

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121922\
 Data File : VN075885.D
 Acq On : 19 Dec 2022 20:46
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2022
 Supervised By : Mahesh Dadoda 12/20/2022

Quant Time: Dec 20 01:32:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	379997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	612881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	604781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	279321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	216750	52.431	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.860%			
35) Dibromofluoromethane	8.171	113	191130	50.357	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.720%			
50) Toluene-d8	10.571	98	731021	51.513	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.020%			
62) 4-Bromofluorobenzene	12.853	95	276242	58.773	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.540%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	140634	52.123	ug/l	99
3) Chloromethane	2.377	50	181300	54.038	ug/l	96
4) Vinyl Chloride	2.530	62	233017	58.224	ug/l	99
5) Bromomethane	2.948	94	173082	50.888	ug/l	98
6) Chloroethane	3.124	64	158665	53.537	ug/l	96
7) Trichlorofluoromethane	3.506	101	282915	46.588	ug/l	99
8) Diethyl Ether	3.971	74	111578	50.305	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.389	101	160618	46.319	ug/l	97
10) Methyl Iodide	4.601	142	260340	46.261	ug/l	98
11) Tert butyl alcohol	5.536	59	140890	240.855	ug/l	100
12) 1,1-Dichloroethene	4.359	96	154278	45.809	ug/l	98
13) Acrolein	4.189	56	211338	294.696	ug/l	97
14) Allyl chloride	5.042	41	192927	49.003	ug/l	90
15) Acrylonitrile	5.736	53	400977	251.189	ug/l	100
16) Acetone	4.442	43	314313	220.559	ug/l	95
17) Carbon Disulfide	4.724	76	332939	40.830	ug/l	97
18) Methyl Acetate	5.042	43	211050	50.102	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	587121	52.938	ug/l	97
20) Methylene Chloride	5.289	84	184765	48.447	ug/l	98
21) trans-1,2-Dichloroethene	5.795	96	168891	45.790	ug/l	98
22) Diisopropyl ether	6.683	45	500180	52.298	ug/l	98
23) Vinyl Acetate	6.612	43	1662510	258.262	ug/l	98
24) 1,1-Dichloroethane	6.577	63	309037	48.450	ug/l	99
25) 2-Butanone	7.494	43	503442	252.306	ug/l	99
26) 2,2-Dichloropropane	7.500	77	257794	47.726	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	211046	47.843	ug/l	96
28) Bromochloromethane	7.824	49	118242	42.295	ug/l	97
29) Tetrahydrofuran	7.847	42	330214	264.078	ug/l	99
30) Chloroform	7.971	83	339666	47.297	ug/l	95
31) Cyclohexane	8.265	56	259427	43.817	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	312603	49.099	ug/l	99
36) 1,1-Dichloropropene	8.377	75	236178	46.843	ug/l	98
37) Ethyl Acetate	7.571	43	208269	51.426	ug/l	97
38) Carbon Tetrachloride	8.371	117	255777	45.326	ug/l	98
39) Methylcyclohexane	9.606	83	303760	49.938	ug/l	99
40) Benzene	8.612	78	735809	47.300	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	109863	52.189	ug/l	95
42) 1,2-Dichloroethane	8.677	62	256542	49.605	ug/l	99
43) Isopropyl Acetate	8.694	43	359512	53.814	ug/l	99
44) Trichloroethene	9.359	130	202765	46.268	ug/l	93
45) 1,2-Dichloropropane	9.624	63	183444	48.460	ug/l	100
46) Dibromomethane	9.712	93	136544	48.632	ug/l	98
47) Bromodichloromethane	9.894	83	270071	49.050	ug/l	99
48) Methyl methacrylate	9.683	41	168707	56.069	ug/l	97
49) 1,4-Dioxane	9.700	88	70005	946.376	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	1105878	273.722	ug/l	99
52) Toluene	10.635	92	499557	49.308	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	286625	53.179	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	310712	52.506	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	205299	51.627	ug/l	98
56) Ethyl methacrylate	10.877	69	303197	57.402	ug/l	98
57) 1,3-Dichloropropane	11.165	76	328313	50.333	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	535282	318.301	ug/l	99
59) 2-Hexanone	11.200	43	819708	278.211	ug/l	98
60) Dibromochloromethane	11.359	129	222302	50.268	ug/l	100
61) 1,2-Dibromoethane	11.471	107	205348	51.029	ug/l	100
64) Tetrachloroethene	11.106	164	170044	39.957	ug/l	99
65) Chlorobenzene	11.894	112	544918	43.899	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	211207	45.937	ug/l	97
67) Ethyl Benzene	11.965	91	976550	46.613	ug/l	97
68) m/p-Xylenes	12.076	106	766919	92.489	ug/l	98
69) o-Xylene	12.400	106	399008	48.625	ug/l	99
70) Styrene	12.412	104	661698	50.715	ug/l	99
71) Bromoform	12.582	173	154052	46.047	ug/l #	97
73) Isopropylbenzene	12.700	105	1036174	51.334	ug/l	100
74) N-amyl acetate	12.494	43	340484	57.499	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	315991	50.640	ug/l	93
76) 1,2,3-Trichloropropane	12.994	75	265189m	47.099	ug/l	
77) Bromobenzene	12.982	156	243392	47.646	ug/l	94
78) n-propylbenzene	13.041	91	1201070	53.949	ug/l	100
79) 2-Chlorotoluene	13.129	91	698222	50.242	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	897747	53.141	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	85254	54.502	ug/l	95
82) 4-Chlorotoluene	13.129	91	698222	50.242	ug/l	99
83) tert-Butylbenzene	13.441	119	766146	51.437	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	886859	52.917	ug/l	98
85) sec-Butylbenzene	13.618	105	1139312	55.418	ug/l	99
86) p-Isopropyltoluene	13.729	119	959699	56.102	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	474261	50.260	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	457904	47.502	ug/l	99
89) n-Butylbenzene	14.059	91	838739	60.522	ug/l	97
90) Hexachloroethane	14.335	117	159918	52.261	ug/l	94
91) 1,2-Dichlorobenzene	14.112	146	464948	50.024	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	58774	53.082	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	236338	51.361	ug/l	99
94) Hexachlorobutadiene	15.506	225	116584	46.438	ug/l	99
95) Naphthalene	15.641	128	787712	51.739	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	241522	56.157	ug/l	98

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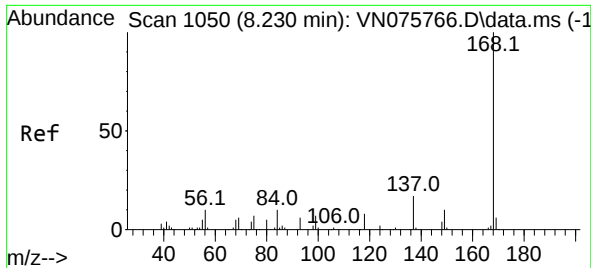
Manual Integrations
APPROVED

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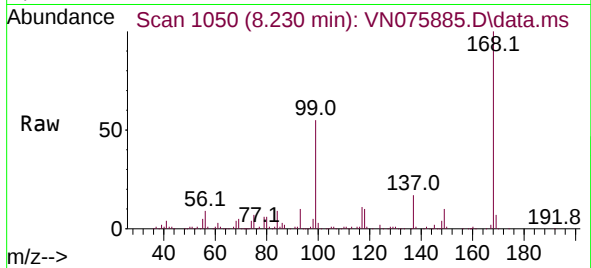
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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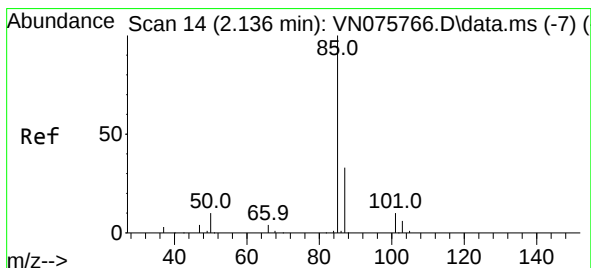
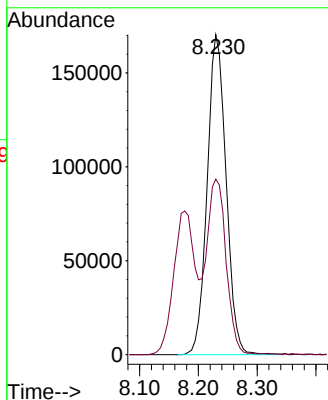
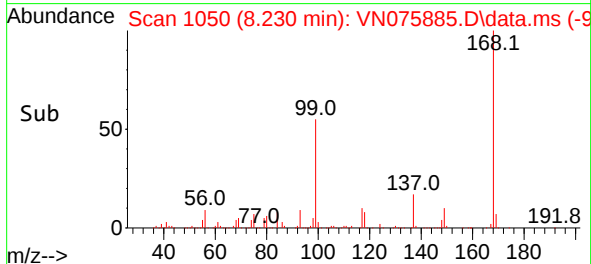
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VSTDCCC050EC



