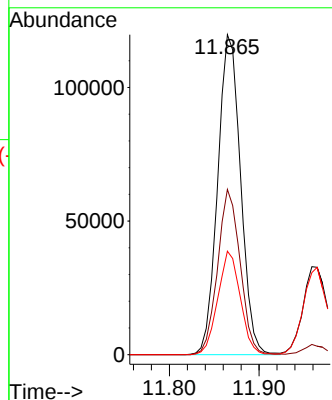
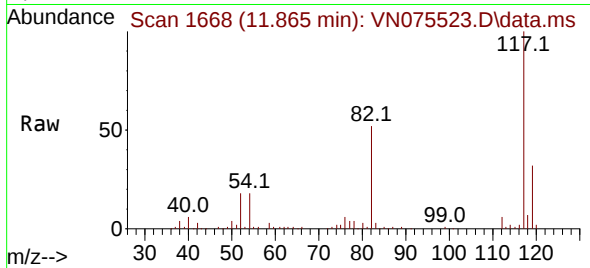
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 212209
Ion Ratio Lower Upper
117 100
82 51.7 43.1 64.7
119 32.4 25.5 38.3

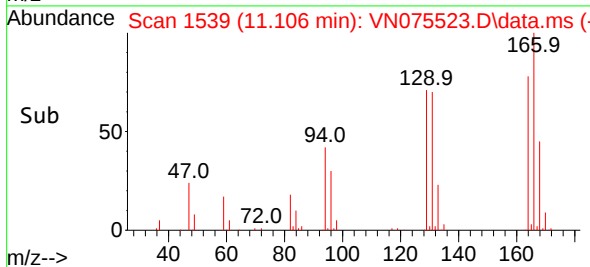
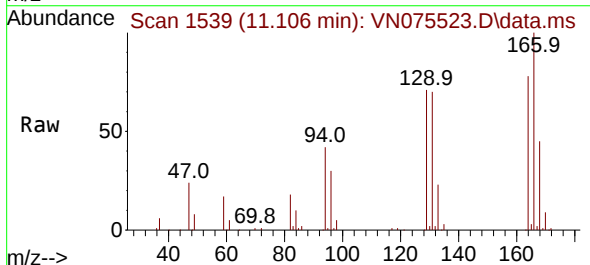
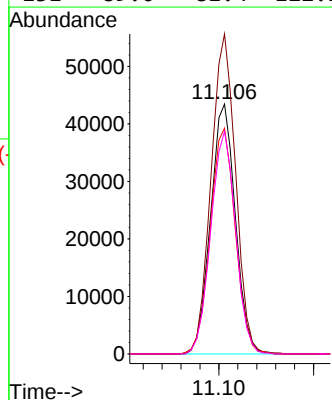
Manual Integrations
APPROVED

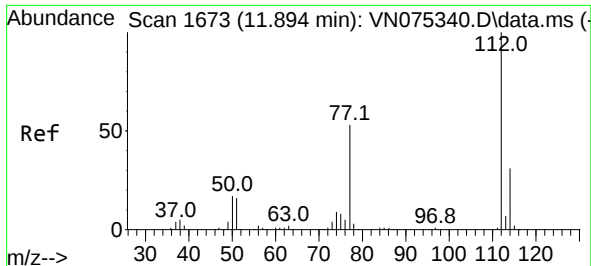
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#64
Tetrachloroethene
Concen: 48.760 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

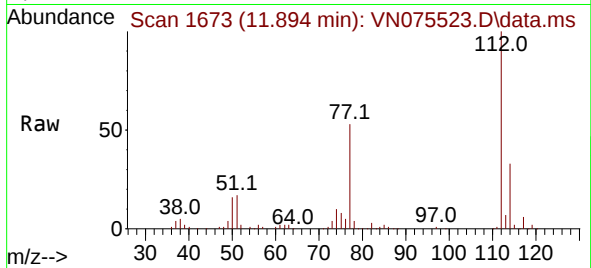
Tgt Ion:164 Resp: 79018
Ion Ratio Lower Upper
164 100
166 128.0 106.5 159.7
129 90.3 81.9 122.9
131 89.0 81.4 122.2





#65
Chlorobenzene
Concen: 53.954 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

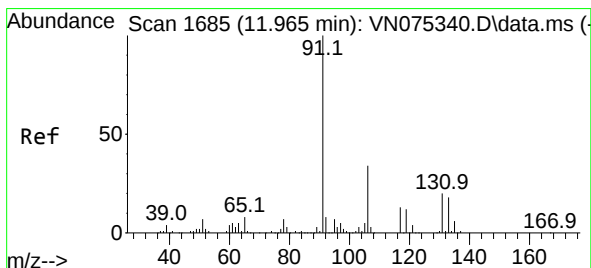
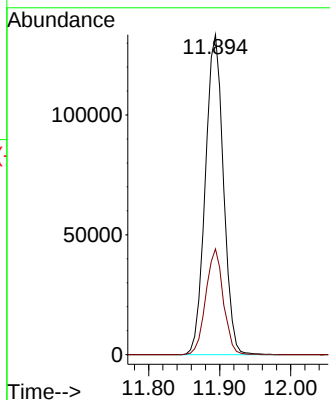
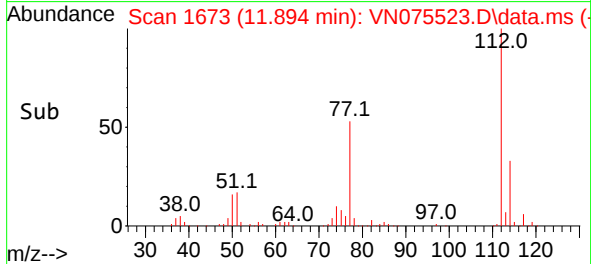
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 236452
Ion Ratio Lower Upper
112 100
114 33.0 25.4 38.2

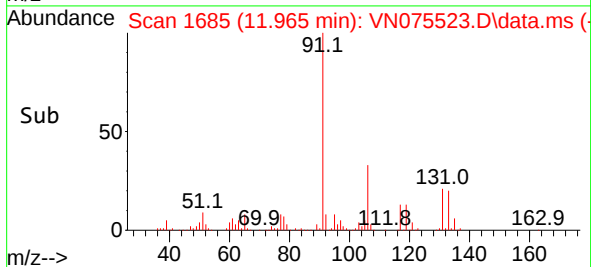
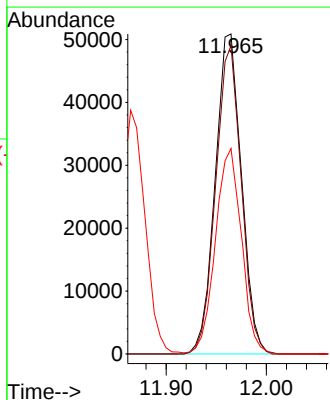
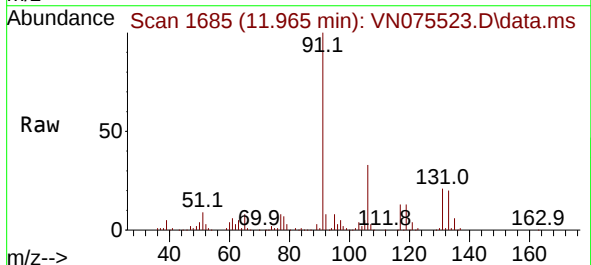
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 56.426 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

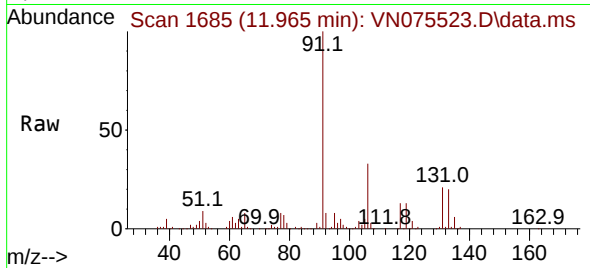
Tgt Ion:131 Resp: 92292
Ion Ratio Lower Upper
131 100
133 93.9 47.8 143.4
119 63.7 33.0 99.0





#67
Ethyl Benzene
Concen: 55.416 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

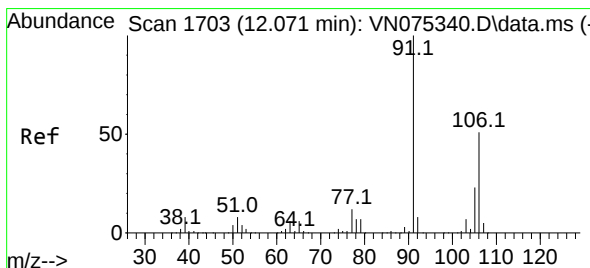
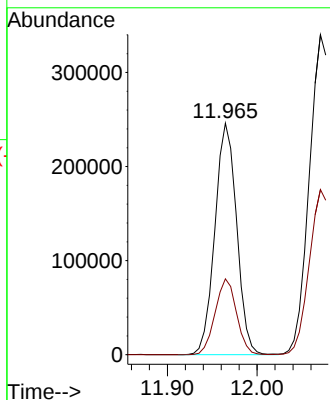
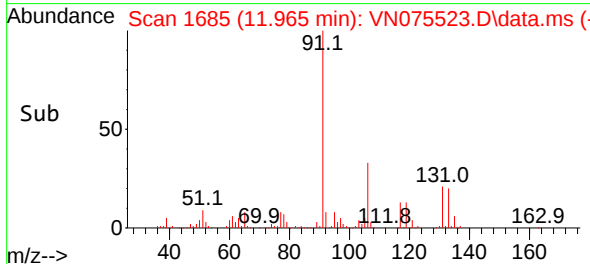
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



