

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111522\
 Data File : VN075285.D
 Acq On : 15 Nov 2022 16:49
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 16 01:03:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/16/2022
 Supervised By : Mahesh Dadoda 11/16/2022

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	124582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	214174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	201719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	112198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	70385	41.931	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.860%		
35) Dibromofluoromethane	8.171	113	64490	51.292	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.580%		
50) Toluene-d8	10.565	98	231464	47.450	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.900%		
62) 4-Bromofluorobenzene	12.847	95	89749	52.376	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	66358	40.945	ug/l	97
3) Chloromethane	2.371	50	69384	40.306	ug/l	96
4) Vinyl Chloride	2.524	62	97633	39.756	ug/l	96
5) Bromomethane	2.924	94	96453	55.391	ug/l	96
6) Chloroethane	3.106	64	69575	39.509	ug/l	99
7) Trichlorofluoromethane	3.500	101	126365	50.371	ug/l	96
8) Diethyl Ether	3.965	74	46173	50.461	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	71825	51.843	ug/l	98
10) Methyl Iodide	4.594	142	109003	52.849	ug/l	97
11) Tert butyl alcohol	5.524	59	67260	171.821	ug/l	99
12) 1,1-Dichloroethene	4.347	96	68850	52.136	ug/l	93
13) Acrolein	4.189	56	59799	186.762	ug/l	99
14) Allyl chloride	5.024	41	93973	48.722	ug/l	96
15) Acrylonitrile	5.724	53	184395	222.990	ug/l	98
16) Acetone	4.436	43	155744	219.123	ug/l	95
17) Carbon Disulfide	4.718	76	161560	48.649	ug/l	99
18) Methyl Acetate	5.030	43	103000	44.365	ug/l	97
19) Methyl tert-butyl Ether	5.800	73	240735	49.046	ug/l	98
20) Methylene Chloride	5.283	84	78969	49.831	ug/l	94
21) trans-1,2-Dichloroethene	5.794	96	75118	51.951	ug/l	92
22) Diisopropyl ether	6.677	45	211990	49.805	ug/l	99
23) Vinyl Acetate	6.606	43	840521m	236.478	ug/l	
24) 1,1-Dichloroethane	6.571	63	134055	49.798	ug/l	97
25) 2-Butanone	7.488	43	239116	213.887	ug/l	99
26) 2,2-Dichloropropane	7.488	77	118814	47.977	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	91613	53.055	ug/l	95
28) Bromochloromethane	7.818	49	49242	43.393	ug/l	94
29) Tetrahydrofuran	7.841	42	154437	213.780	ug/l	99
30) Chloroform	7.965	83	147931	50.613	ug/l	98
31) Cyclohexane	8.259	56	120666	48.333	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	134347	50.617	ug/l	98
36) 1,1-Dichloropropene	8.371	75	108270	55.622	ug/l	98
37) Ethyl Acetate	7.559	43	93773	43.927	ug/l	99
38) Carbon Tetrachloride	8.365	117	116676	54.491	ug/l	99
39) Methylcyclohexane	9.600	83	144112	56.080	ug/l	99
40) Benzene	8.606	78	327764	54.994	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	50192	49.076	ug/l	98
42) 1,2-Dichloroethane	8.671	62	110843	51.118	ug/l	97
43) Isopropyl Acetate	8.688	43	157945	47.700	ug/l	98
44) Trichloroethene	9.353	130	86496	57.846	ug/l	97
45) 1,2-Dichloropropane	9.624	63	79495	56.047	ug/l	97
46) Dibromomethane	9.706	93	59926	54.230	ug/l	97
47) Bromodichloromethane	9.888	83	115030	53.754	ug/l	99
48) Methyl methacrylate	9.676	41	75168	49.488	ug/l	97
49) 1,4-Dioxane	9.700	88	37571	944.598	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	493925	231.156	ug/l	98
52) Toluene	10.629	92	220733	55.404	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	123665	54.750	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	132124	55.151	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	84513	53.498	ug/l	94
56) Ethyl methacrylate	10.871	69	126449	52.476	ug/l	98
57) 1,3-Dichloropropane	11.165	76	141052	53.616	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	229157	245.989	ug/l	99
59) 2-Hexanone	11.194	43	367693	226.729	ug/l	99
60) Dibromochloromethane	11.359	129	93196	55.917	ug/l	100
61) 1,2-Dibromoethane	11.470	107	89337	55.183	ug/l	100
64) Tetrachloroethene	11.100	164	77118	62.357	ug/l	94
65) Chlorobenzene	11.888	112	240221	55.791	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	89050	55.752	ug/l	99
67) Ethyl Benzene	11.965	91	437846	56.521	ug/l	98
68) m/p-Xylenes	12.070	106	350133	112.644	ug/l	100
69) o-Xylene	12.394	106	173520	56.448	ug/l	96
70) Styrene	12.412	104	285427	58.234	ug/l	98
71) Bromoform	12.576	173	68042	56.898	ug/l #	100
73) Isopropylbenzene	12.694	105	448267	49.766	ug/l	98
74) N-amyl acetate	12.494	43	143548	43.089	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	128511	49.314	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	109035m	45.770	ug/l	
77) Bromobenzene	12.982	156	106651	53.774	ug/l	88
78) n-propylbenzene	13.035	91	525528	51.966	ug/l	100
79) 2-Chlorotoluene	13.123	91	308117	49.859	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	394900	52.198	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	39095	42.127	ug/l	97
82) 4-Chlorotoluene	13.123	91	308117	49.859	ug/l	97
83) tert-Butylbenzene	13.435	119	350805	52.184	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	401583	52.463	ug/l	98
85) sec-Butylbenzene	13.617	105	499024	53.064	ug/l	99
86) p-Isopropyltoluene	13.729	119	432926	55.742	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	217819	56.092	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	218826	56.939	ug/l	98
89) n-Butylbenzene	14.053	91	363371	58.100	ug/l	99
90) Hexachloroethane	14.335	117	68703	48.247	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	215430	55.803	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24200	39.830	ug/l	83
93) 1,2,4-Trichlorobenzene	15.394	180	107427	64.666	ug/l	99
94) Hexachlorobutadiene	15.500	225	51889	64.071	ug/l	99
95) Naphthalene	15.641	128	345570	54.092	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	104240	63.152	ug/l	98

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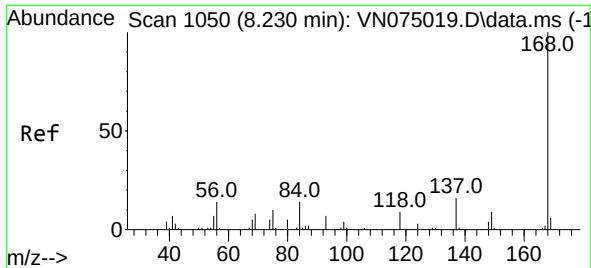
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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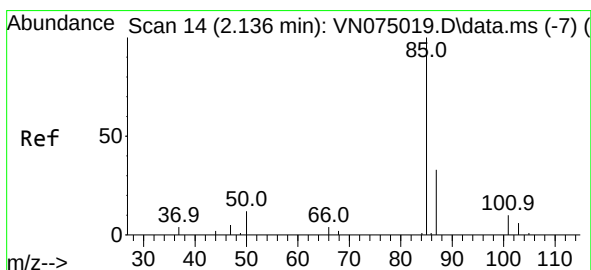
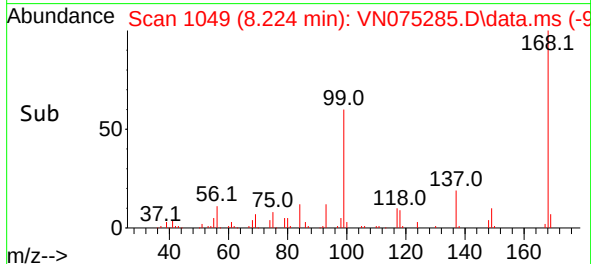
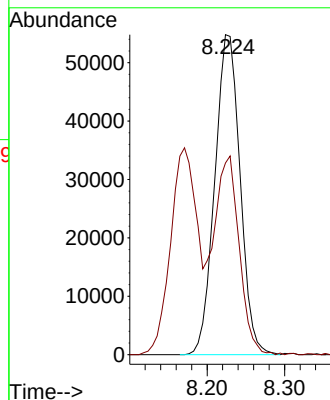
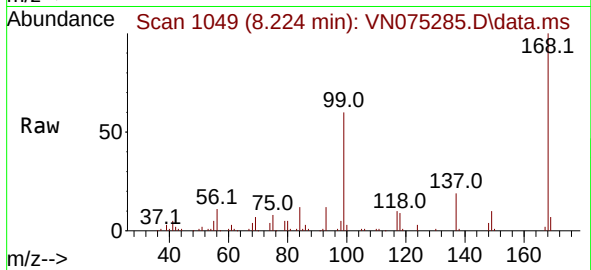
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

Instrument :
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VSTDCCC050EC

Tgt Ion:168 Resp: 12458
Ion Ratio Lower Upper
168 100
99 59.4 51.6 77.4

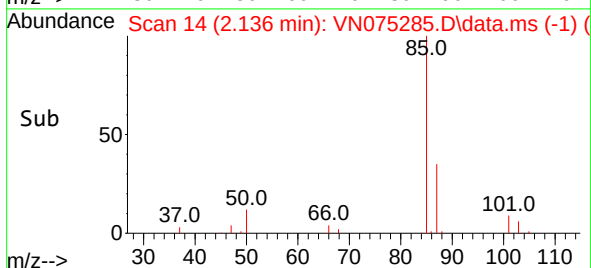
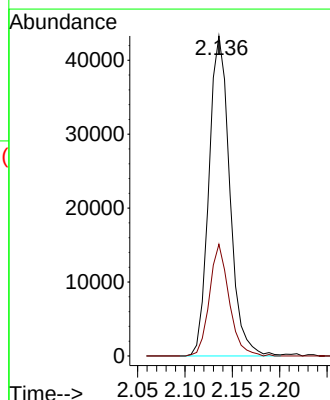
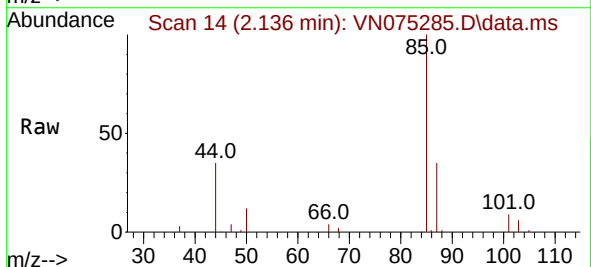
Manual Integrations
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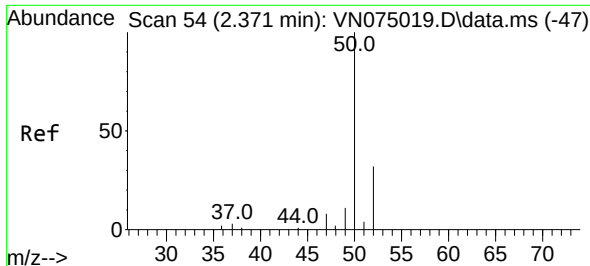
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#2
Dichlorodifluoromethane
Concen: 40.945 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

Tgt Ion: 85 Resp: 66358
Ion Ratio Lower Upper
85 100
87 34.9 16.7 50.0





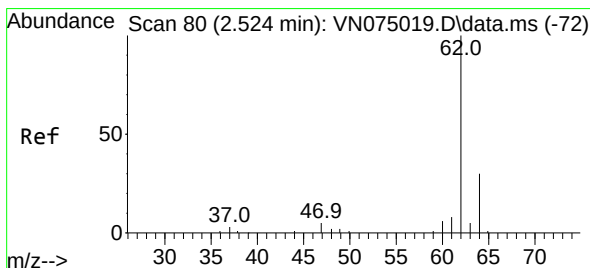
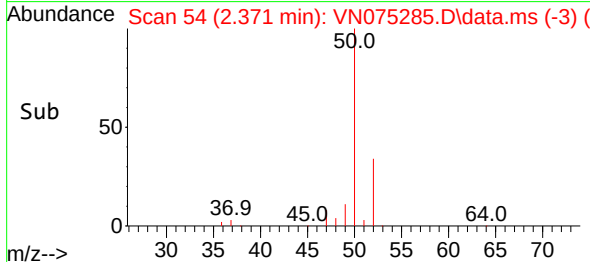
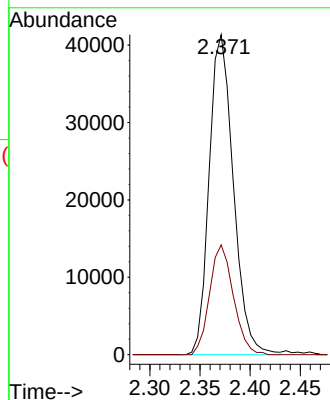
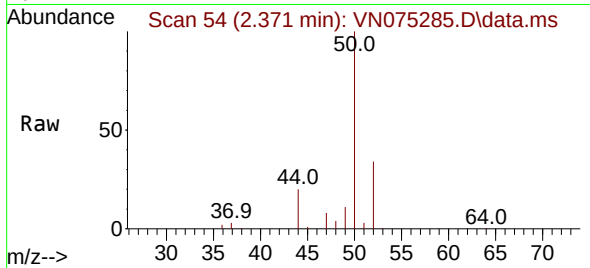
#3
Chloromethane
Concen: 40.306 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 69384
Ion Ratio Lower Upper
50 100
52 34.3 25.8 38.6

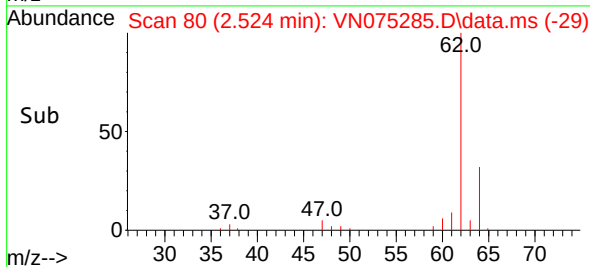
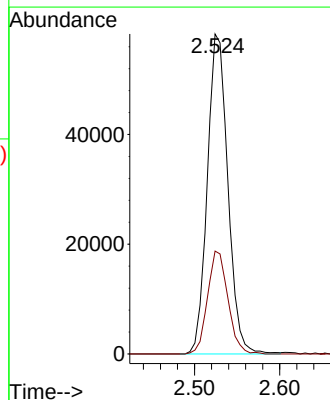
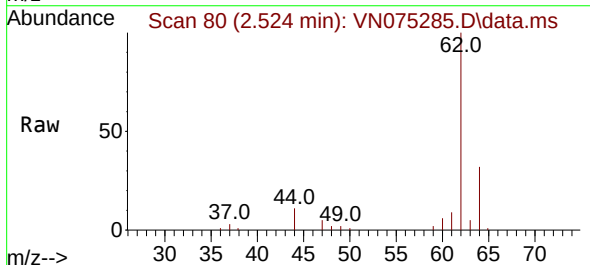
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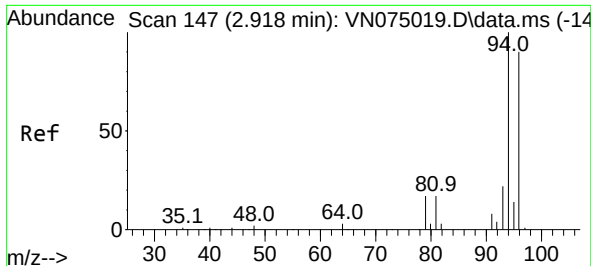
Reviewed By :John Carlone 11/16/2022
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#4
Vinyl Chloride
Concen: 39.756 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

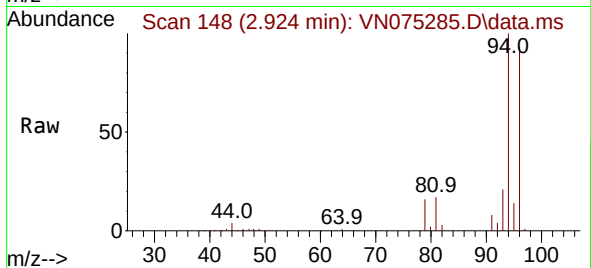
Tgt Ion: 62 Resp: 97633
Ion Ratio Lower Upper
62 100
64 32.1 24.0 36.0





#5
Bromomethane
Concen: 55.391 ug/l
RT: 2.924 min Scan# 147
Delta R.T. 0.006 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

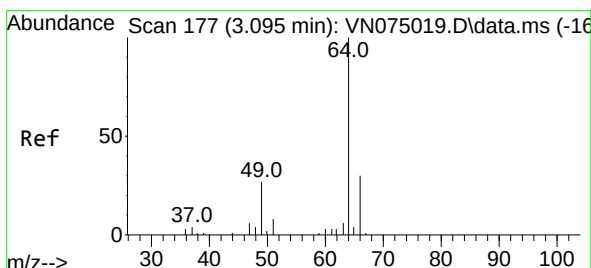
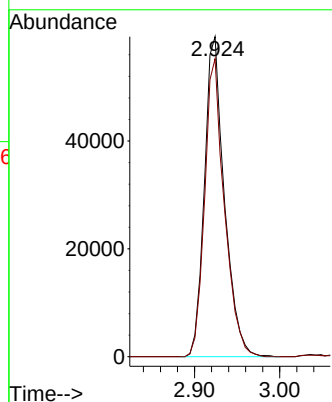
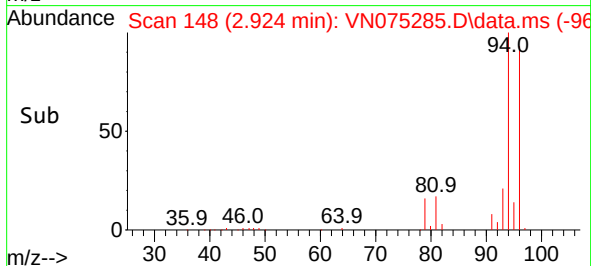
Instrument :
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Tgt Ion: 94 Resp: 9645
Ion Ratio Lower Upper
94 100
96 93.1 71.8 107.6

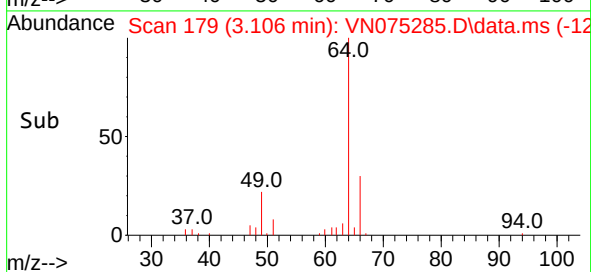
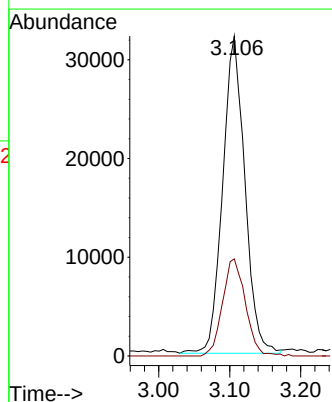
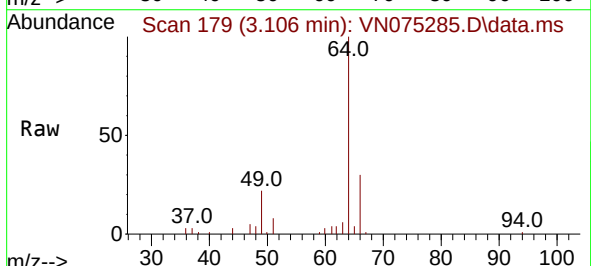
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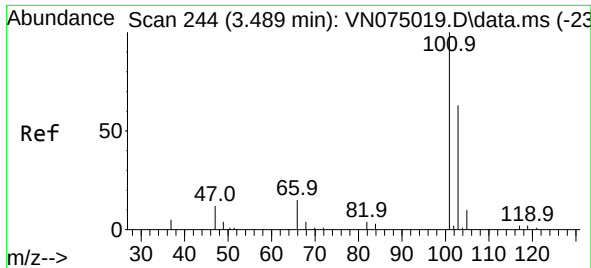
Reviewed By :John Carlone 11/16/2022
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#6
Chloroethane
Concen: 39.509 ug/l
RT: 3.106 min Scan# 179
Delta R.T. 0.011 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

Tgt Ion: 64 Resp: 69575
Ion Ratio Lower Upper
64 100
66 30.6 23.8 35.8





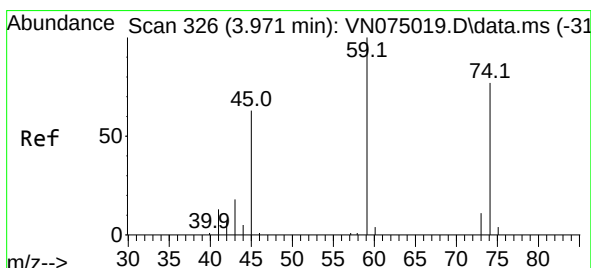
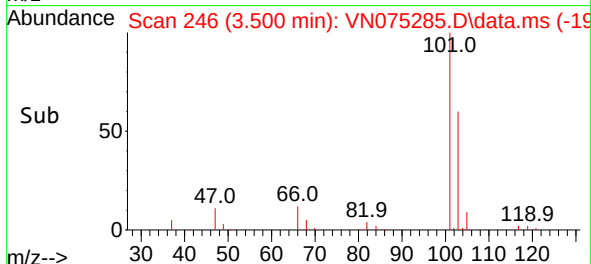
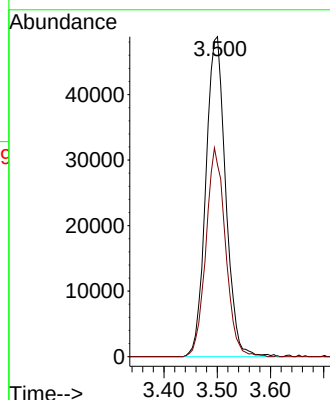
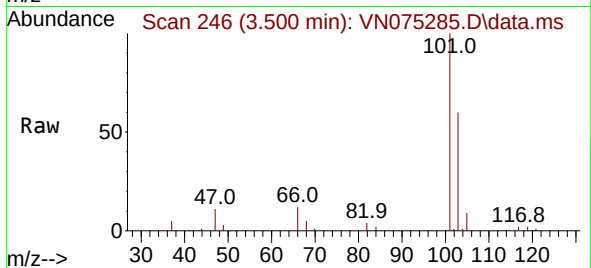
#7
Trichlorofluoromethane
Concen: 50.371 ug/l
RT: 3.500 min Scan# 244
Delta R.T. 0.011 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 12636
Ion Ratio Lower Upper
101 100
103 60.0 50.5 75.7

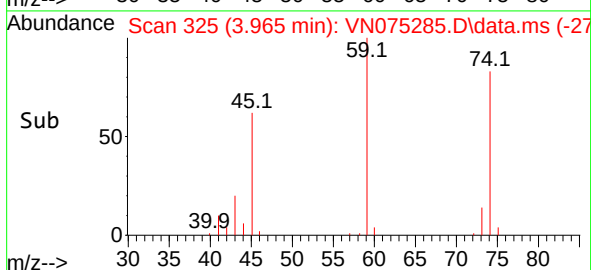
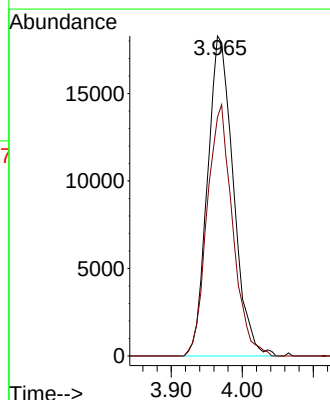
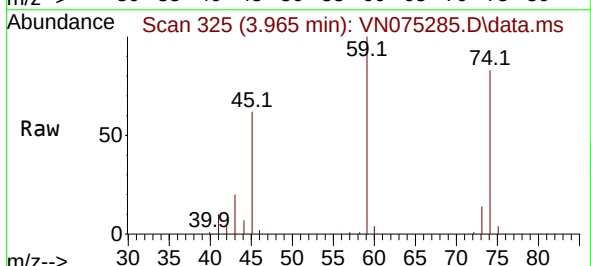
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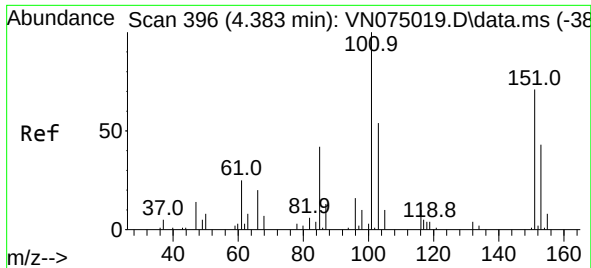
Reviewed By :John Carlone 11/16/2022
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#8
Diethyl Ether
Concen: 50.461 ug/l
RT: 3.965 min Scan# 325
Delta R.T. -0.006 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

Tgt Ion: 74 Resp: 46173
Ion Ratio Lower Upper
74 100
45 77.6 39.3 117.9





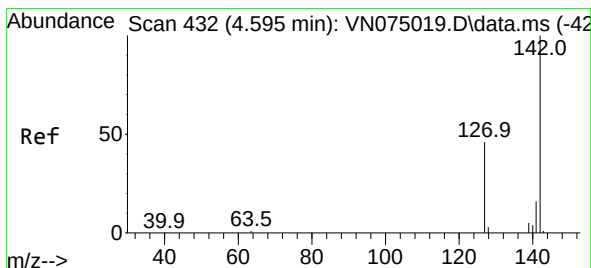
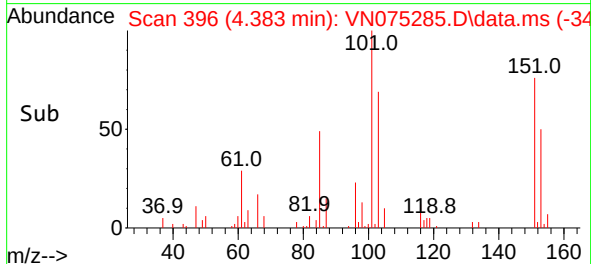
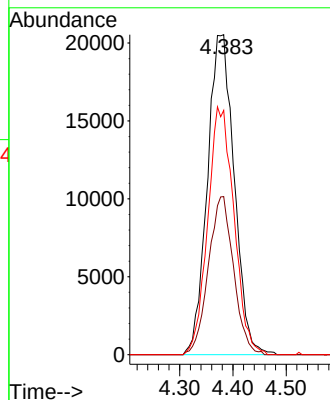
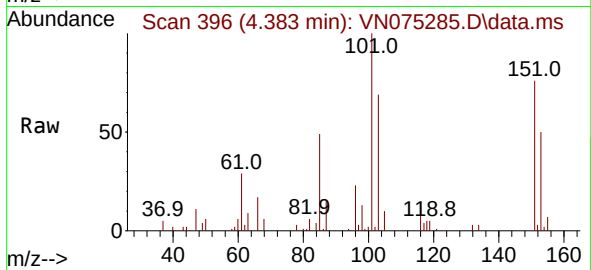
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.843 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 71825
Ion Ratio Lower Upper
101 100
85 46.4 37.6 56.4
151 75.7 58.3 87.5

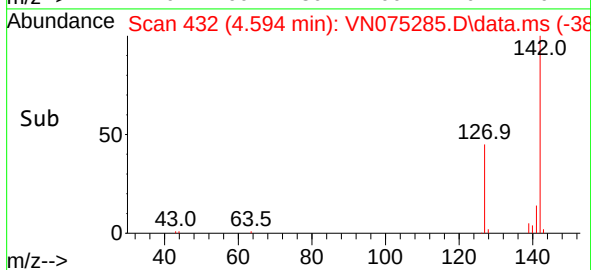
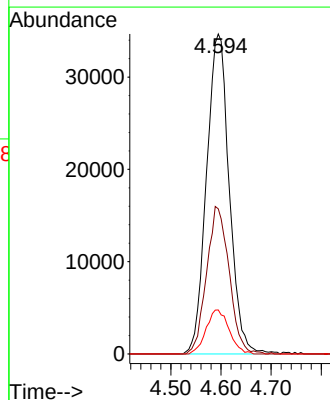
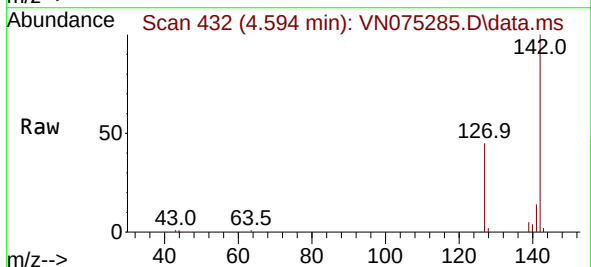
Manual Integrations
APPROVED