Tgt Ion:168 Resp: 379997
Ion Ratio Lower Upper
168 100
99 54.7 44.2 66.4

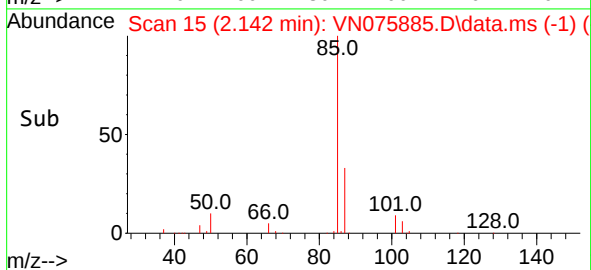
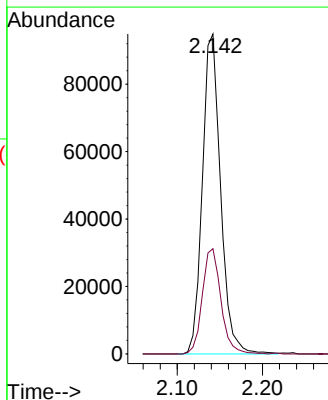
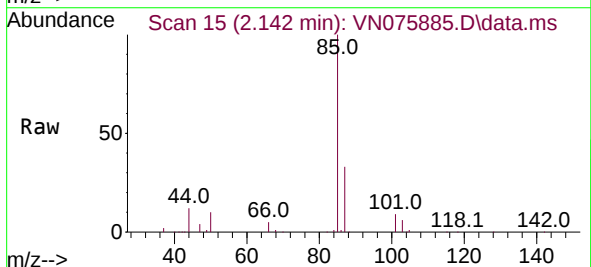
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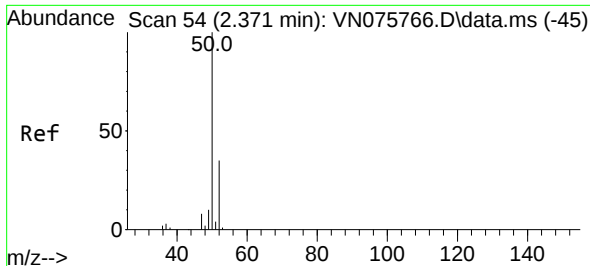
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#2
Dichlorodifluoromethane
Concen: 52.123 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

Tgt Ion: 85 Resp: 140634
Ion Ratio Lower Upper
85 100
87 32.9 16.3 48.9





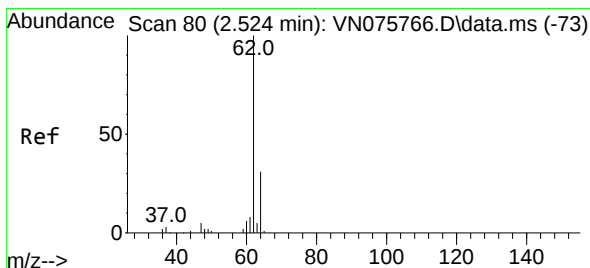
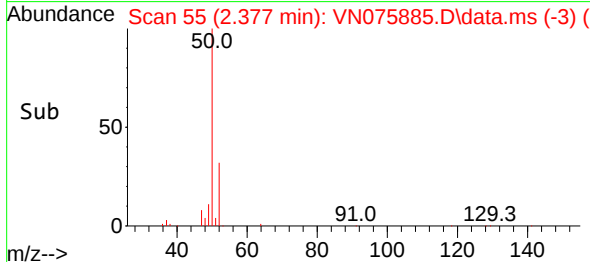
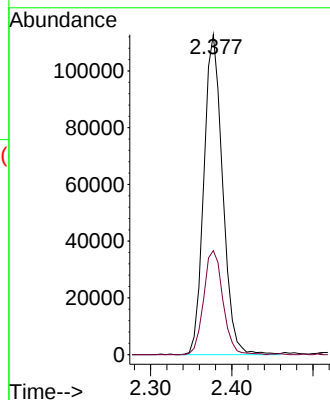
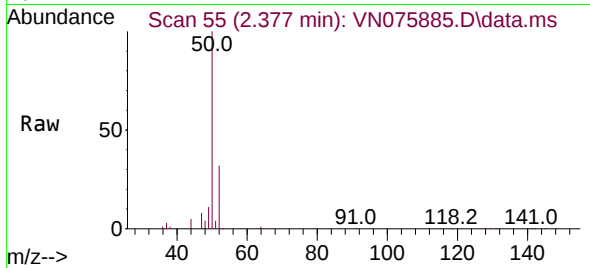
#3
Chloromethane
Concen: 54.038 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

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Tgt Ion: 50 Resp: 181300
Ion Ratio Lower Upper
50 100
52 32.5 27.7 41.5

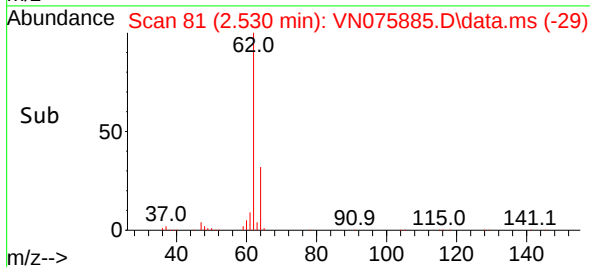
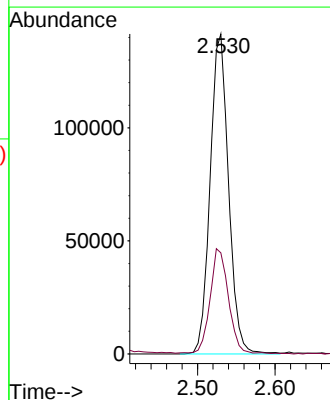
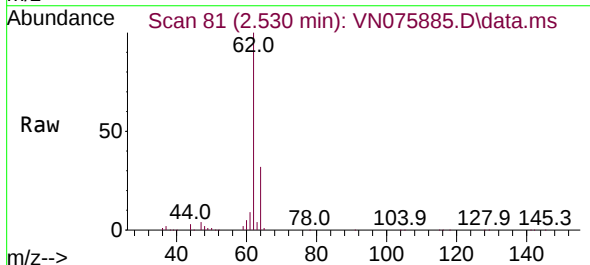
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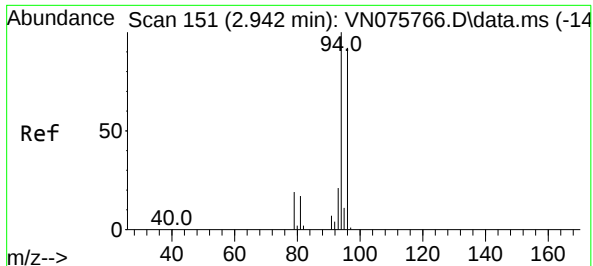
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#4
Vinyl Chloride
Concen: 58.224 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

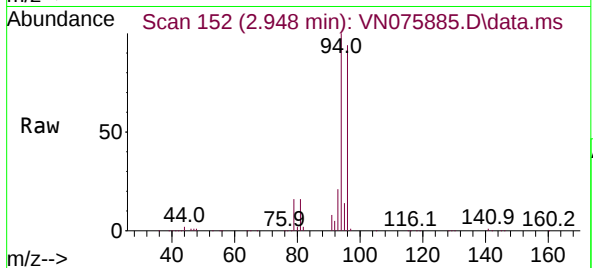
Tgt Ion: 62 Resp: 233017
Ion Ratio Lower Upper
62 100
64 31.5 24.9 37.3





#5
Bromomethane
Concen: 50.888 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075885.D
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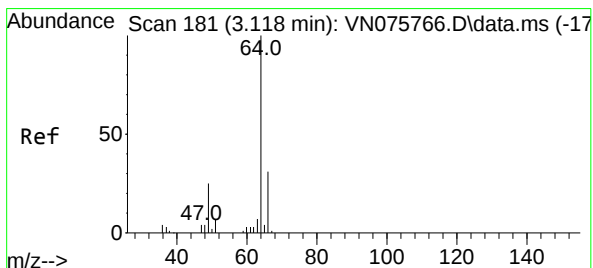
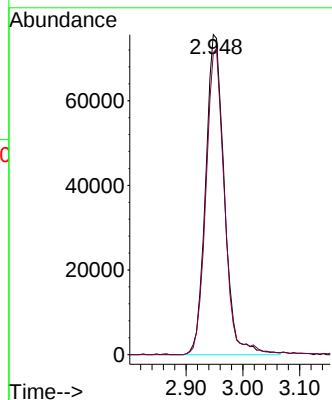
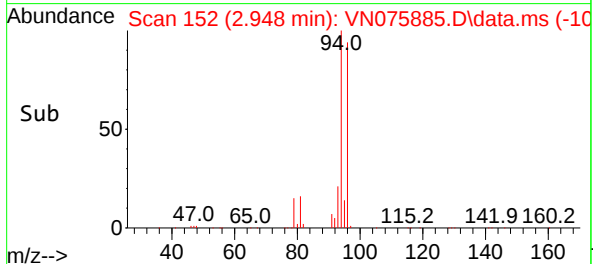
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Tgt Ion: 94 Resp: 173082
Ion Ratio Lower Upper
94 100
96 94.4 73.8 110.6

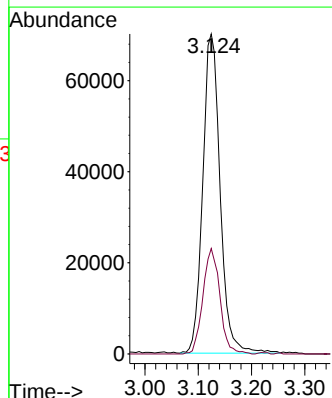
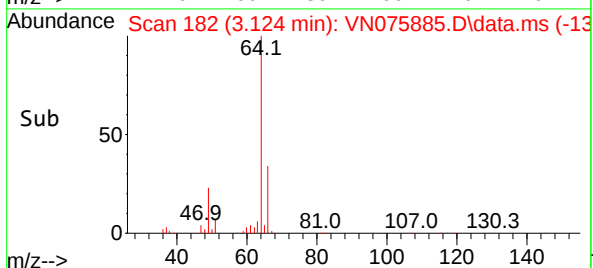
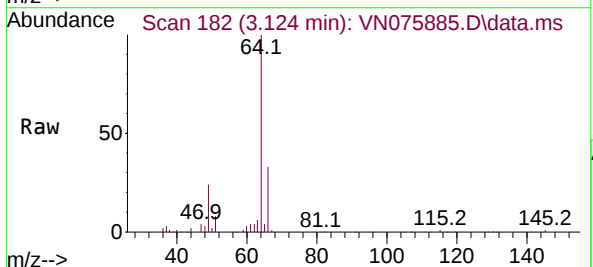
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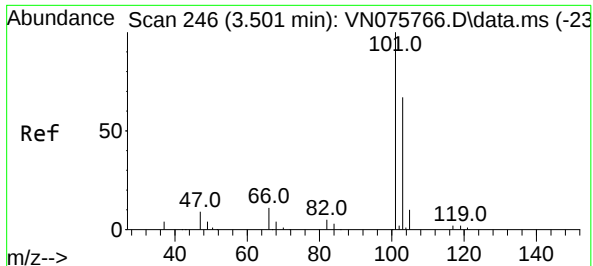
Reviewed By :John Carlone 12/20/2022
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#6
Chloroethane
Concen: 53.537 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
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Tgt Ion: 64 Resp: 158665
Ion Ratio Lower Upper
64 100
66 33.0 24.6 36.8