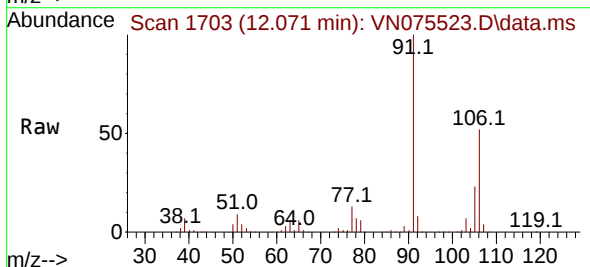
Tgt Ion: 91 Resp: 414329
Ion Ratio Lower Upper
91 100
106 32.7 24.9 37.3

Manual Integrations
APPROVED

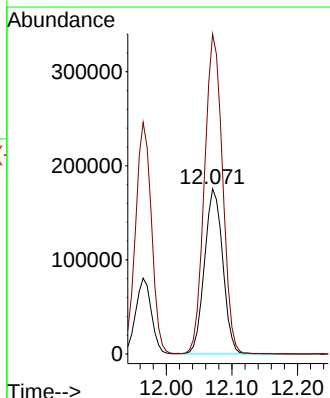
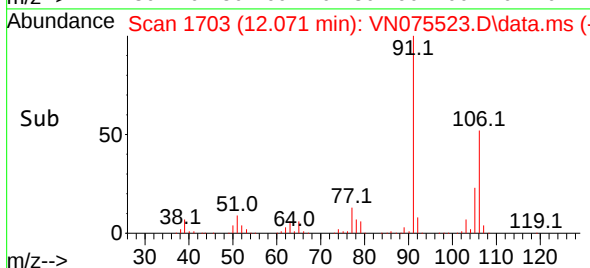
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

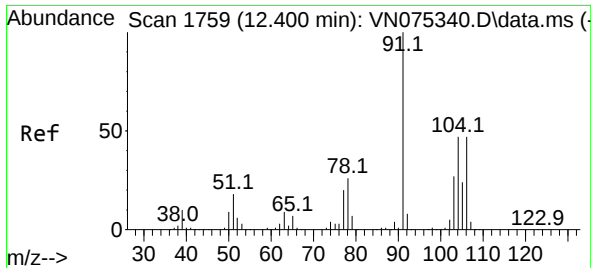


#68
m/p-Xylenes
Concen: 112.034 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23



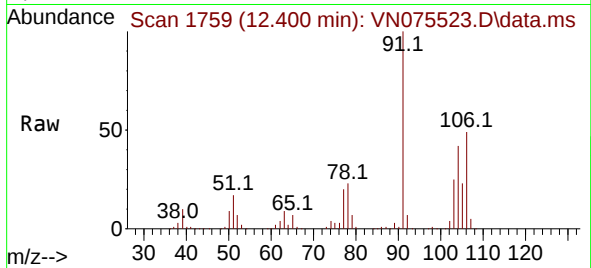
Tgt Ion:106 Resp: 340159
Ion Ratio Lower Upper
106 100
91 191.3 156.0 234.0





#69
o-Xylene
Concen: 55.143 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

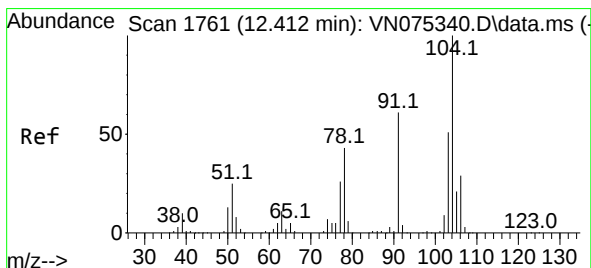
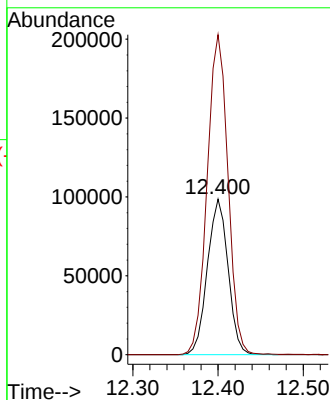
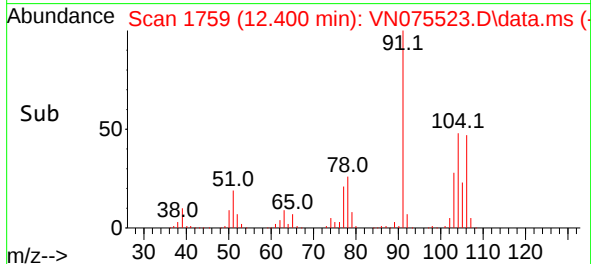
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 166350
Ion Ratio Lower Upper
106 100
91 206.7 105.2 315.5

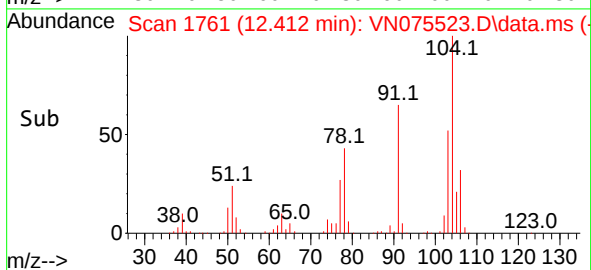
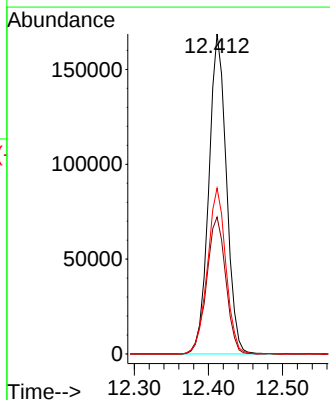
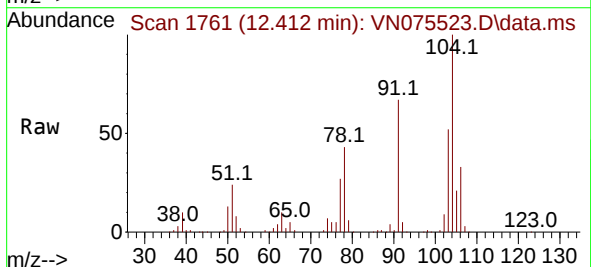
Manual Integrations
APPROVED

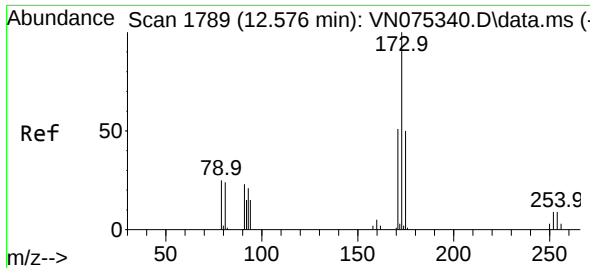
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#70
Styrene
Concen: 58.504 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

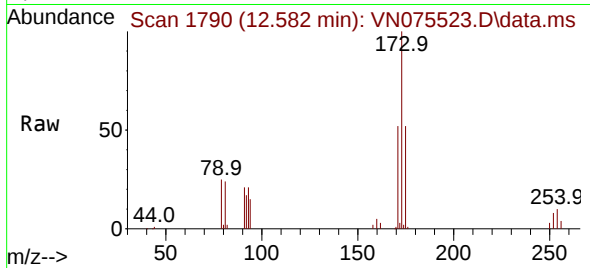
Tgt Ion:104 Resp: 278413
Ion Ratio Lower Upper
104 100
78 46.5 38.1 57.1
103 54.2 44.6 66.8





#71
Bromoform
Concen: 59.470 ug/l
RT: 12.582 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

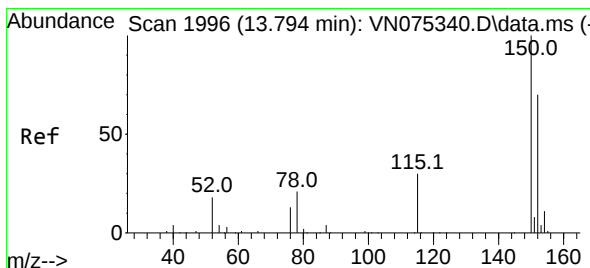
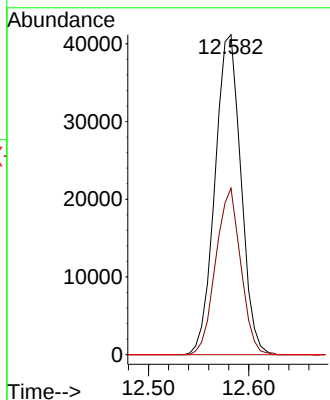
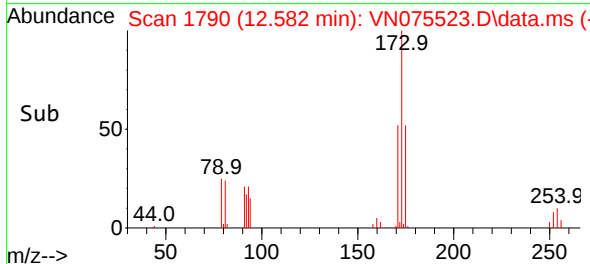
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