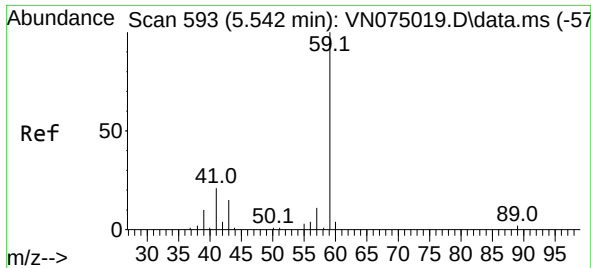
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#10
Methyl Iodide
Concen: 52.849 ug/l
RT: 4.594 min Scan# 432
Delta R.T. -0.001 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

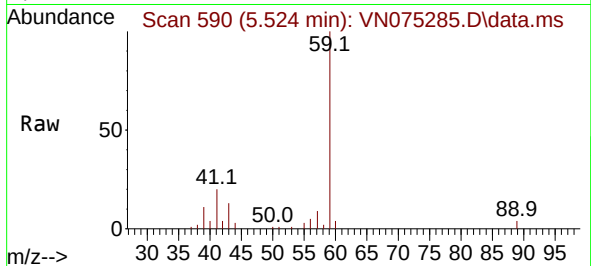
Tgt Ion:142 Resp: 109003
Ion Ratio Lower Upper
142 100
127 45.8 38.0 57.0
141 14.0 12.2 18.4





#11
Tert butyl alcohol
Concen: 171.821 ug/l
RT: 5.524 min Scan# 593
Delta R.T. -0.018 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

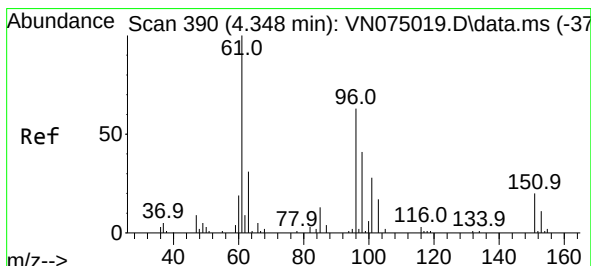
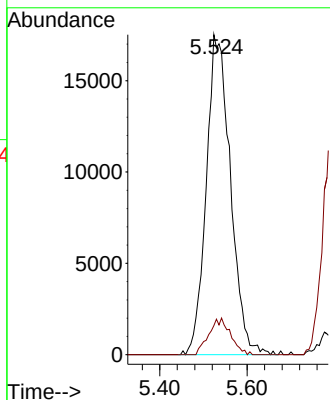
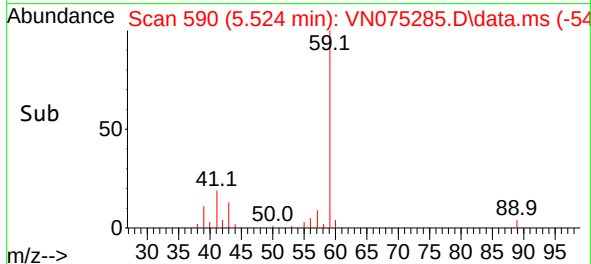
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



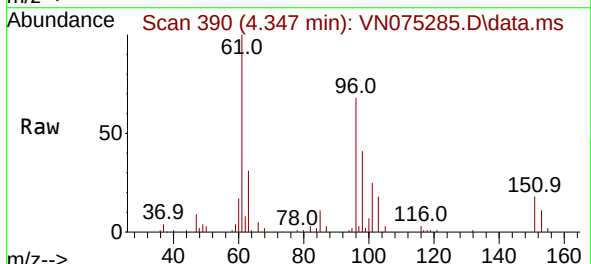
Tgt Ion: 59 Resp: 67260
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

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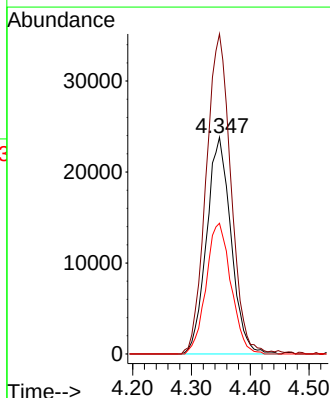
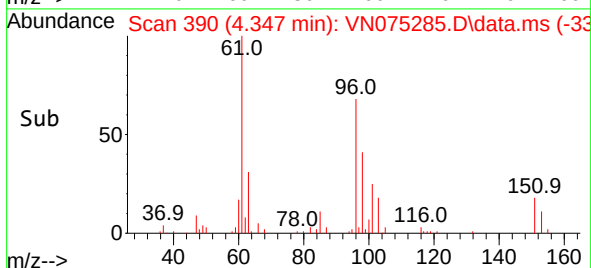
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

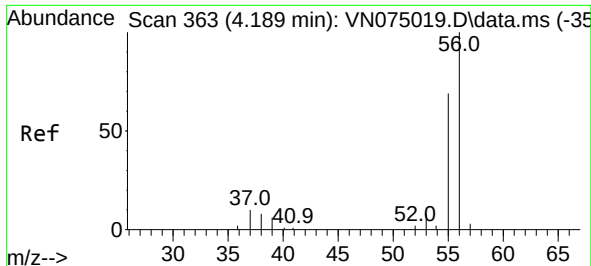


#12
1,1-Dichloroethene
Concen: 52.136 ug/l
RT: 4.347 min Scan# 390
Delta R.T. -0.001 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49



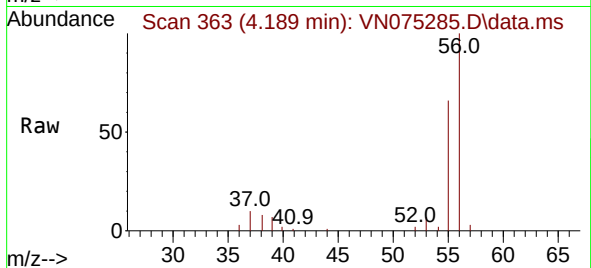
Tgt Ion: 96 Resp: 68850
Ion Ratio Lower Upper
96 100
61 147.7 126.2 189.4
98 60.4 51.5 77.3





#13
Acrolein
Concen: 186.762 ug/l
RT: 4.189 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

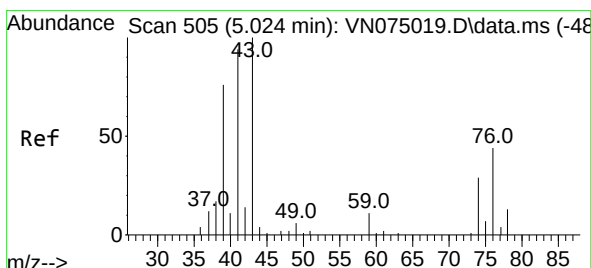
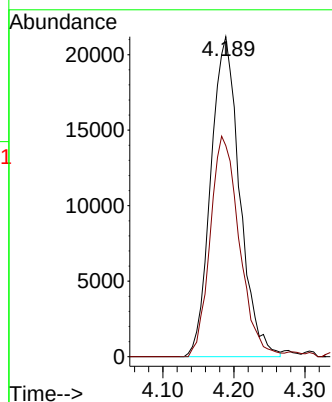
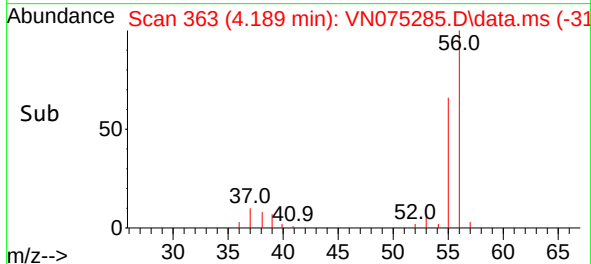
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



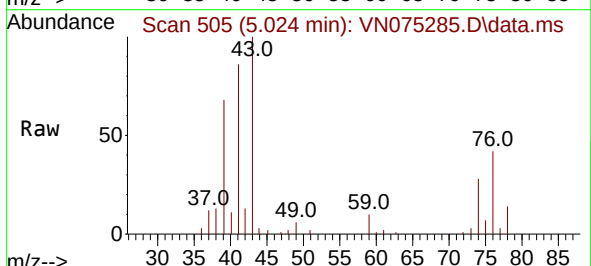
Tgt Ion: 56 Resp: 59799
Ion Ratio Lower Upper
56 100
55 69.6 55.2 82.8

Manual Integrations
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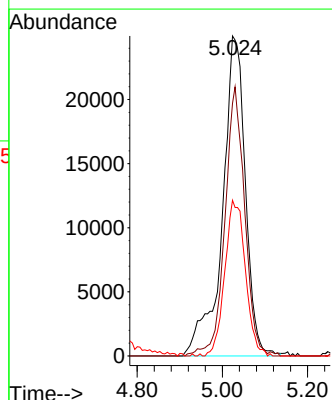
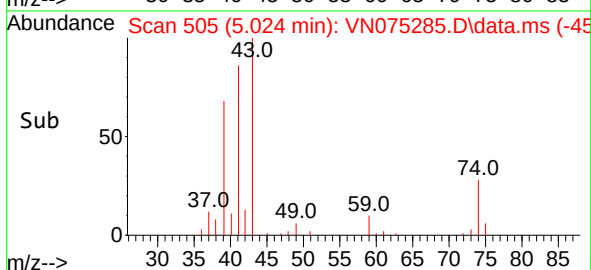
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

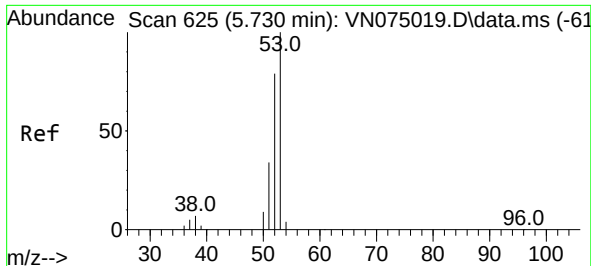


#14
Allyl chloride
Concen: 48.722 ug/l
RT: 5.024 min Scan# 505
Delta R.T. -0.000 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49



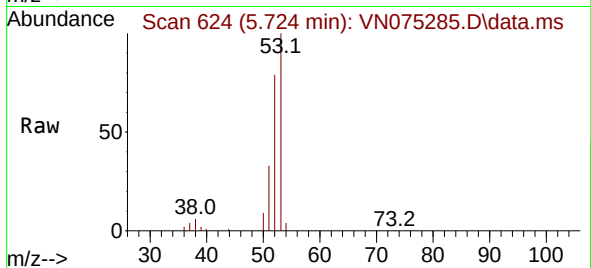
Tgt Ion: 41 Resp: 93973
Ion Ratio Lower Upper
41 100
39 72.1 61.0 91.4
76 43.3 33.4 50.0





#15
Acrylonitrile
Concen: 222.990 ug/l
RT: 5.724 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

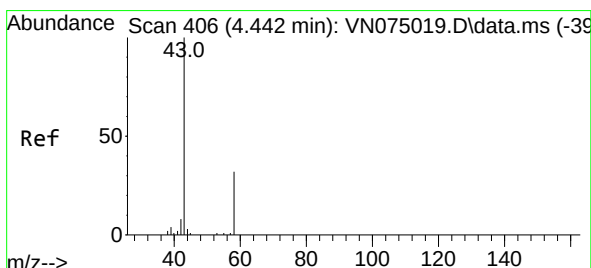
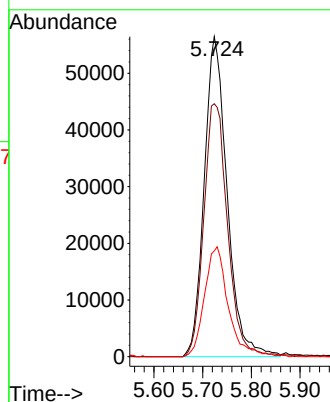
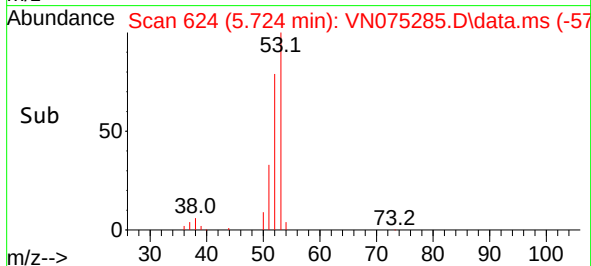
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 184395
Ion Ratio Lower Upper
53 100
52 81.9 66.4 99.6
51 35.6 29.6 44.4

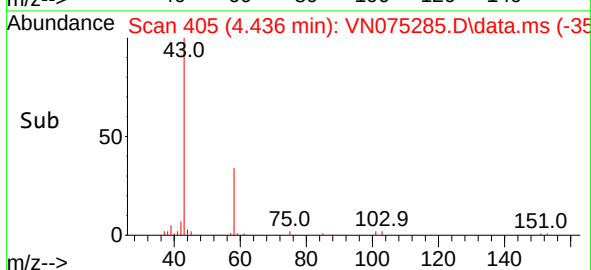
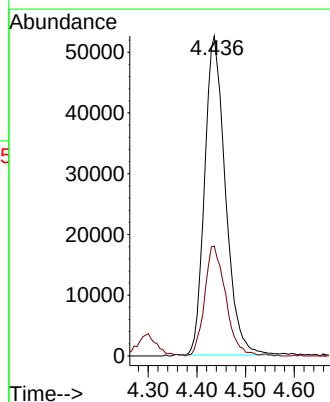
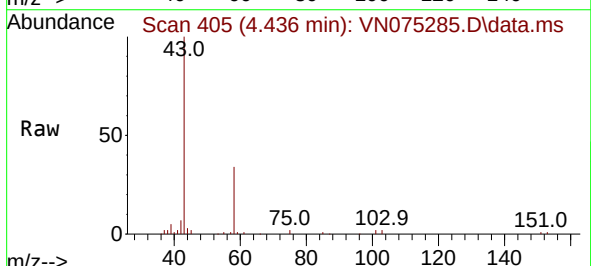
Manual Integrations
APPROVED

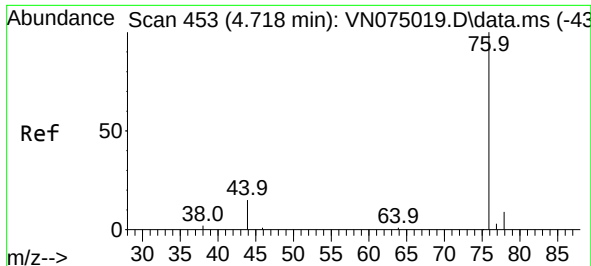
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#16
Acetone
Concen: 219.123 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

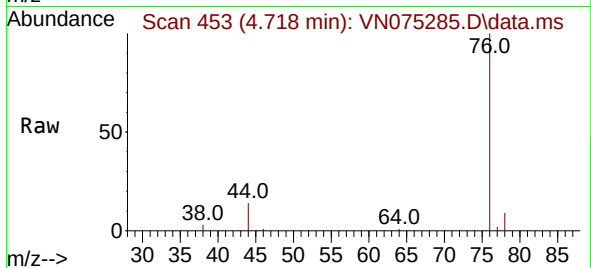
Tgt Ion: 43 Resp: 155744
Ion Ratio Lower Upper
43 100
58 34.4 25.5 38.3





#17
Carbon Disulfide
Concen: 48.649 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

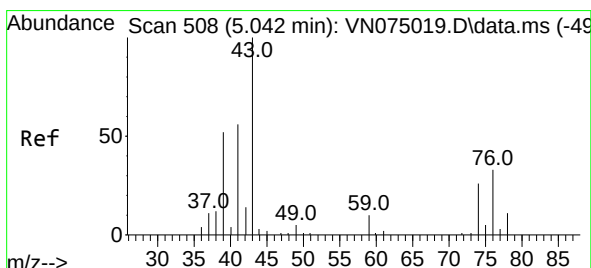
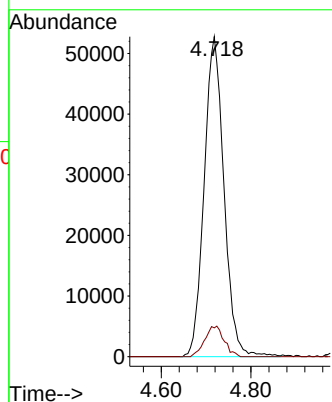
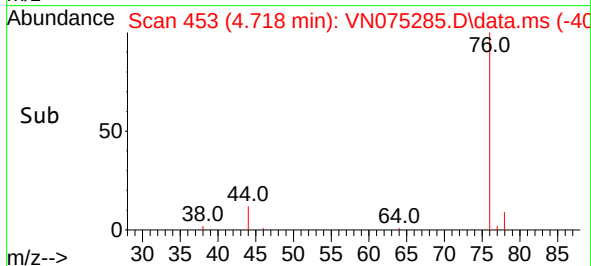
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



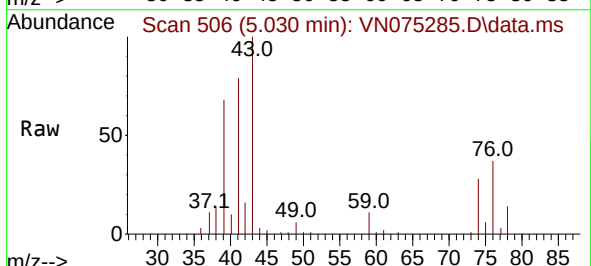
Tgt Ion: 76 Resp: 161560
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

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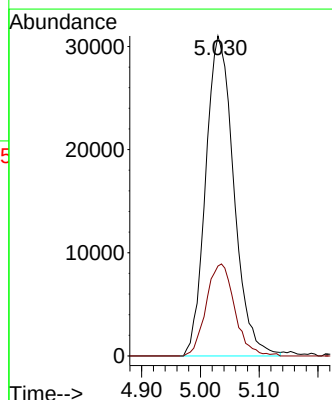
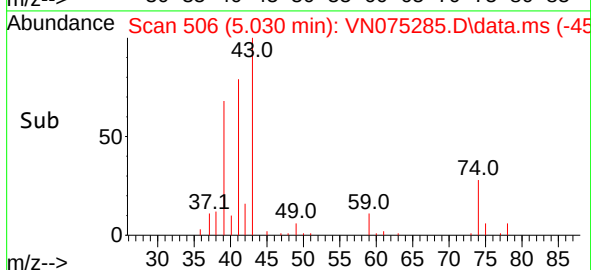
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

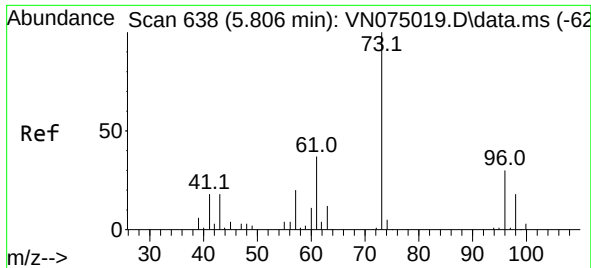


#18
Methyl Acetate
Concen: 44.365 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.012 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49



Tgt Ion: 43 Resp: 103000
Ion Ratio Lower Upper
43 100
74 29.1 22.0 33.0





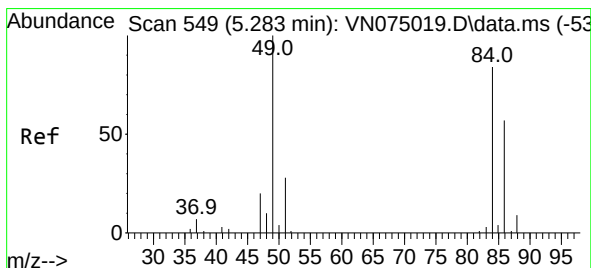
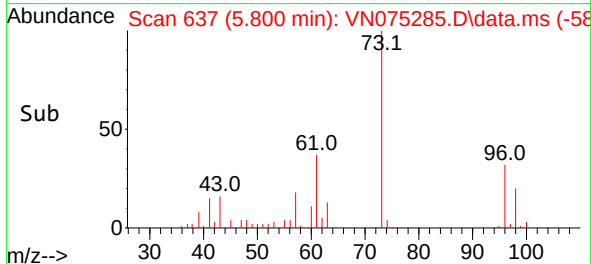
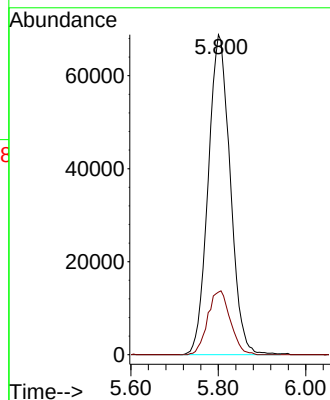
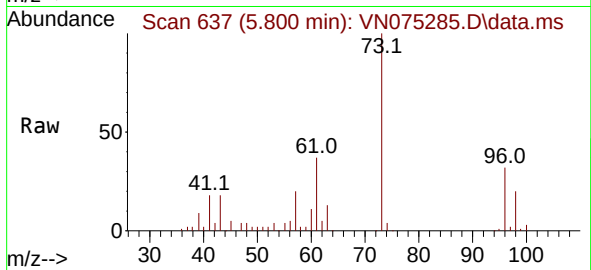
#19
Methyl tert-butyl Ether
Concen: 49.046 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 24073
Ion Ratio Lower Upper
73 100
57 19.5 16.3 24.5

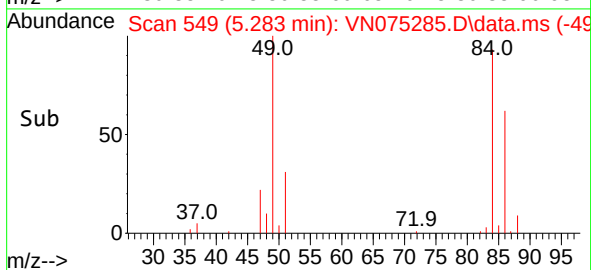
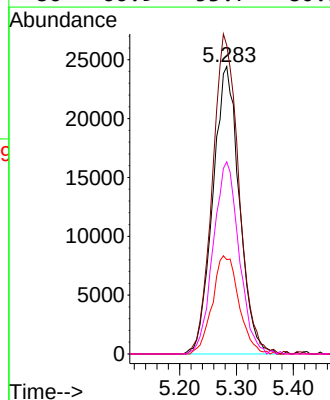
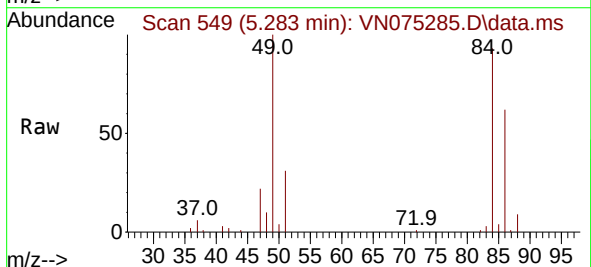
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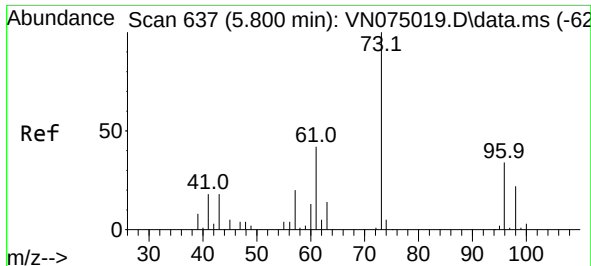
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#20
Methylene Chloride
Concen: 49.831 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

Tgt Ion: 84 Resp: 78969
Ion Ratio Lower Upper
84 100
49 107.4 94.9 142.3
51 32.9 26.8 40.2
86 66.9 53.7 80.5





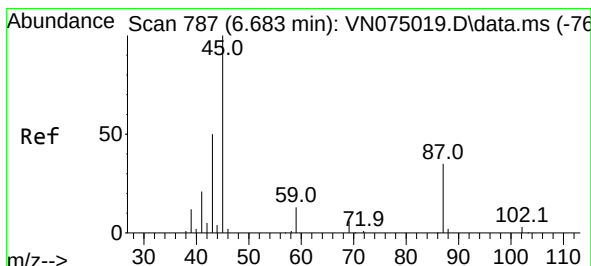
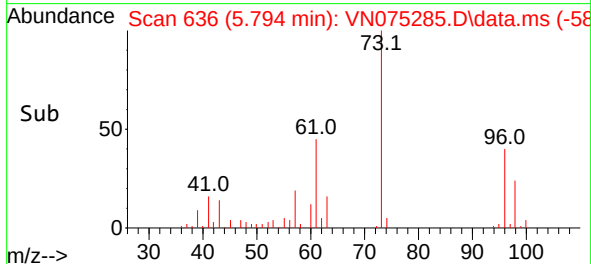
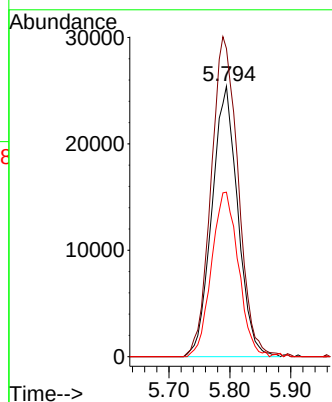
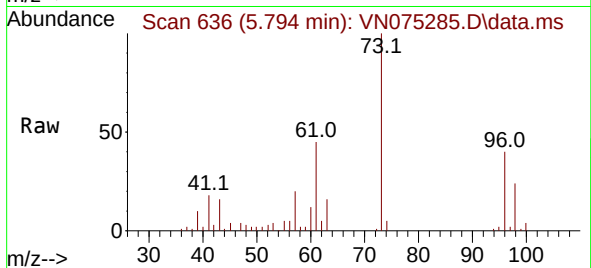
#21
trans-1,2-Dichloroethene
Concen: 51.951 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 75118
Ion Ratio Lower Upper
96 100
61 113.9 99.9 149.9
98 60.8 51.5 77.3

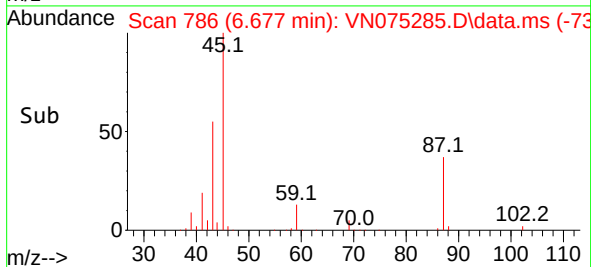
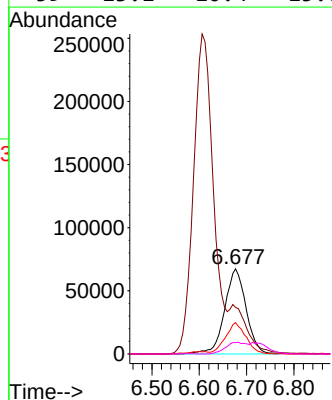
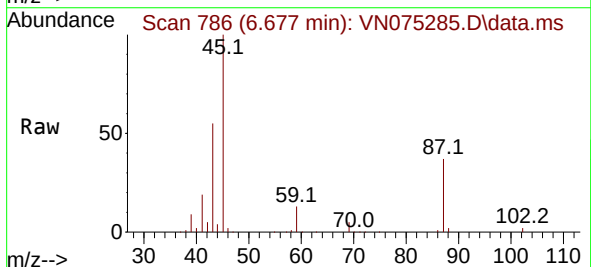
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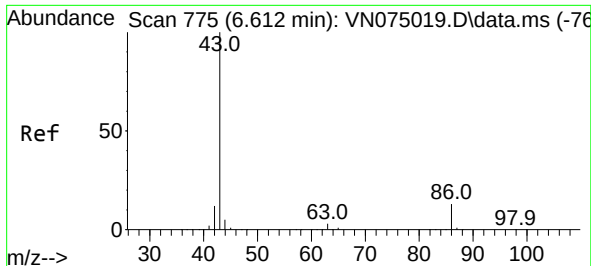
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#22
Diisopropyl ether
Concen: 49.805 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