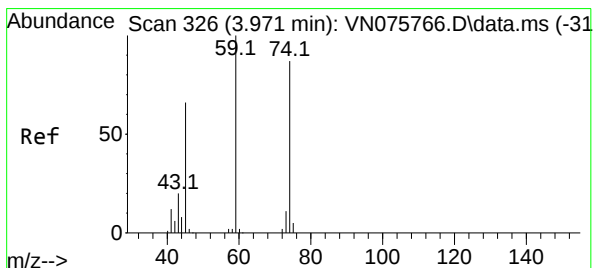
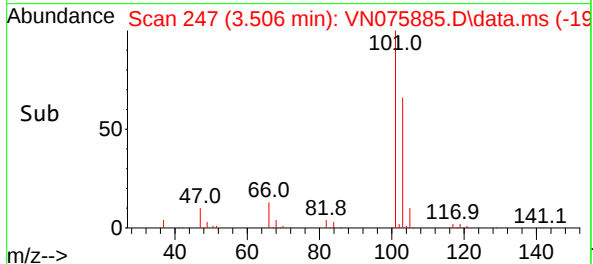
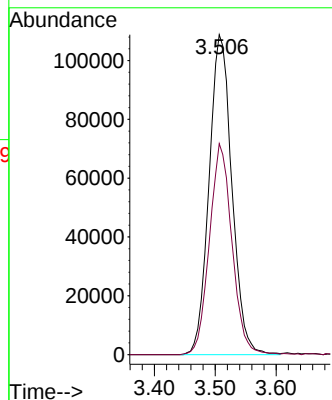
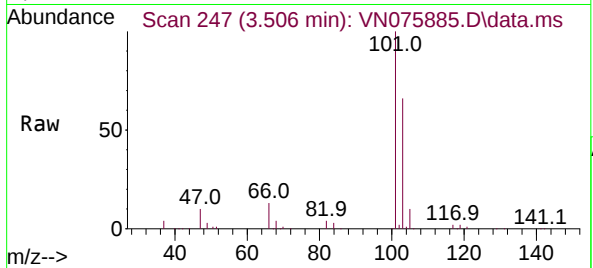
#7
Trichlorofluoromethane
Concen: 46.588 ug/l
RT: 3.506 min Scan# 246
Delta R.T. 0.006 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 282915
Ion Ratio Lower Upper
101 100
103 65.9 53.4 80.2

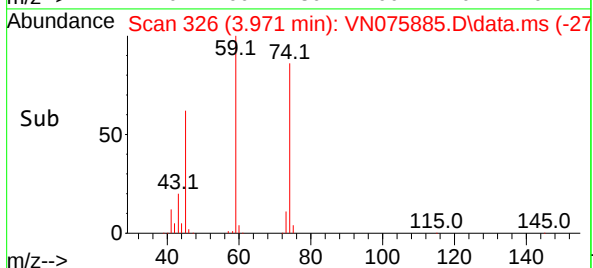
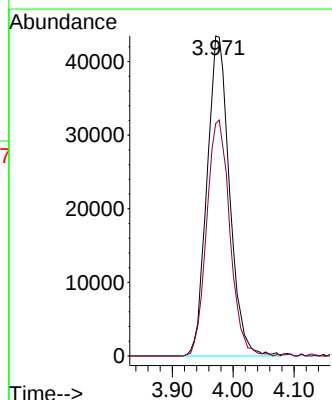
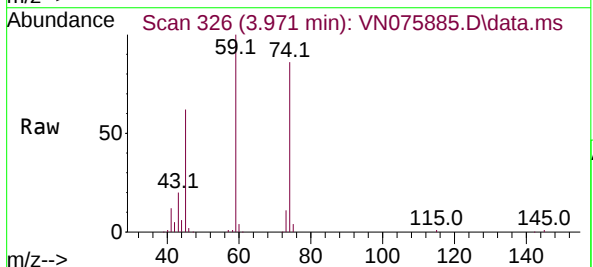
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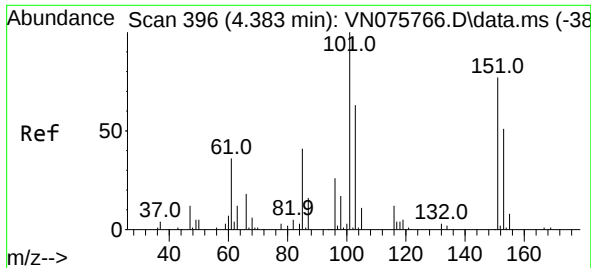
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#8
Diethyl Ether
Concen: 50.305 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

Tgt Ion: 74 Resp: 111578
Ion Ratio Lower Upper
74 100
45 76.0 37.8 113.4





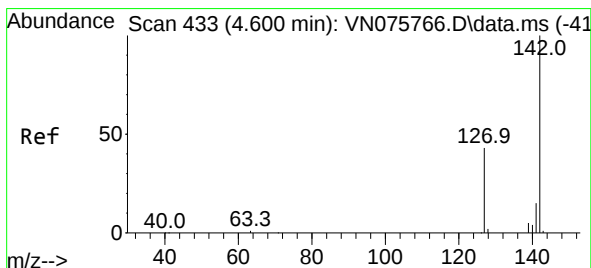
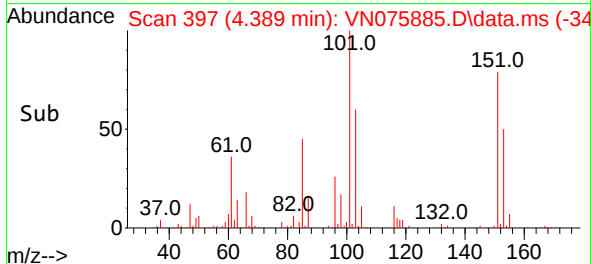
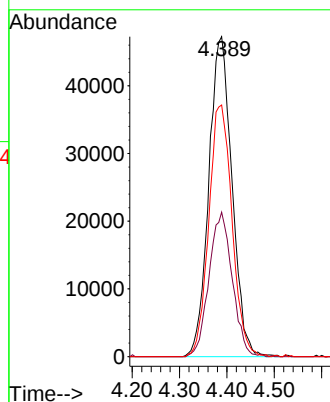
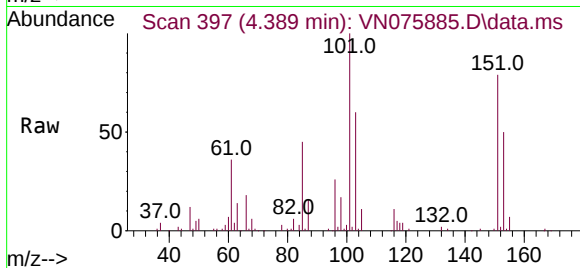
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.319 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 160618
Ion Ratio Lower Upper
101 100
85 45.1 35.3 52.9
151 78.9 65.6 98.4

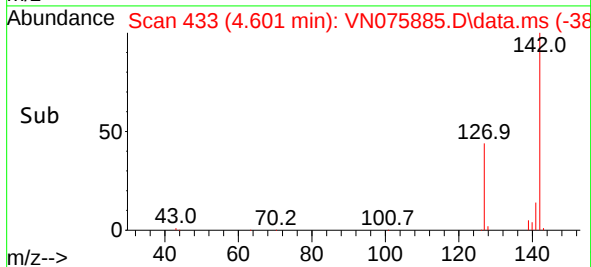
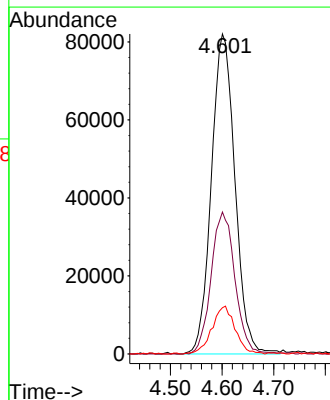
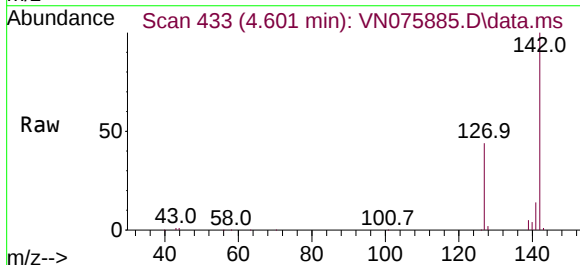
Manual Integrations
APPROVED

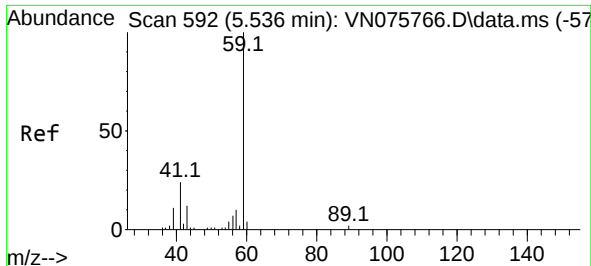
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#10
Methyl Iodide
Concen: 46.261 ug/l
RT: 4.601 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

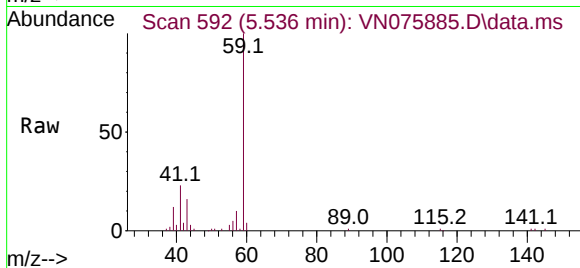
Tgt Ion:142 Resp: 260340
Ion Ratio Lower Upper
142 100
127 44.8 34.7 52.1
141 14.7 11.4 17.2