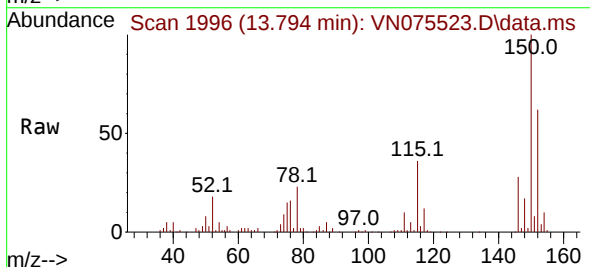
Tgt Ion:173 Resp: 74032
Ion Ratio Lower Upper
173 100
175 50.2 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

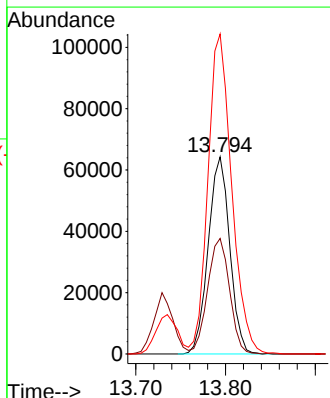
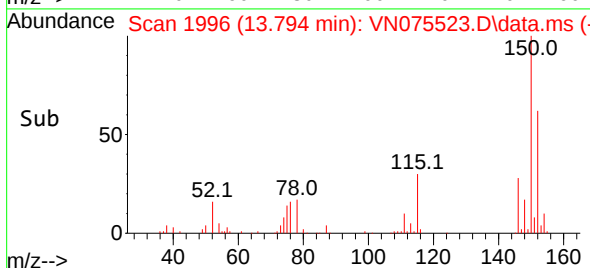
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

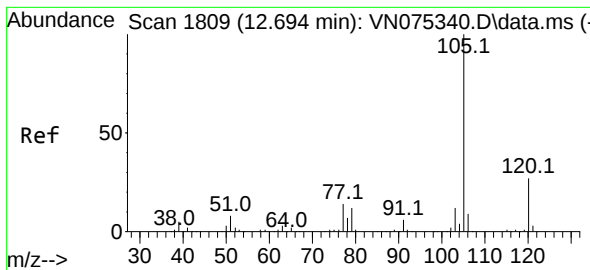


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23



Tgt Ion:152 Resp: 107109
Ion Ratio Lower Upper
152 100
115 59.8 30.2 90.6
150 178.7 0.0 348.4





#73

Isopropylbenzene

Concen: 53.557 ug/l

RT: 12.700 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN075523.D

Acq: 02 Dec 2022 11:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 41910

Ion Ratio Lower Upper

105 100

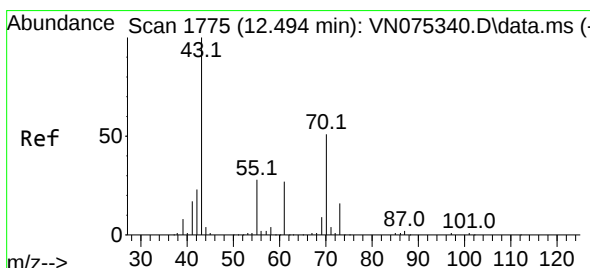
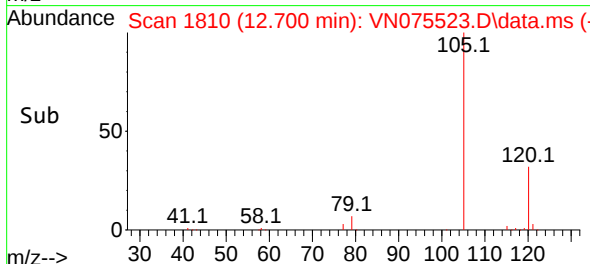
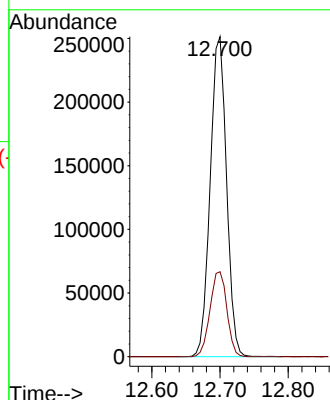
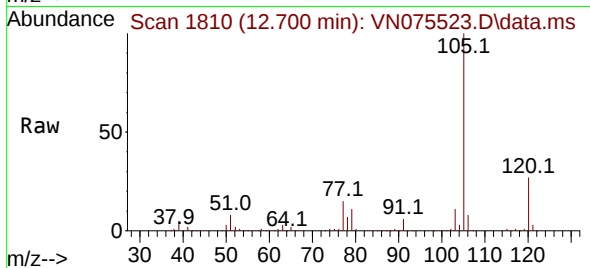
120 27.4 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#74

N-ethyl acetate

Concen: 56.049 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN075523.D

Acq: 02 Dec 2022 11:23

Tgt Ion: 43 Resp: 134842

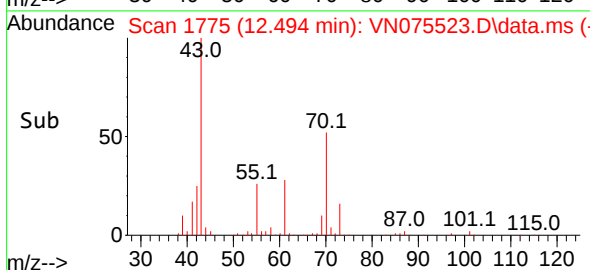
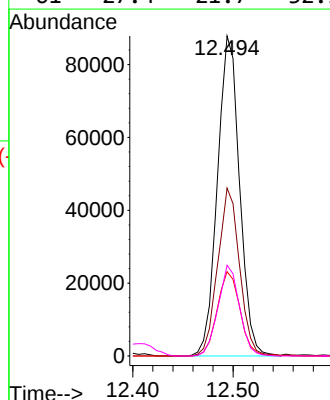
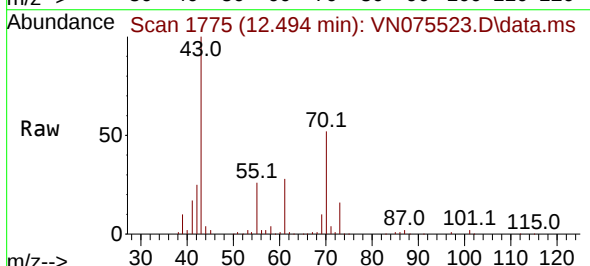
Ion Ratio Lower Upper

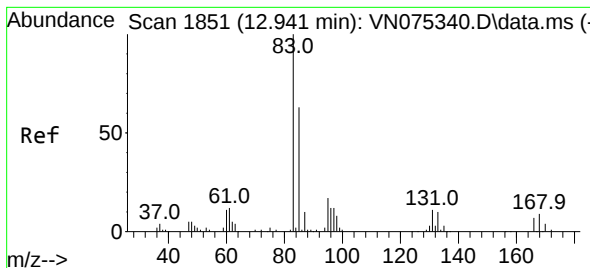
43 100

70 51.8 39.8 59.8

55 27.3 19.9 29.9

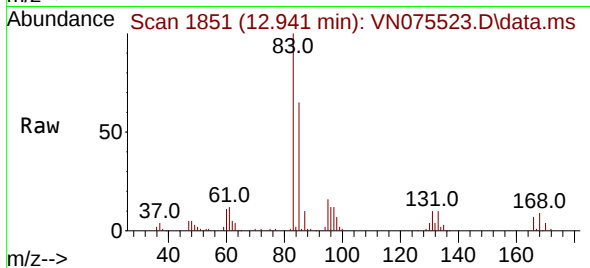
61 27.4 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 55.615 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

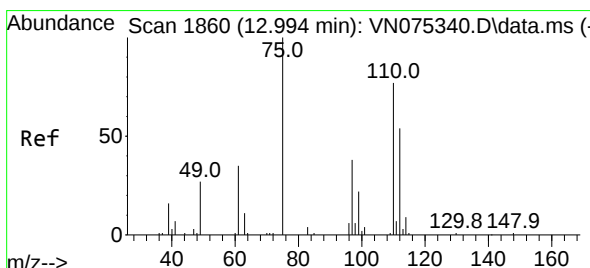
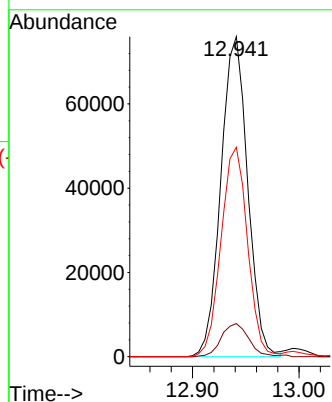
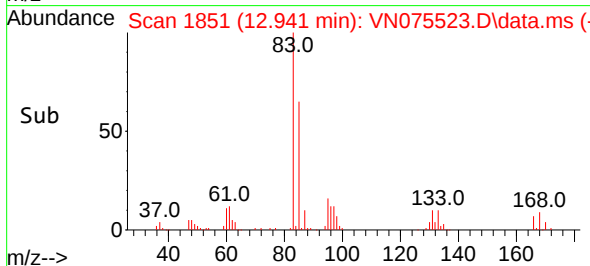
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