Tgt Ion: 45 Resp: 211990
Ion Ratio Lower Upper
45 100
43 52.8 42.8 64.2
87 36.5 28.4 42.6
59 13.1 10.4 15.6





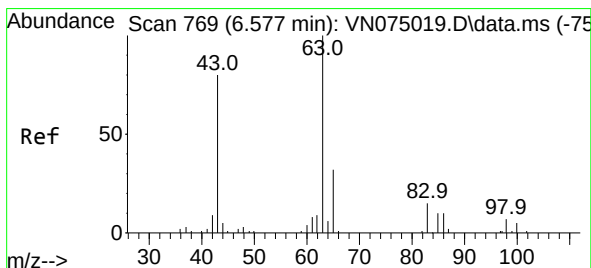
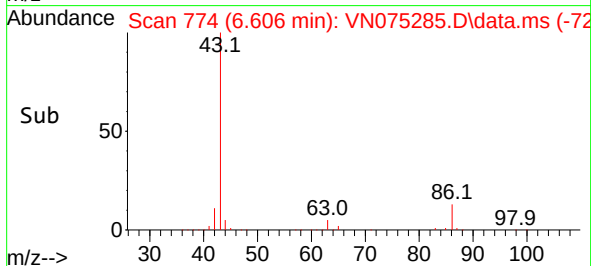
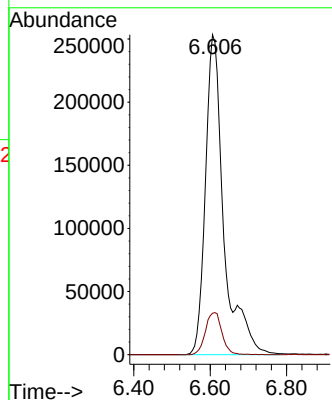
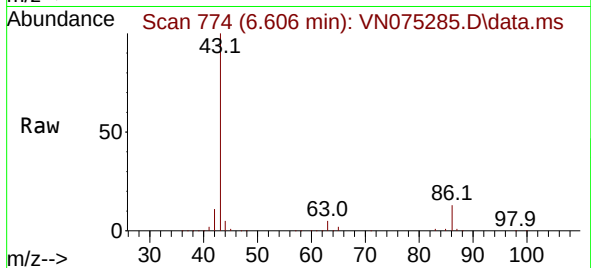
#23
 Vinyl Acetate
 Concen: 236.478 ug/l m
 RT: 6.606 min Scan# 775
 Delta R.T. -0.006 min
 Lab File: VN075285.D
 Acq: 15 Nov 2022 16:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 84052
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.7 16.1

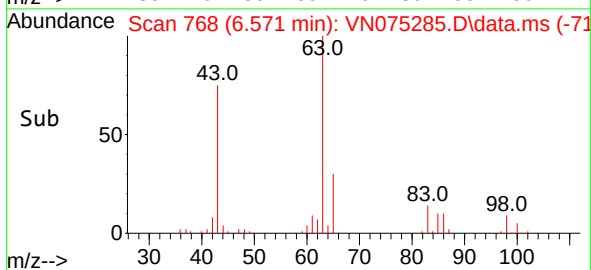
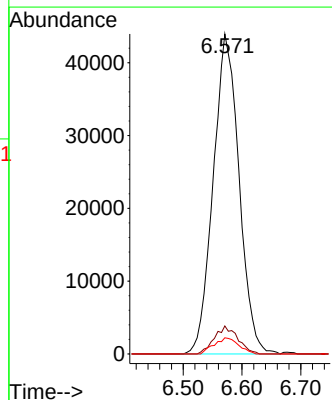
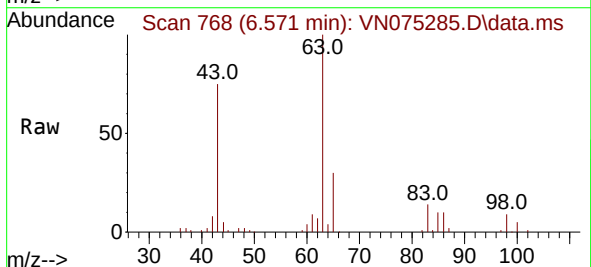
Manual Integrations
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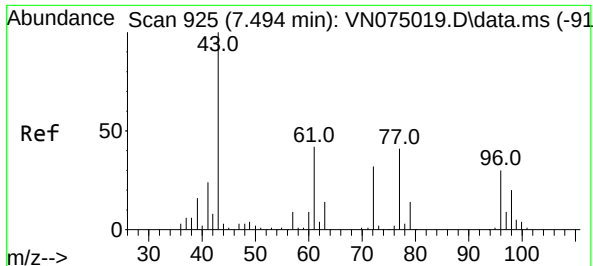
Reviewed By :John Carlone 11/16/2022
 Supervised By :Mahesh Dadoda 11/16/2022



#24
 1,1-Dichloroethane
 Concen: 49.798 ug/l
 RT: 6.571 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VN075285.D
 Acq: 15 Nov 2022 16:49

Tgt Ion: 63 Resp: 134055
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.6 10.8
 100 5.1 2.4 7.2





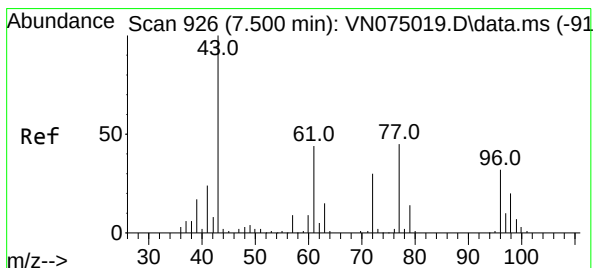
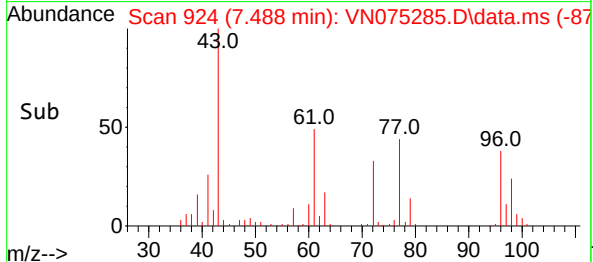
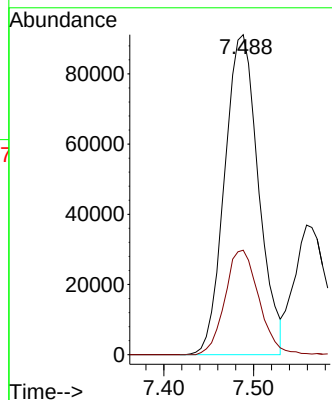
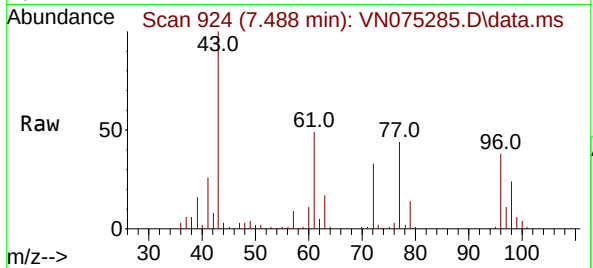
#25
2-Butanone
Concen: 213.887 ug/l
RT: 7.488 min Scan# 912
Delta R.T. -0.006 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 239110
Ion Ratio Lower Upper
43 100
72 32.6 25.5 38.3

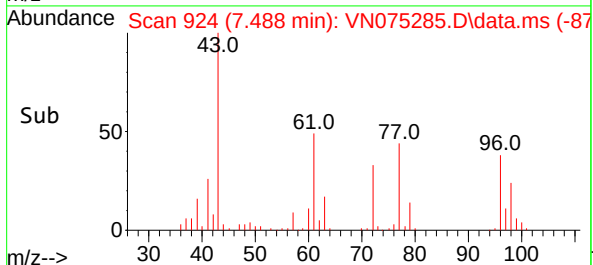
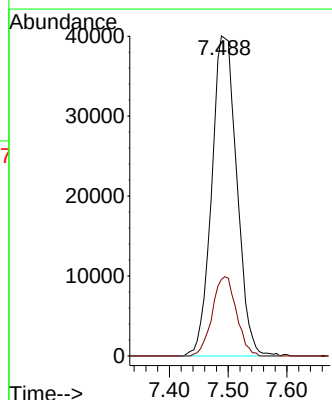
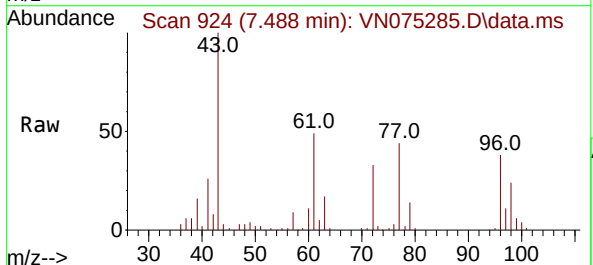
Manual Integrations
APPROVED

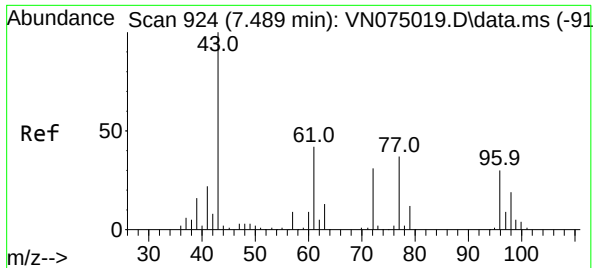
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#26
2,2-Dichloropropane
Concen: 47.977 ug/l
RT: 7.488 min Scan# 924
Delta R.T. -0.012 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

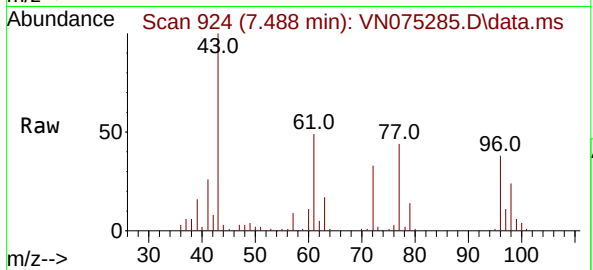
Tgt Ion: 77 Resp: 118814
Ion Ratio Lower Upper
77 100
97 23.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 53.055 ug/l
 RT: 7.488 min Scan# 91
 Delta R.T. -0.001 min
 Lab File: VN075285.D
 Acq: 15 Nov 2022 16:49

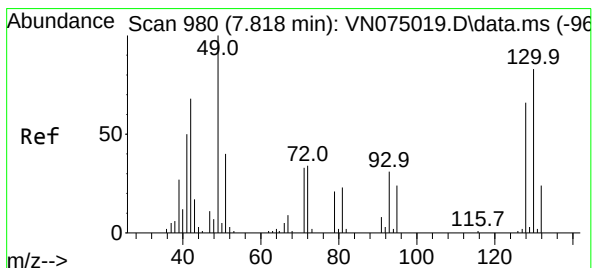
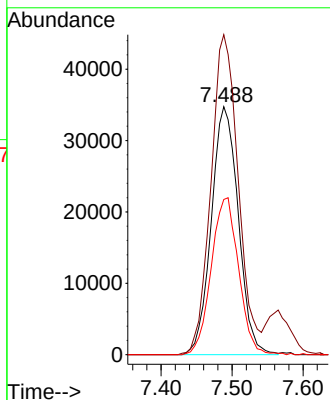
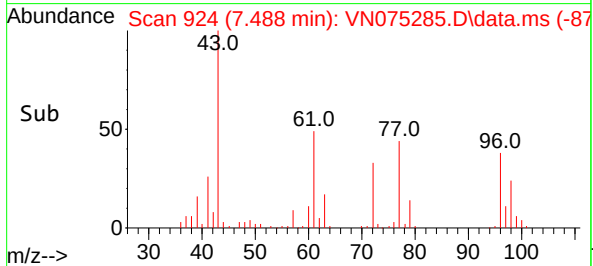
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 9161
 Ion Ratio Lower Upper
 96 100
 61 130.9 0.0 278.8
 98 64.2 0.0 128.4

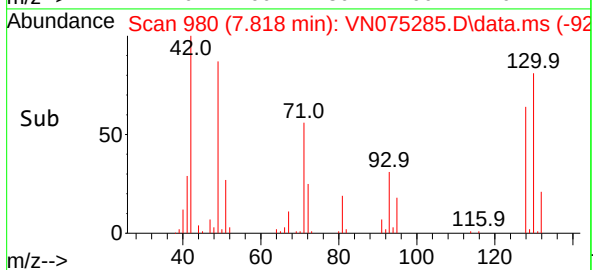
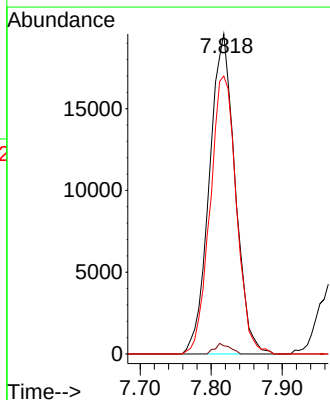
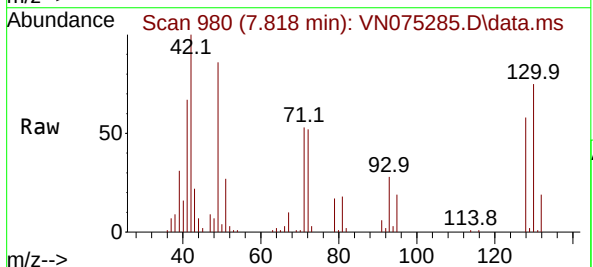
Manual Integrations
 APPROVED

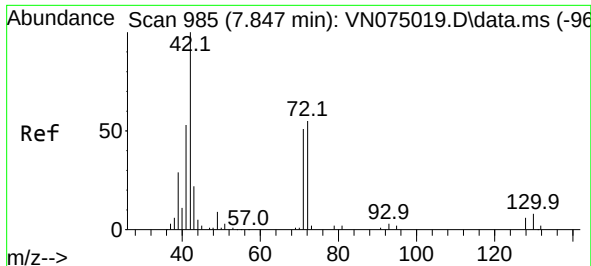
Reviewed By :John Carlone 11/16/2022
 Supervised By :Mahesh Dadoda 11/16/2022



#28
 Bromochloromethane
 Concen: 43.393 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075285.D
 Acq: 15 Nov 2022 16:49

Tgt Ion: 49 Resp: 49242
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 88.5 66.2 99.4





#29

Tetrahydrofuran

Concen: 213.780 ug/l

RT: 7.841 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075285.D

Acq: 15 Nov 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

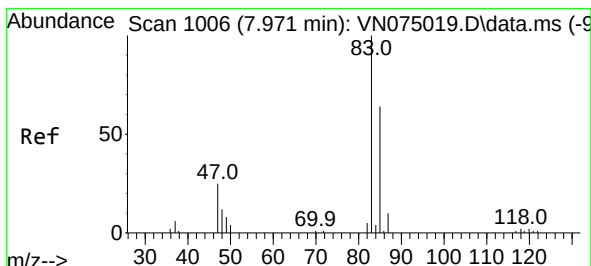
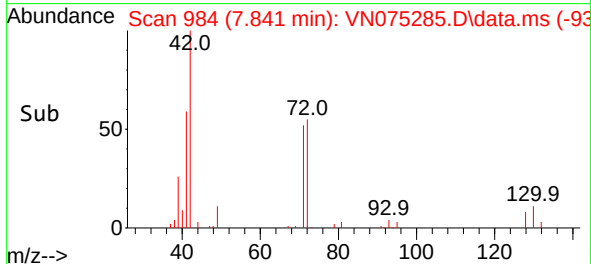
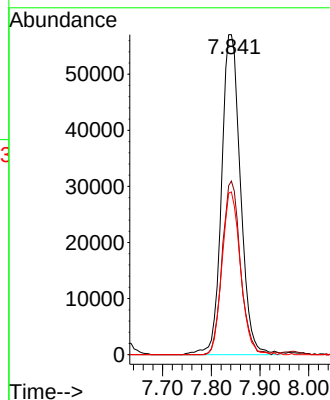
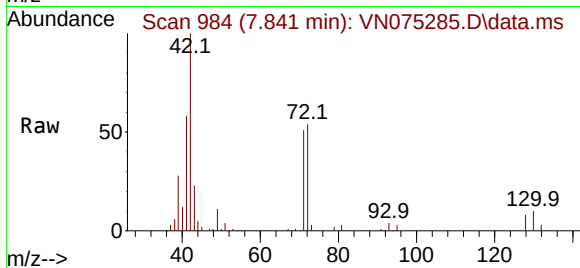
Tgt Ion: 42 Resp: 15443
 Ion Ratio Lower Upper
 42 100
 72 52.3 43.0 64.6
 71 49.8 39.9 59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#30

Chloroform

Concen: 50.613 ug/l

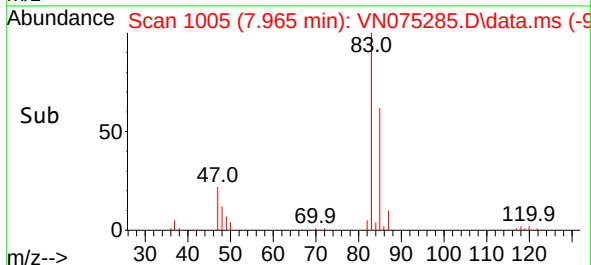
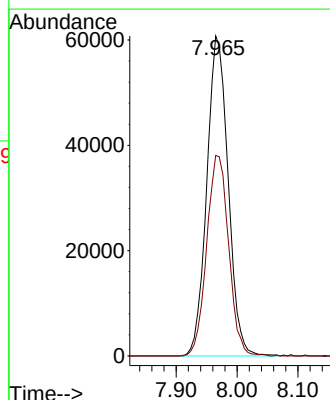
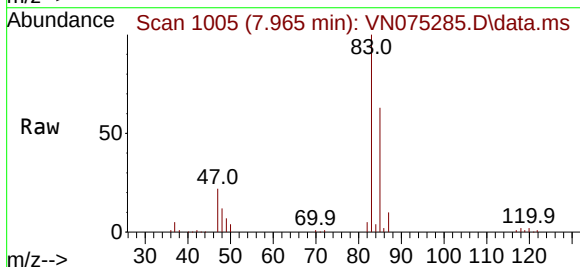
RT: 7.965 min Scan# 1005

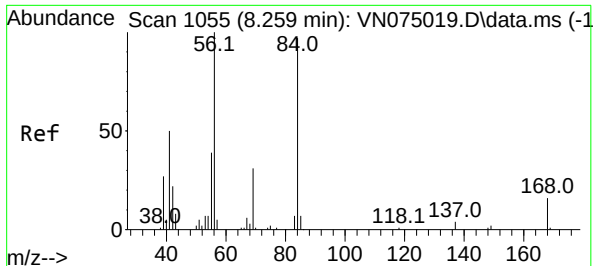
Delta R.T. -0.006 min

Lab File: VN075285.D

Acq: 15 Nov 2022 16:49

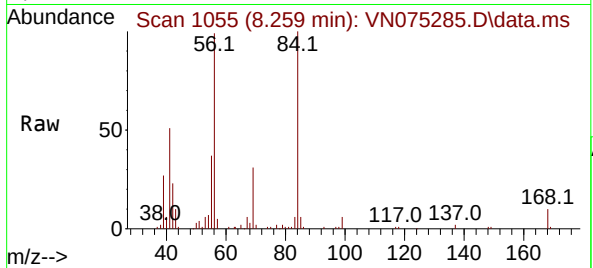
Tgt Ion: 83 Resp: 147931
 Ion Ratio Lower Upper
 83 100
 85 62.7 51.4 77.0





#31
Cyclohexane
Concen: 48.333 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

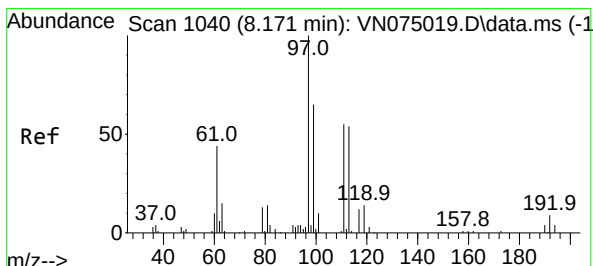
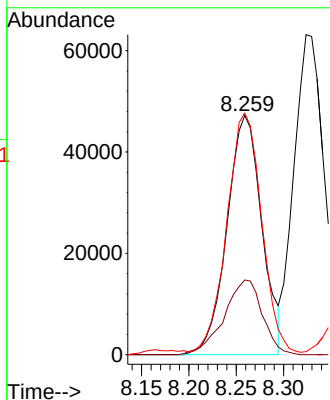
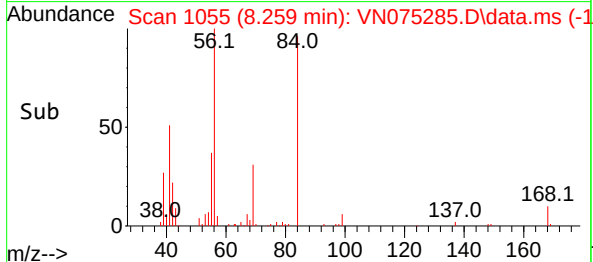
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



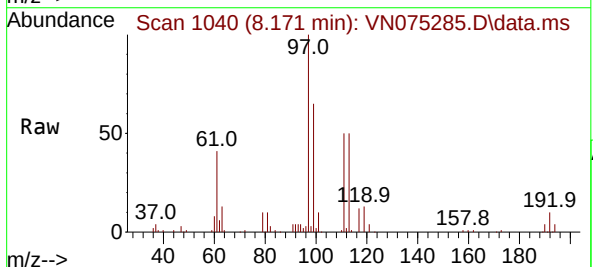
Tgt Ion: 56 Resp: 120660
Ion Ratio Lower Upper
56 100
69 31.2 25.2 37.8
84 99.7 77.8 116.8

Manual Integrations
APPROVED

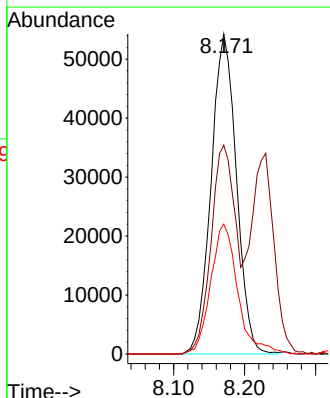
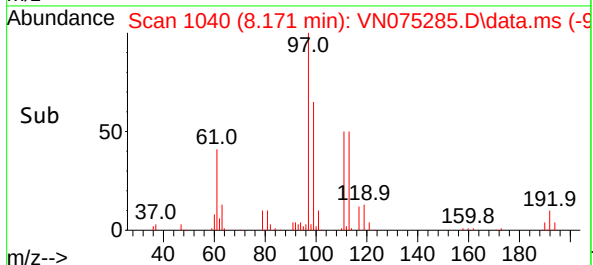
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

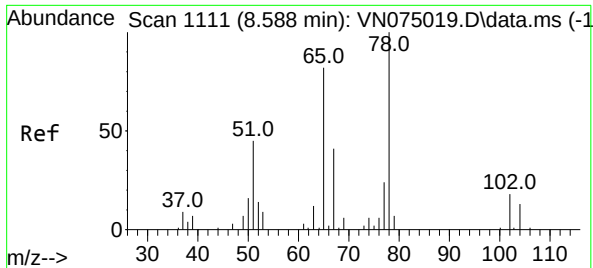


#32
1,1,1-Trichloroethane
Concen: 50.617 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49



Tgt Ion: 97 Resp: 134347
Ion Ratio Lower Upper
97 100
99 62.8 50.2 75.2
61 43.4 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 41.931 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075285.D

Acq: 15 Nov 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 7038

Ion Ratio Lower Upper

65 100

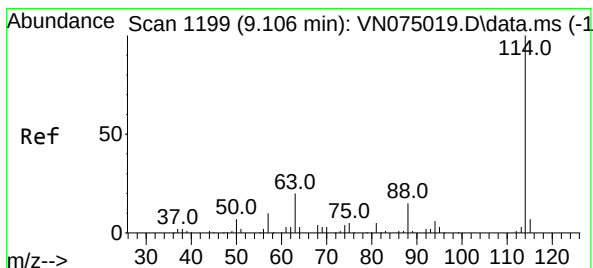
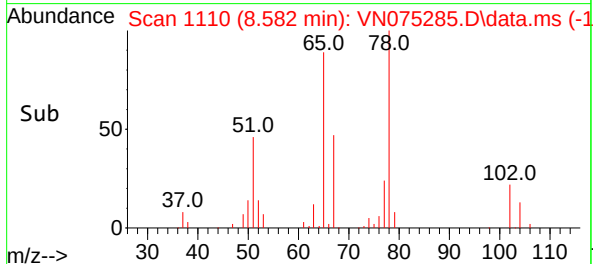
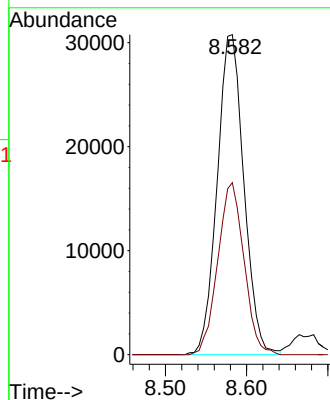
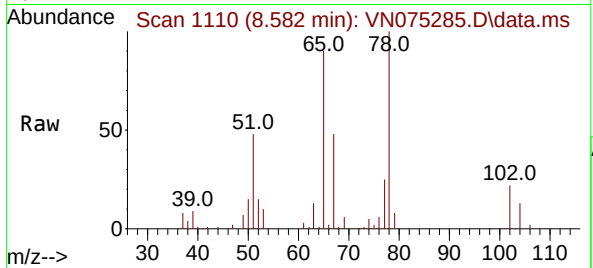
67 52.8 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN075285.D

Acq: 15 Nov 2022 16:49

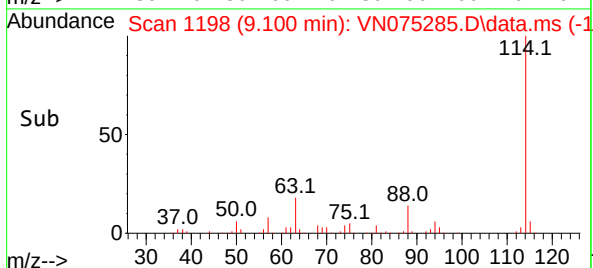
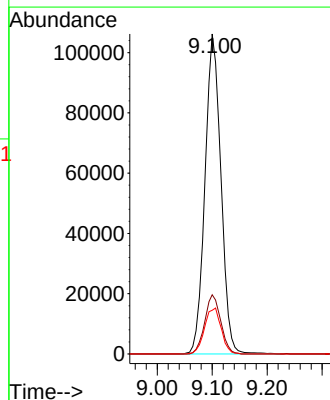
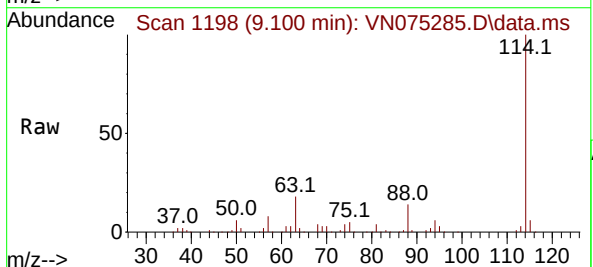
Tgt Ion:114 Resp: 214174

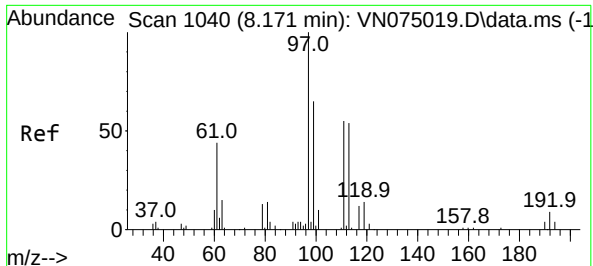
Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.6