#11
Tert butyl alcohol
Concen: 240.855 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

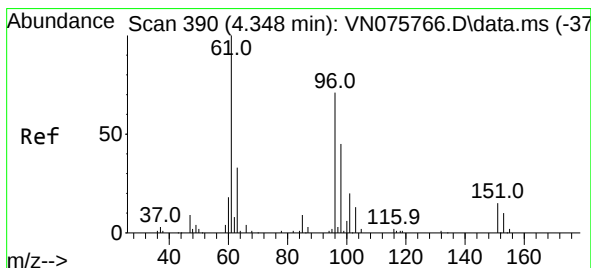
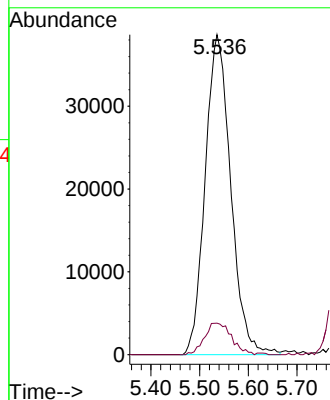
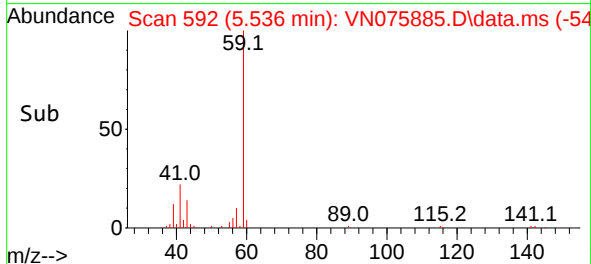
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



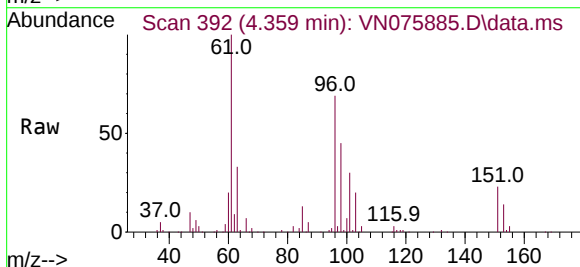
Tgt Ion: 59 Resp: 140890
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

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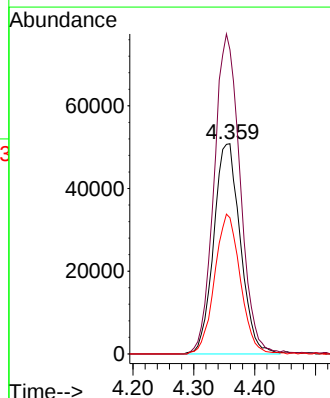
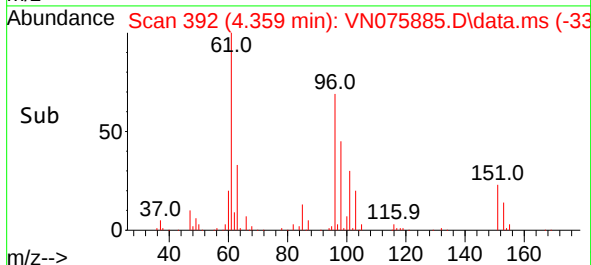
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

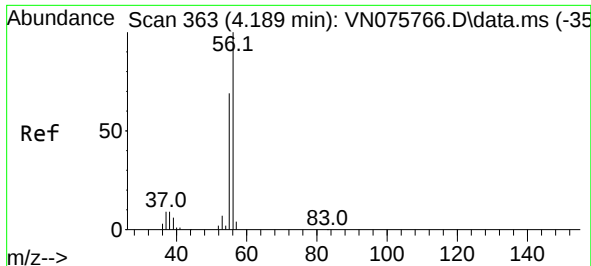


#12
1,1-Dichloroethene
Concen: 45.809 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46



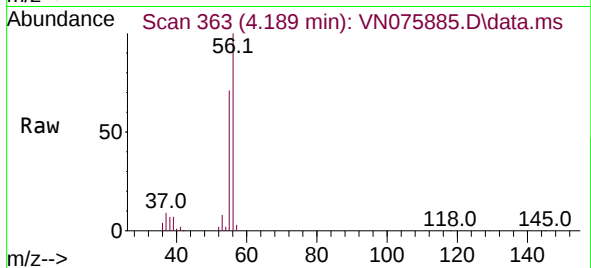
Tgt Ion: 96 Resp: 154278
Ion Ratio Lower Upper
96 100
61 144.7 113.3 169.9
98 64.8 50.9 76.3





#13
Acrolein
Concen: 294.696 ug/l
RT: 4.189 min Scan# 363
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

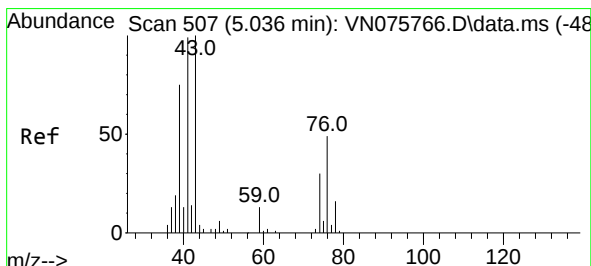
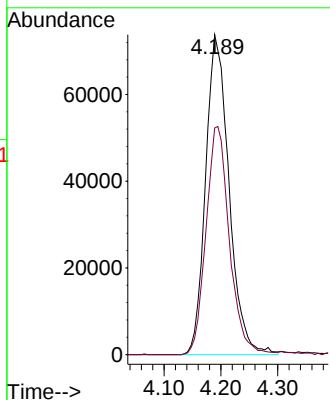
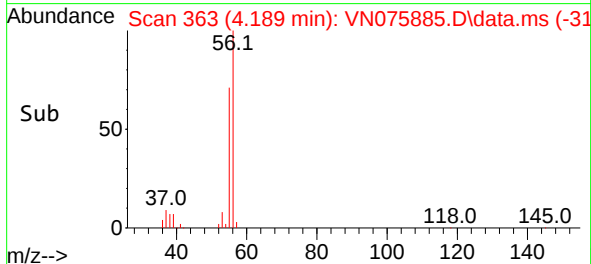
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



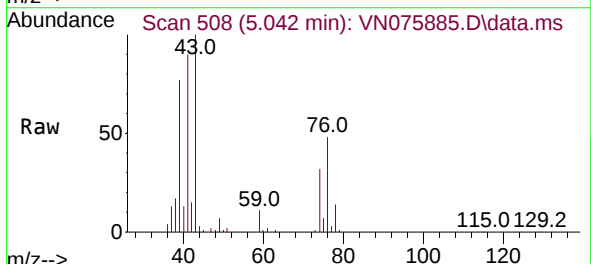
Tgt Ion: 56 Resp: 211338
Ion Ratio Lower Upper
56 100
55 71.2 54.8 82.2

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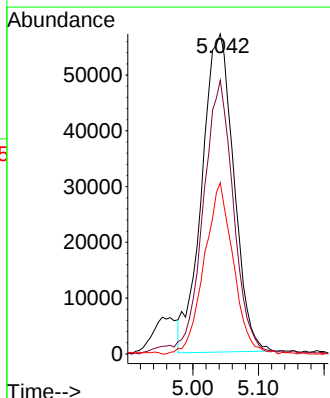
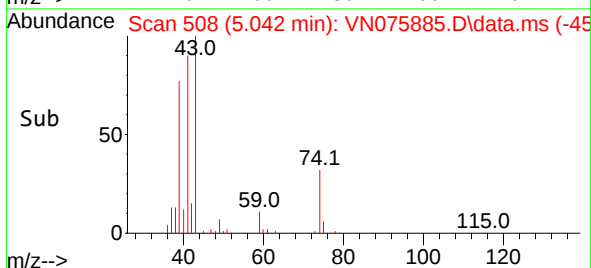
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

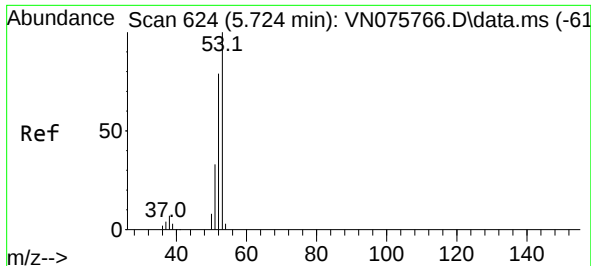


#14
Allyl chloride
Concen: 49.003 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46



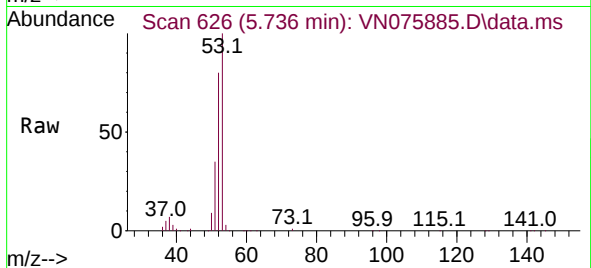
Tgt Ion: 41 Resp: 192927
Ion Ratio Lower Upper
41 100
39 83.1 58.3 87.5
76 48.8 35.8 53.6





#15
Acrylonitrile
Concen: 251.189 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