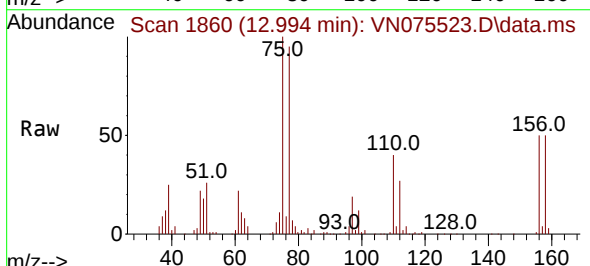
Tgt Ion: 83 Resp: 132685
Ion Ratio Lower Upper
83 100
131 10.7 5.1 15.3
85 64.7 31.6 94.7

Manual Integrations
APPROVED

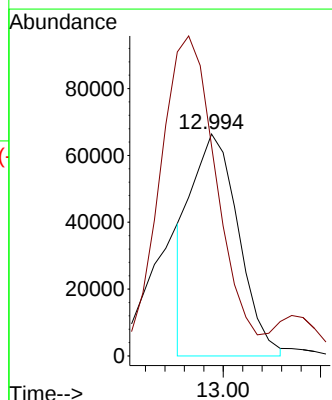
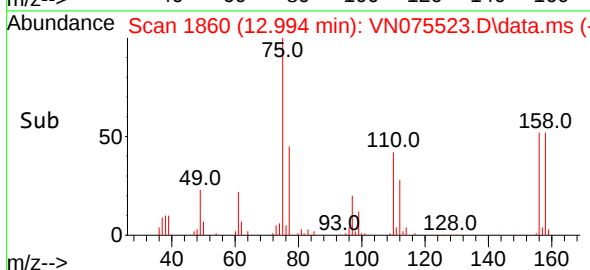
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

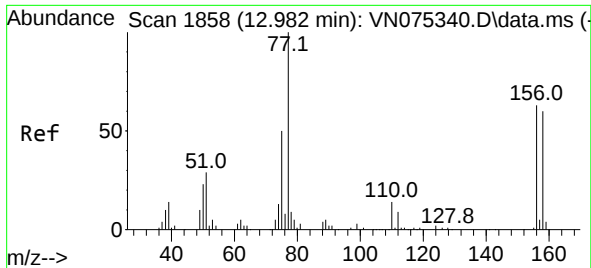


#76
1,2,3-Trichloropropane
Concen: 55.722 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23



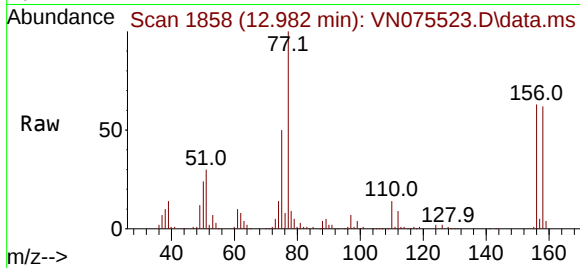
Tgt Ion: 75 Resp: 112845
Ion Ratio Lower Upper
75 100
77 173.1 75.6 226.8





#77
Bromobenzene
Concen: 55.151 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

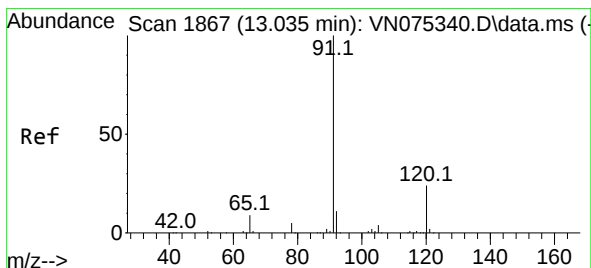
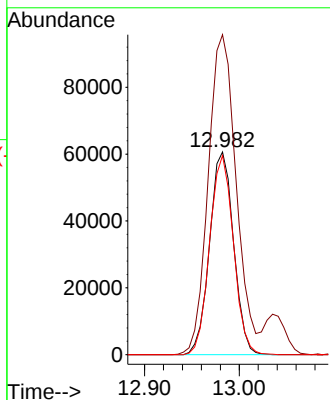
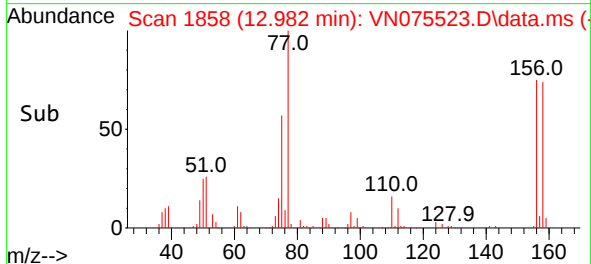
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



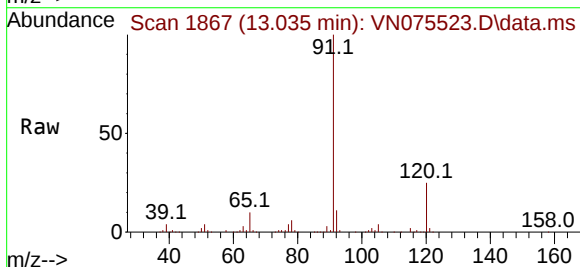
Tgt Ion:156 Resp: 10654
Ion Ratio Lower Upper
156 100
77 183.4 108.5 325.5
158 97.5 47.7 143.1

Manual Integrations
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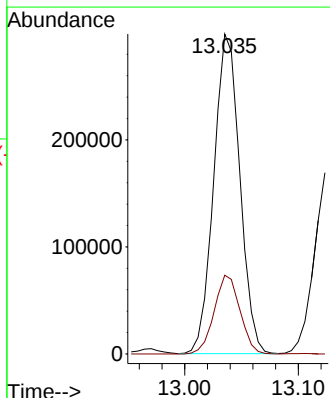
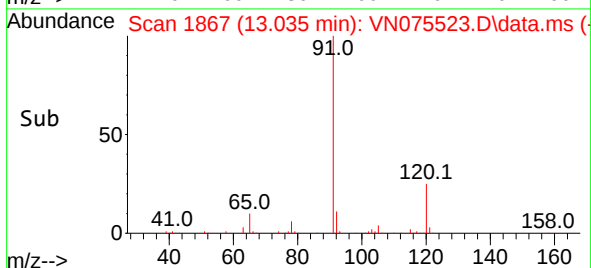
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

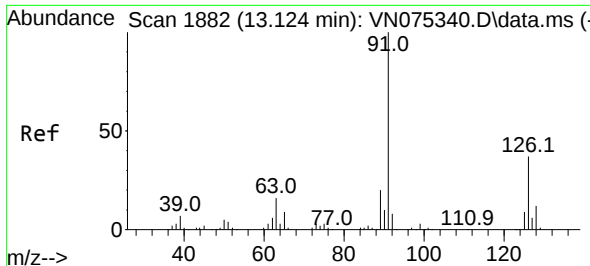


#78
n-propylbenzene
Concen: 54.562 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23



Tgt Ion: 91 Resp: 476494
Ion Ratio Lower Upper
91 100
120 24.3 11.9 35.5





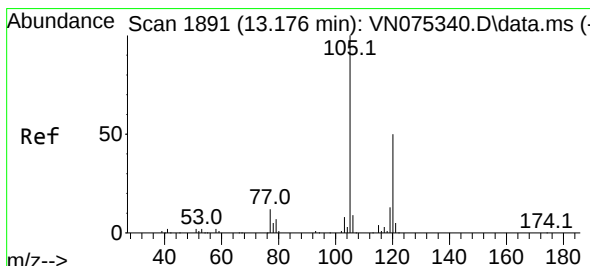
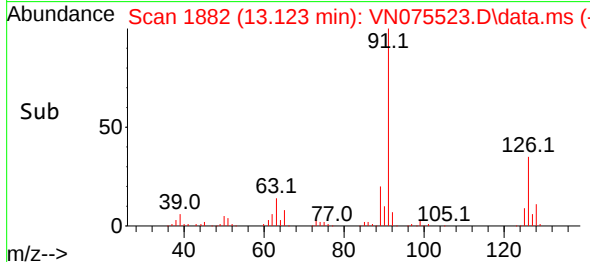
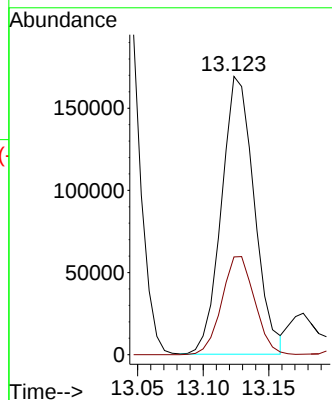
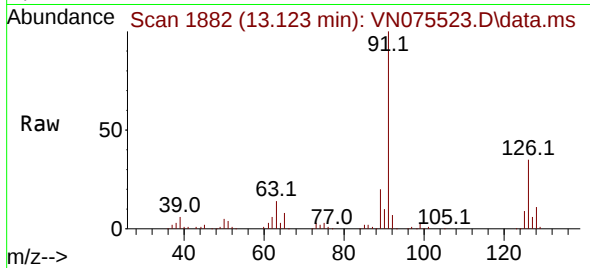
#79
2-Chlorotoluene
Concen: 55.985 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 294588
Ion Ratio Lower Upper
91 100
126 35.3 16.9 50.7