88 13.7 0.0 29.0





#35

Dibromofluoromethane

Concen: 51.292 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075285.D

Acq: 15 Nov 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 64490

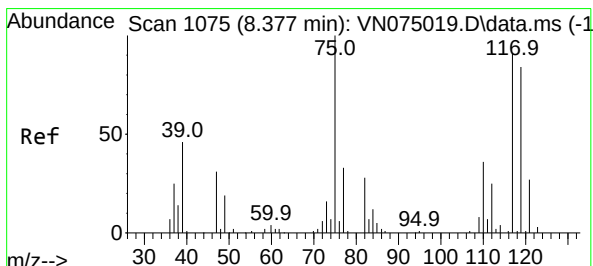
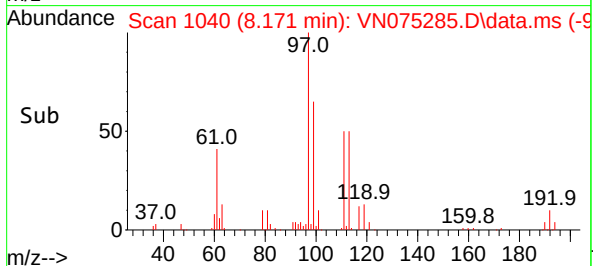
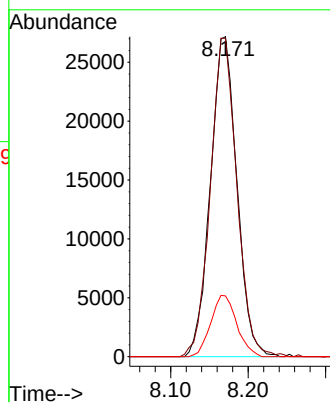
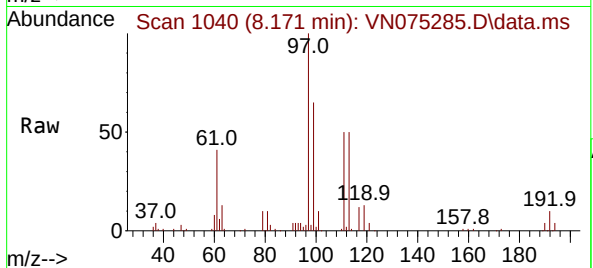
Ion	Ratio	Lower	Upper
113	100		
111	99.7	80.5	120.7
192	18.8	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#36

1,1-Dichloropropene

Concen: 55.622 ug/l

RT: 8.371 min Scan# 1074

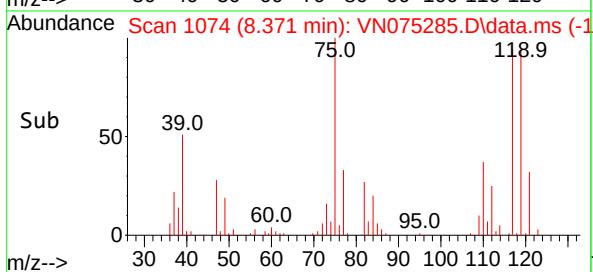
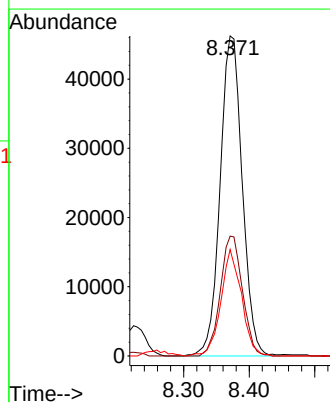
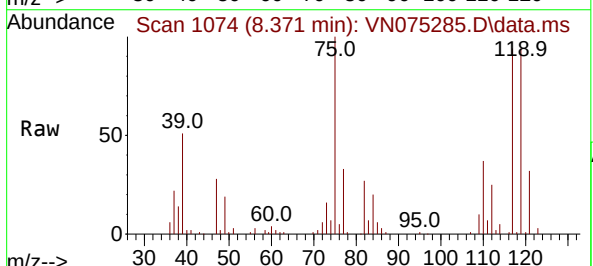
Delta R.T. -0.006 min

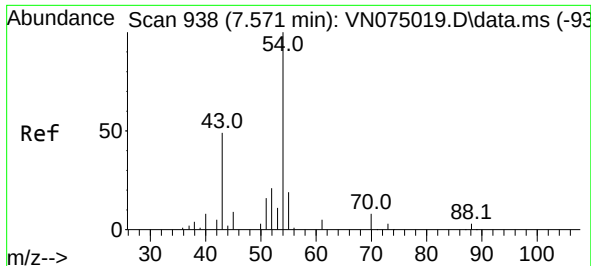
Lab File: VN075285.D

Acq: 15 Nov 2022 16:49

Tgt Ion: 75 Resp: 108270

Ion	Ratio	Lower	Upper
75	100		
110	37.4	17.8	53.3
77	31.0	24.6	37.0





#37

Ethyl Acetate

Concen: 43.927 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.012 min

Lab File: VN075285.D

Acq: 15 Nov 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 9377

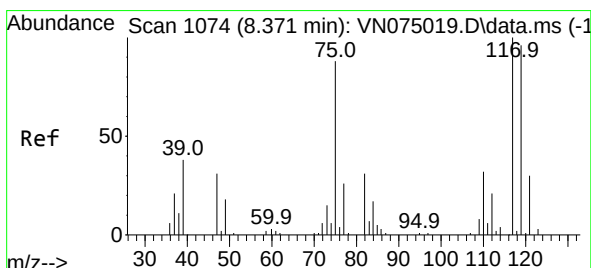
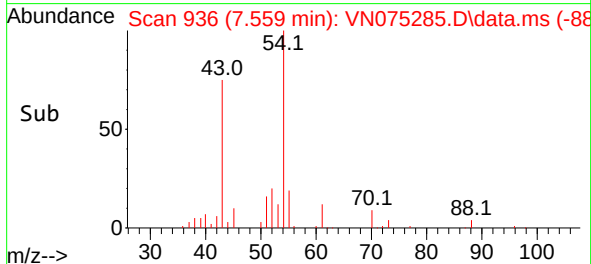
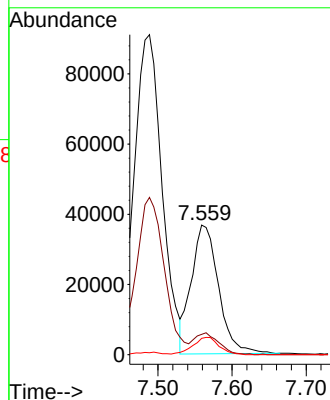
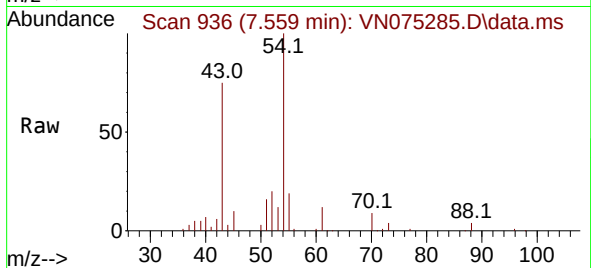
Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.2	18.4
70	12.8	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#38

Carbon Tetrachloride

Concen: 54.491 ug/l

RT: 8.365 min Scan# 1073

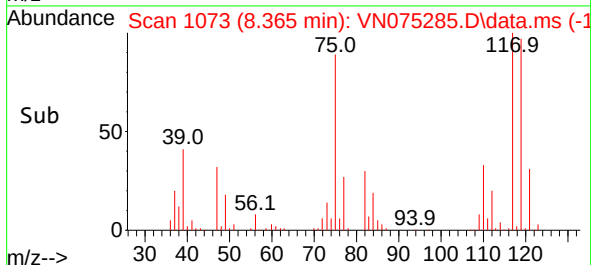
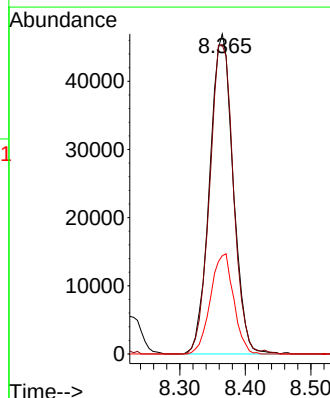
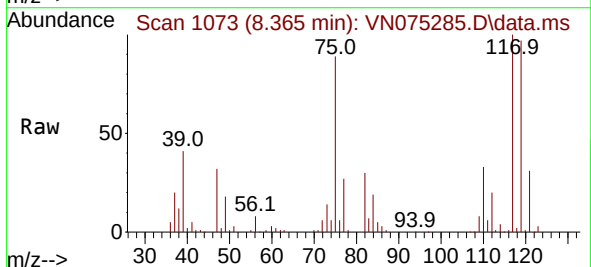
Delta R.T. -0.006 min

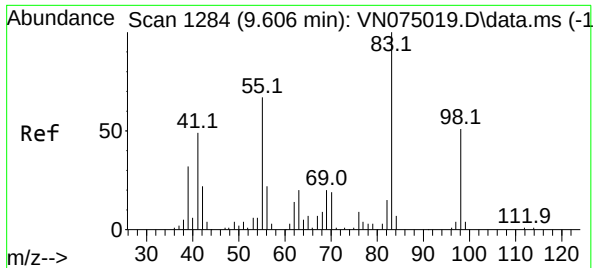
Lab File: VN075285.D

Acq: 15 Nov 2022 16:49

Tgt Ion:117 Resp: 116676

Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.7	115.1
121	30.7	23.9	35.9





#39

Methylcyclohexane

Concen: 56.080 ug/l

RT: 9.600 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075285.D

Acq: 15 Nov 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 14411

Ion Ratio Lower Upper

83 100

55 68.0 53.6 80.4

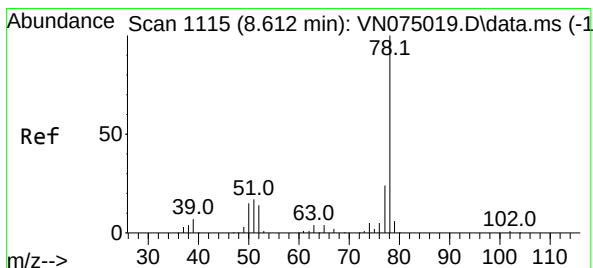
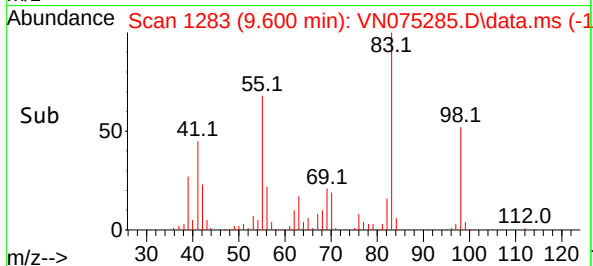
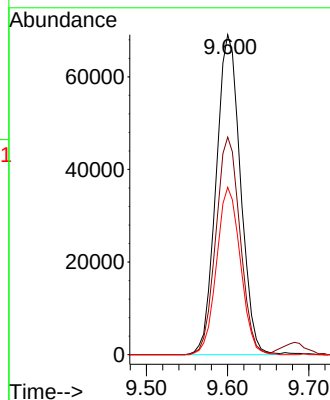
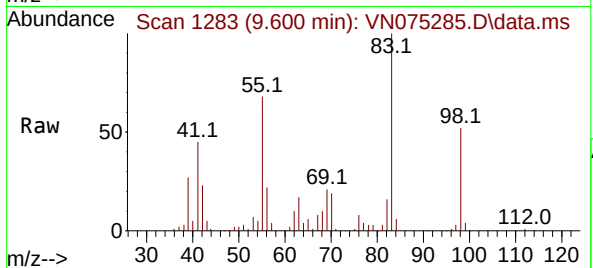
98 52.3 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#40

Benzene

Concen: 54.994 ug/l

RT: 8.606 min Scan# 1114

Delta R.T. -0.006 min

Lab File: VN075285.D

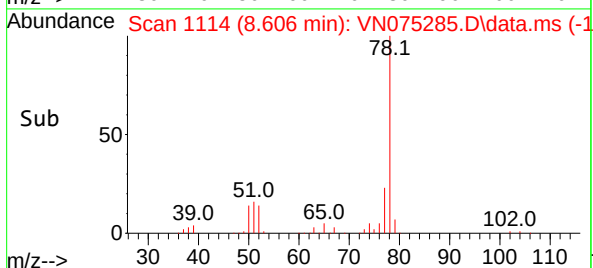
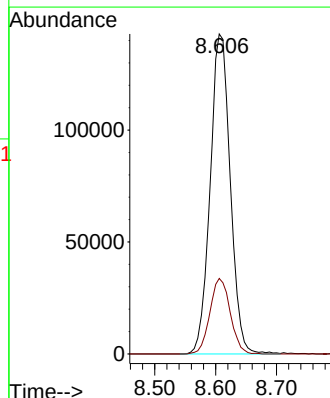
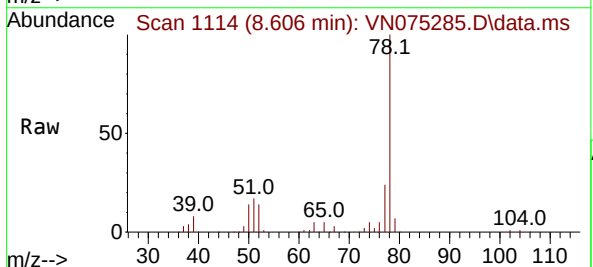
Acq: 15 Nov 2022 16:49

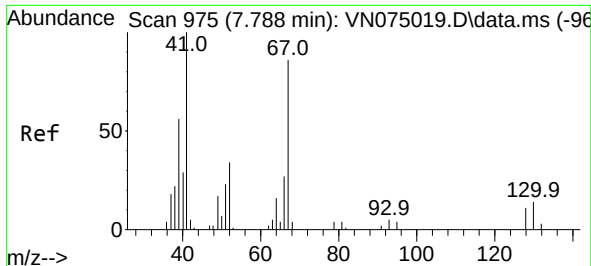
Tgt Ion: 78 Resp: 327764

Ion Ratio Lower Upper

78 100

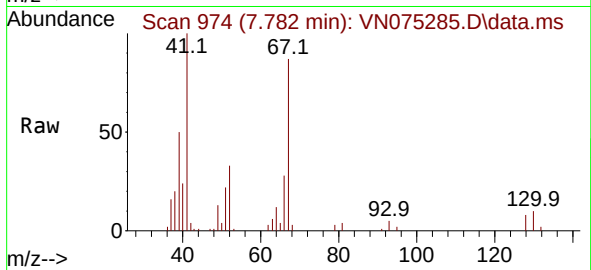
77 23.6 19.4 29.0





#41
Methacrylonitrile
Concen: 49.076 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

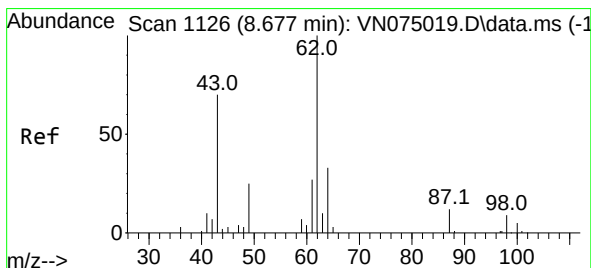
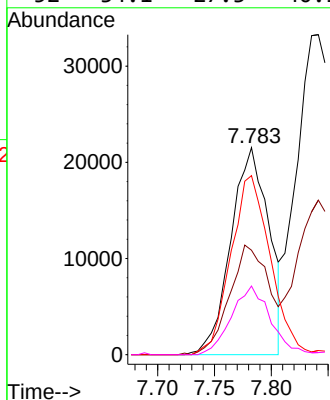
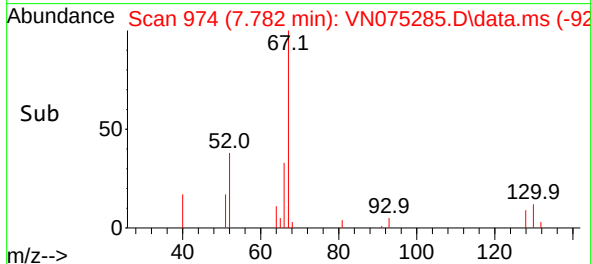
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



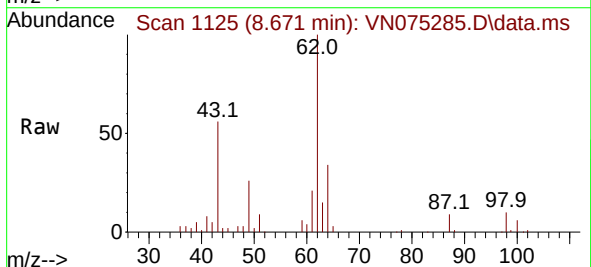
Tgt Ion: 41 Resp: 50192
Ion Ratio Lower Upper
41 100
39 54.6 44.4 66.6
67 90.0 69.8 104.6
52 34.1 27.3 40.9

Manual Integrations
APPROVED

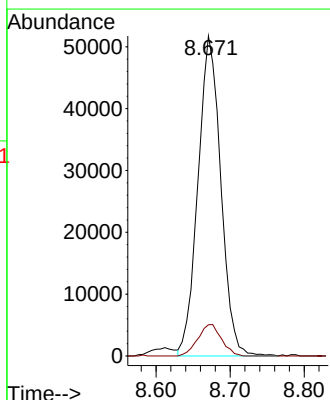
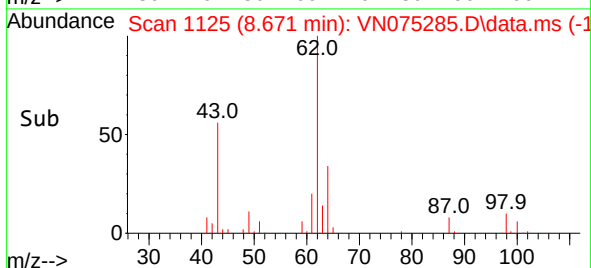
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

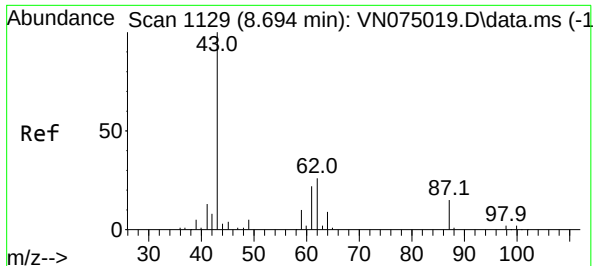


#42
1,2-Dichloroethane
Concen: 51.118 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49



Tgt Ion: 62 Resp: 110843
Ion Ratio Lower Upper
62 100
98 10.2 0.0 18.2





#43

Isopropyl Acetate

Concen: 47.700 ug/l

RT: 8.688 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN075285.D

Acq: 15 Nov 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

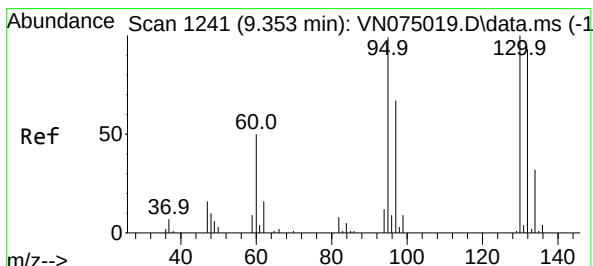
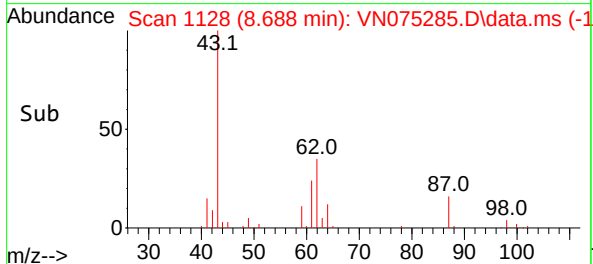
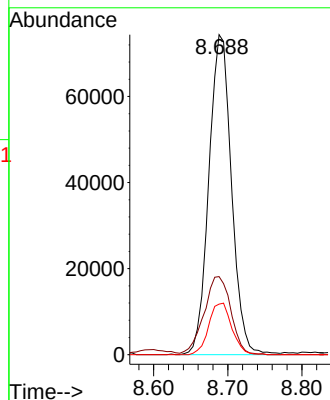
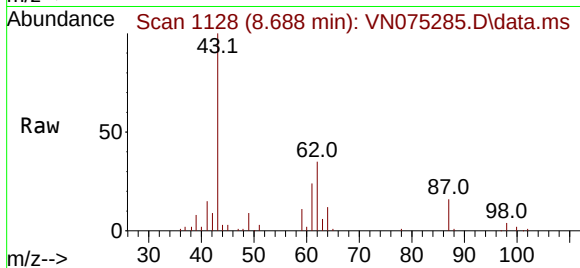
Tgt Ion: 43	Resp: 15794
Ion Ratio	Lower Upper
43 100	
61 28.9	22.4 33.6
87 16.4	12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#44

Trichloroethene

Concen: 57.846 ug/l

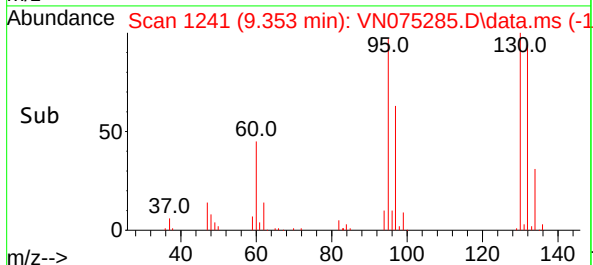
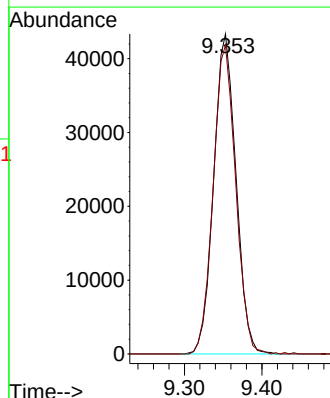
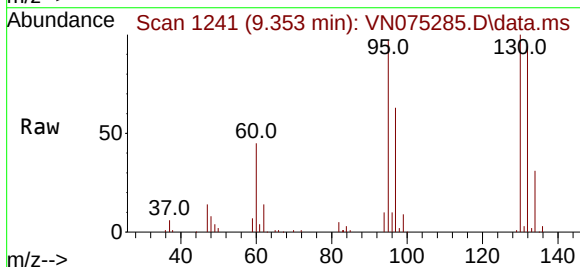
RT: 9.353 min Scan# 1241

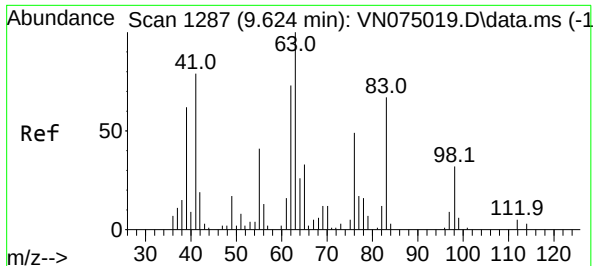
Delta R.T. -0.000 min

Lab File: VN075285.D

Acq: 15 Nov 2022 16:49

Tgt Ion:130	Resp: 86496
Ion Ratio	Lower Upper
130 100	
95 96.6	0.0 198.4





#45

1,2-Dichloropropane

Concen: 56.047 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075285.D

Acq: 15 Nov 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 7949

Ion Ratio Lower Upper

63 100

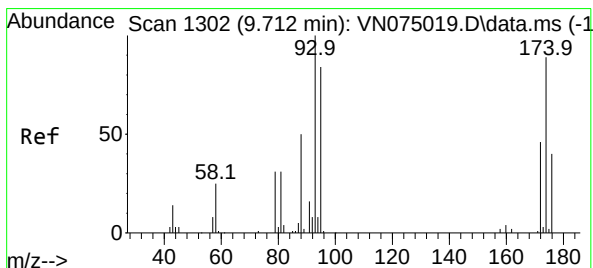
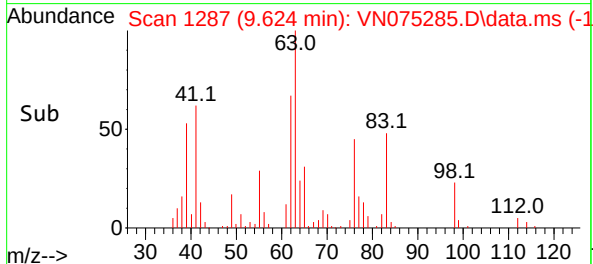
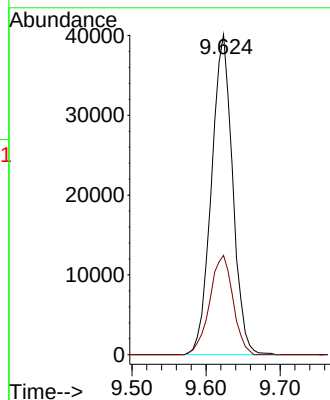
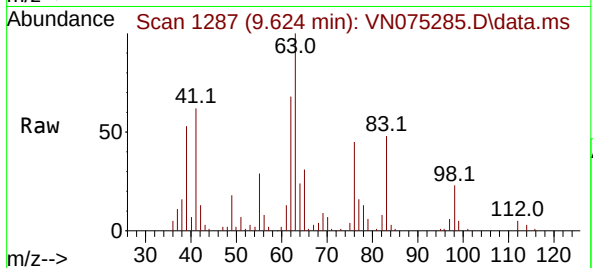
65 31.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#46

Dibromomethane

Concen: 54.230 ug/l

RT: 9.706 min Scan# 1301

Delta R.T. -0.006 min

Lab File: VN075285.D

Acq: 15 Nov 2022 16:49

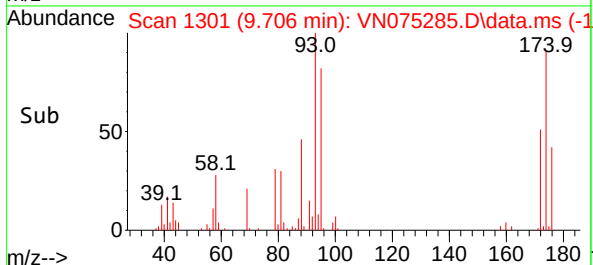
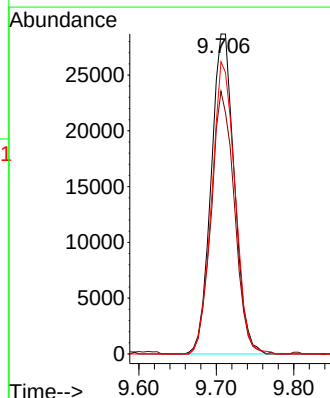
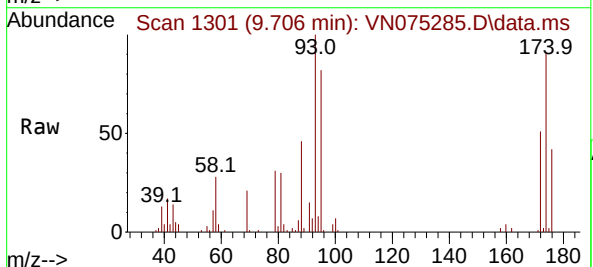
Tgt Ion: 93 Resp: 59926