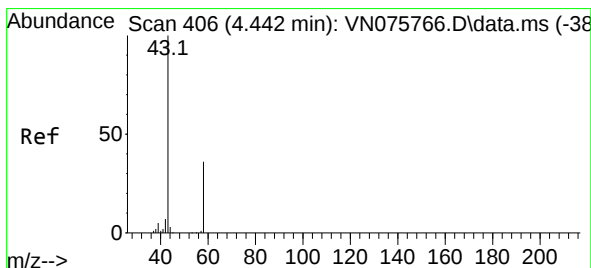
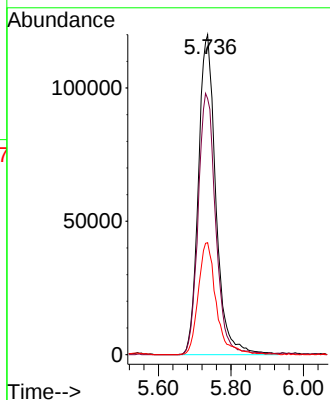
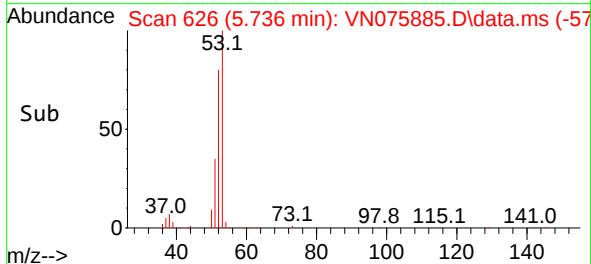
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 400972
Ion Ratio Lower Upper
53 100
52 81.9 65.4 98.0
51 36.0 28.9 43.3

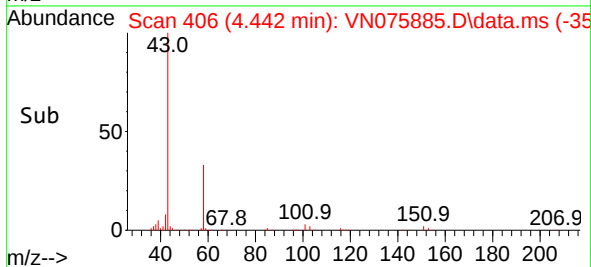
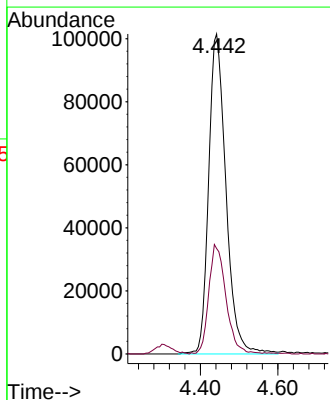
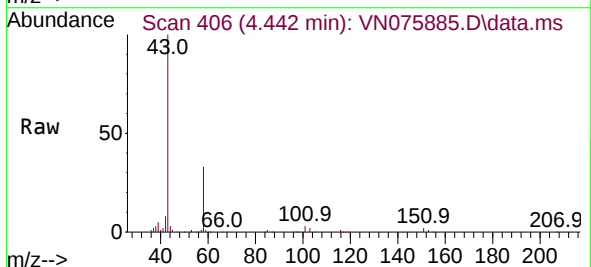
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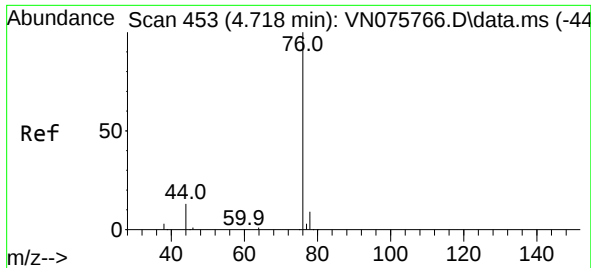
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#16
Acetone
Concen: 220.559 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

Tgt Ion: 43 Resp: 314313
Ion Ratio Lower Upper
43 100
58 32.7 28.6 43.0





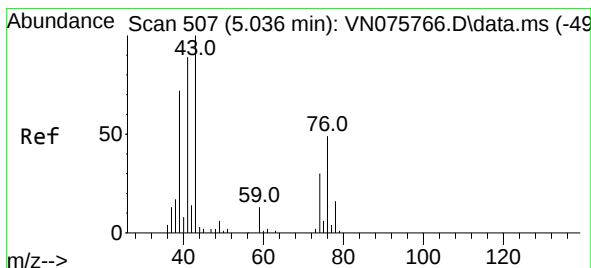
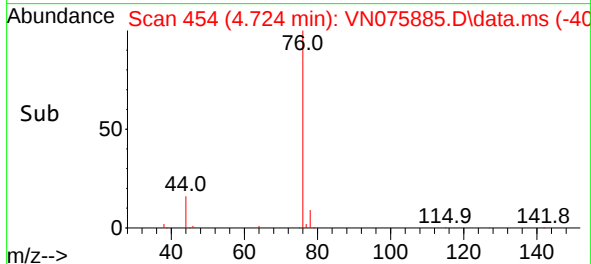
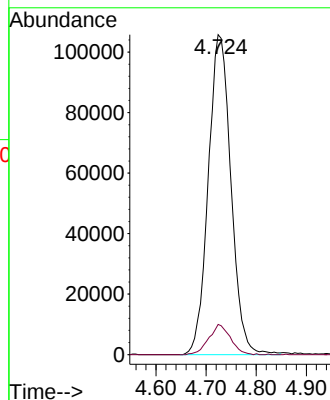
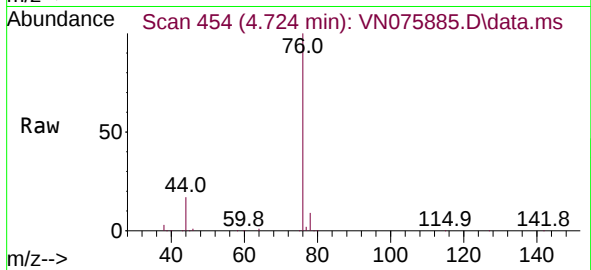
#17
Carbon Disulfide
Concen: 40.830 ug/l
RT: 4.724 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 332939
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2

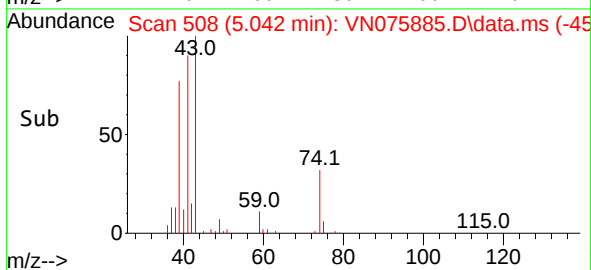
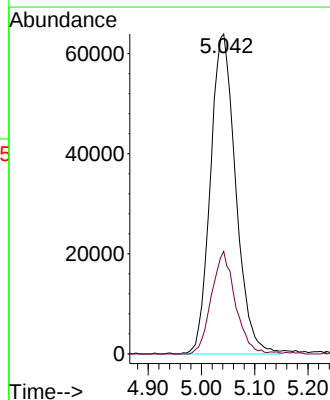
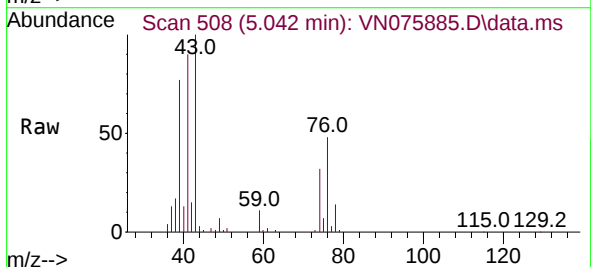
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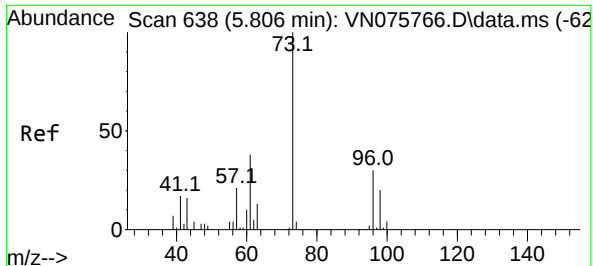
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#18
Methyl Acetate
Concen: 50.102 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

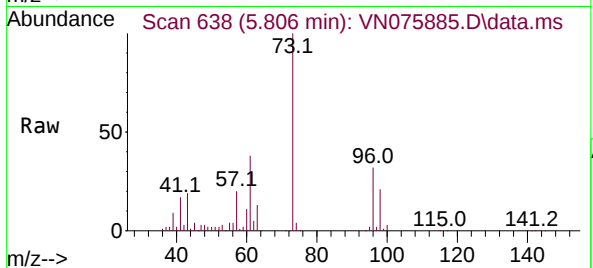
Tgt Ion: 43 Resp: 211050
Ion Ratio Lower Upper
43 100
74 30.1 23.6 35.4





#19
Methyl tert-butyl Ether
Concen: 52.938 ug/l
RT: 5.806 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

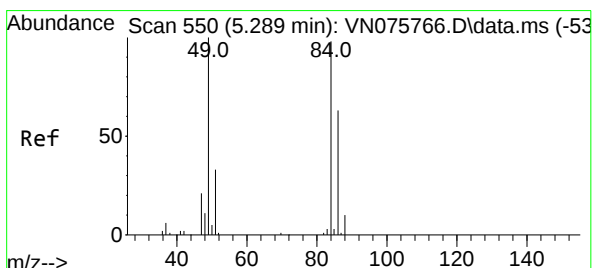
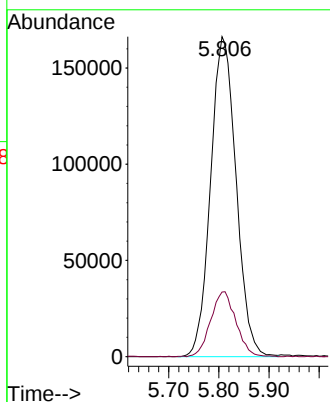
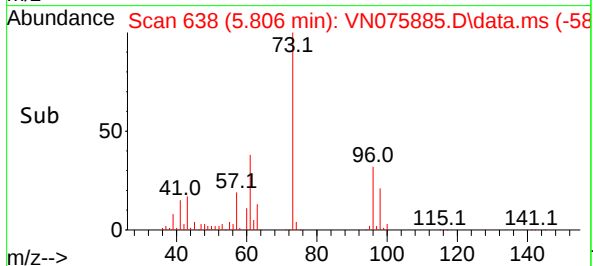
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 58712
Ion Ratio Lower Upper
73 100
57 20.2 17.1 25.7