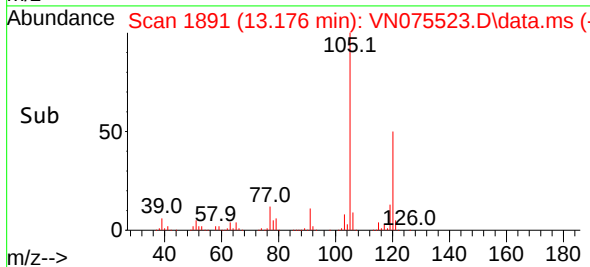
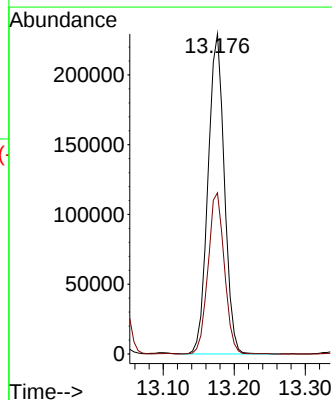
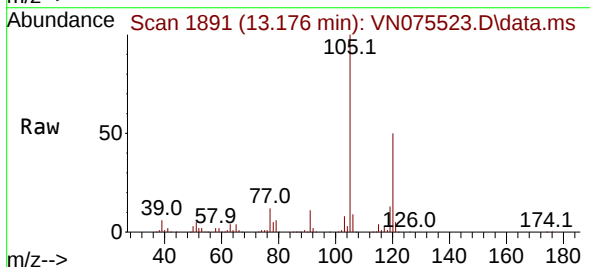
Manual Integrations
APPROVED

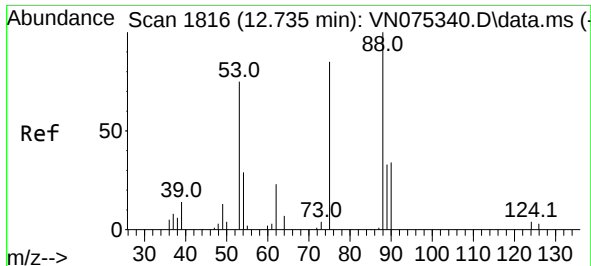
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#80
1,3,5-Trimethylbenzene
Concen: 56.370 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

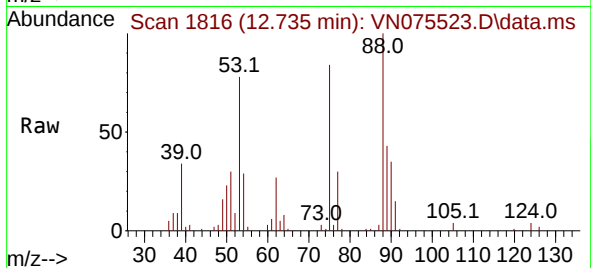
Tgt Ion:105 Resp: 366484
Ion Ratio Lower Upper
105 100
120 50.4 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 59.735 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

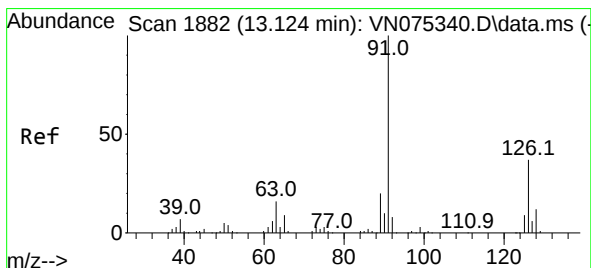
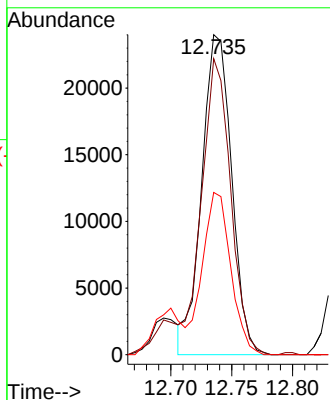
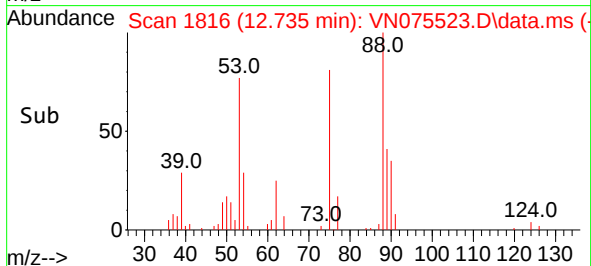
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



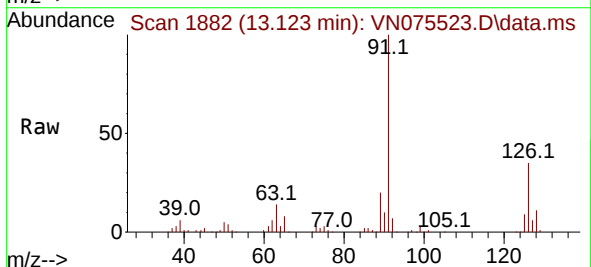
Tgt Ion: 75 Resp: 40880
Ion Ratio Lower Upper
75 100
53 99.4 78.5 117.7
89 48.3 37.7 56.5

Manual Integrations
APPROVED

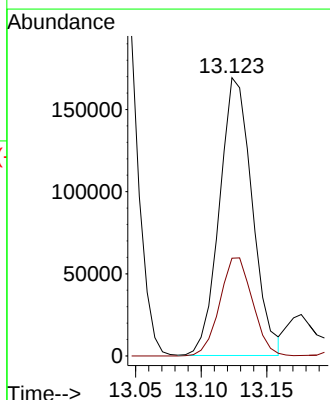
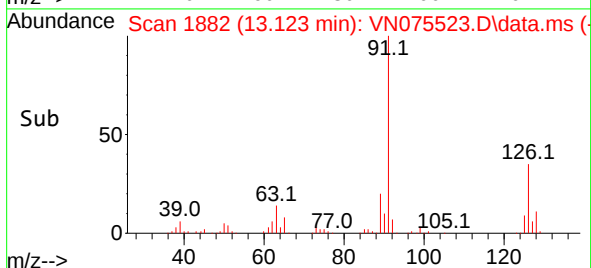
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

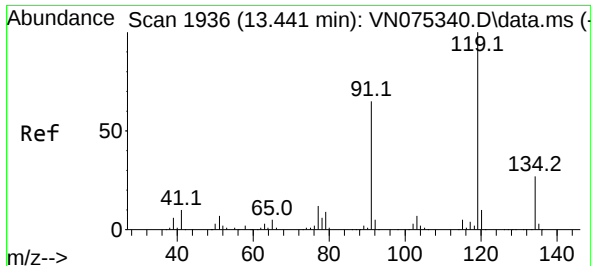


#82
4-Chlorotoluene
Concen: 55.985 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23



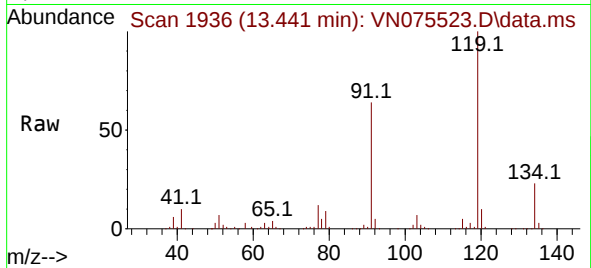
Tgt Ion: 91 Resp: 294588
Ion Ratio Lower Upper
91 100
126 35.3 16.9 50.7





#83
 tert-Butylbenzene
 Concen: 53.698 ug/l
 RT: 13.441 min Scan# 1936
 Delta R.T. 0.000 min
 Lab File: VN075523.D
 Acq: 02 Dec 2022 11:23

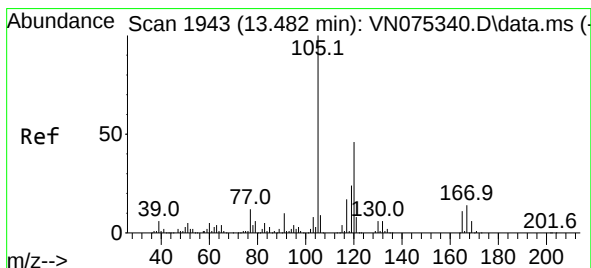
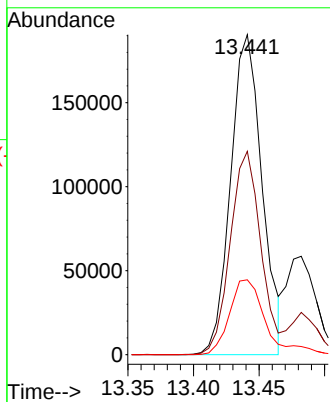
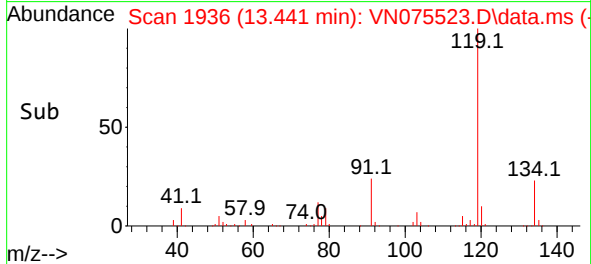
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