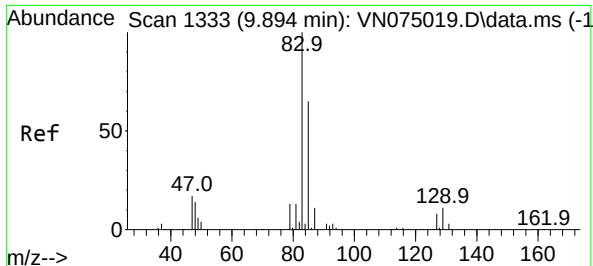
Ion Ratio Lower Upper

93 100

95 81.4 66.6 99.8

174 91.3 70.3 105.5





#47

Bromodichloromethane

Concen: 53.754 ug/l

RT: 9.888 min Scan# 115036

Delta R.T. -0.006 min

Lab File: VN075285.D

Acq: 15 Nov 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 115036

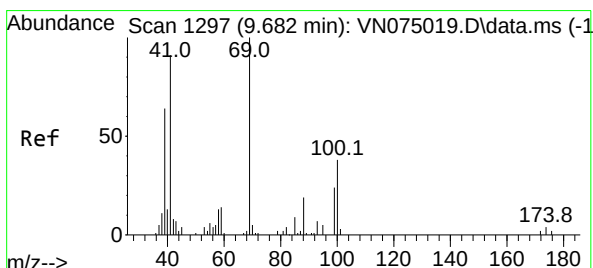
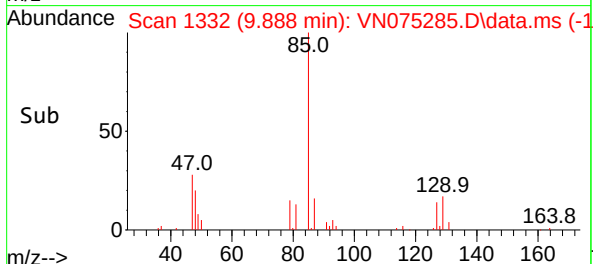
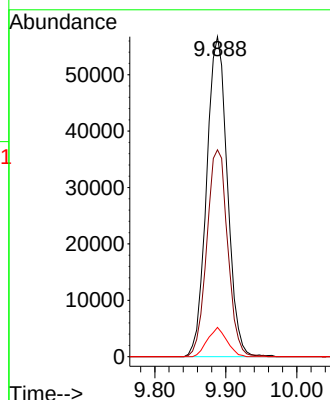
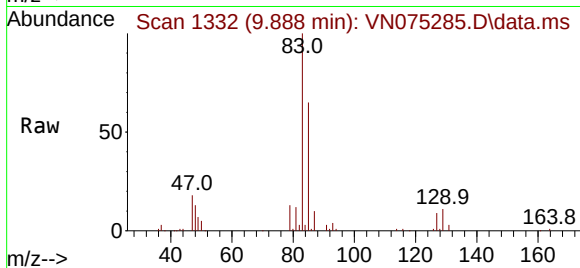
Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.1	78.1
127	9.2	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#48

Methyl methacrylate

Concen: 49.488 ug/l

RT: 9.676 min Scan# 1296

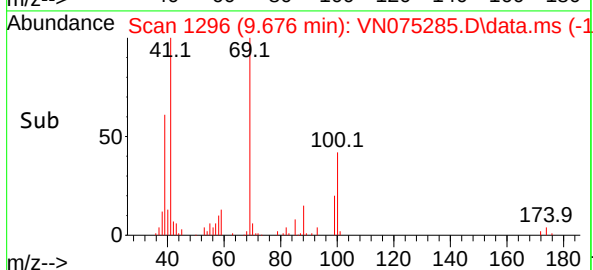
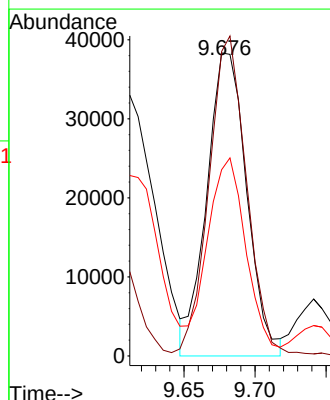
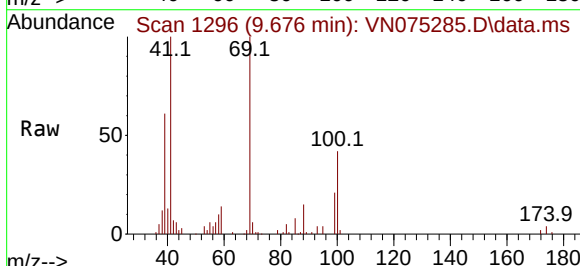
Delta R.T. -0.006 min

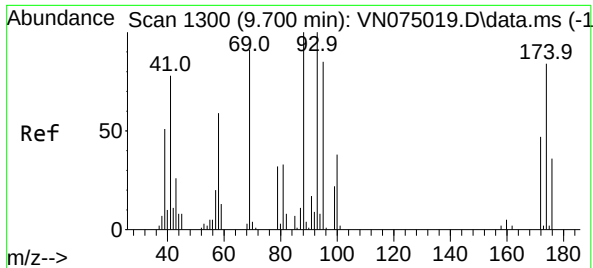
Lab File: VN075285.D

Acq: 15 Nov 2022 16:49

Tgt Ion: 41 Resp: 75168

Ion	Ratio	Lower	Upper
41	100		
69	100.0	80.2	120.2
39	64.7	56.2	84.2





#49

1,4-Dioxane

Concen: 944.598 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075285.D

Acq: 15 Nov 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 3757

Ion Ratio Lower Upper

88 100

43 24.2 17.5 26.3

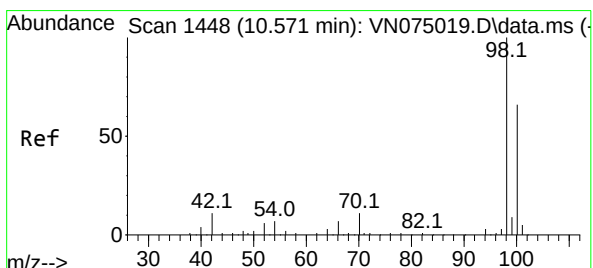
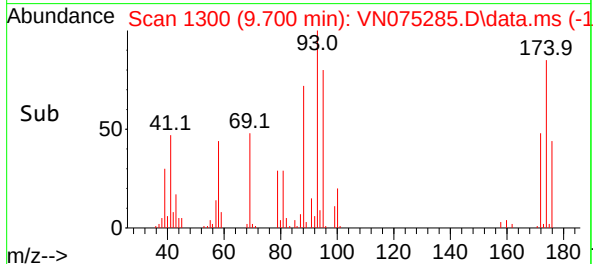
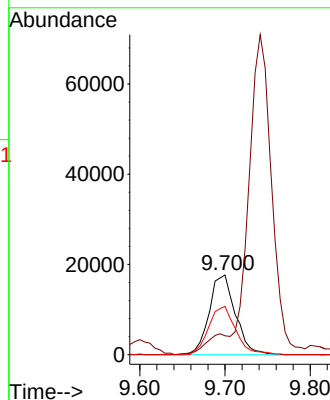
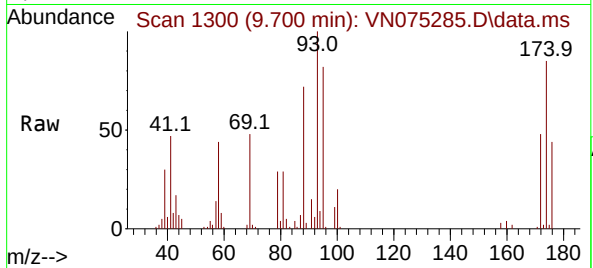
58 63.1 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#50

Toluene-d8

Concen: 47.450 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN075285.D

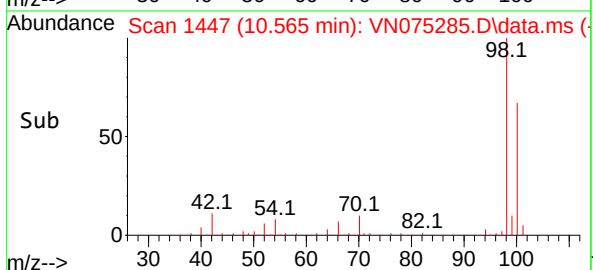
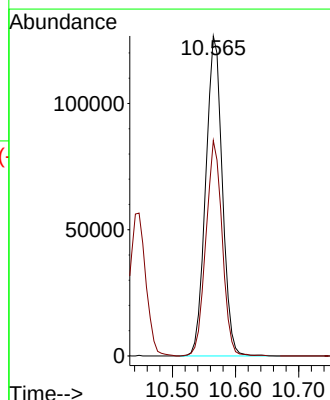
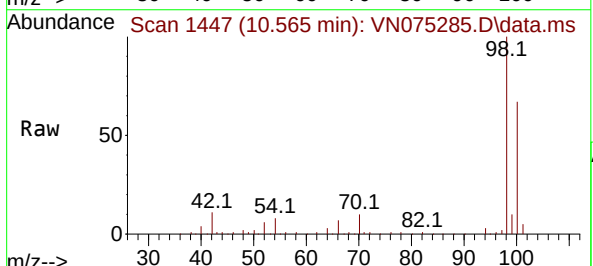
Acq: 15 Nov 2022 16:49

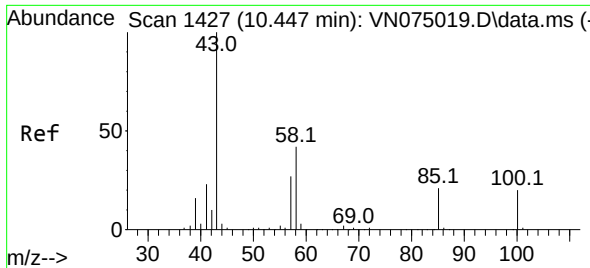
Tgt Ion: 98 Resp: 231464

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.6





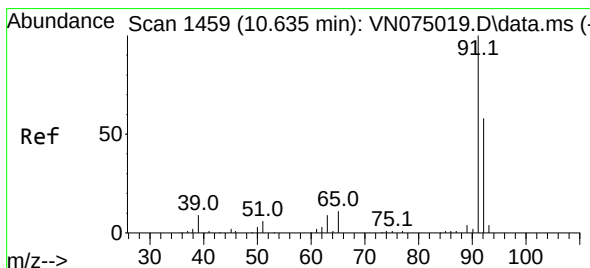
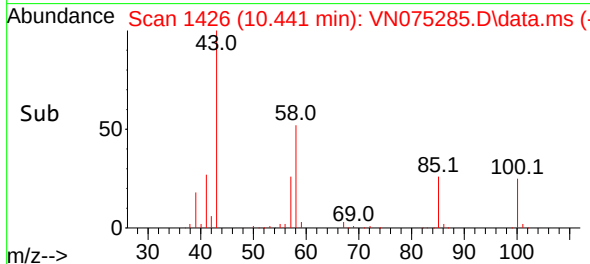
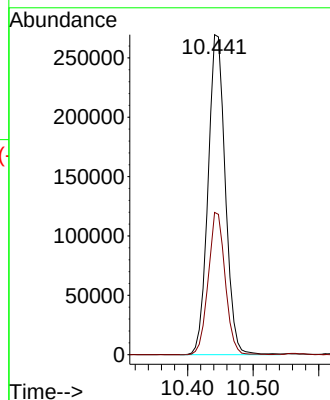
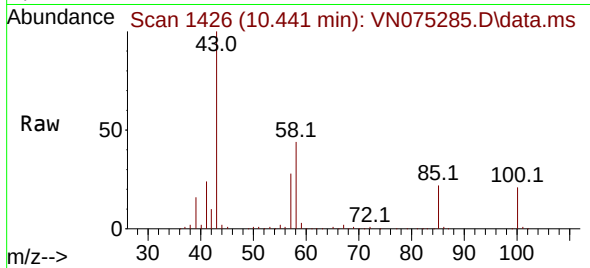
#51
4-Methyl-2-Pentanone
Concen: 231.156 ug/l
RT: 10.441 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 493925
Ion Ratio Lower Upper
43 100
58 43.6 33.6 50.4

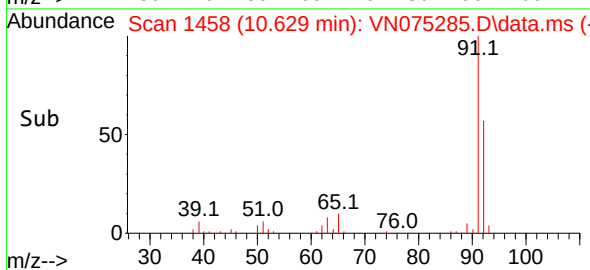
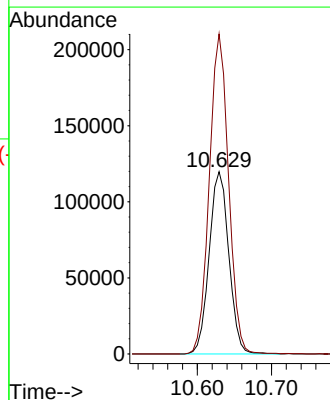
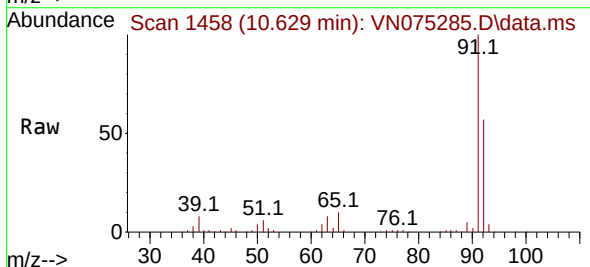
Manual Integrations
APPROVED

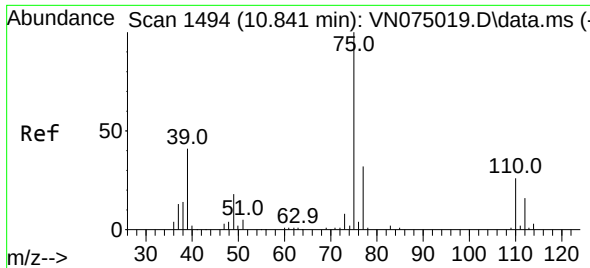
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#52
Toluene
Concen: 55.404 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

Tgt Ion: 92 Resp: 220733
Ion Ratio Lower Upper
92 100
91 172.0 135.4 203.2





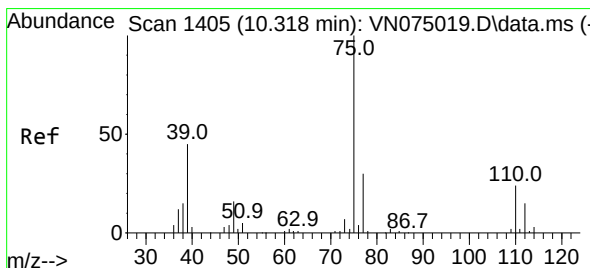
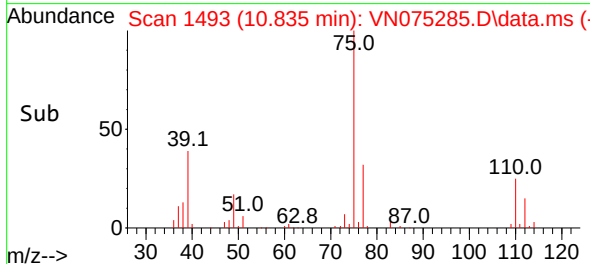
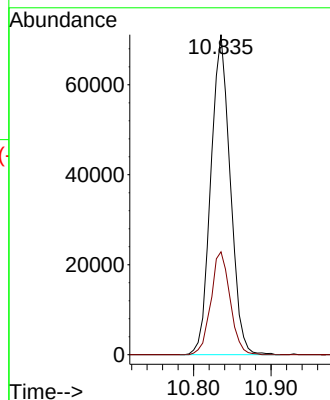
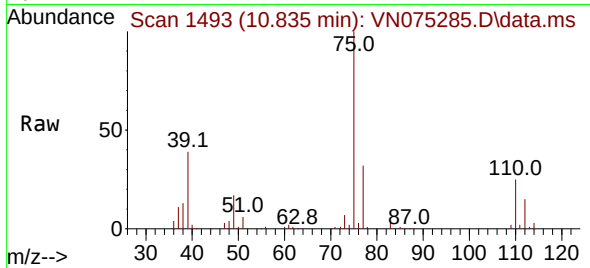
#53
 t-1,3-Dichloropropene
 Concen: 54.750 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.006 min
 Lab File: VN075285.D
 Acq: 15 Nov 2022 16:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 12366
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.2

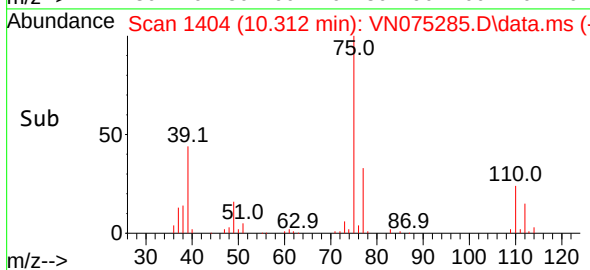
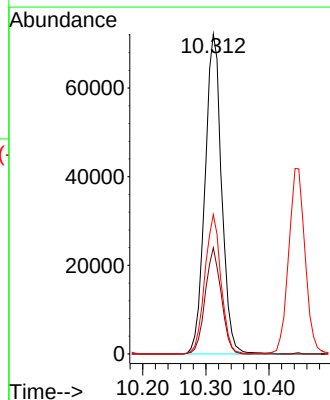
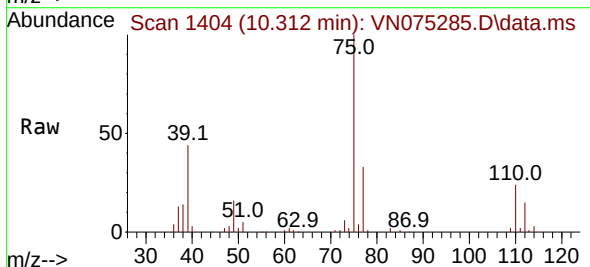
Manual Integrations
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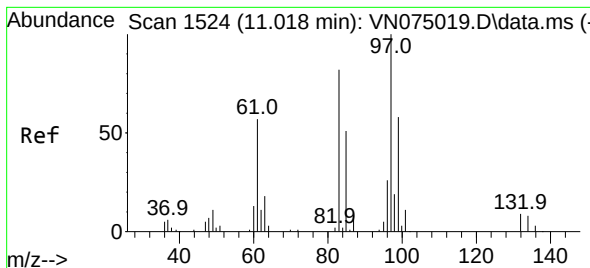
Reviewed By :John Carlone 11/16/2022
 Supervised By :Mahesh Dadoda 11/16/2022



#54
 cis-1,3-Dichloropropene
 Concen: 55.151 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.006 min
 Lab File: VN075285.D
 Acq: 15 Nov 2022 16:49

Tgt Ion: 75 Resp: 132124
 Ion Ratio Lower Upper
 75 100
 77 33.2 23.7 35.5
 39 43.6 35.8 53.6





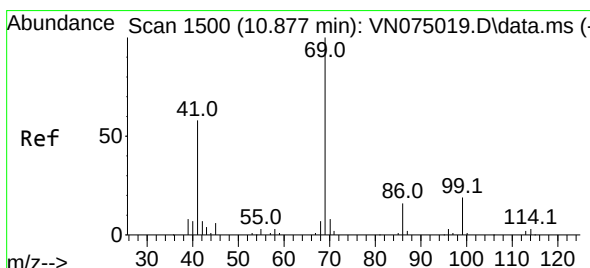
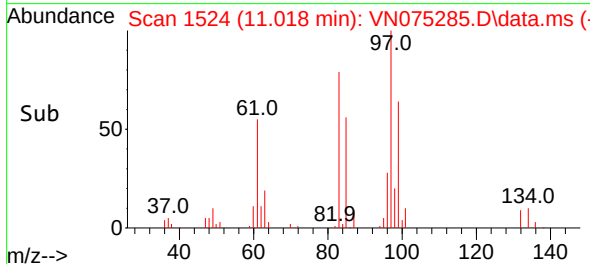
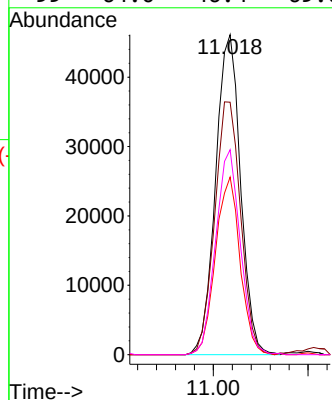
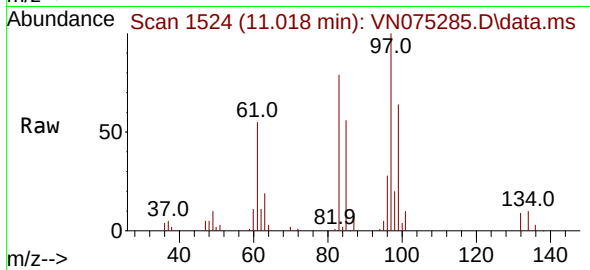
#55
1,1,2-Trichloroethane
Concen: 53.498 ug/l
RT: 11.018 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97	Resp: 8451
Ion Ratio	Lower Upper
97 100	
83 78.9	65.9 98.9
85 55.5	40.4 60.6
99 64.0	46.4 69.6

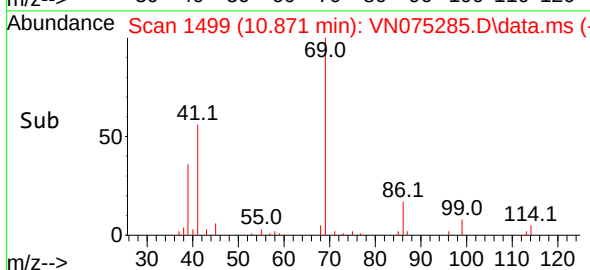
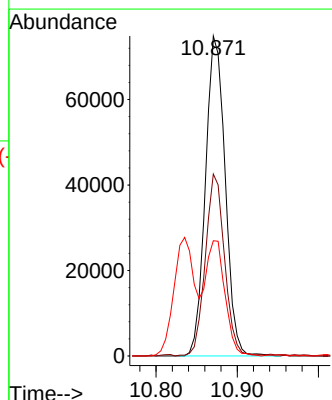
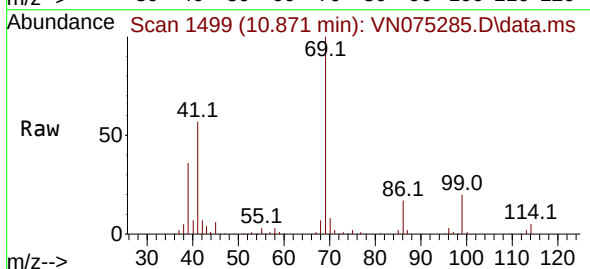
Manual Integrations
APPROVED

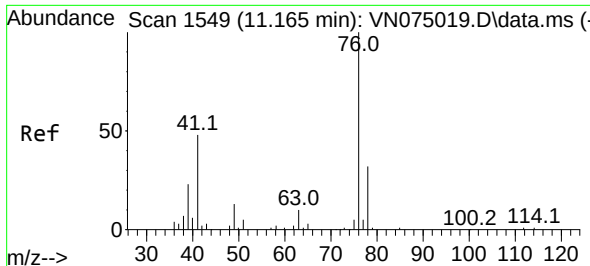
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#56
Ethyl methacrylate
Concen: 52.476 ug/l
RT: 10.871 min Scan# 1499
Delta R.T. -0.006 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

Tgt Ion: 69	Resp: 126449
Ion Ratio	Lower Upper
69 100	
41 55.3	45.6 68.4
39 35.8	28.5 42.7





#57

1,3-Dichloropropane

Concen: 53.616 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075285.D

Acq: 15 Nov 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 141052

Ion Ratio Lower Upper

76 100

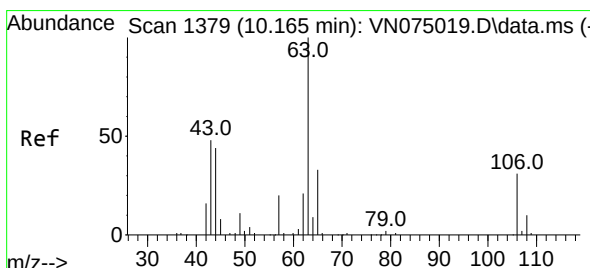
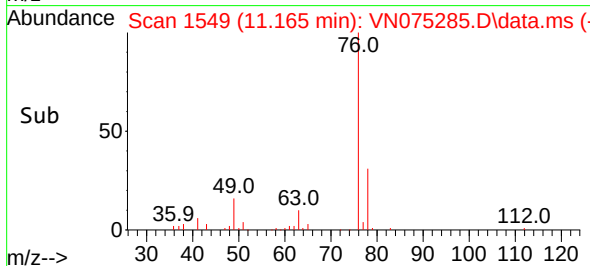
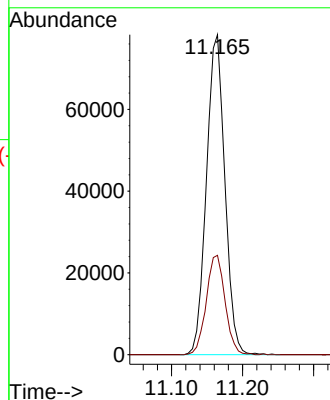
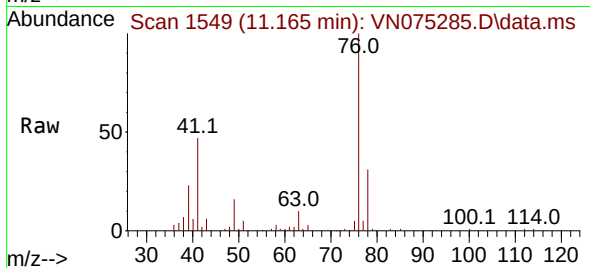
78 31.7 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#58

2-Chloroethyl Vinyl ether

Concen: 245.989 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN075285.D

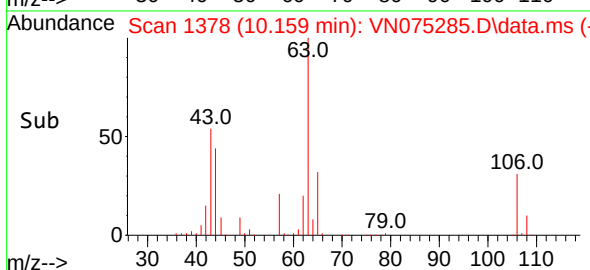
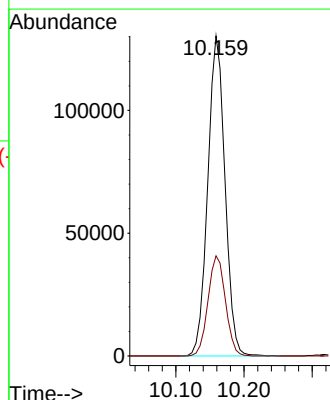
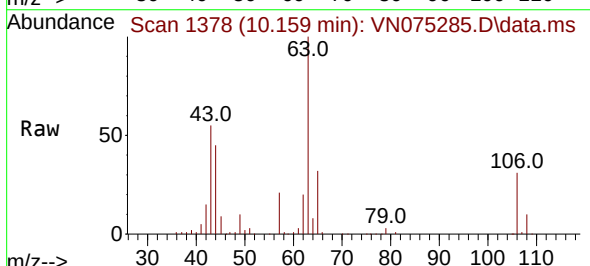
Acq: 15 Nov 2022 16:49

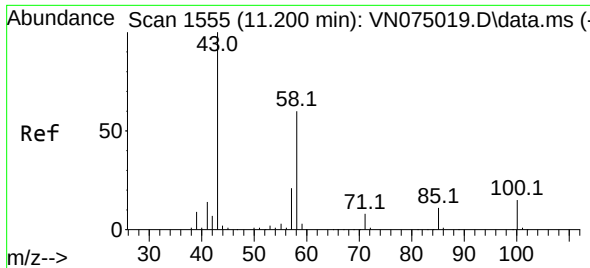
Tgt Ion: 63 Resp: 229157

Ion Ratio Lower Upper

63 100

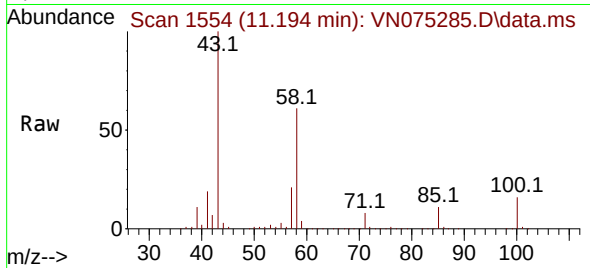
106 31.6 24.8 37.2





#59
2-Hexanone
Concen: 226.729 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