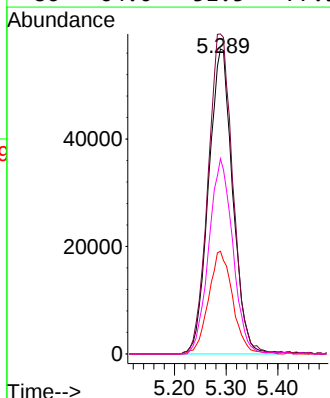
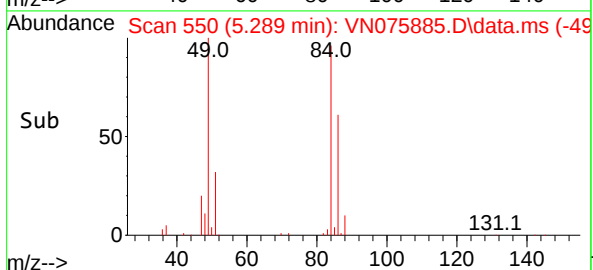
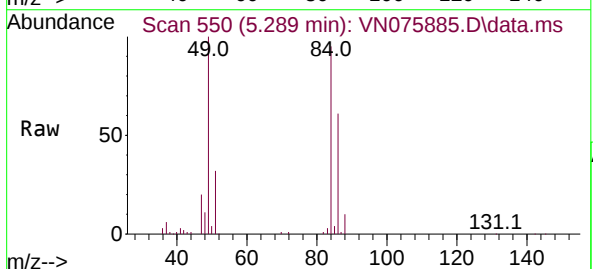
Manual Integrations
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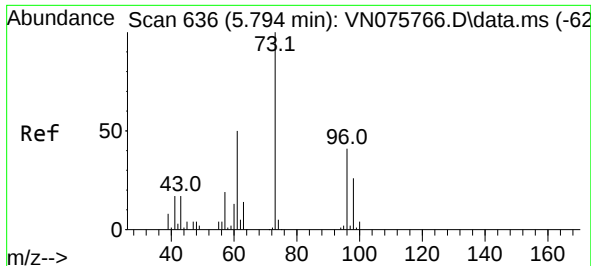
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#20
Methylene Chloride
Concen: 48.447 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

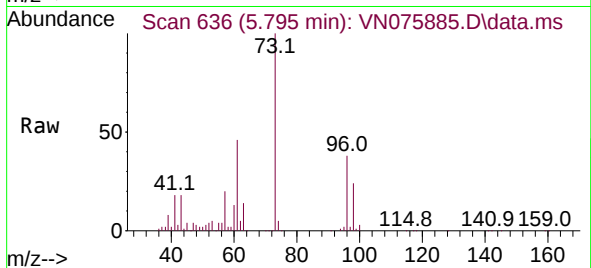
Tgt Ion: 84 Resp: 184765
Ion Ratio Lower Upper
84 100
49 104.9 81.8 122.6
51 33.6 26.7 40.1
86 64.0 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 45.790 ug/l
RT: 5.795 min Scan# 636
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

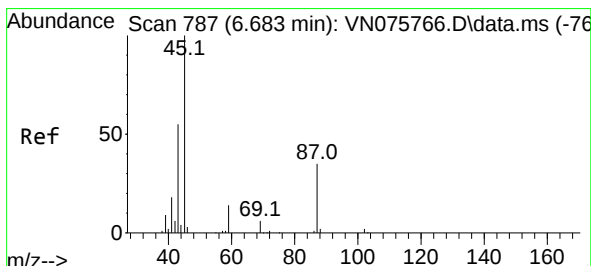
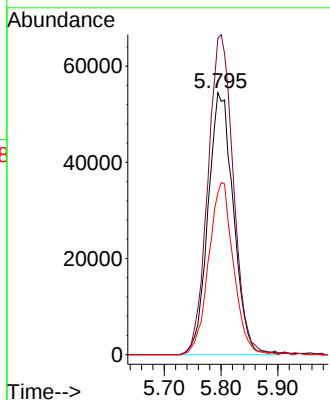
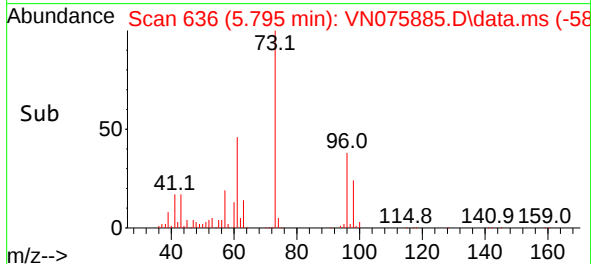
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 168891
Ion Ratio Lower Upper
96 100
61 120.8 98.1 147.1
98 61.9 51.4 77.2

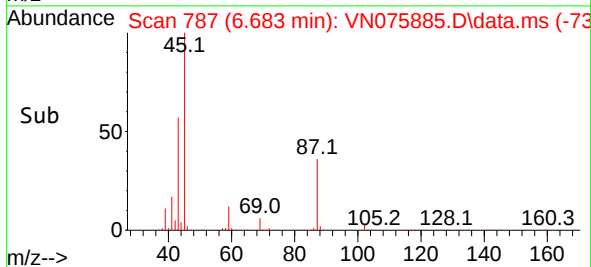
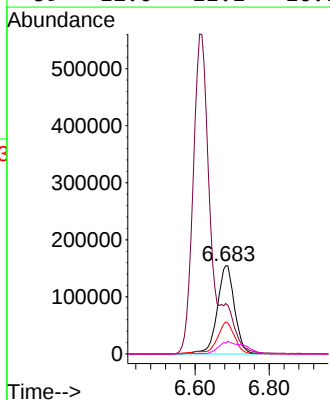
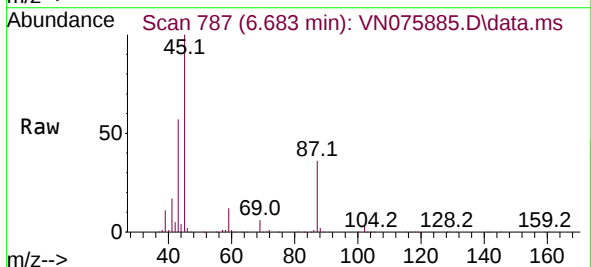
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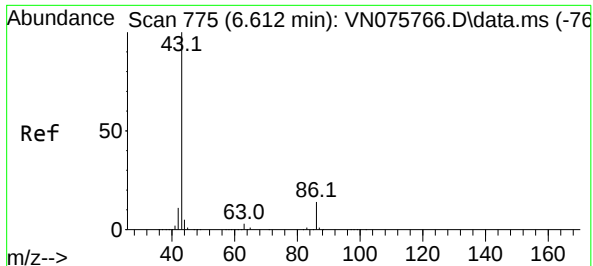
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#22
Diisopropyl ether
Concen: 52.298 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

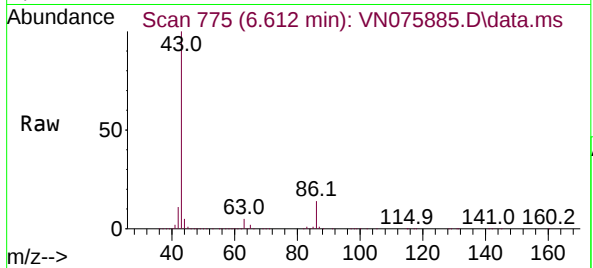
Tgt Ion: 45 Resp: 500180
Ion Ratio Lower Upper
45 100
43 56.3 44.2 66.4
87 36.0 28.3 42.5
59 12.0 11.1 16.7





#23
 Vinyl Acetate
 Concen: 258.262 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075885.D
 Acq: 19 Dec 2022 20:46

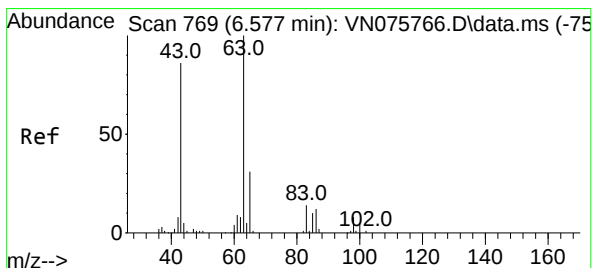
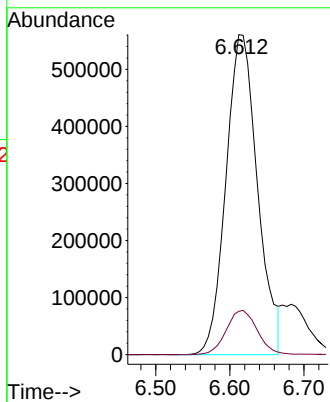
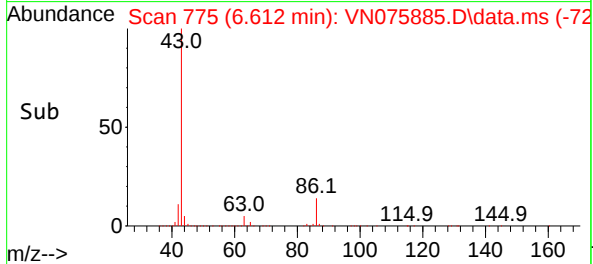
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 1662510
 Ion Ratio Lower Upper
 43 100
 86 13.5 11.4 17.2