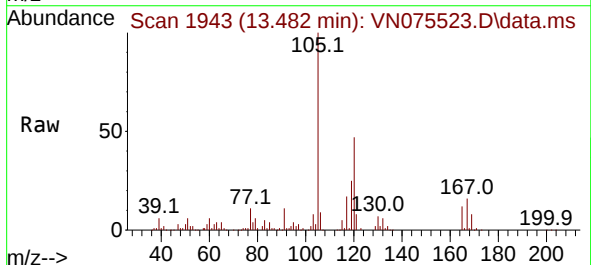
Tgt Ion:119 Resp: 318304
 Ion Ratio Lower Upper
 119 100
 91 63.1 32.8 98.4
 134 26.8 12.3 36.9

Manual Integrations
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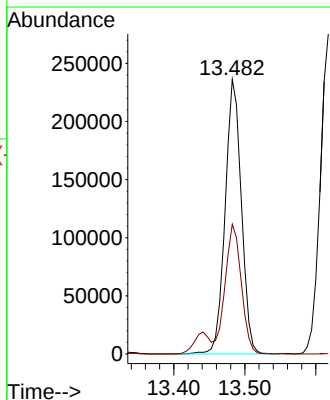
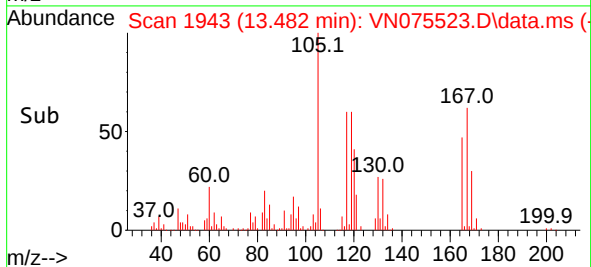
Reviewed By :John Carlone 12/05/2022
 Supervised By :Mahesh Dadoda 12/05/2022

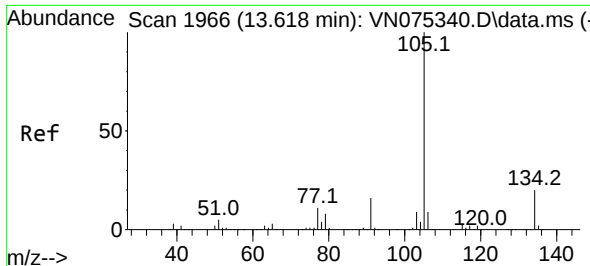


#84
 1,2,4-Trimethylbenzene
 Concen: 57.303 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: VN075523.D
 Acq: 02 Dec 2022 11:23



Tgt Ion:105 Resp: 373687
 Ion Ratio Lower Upper
 105 100
 120 47.5 22.7 68.1





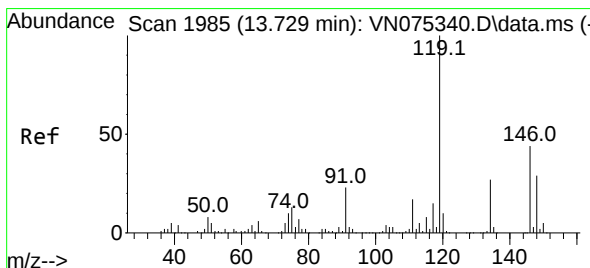
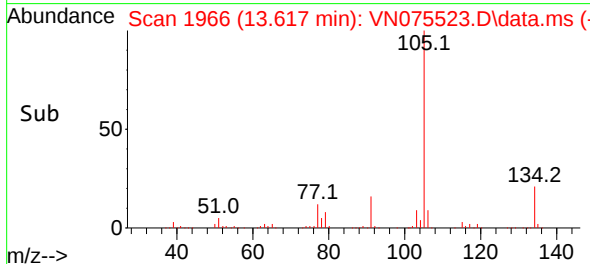
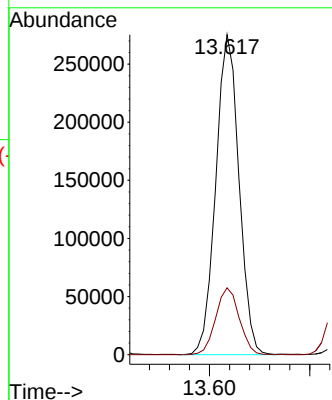
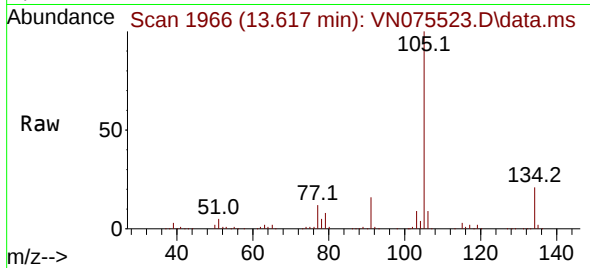
#85
 sec-Butylbenzene
 Concen: 54.793 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075523.D
 Acq: 02 Dec 2022 11:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 440700
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.2 30.6

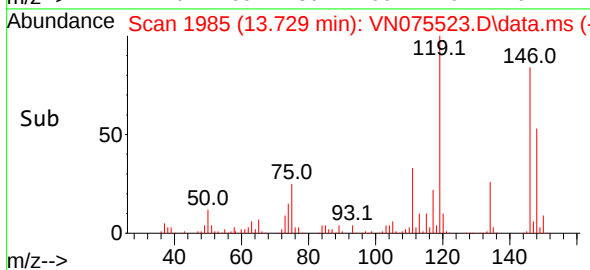
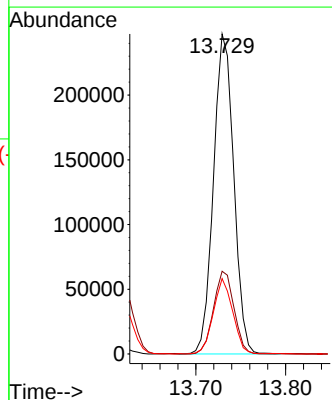
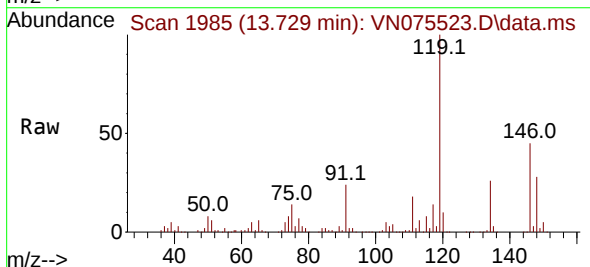
Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/05/2022
 Supervised By :Mahesh Dadoda 12/05/2022



#86
 p-Isopropyltoluene
 Concen: 57.317 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075523.D
 Acq: 02 Dec 2022 11:23

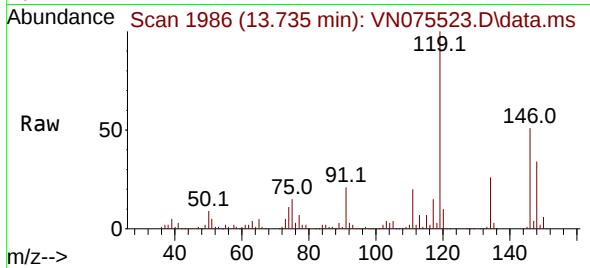
Tgt Ion:119 Resp: 387868
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.3
 91 22.6 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 55.720 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

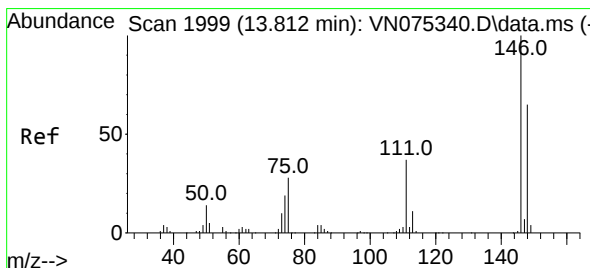
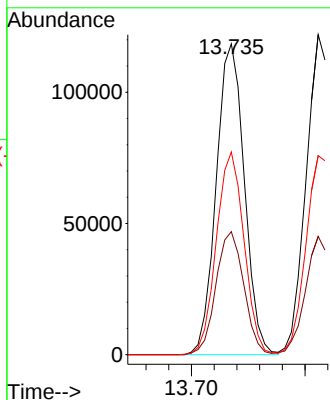
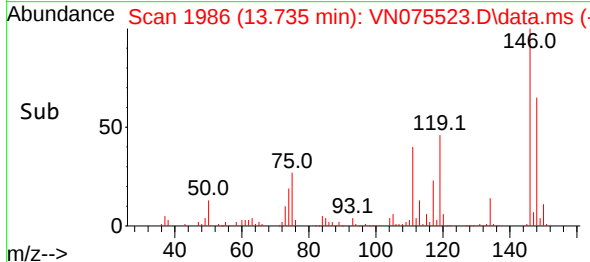
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