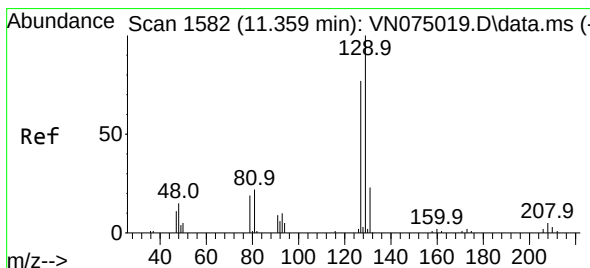
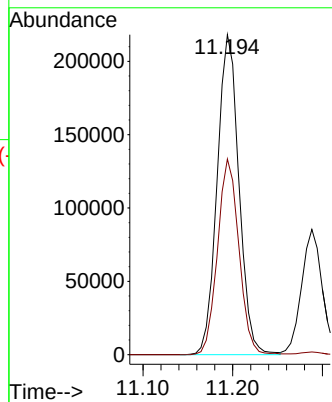
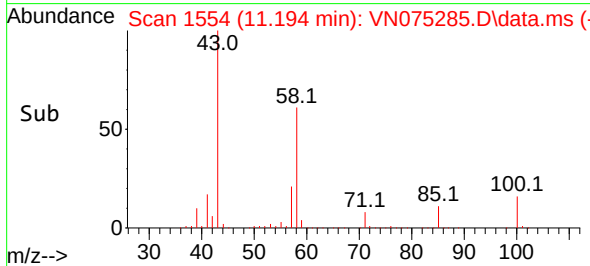
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 36769
Ion Ratio Lower Upper
43 100
58 60.0 29.6 88.8

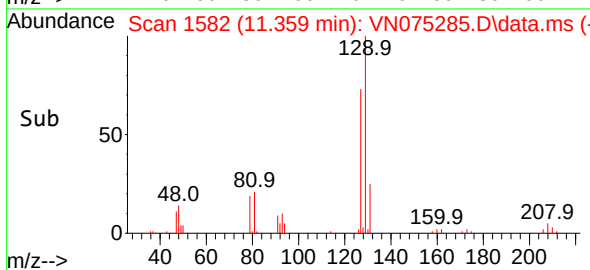
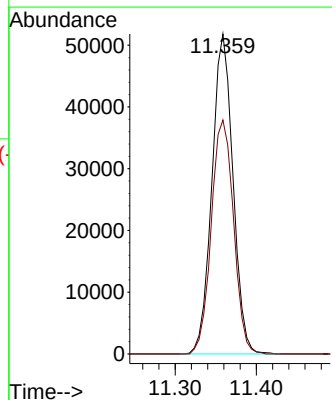
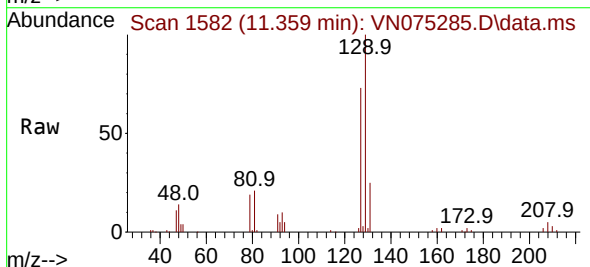
Manual Integrations
APPROVED

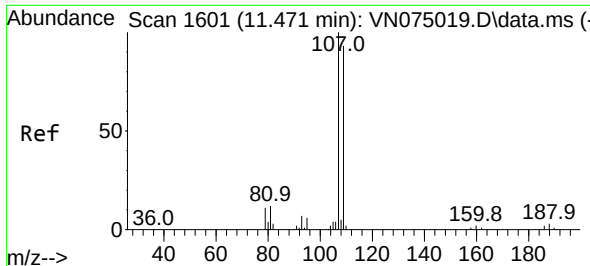
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#60
Dibromochloromethane
Concen: 55.917 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

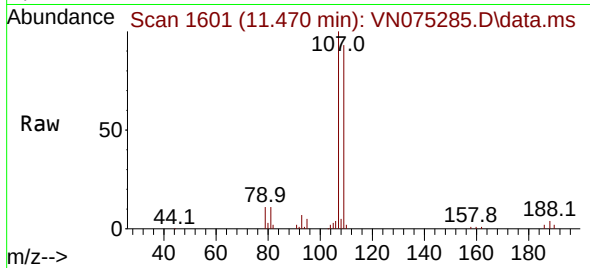
Tgt Ion:129 Resp: 93196
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8





#61
1,2-Dibromoethane
Concen: 55.183 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.001 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

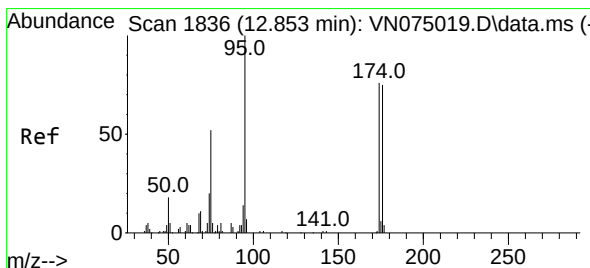
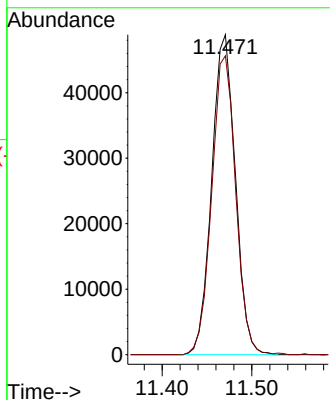
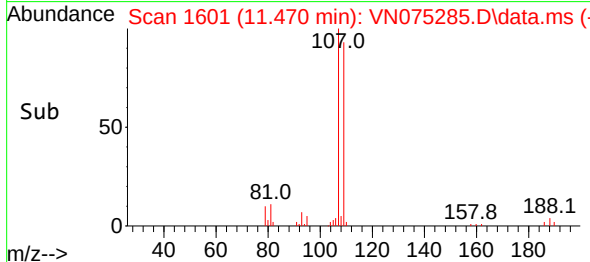
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 8933
Ion Ratio Lower Upper
107 100
109 94.8 75.6 113.4

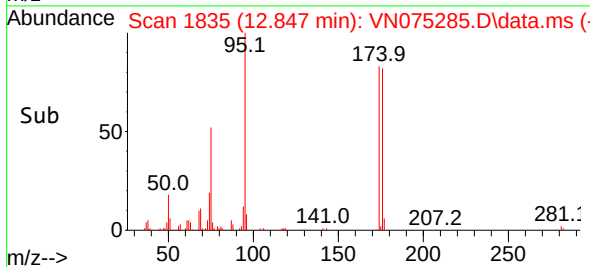
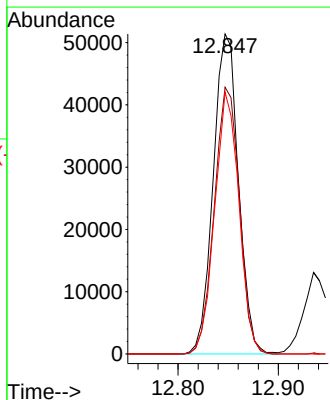
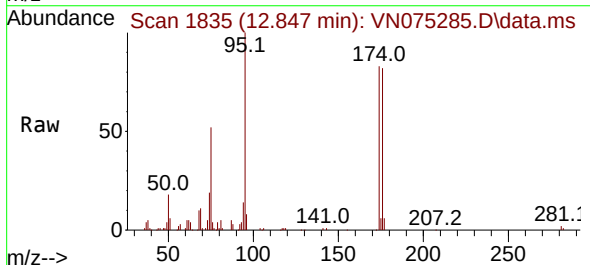
Manual Integrations
APPROVED

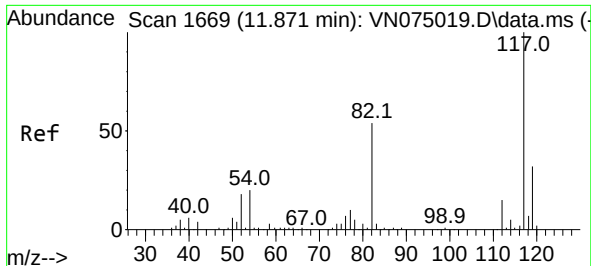
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#62
4-Bromofluorobenzene
Concen: 52.376 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

Tgt Ion: 95 Resp: 89749
Ion Ratio Lower Upper
95 100
174 83.2 0.0 147.4
176 78.8 0.0 142.2





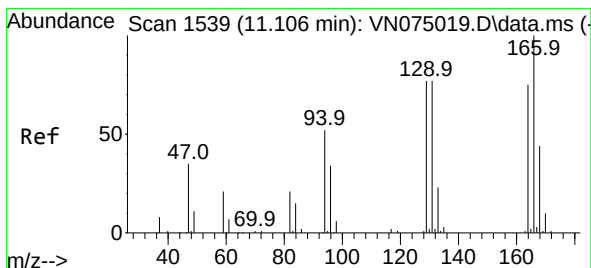
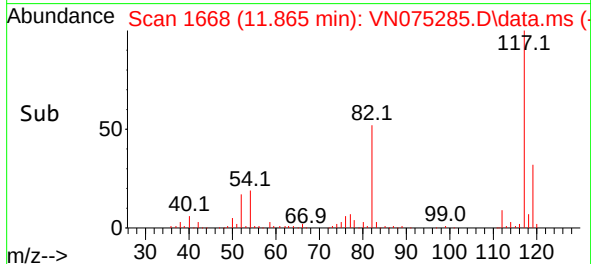
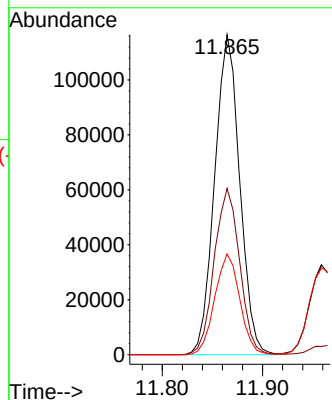
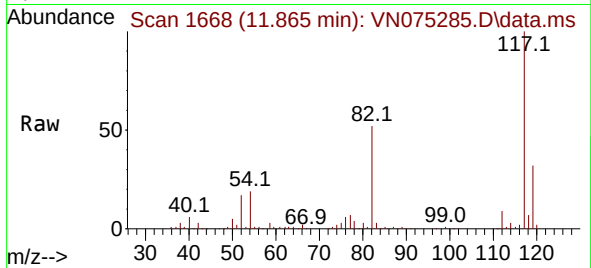
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 201719
Ion Ratio Lower Upper
117 100
82 51.9 43.1 64.7
119 31.5 25.5 38.3

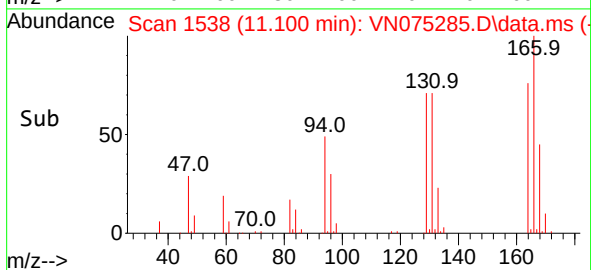
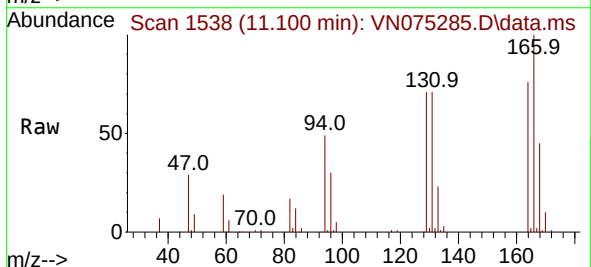
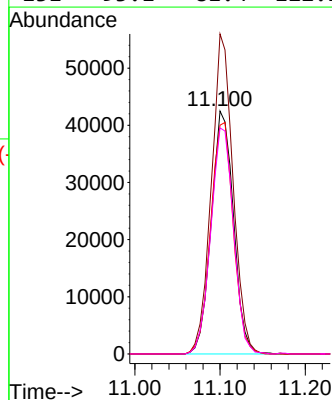
Manual Integrations
APPROVED

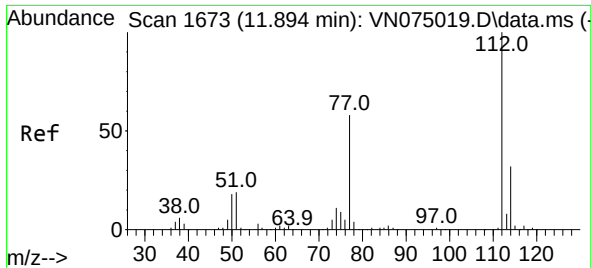
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#64
Tetrachloroethene
Concen: 62.357 ug/l
RT: 11.100 min Scan# 1538
Delta R.T. -0.006 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

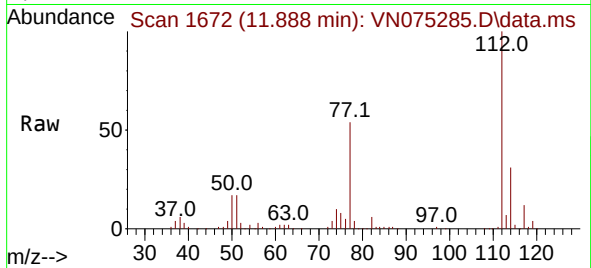
Tgt Ion:164 Resp: 77118
Ion Ratio Lower Upper
164 100
166 131.8 106.5 159.7
129 94.2 81.9 122.9
131 93.1 81.4 122.2





#65
Chlorobenzene
Concen: 55.791 ug/l
RT: 11.888 min Scan# 1672
Delta R.T. -0.006 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

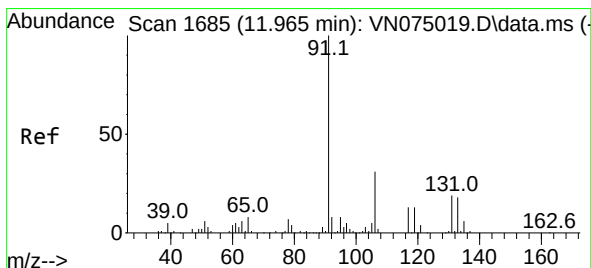
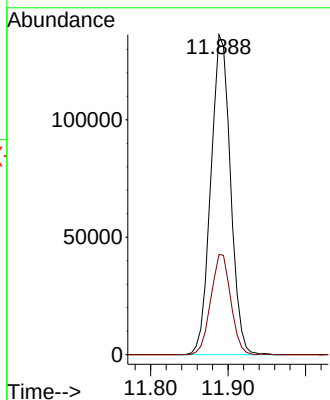
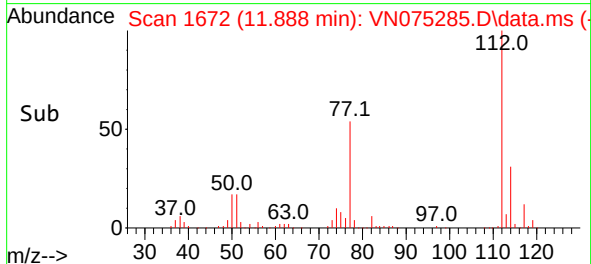
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



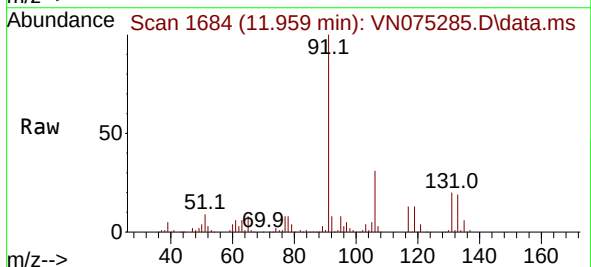
Tgt Ion:112 Resp: 24022
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.2

Manual Integrations
APPROVED

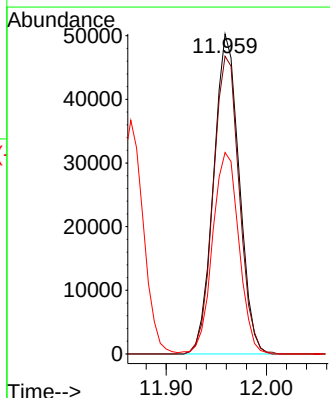
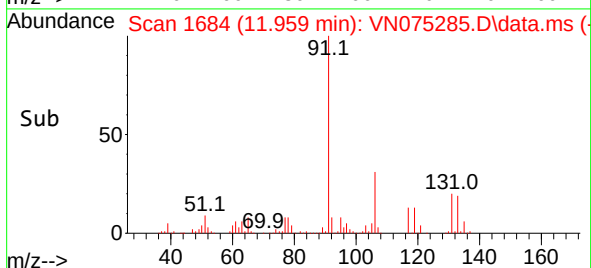
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

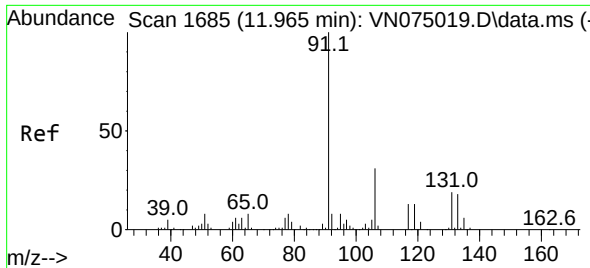


#66
1,1,1,2-Tetrachloroethane
Concen: 55.752 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49



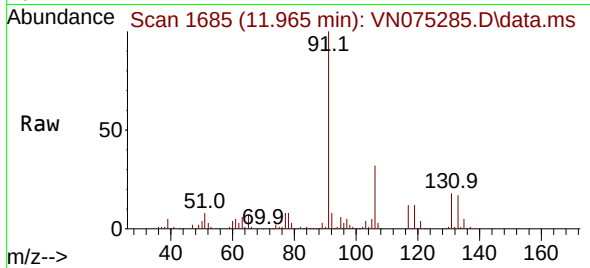
Tgt Ion:131 Resp: 89050
Ion Ratio Lower Upper
131 100
133 94.7 47.8 143.4
119 65.0 33.0 99.0





#67
Ethyl Benzene
Concen: 56.521 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

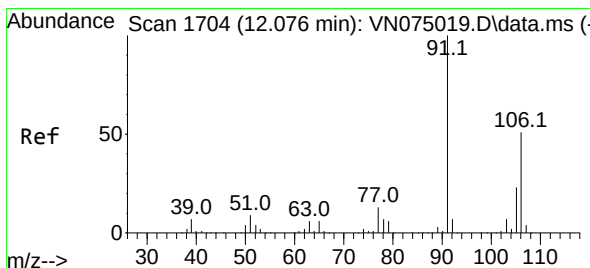
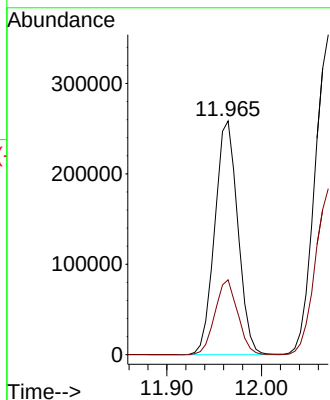
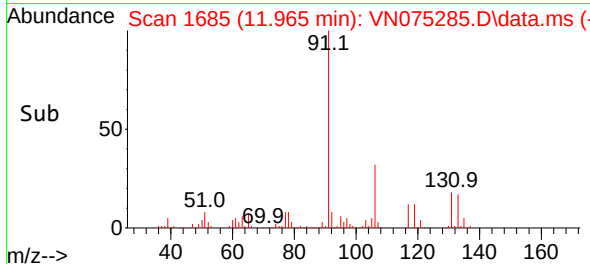
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



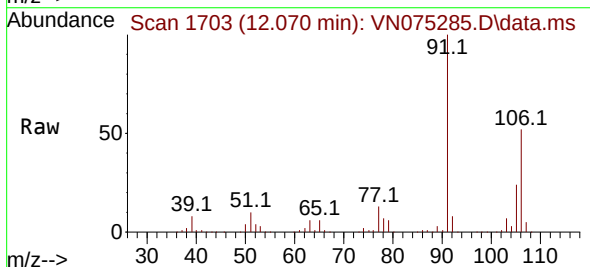
Tgt Ion: 91 Resp: 437840
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

Manual Integrations
APPROVED

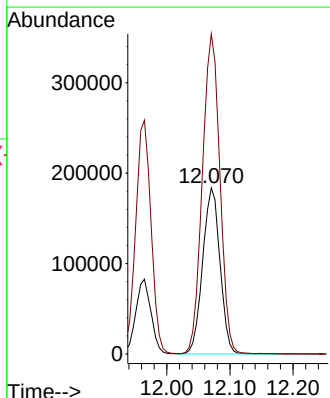
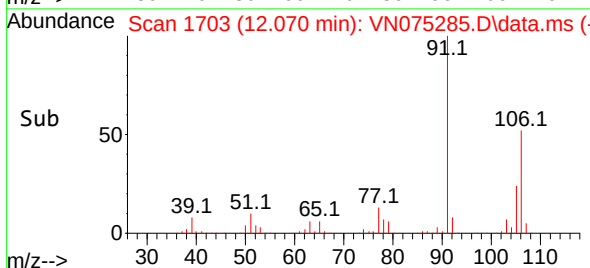
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

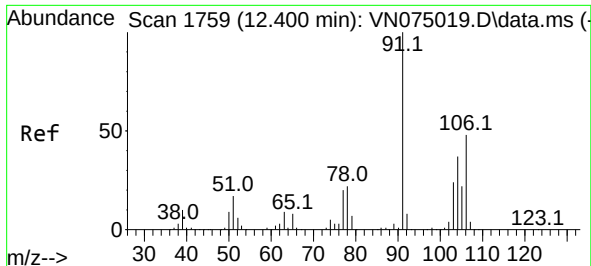


#68
m/p-Xylenes
Concen: 112.644 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49



Tgt Ion:106 Resp: 350133
Ion Ratio Lower Upper
106 100
91 194.8 156.0 234.0





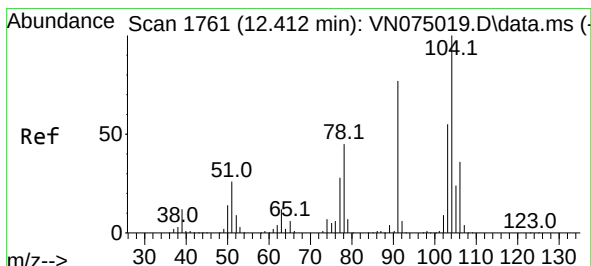
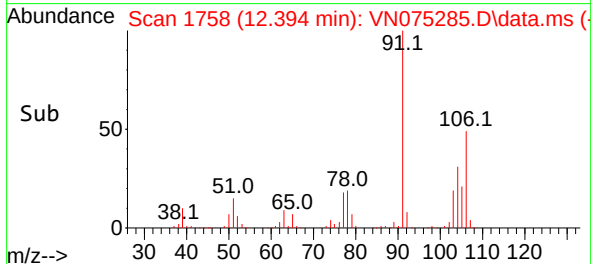
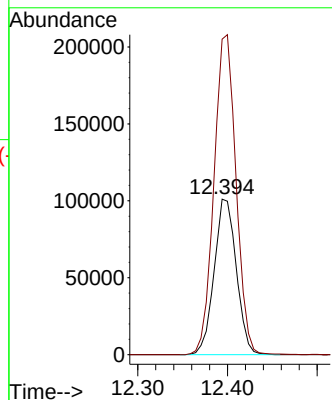
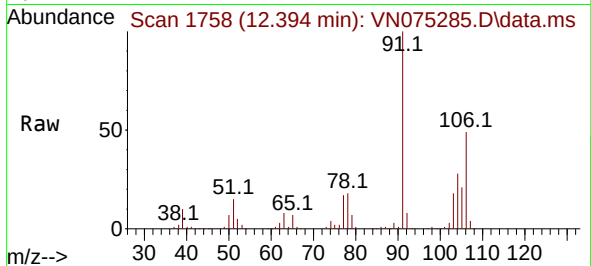
#69
o-Xylene
Concen: 56.448 ug/l
RT: 12.394 min Scan# 1758
Delta R.T. -0.006 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 173520
Ion Ratio Lower Upper
106 100
91 204.5 105.2 315.5

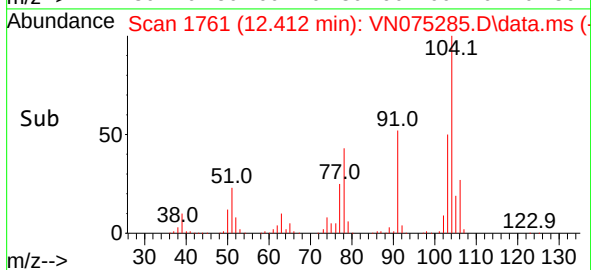
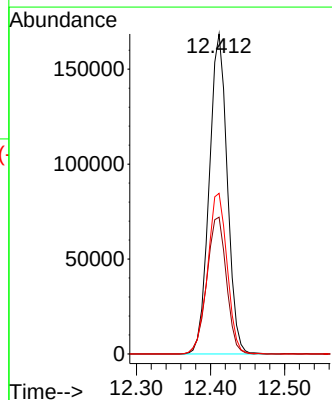
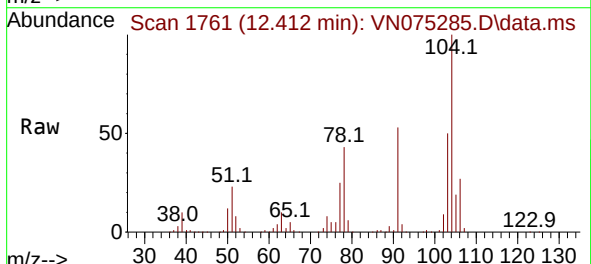
Manual Integrations
APPROVED

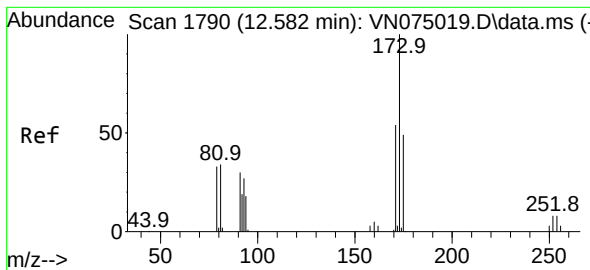
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#70
Styrene
Concen: 58.234 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

Tgt Ion:104 Resp: 285427
Ion Ratio Lower Upper
104 100
78 46.5 38.1 57.1
103 54.3 44.6 66.8





#71

Bromoform

Concen: 56.898 ug/l

RT: 12.576 min Scan# 1789

Delta R.T. -0.006 min

Lab File: VN075285.D

Acq: 15 Nov 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

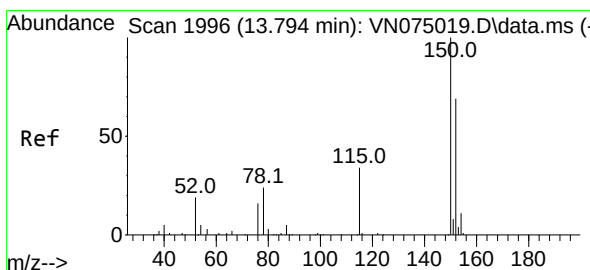
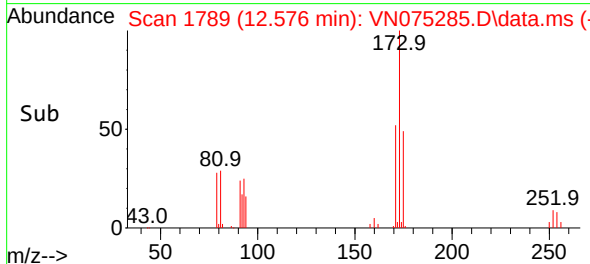
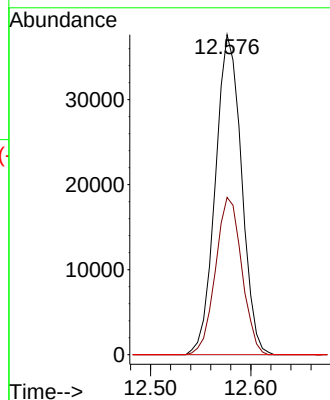
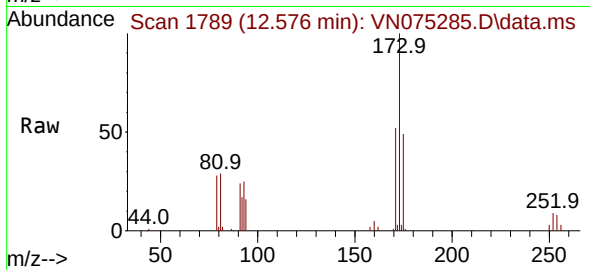
Tgt Ion:173	Resp: 6804
Ion Ratio	Lower Upper
173	100
175	49.4 24.6 74.0
254	0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