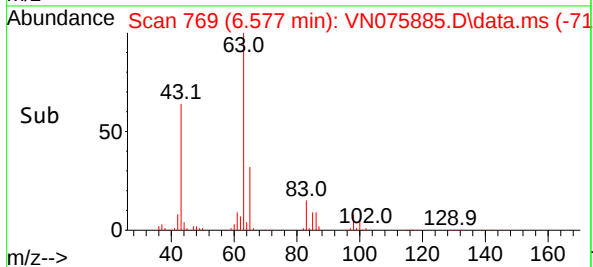
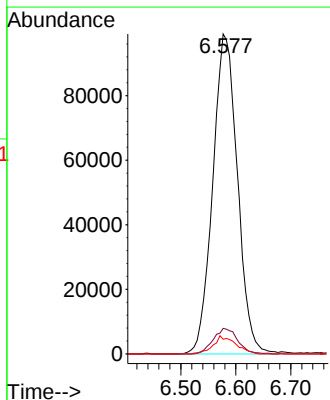
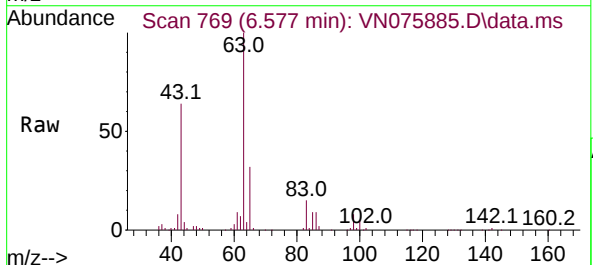
Manual Integrations
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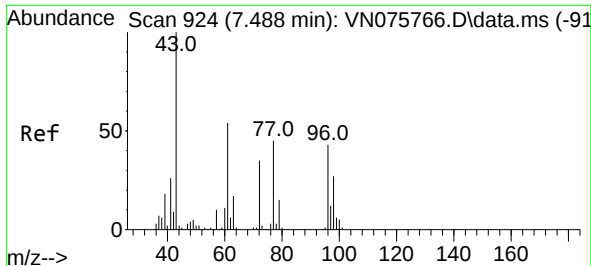
Reviewed By :John Carlone 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022



#24
 1,1-Dichloroethane
 Concen: 48.450 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075885.D
 Acq: 19 Dec 2022 20:46

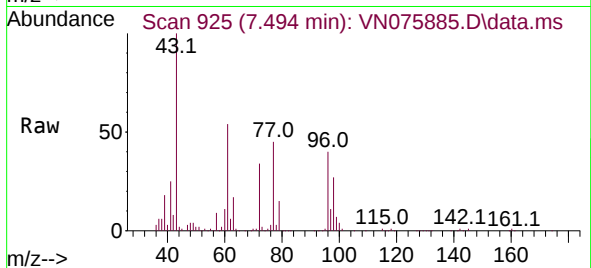
Tgt Ion: 63 Resp: 309037
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.9 11.5
 100 4.6 2.5 7.6





#25
2-Butanone
Concen: 252.306 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

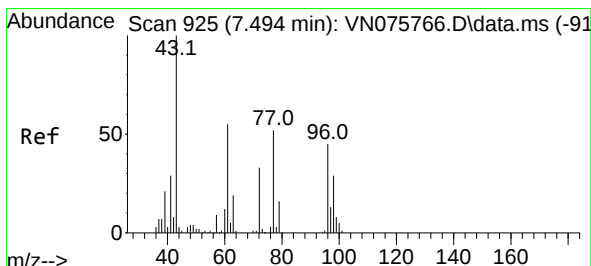
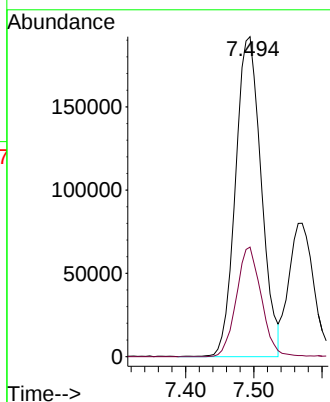
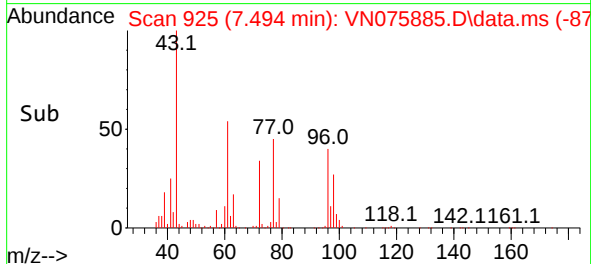
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



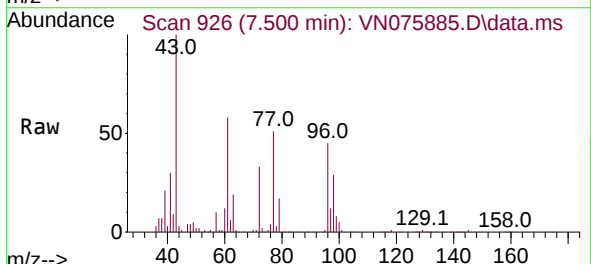
Tgt Ion: 43 Resp: 503442
Ion Ratio Lower Upper
43 100
72 34.2 28.0 42.0

Manual Integrations
APPROVED

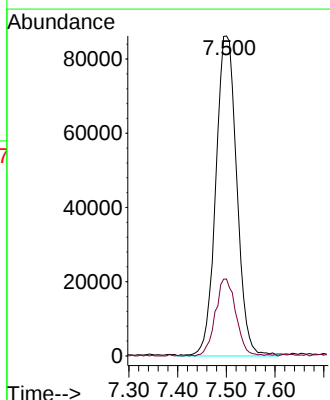
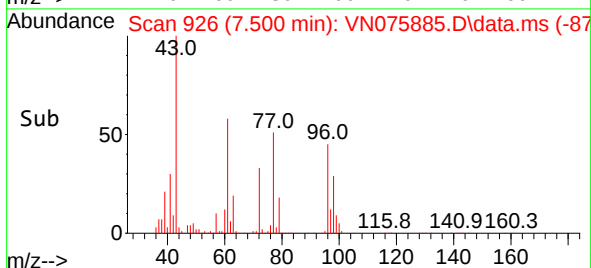
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

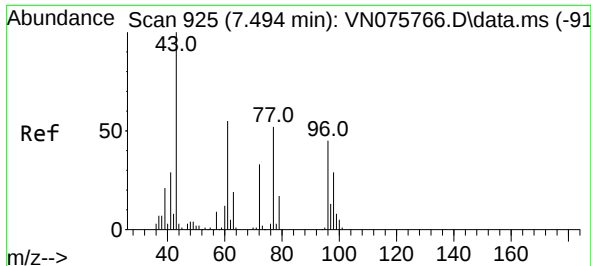


#26
2,2-Dichloropropane
Concen: 47.726 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46



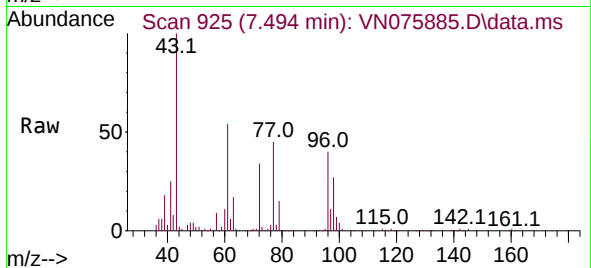
Tgt Ion: 77 Resp: 257794
Ion Ratio Lower Upper
77 100
97 23.6 12.7 38.0





#27
 cis-1,2-Dichloroethene
 Concen: 47.843 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075885.D
 Acq: 19 Dec 2022 20:46

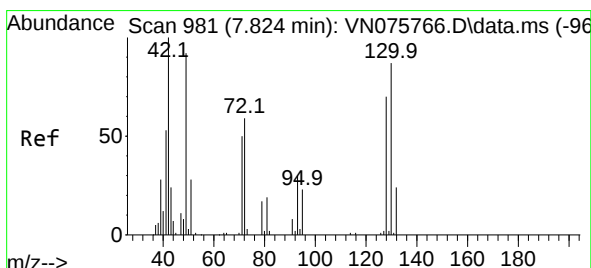
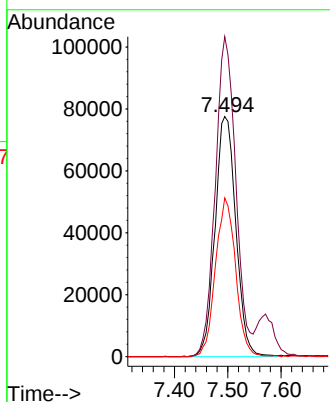
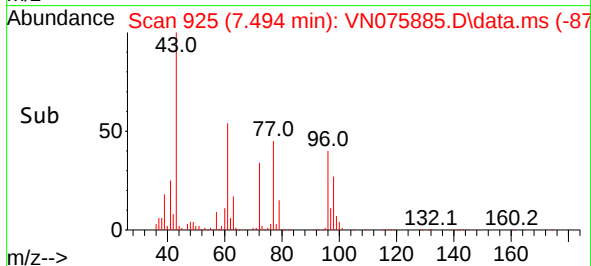
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 211046
 Ion Ratio Lower Upper
 96 100
 61 131.3 0.0 247.8
 98 63.9 0.0 128.4

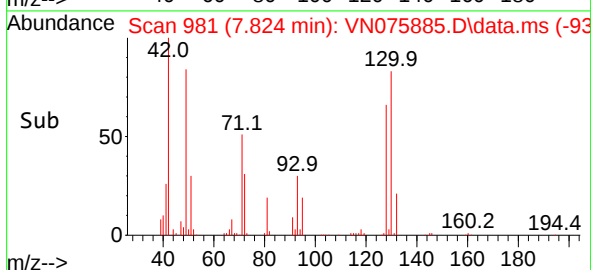
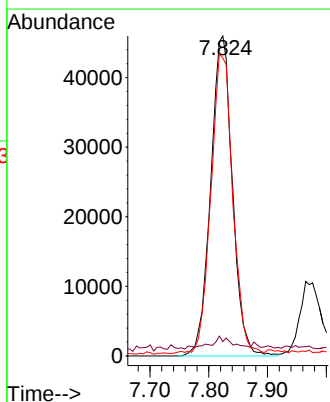
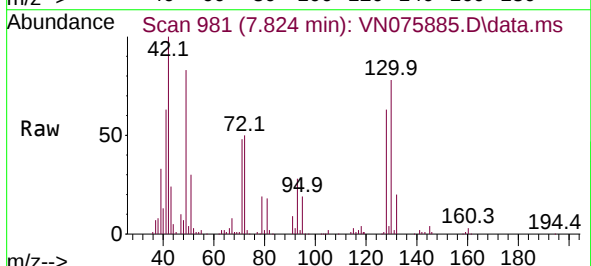
Manual Integrations
 APPROVED