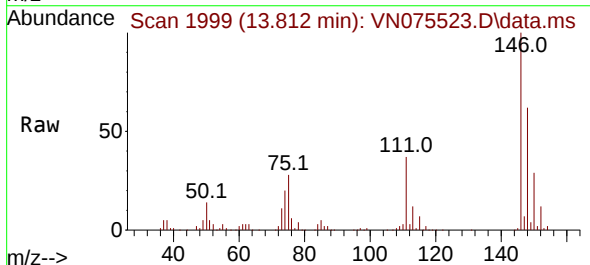
Tgt Ion:146 Resp: 20395
Ion Ratio Lower Upper
146 100
111 39.2 20.8 62.5
148 64.3 31.1 93.5

Manual Integrations
APPROVED

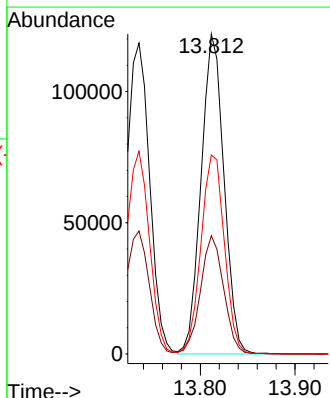
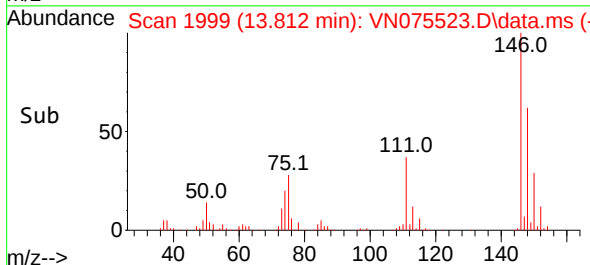
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

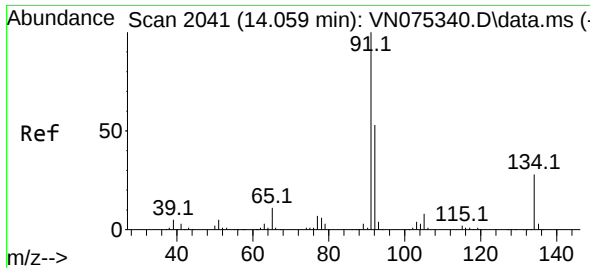


#88
1,4-Dichlorobenzene
Concen: 54.967 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23



Tgt Ion:146 Resp: 204382
Ion Ratio Lower Upper
146 100
111 37.6 20.1 60.3
148 63.8 31.9 95.7





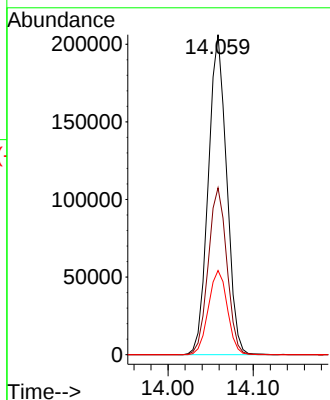
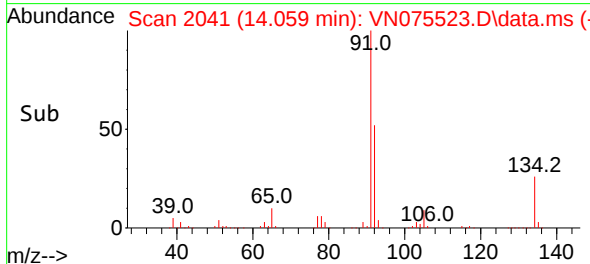
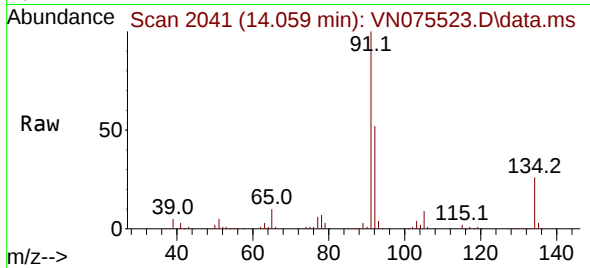
#89
n-Butylbenzene
Concen: 54.016 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 308720
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.4
134 27.2 13.0 39.0

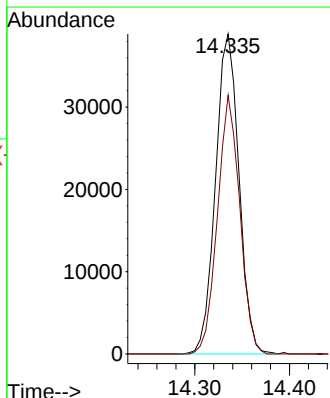
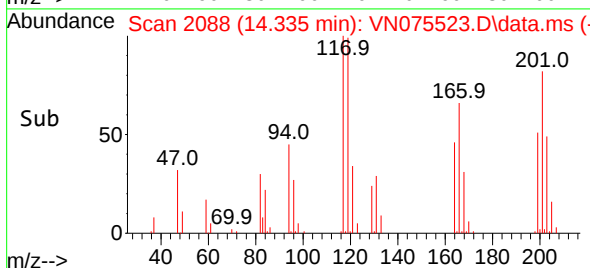
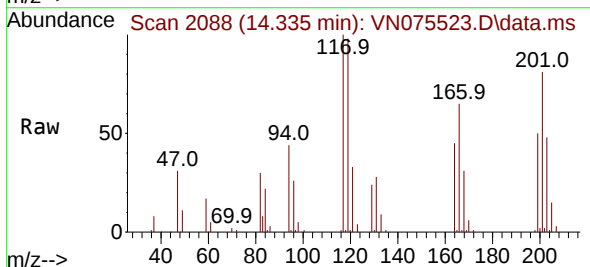
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#90
Hexachloroethane
Concen: 57.245 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

Tgt Ion:117 Resp: 66828
Ion Ratio Lower Upper
117 100
201 77.1 31.5 94.5





#91

1,2-Dichlorobenzene

Concen: 56.633 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN075523.D

Acq: 02 Dec 2022 11:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 20206

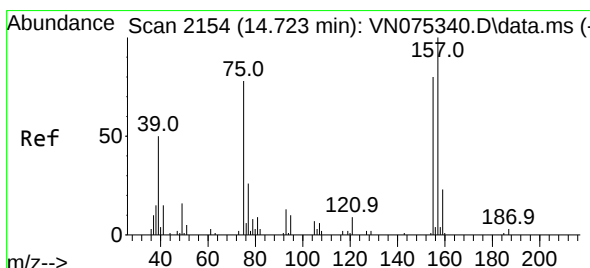
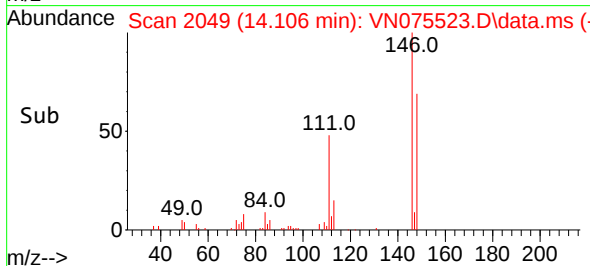
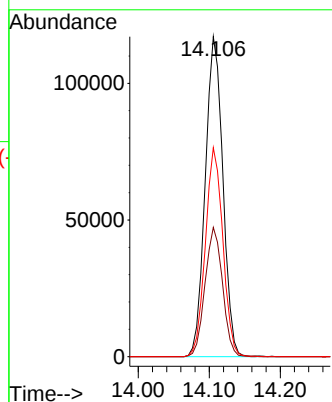
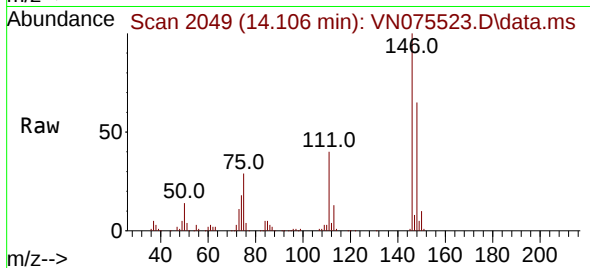
Ion	Ratio	Lower	Upper
146	100		
111	40.1	21.3	63.9
148	64.7	31.4	94.2

Manual Integrations

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Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.333 ug/l