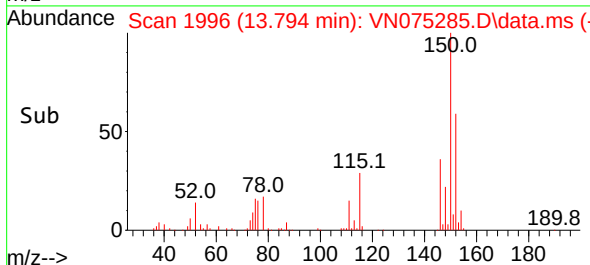
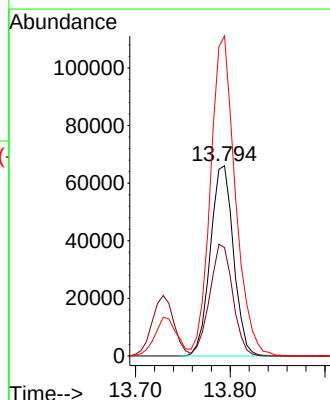
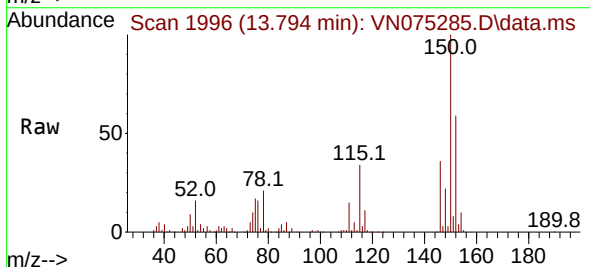
RT: 13.794 min Scan# 1996

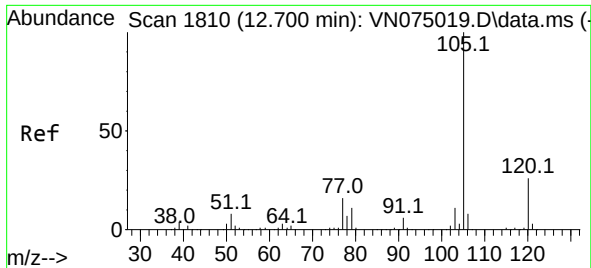
Delta R.T. -0.000 min

Lab File: VN075285.D

Acq: 15 Nov 2022 16:49

Tgt Ion:152	Resp: 112198
Ion Ratio	Lower Upper
152	100
115	58.4 30.2 90.6
150	179.9 0.0 348.4





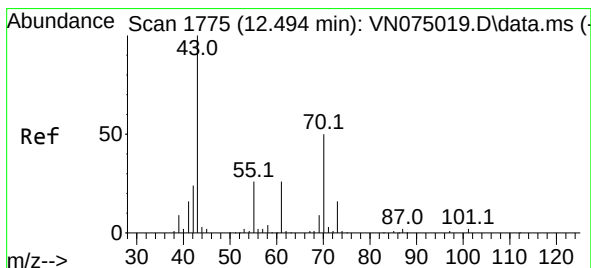
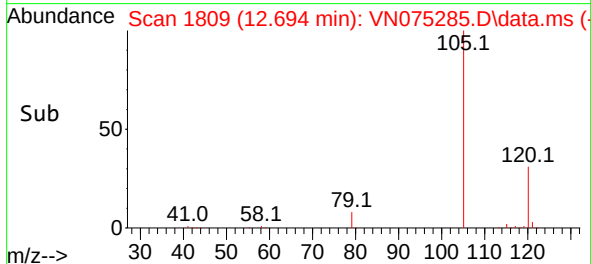
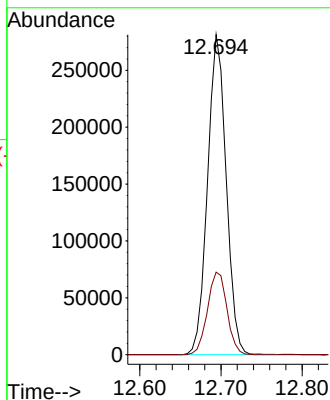
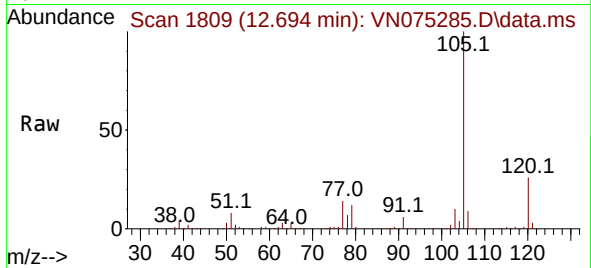
#73
Isopropylbenzene
Concen: 49.766 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 44826
Ion Ratio Lower Upper
105 100
120 26.9 13.1 39.1

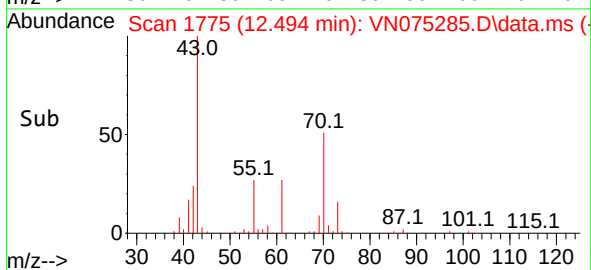
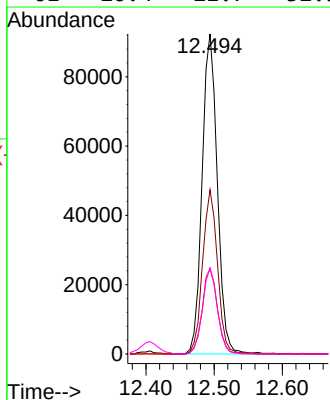
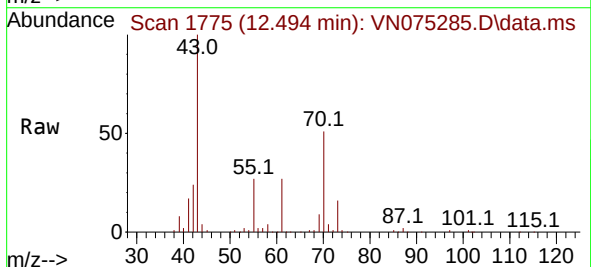
Manual Integrations
APPROVED

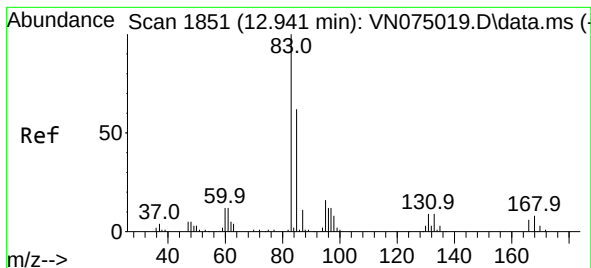
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#74
N-ethyl acetate
Concen: 43.089 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

Tgt Ion: 43 Resp: 143548
Ion Ratio Lower Upper
43 100
70 50.3 39.8 59.8
55 26.6 19.9 29.9
61 26.4 21.7 32.5





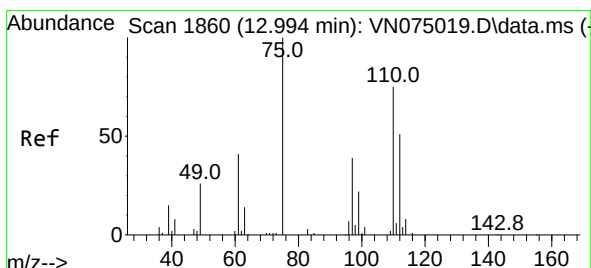
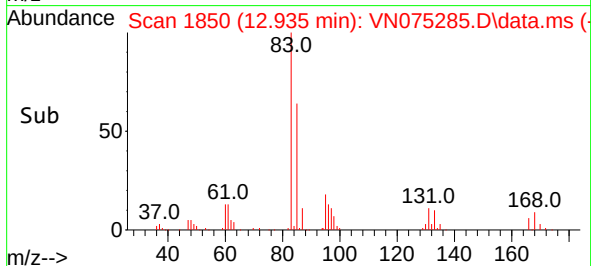
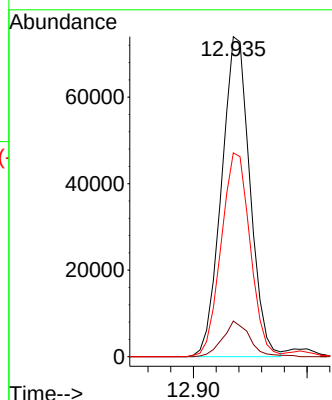
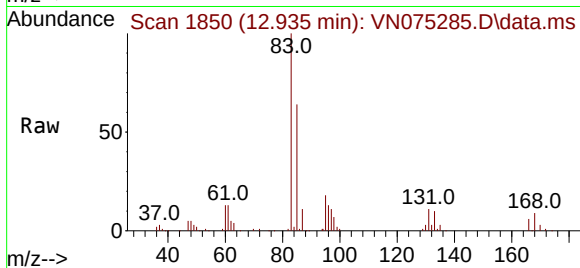
#75
1,1,2,2-Tetrachloroethane
Concen: 49.314 ug/l
RT: 12.935 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 12851
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.3
85 65.0 31.6 94.7

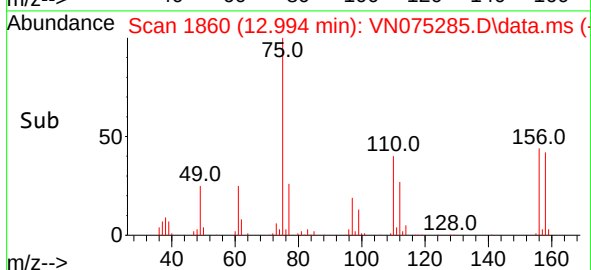
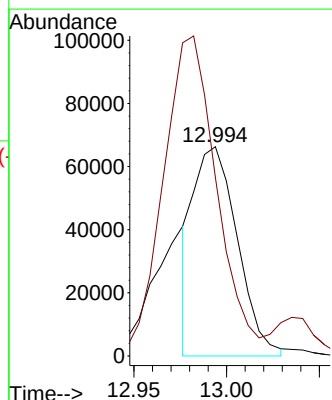
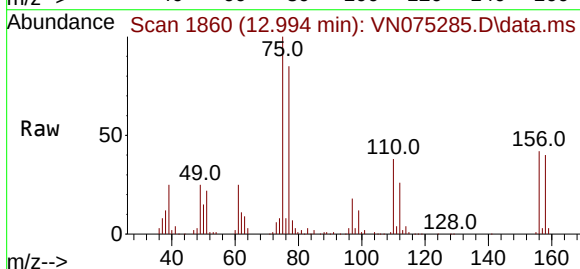
Manual Integrations
APPROVED

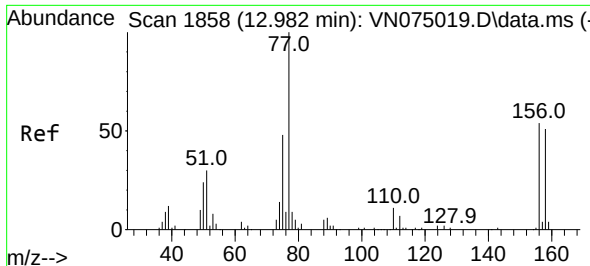
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#76
1,2,3-Trichloropropane
Concen: 45.770 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

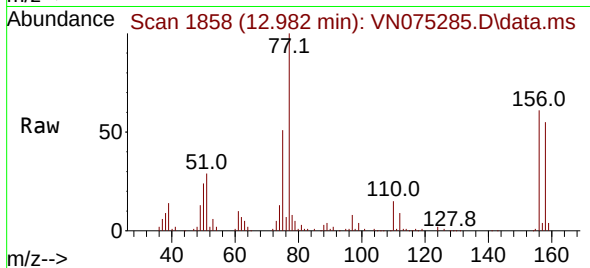
Tgt Ion: 75 Resp: 109035
Ion Ratio Lower Upper
75 100
77 186.1 75.6 226.8





#77
Bromobenzene
Concen: 53.774 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

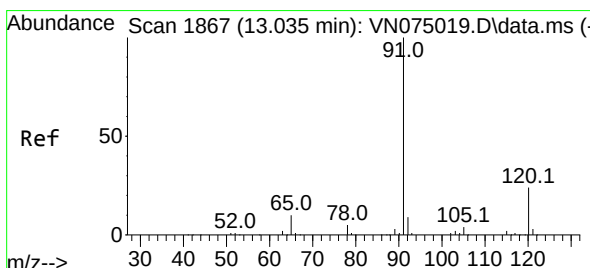
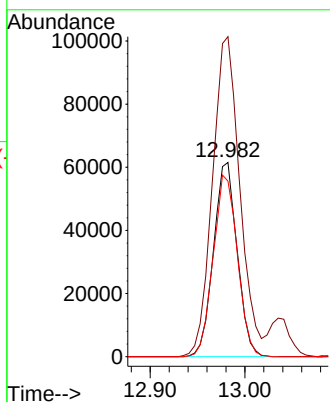
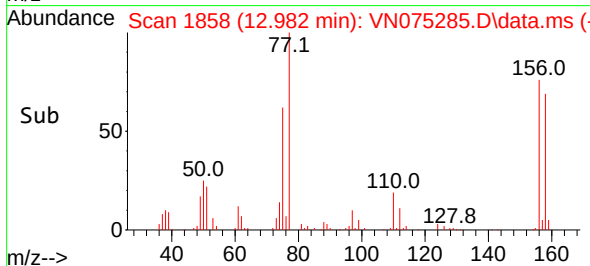
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



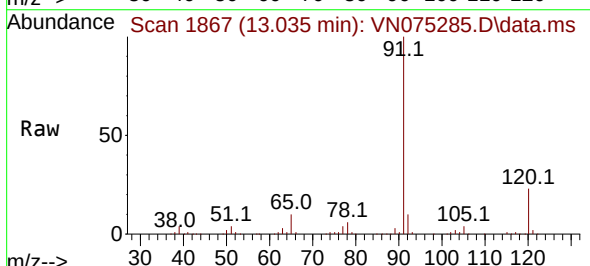
Tgt Ion:156 Resp: 106653
Ion Ratio Lower Upper
156 100
77 190.2 108.5 325.5
158 95.8 47.7 143.1

Manual Integrations
APPROVED

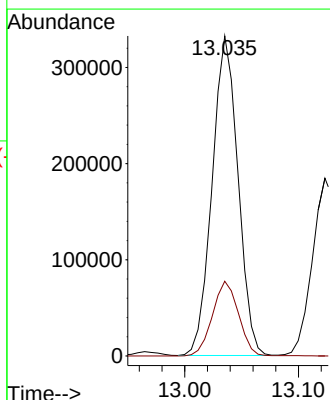
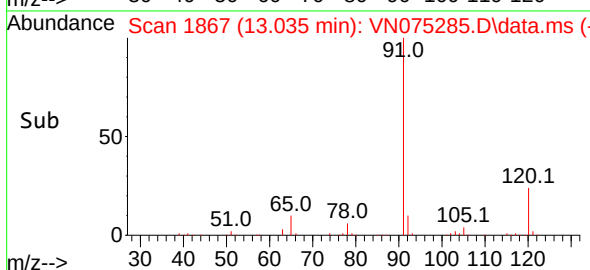
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

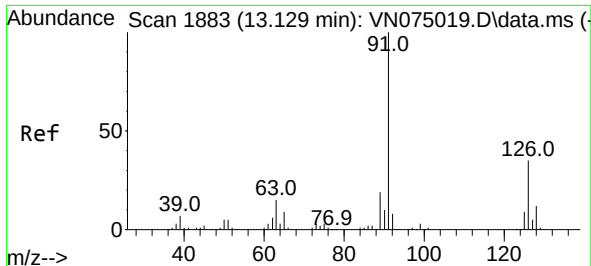


#78
n-propylbenzene
Concen: 51.966 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49



Tgt Ion: 91 Resp: 525528
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.5





#79

2-Chlorotoluene

Concen: 49.859 ug/l

RT: 13.123 min Scan# 1882

Delta R.T. -0.006 min

Lab File: VN075285.D

Acq: 15 Nov 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 30811

Ion Ratio Lower Upper

91 100

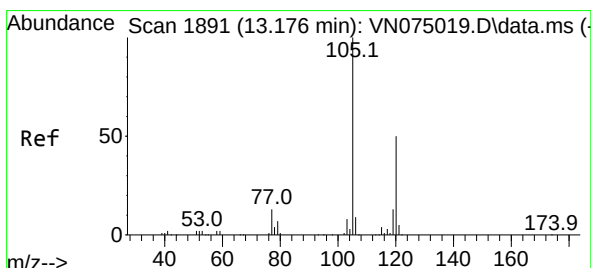
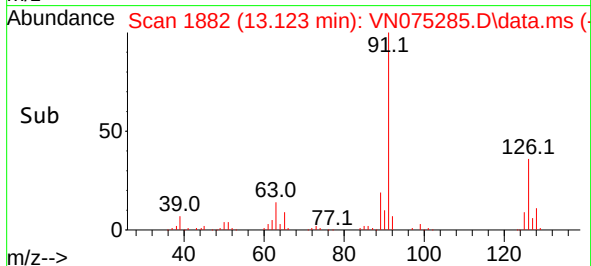
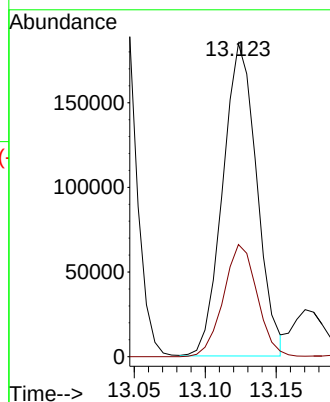
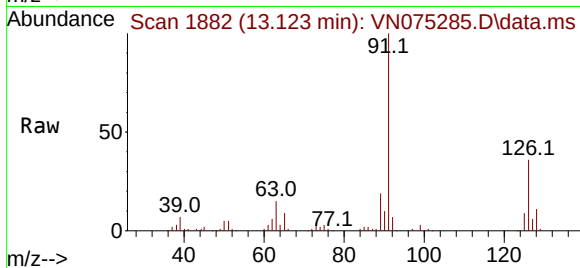
126 35.6 16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#80

1,3,5-Trimethylbenzene

Concen: 52.198 ug/l

RT: 13.170 min Scan# 1890

Delta R.T. -0.006 min

Lab File: VN075285.D

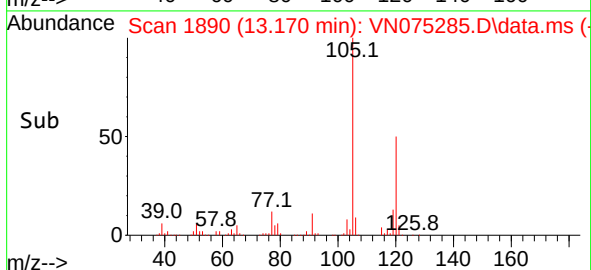
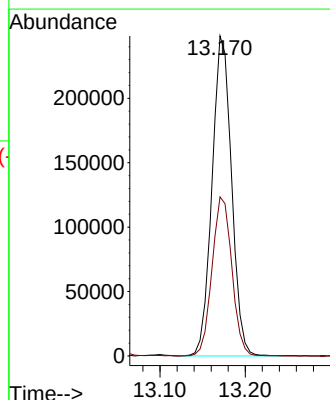
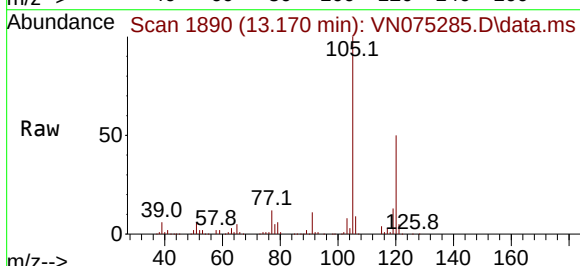
Acq: 15 Nov 2022 16:49

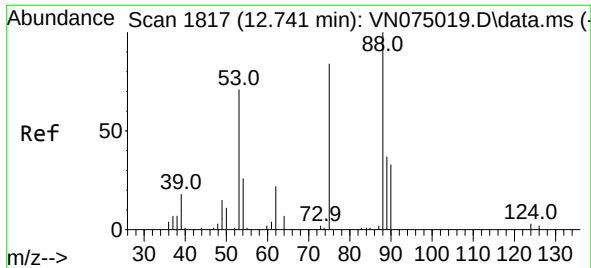
Tgt Ion:105 Resp: 394900

Ion Ratio Lower Upper

105 100

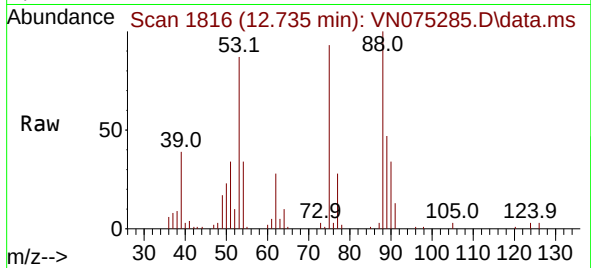
120 50.5 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 42.127 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

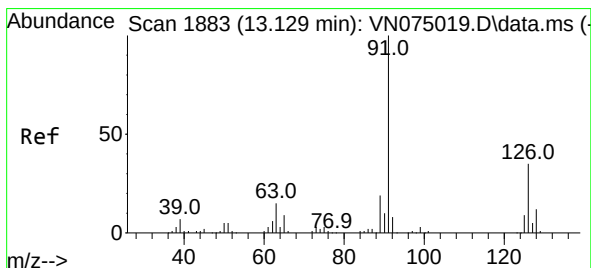
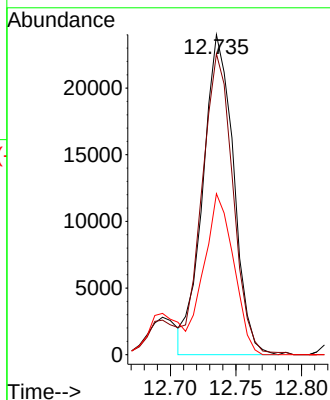
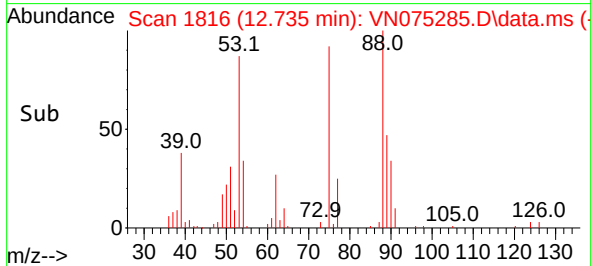
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 3909
Ion Ratio Lower Upper
75 100
53 95.0 78.5 117.7
89 48.6 37.7 56.5

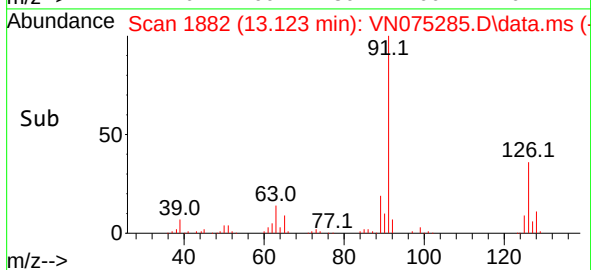
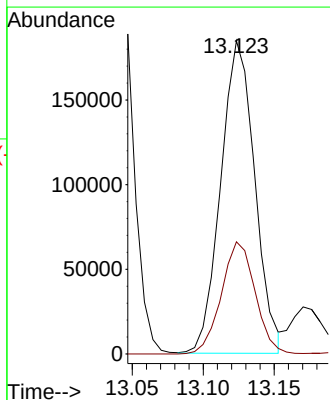
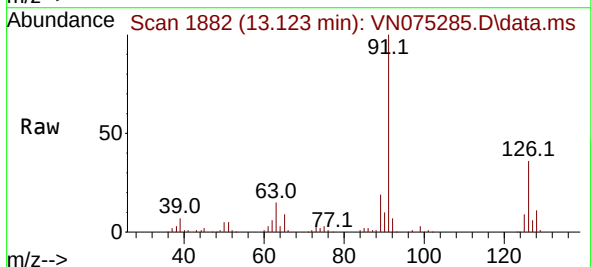
Manual Integrations
APPROVED

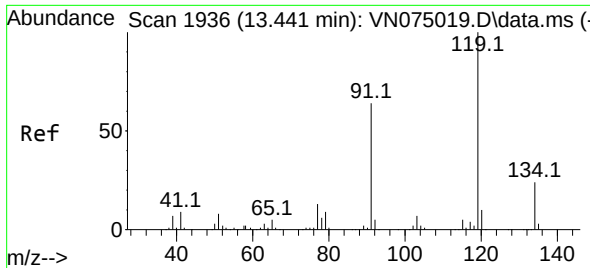
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#82
4-Chlorotoluene
Concen: 49.859 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

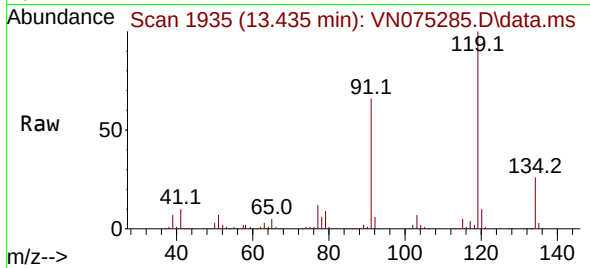
Tgt Ion: 91 Resp: 308117
Ion Ratio Lower Upper
91 100
126 35.6 16.9 50.7





#83
tert-Butylbenzene
Concen: 52.184 ug/l
RT: 13.435 min Scan# 1935
Delta R.T. -0.006 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

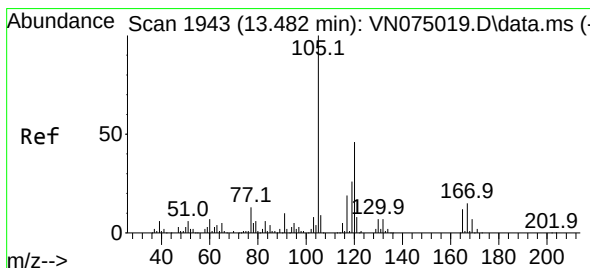
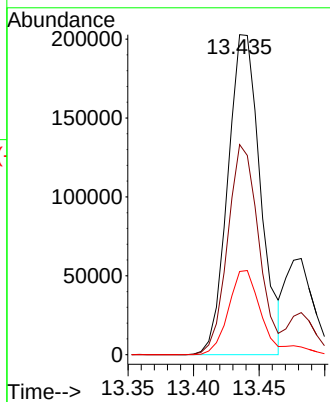
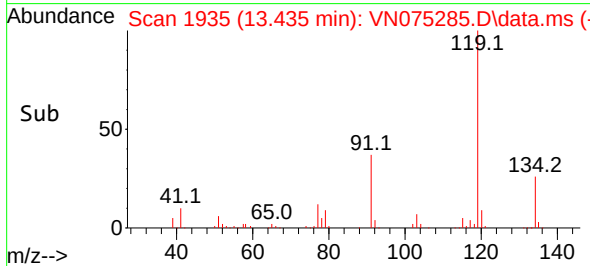
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



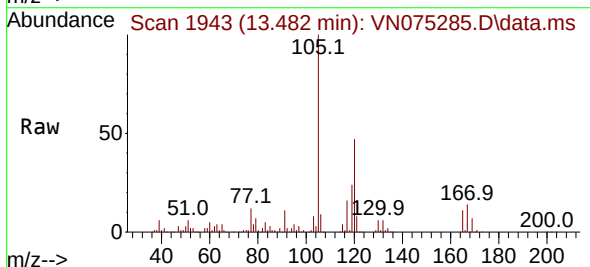
Tgt Ion:119 Resp: 35080
Ion Ratio Lower Upper
119 100
91 62.6 32.8 98.4
134 27.4 12.3 36.9

Manual Integrations
APPROVED

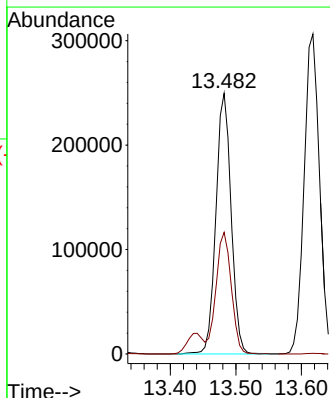
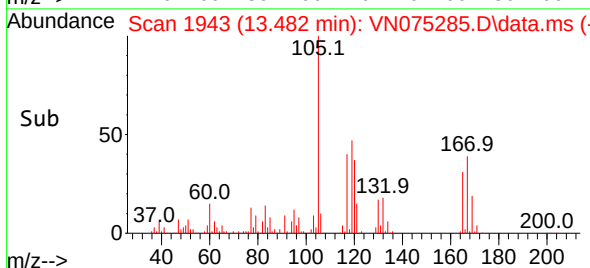
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

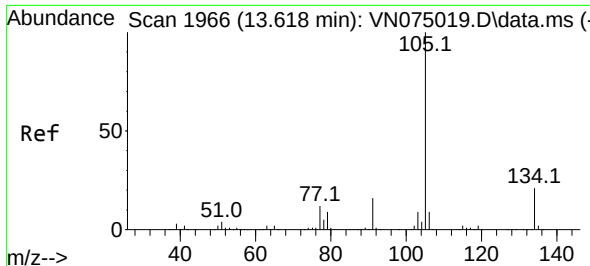


#84
1,2,4-Trimethylbenzene
Concen: 52.463 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49



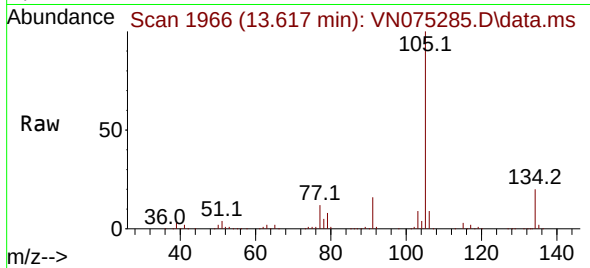
Tgt Ion:105 Resp: 401583
Ion Ratio Lower Upper
105 100
120 47.0 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 53.064 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075285.D
 Acq: 15 Nov 2022 16:49

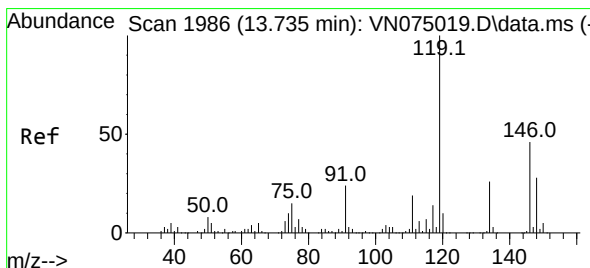
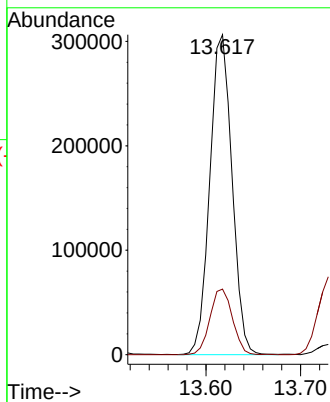
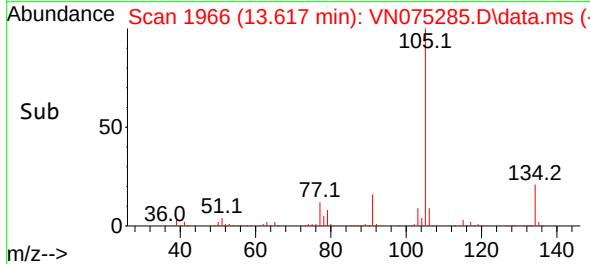
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



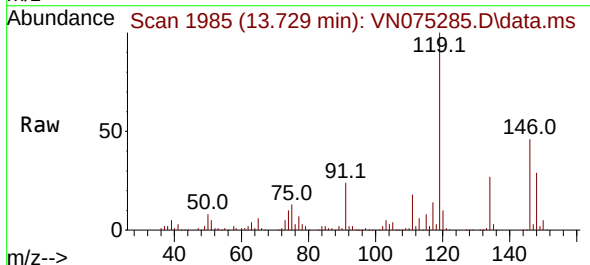
Tgt Ion:105 Resp: 499024
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.6

Manual Integrations
 APPROVED

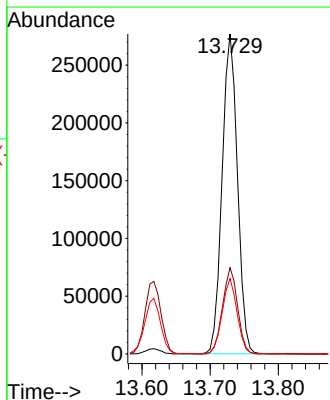
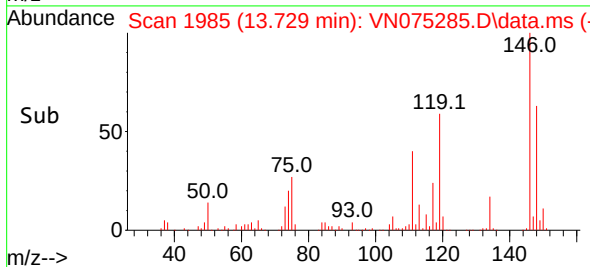
Reviewed By :John Carlone 11/16/2022
 Supervised By :Mahesh Dadoda 11/16/2022

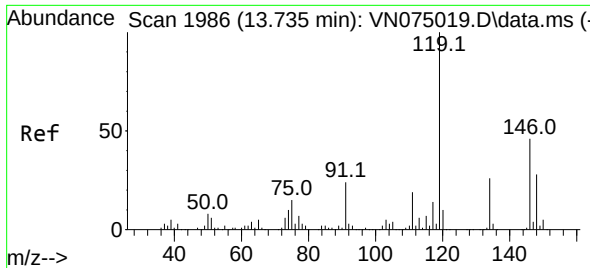


#86
 p-Isopropyltoluene
 Concen: 55.742 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075285.D
 Acq: 15 Nov 2022 16:49



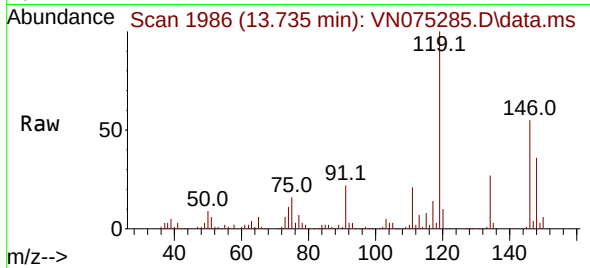
Tgt Ion:119 Resp: 432926
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.3
 91 23.0 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 56.092 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

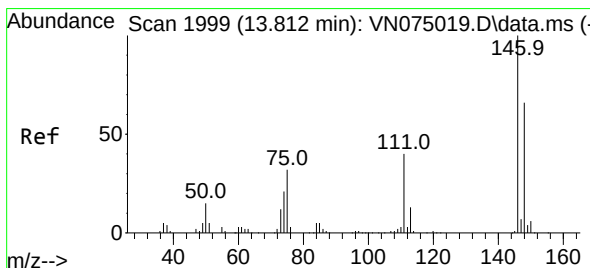
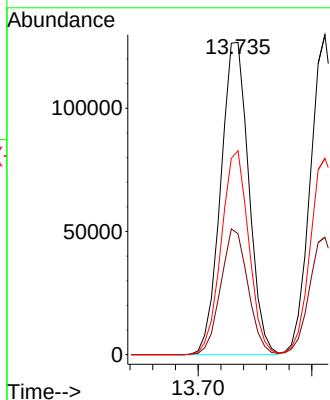
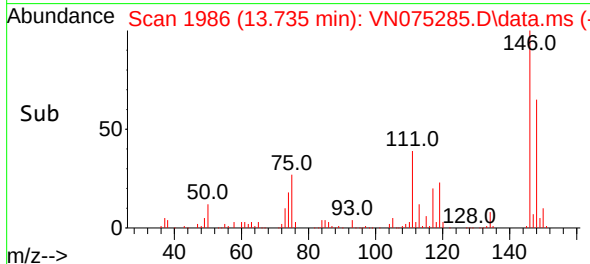
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



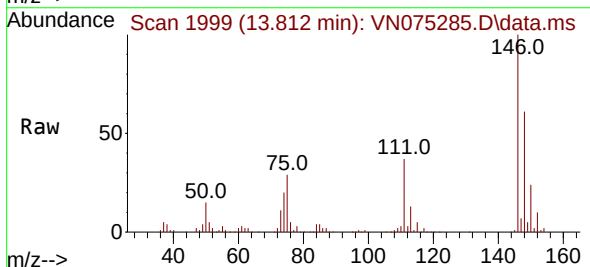
Tgt Ion:146 Resp: 217819
Ion Ratio Lower Upper
146 100
111 39.1 20.8 62.5
148 64.0 31.1 93.5

Manual Integrations
APPROVED

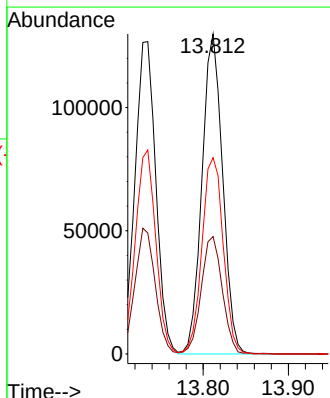
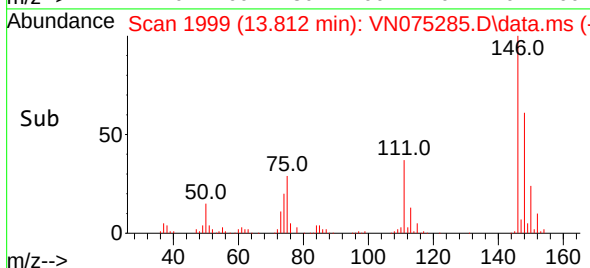
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

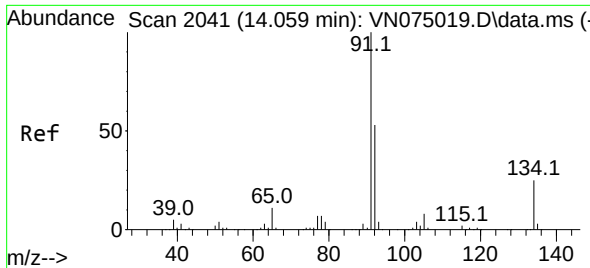


#88
1,4-Dichlorobenzene
Concen: 56.939 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49



Tgt Ion:146 Resp: 218826
Ion Ratio Lower Upper
146 100
111 37.5 20.1 60.3
148 63.3 31.9 95.7





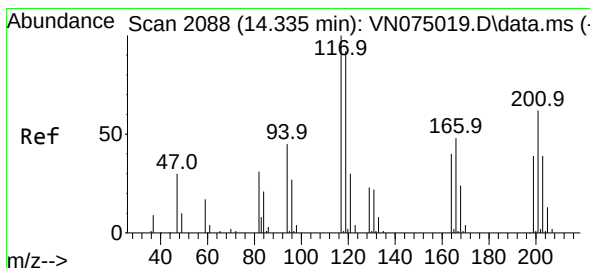
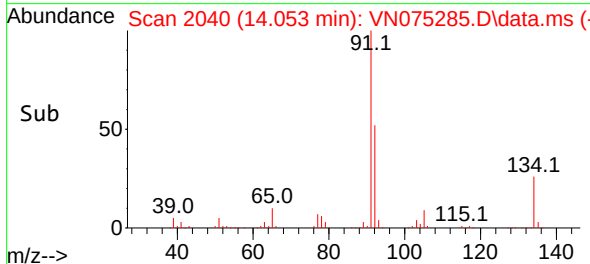
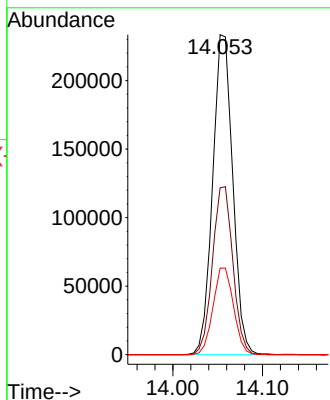
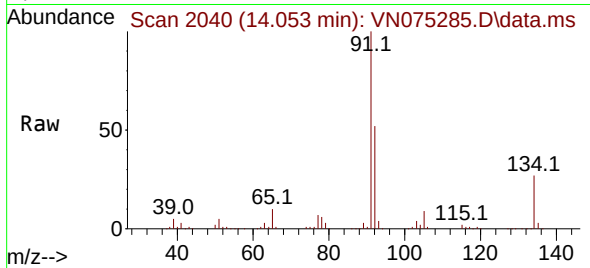
#89
n-Butylbenzene
Concen: 58.100 ug/l
RT: 14.053 min Scan# 2041
Delta R.T. -0.006 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 36337
Ion Ratio Lower Upper
91 100
92 53.4 26.5 79.4
134 27.6 13.0 39.0

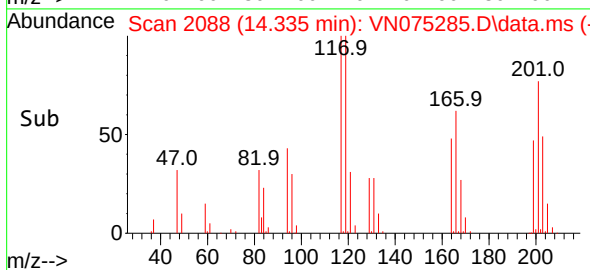
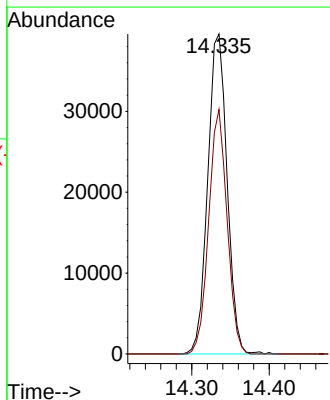
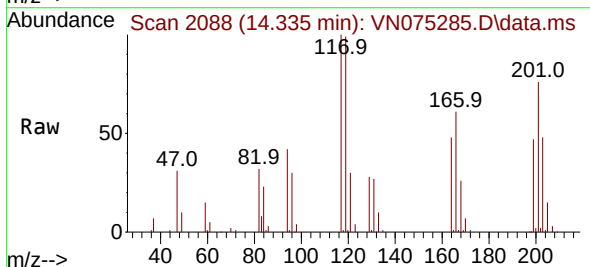
Manual Integrations
APPROVED

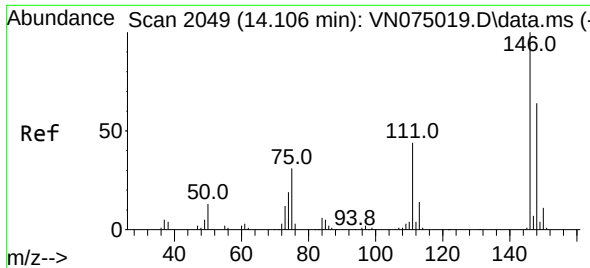
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#90
Hexachloroethane
Concen: 48.247 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

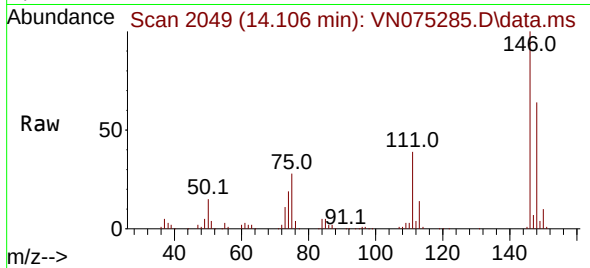
Tgt Ion:117 Resp: 68703
Ion Ratio Lower Upper
117 100
201 72.6 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 55.803 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

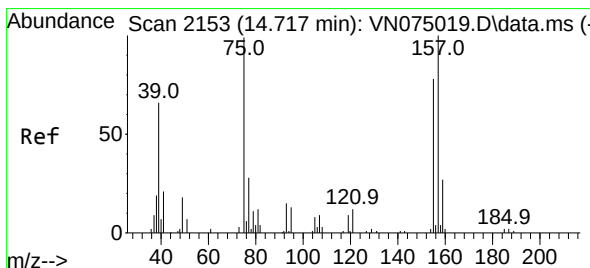
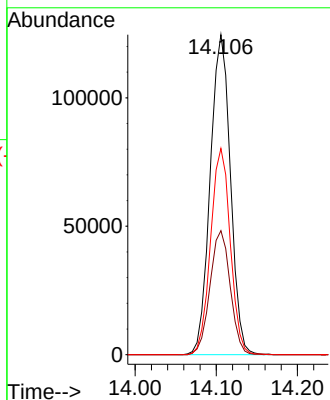
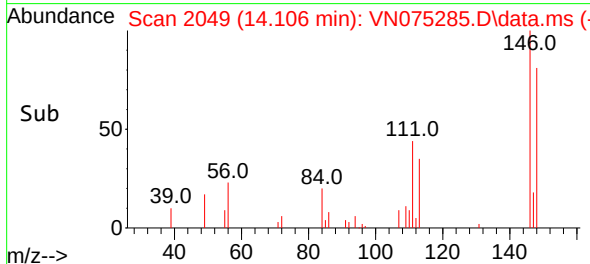
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



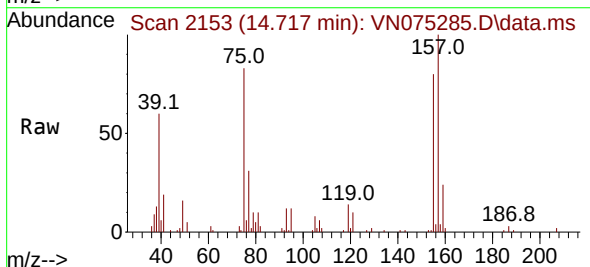
Tgt Ion:146 Resp: 215430
Ion Ratio Lower Upper
146 100
111 38.8 21.3 63.9
148 62.8 31.4 94.2

Manual Integrations
APPROVED

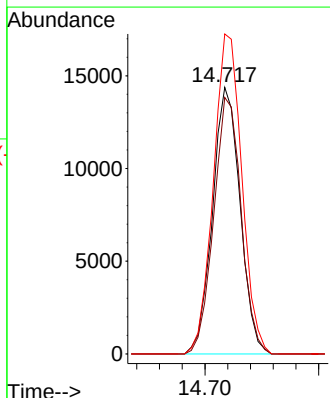
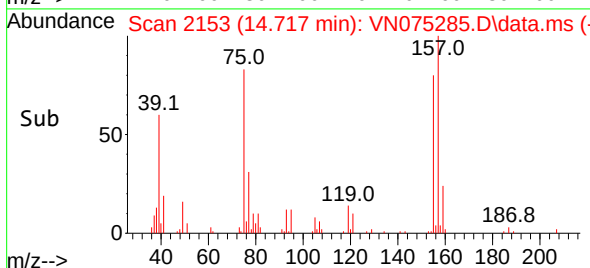
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

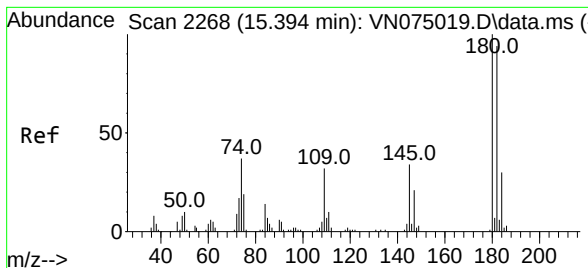


#92
1,2-Dibromo-3-Chloropropane
Concen: 39.830 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. 0.000 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49



Tgt Ion: 75 Resp: 24200
Ion Ratio Lower Upper
75 100
155 95.6 42.1 126.3
157 123.8 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 64.666 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075285.D

Acq: 15 Nov 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

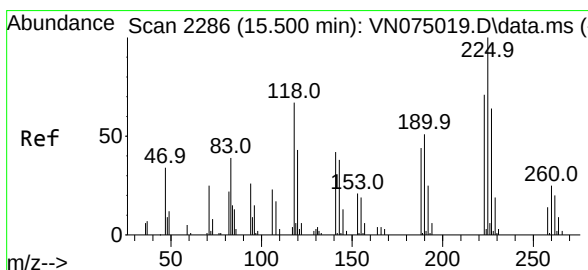
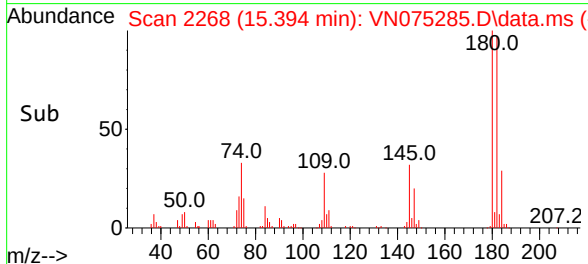
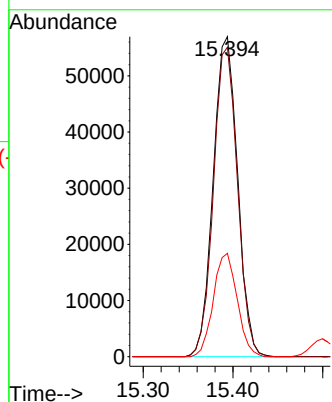
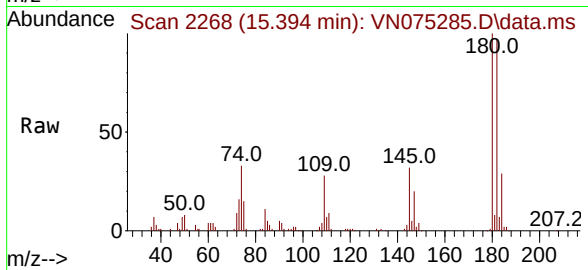
Tgt Ion:180	Resp: 10742
Ion Ratio	Lower Upper
180 100	
182 95.3	47.8 143.4
145 31.6	16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#94

Hexachlorobutadiene

Concen: 64.071 ug/l

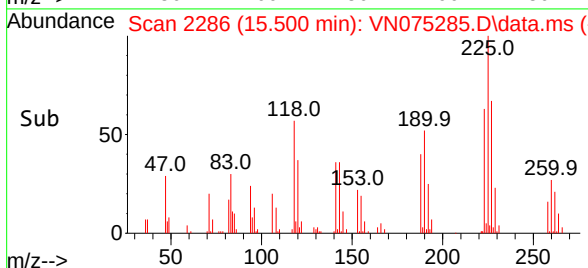
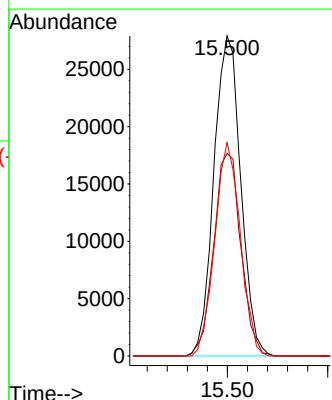
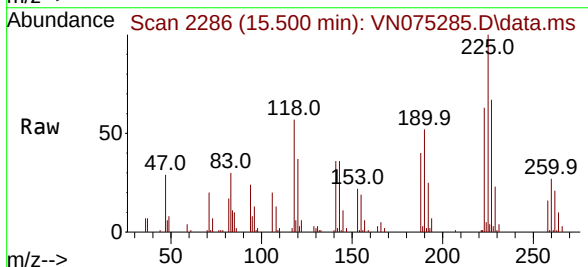
RT: 15.500 min Scan# 2286

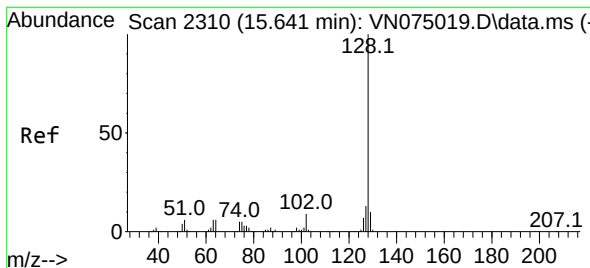
Delta R.T. -0.000 min

Lab File: VN075285.D

Acq: 15 Nov 2022 16:49

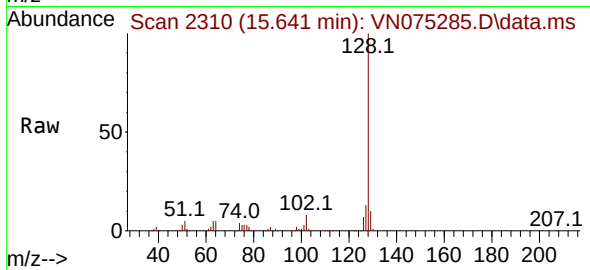
Tgt Ion:225	Resp: 51889
Ion Ratio	Lower Upper
225 100	
223 64.1	32.3 96.9
227 63.4	32.0 96.2





#95
Naphthalene
Concen: 54.092 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49

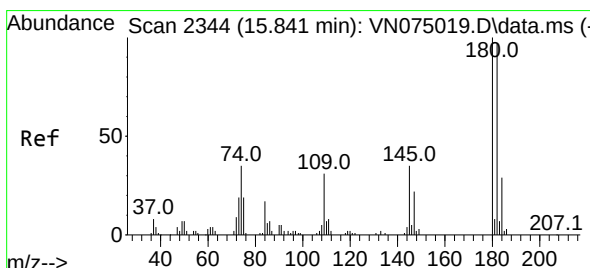
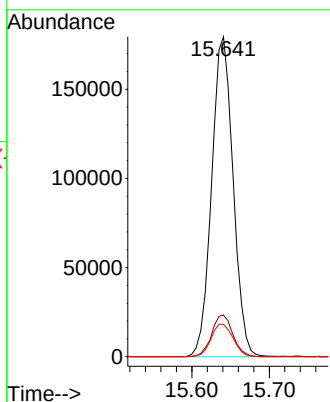
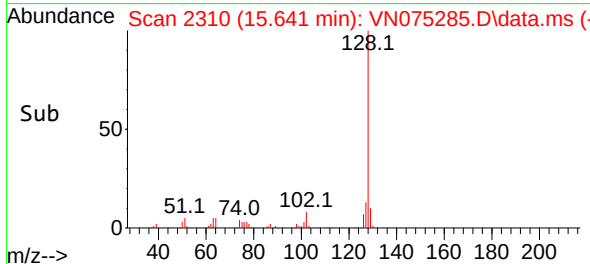
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



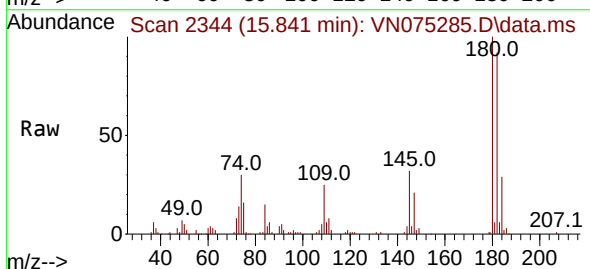
Tgt Ion:128 Resp: 345570
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.5 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 63.152 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075285.D
Acq: 15 Nov 2022 16:49



Tgt Ion:180 Resp: 104240
Ion Ratio Lower Upper
180 100
182 93.7 47.3 141.8
145 33.3 17.6 52.9