RT: 14.723 min Scan# 2154

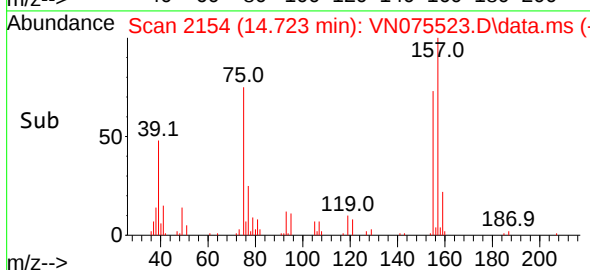
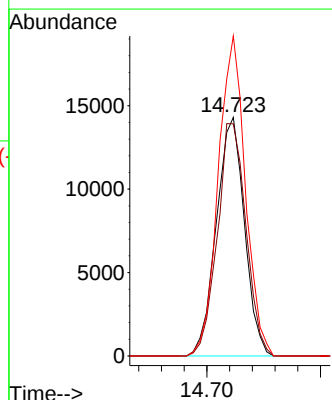
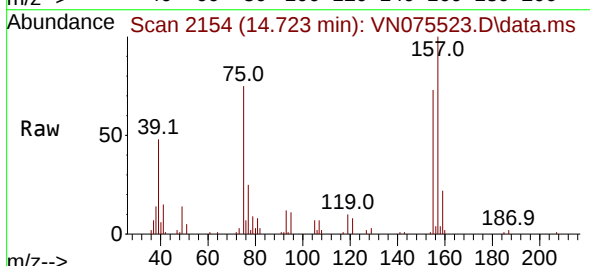
Delta R.T. 0.000 min

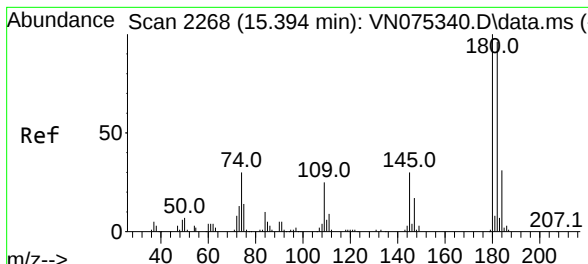
Lab File: VN075523.D

Acq: 02 Dec 2022 11:23

Tgt Ion: 75 Resp: 24555

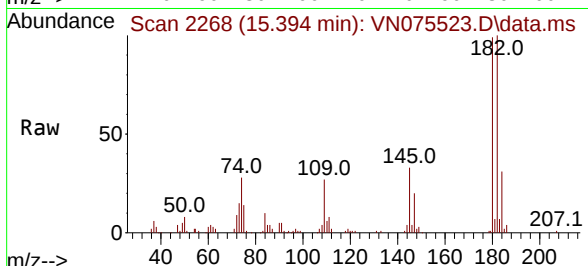
Ion	Ratio	Lower	Upper
75	100		
155	99.3	42.1	126.3
157	129.4	51.7	155.1





#93
1,2,4-Trichlorobenzene
Concen: 57.145 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

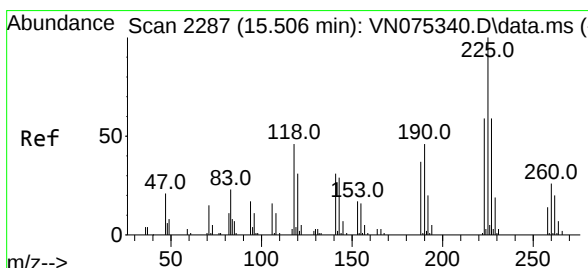
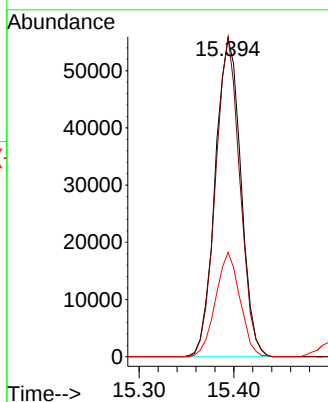
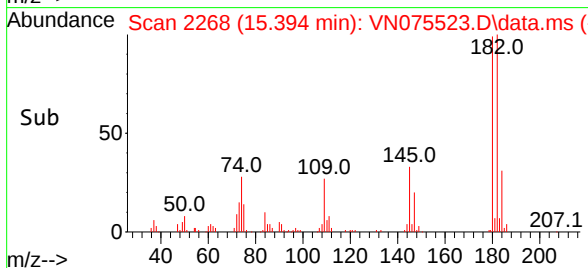
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



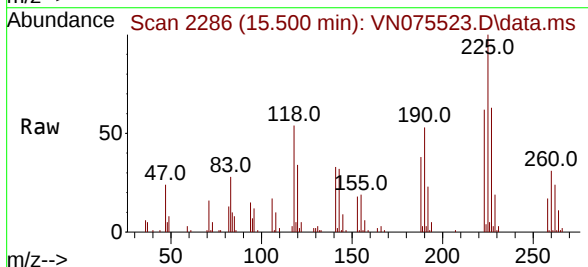
Tgt Ion:180 Resp: 10448
Ion Ratio Lower Upper
180 100
182 95.3 47.8 143.4
145 31.2 16.8 50.3

Manual Integrations
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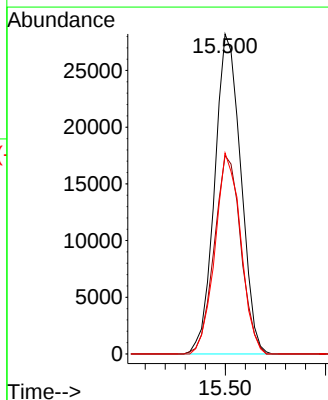
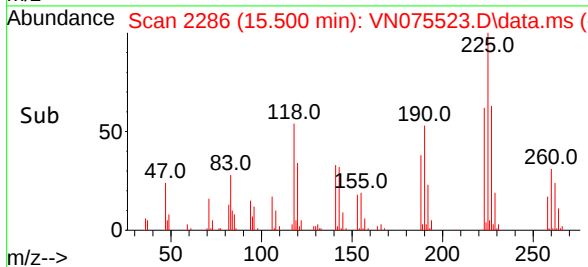
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

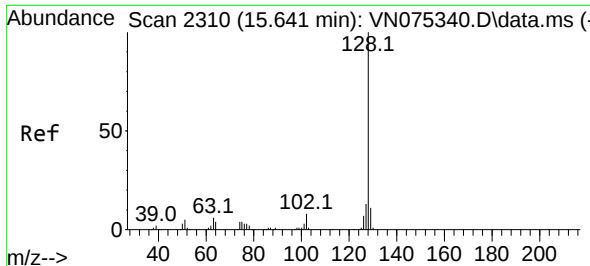


#94
Hexachlorobutadiene
Concen: 53.685 ug/l
RT: 15.500 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23



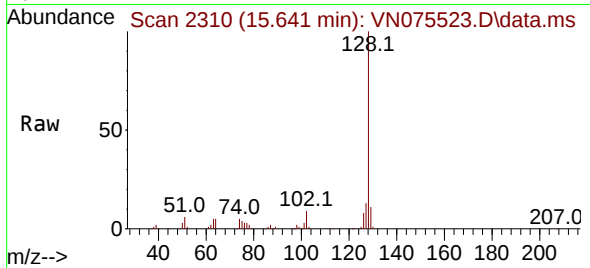
Tgt Ion:225 Resp: 51130
Ion Ratio Lower Upper
225 100
223 63.2 32.3 96.9
227 61.6 32.0 96.2





#95
Naphthalene
Concen: 54.769 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23

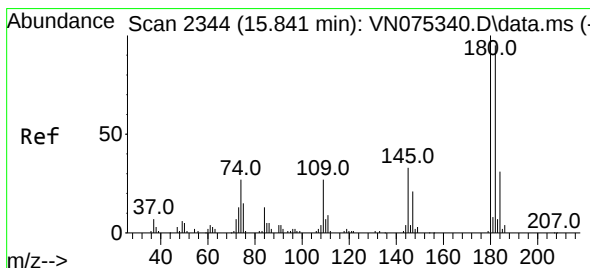
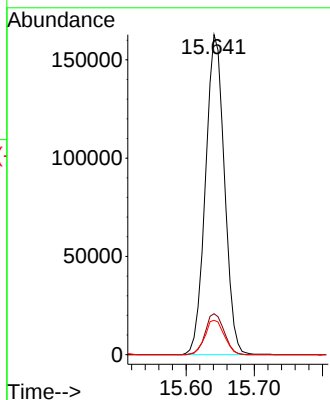
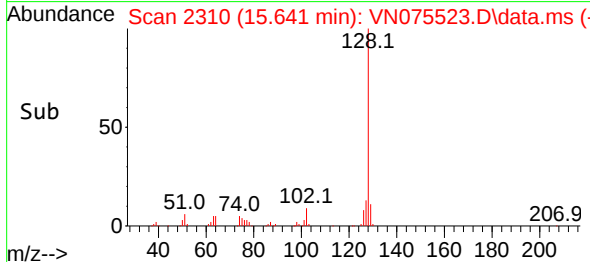
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



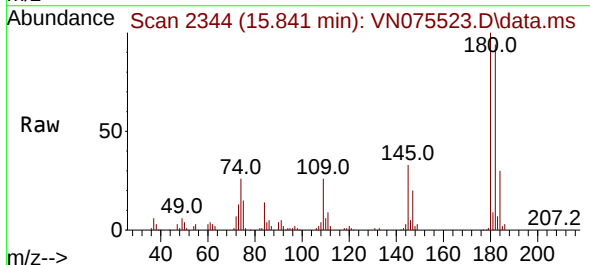
Tgt Ion:128 Resp: 315048
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#96
1,2,3-Trichlorobenzene
Concen: 55.533 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075523.D
Acq: 02 Dec 2022 11:23



Tgt Ion:180 Resp: 99798
Ion Ratio Lower Upper
180 100
182 97.0 47.3 141.8
145 33.5 17.6 52.9