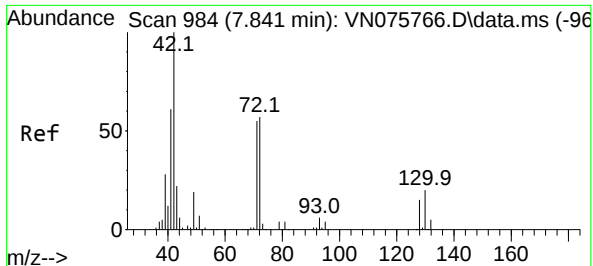
Reviewed By :John Carlone 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022



#28
 Bromochloromethane
 Concen: 42.295 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.000 min
 Lab File: VN075885.D
 Acq: 19 Dec 2022 20:46

Tgt Ion: 49 Resp: 118242
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.0
 130 92.7 77.0 115.4





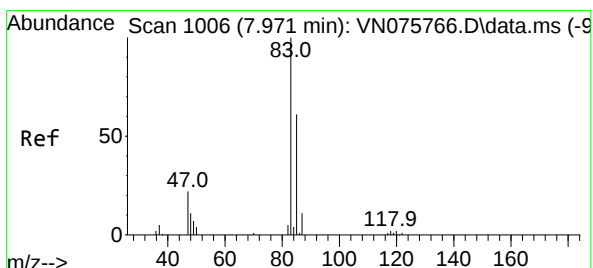
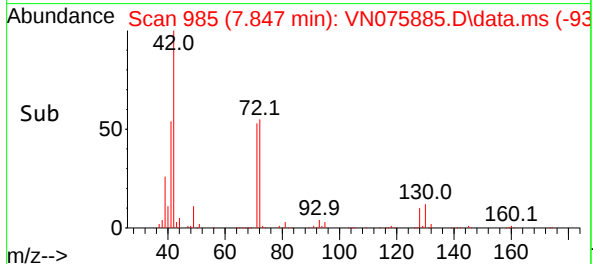
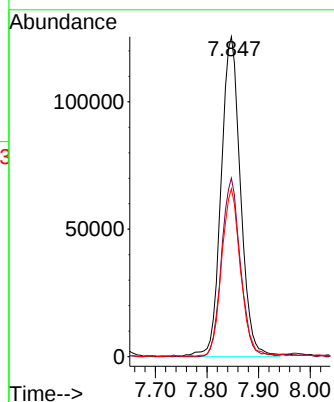
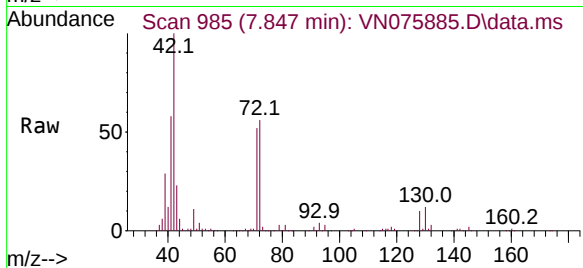
#29
Tetrahydrofuran
Concen: 264.078 ug/l
RT: 7.847 min Scan# 984
Delta R.T. 0.006 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 330214
Ion Ratio Lower Upper
42 100
72 54.0 44.5 66.7
71 51.0 41.0 61.6

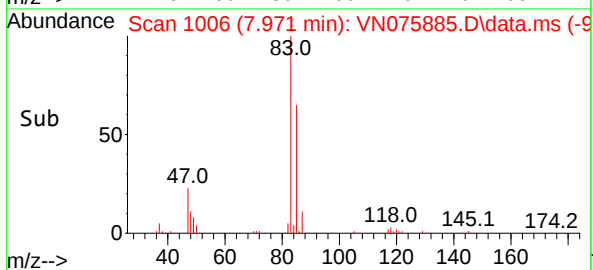
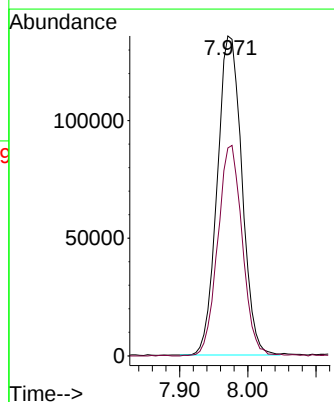
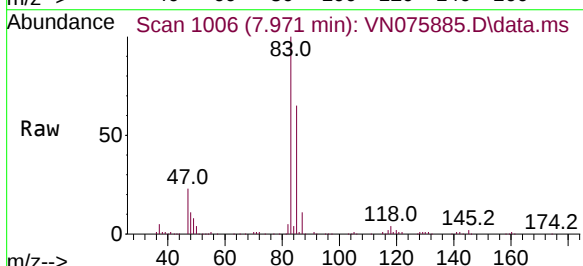
Manual Integrations
APPROVED

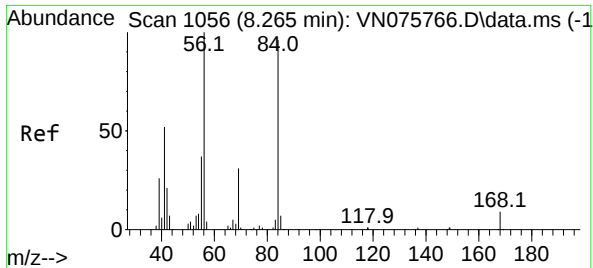
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#30
Chloroform
Concen: 47.297 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

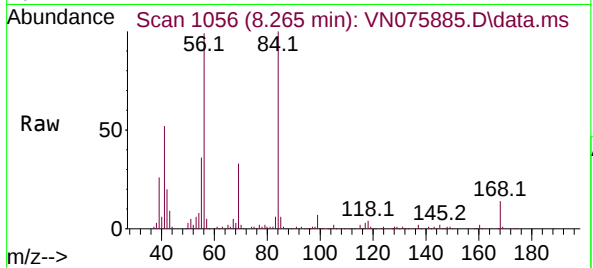
Tgt Ion: 83 Resp: 339666
Ion Ratio Lower Upper
83 100
85 65.2 49.1 73.7





#31
Cyclohexane
Concen: 43.817 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

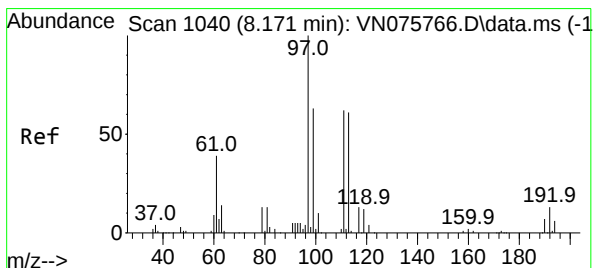
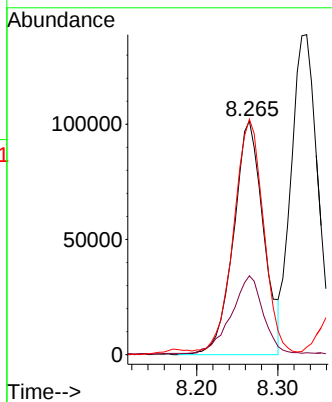
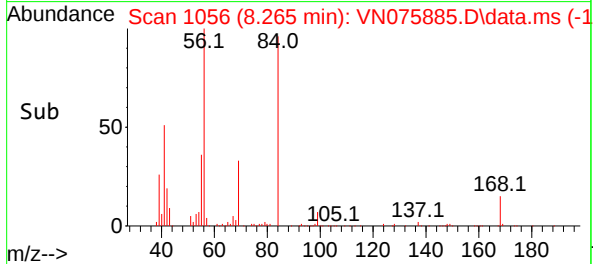
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



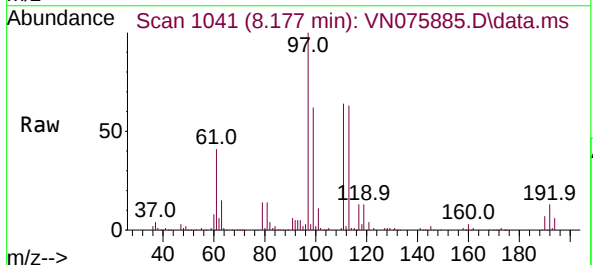
Tgt Ion: 56 Resp: 25942
Ion Ratio Lower Upper
56 100
69 33.2 24.7 37.1
84 98.6 76.5 114.7

Manual Integrations
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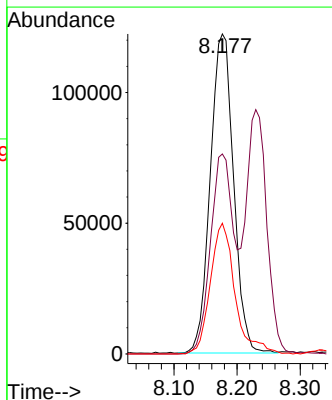
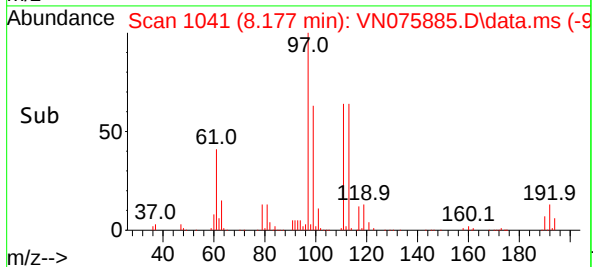
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

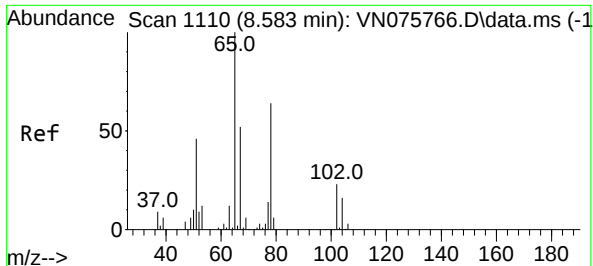


#32
1,1,1-Trichloroethane
Concen: 49.099 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46



Tgt Ion: 97 Resp: 312603
Ion Ratio Lower Upper
97 100
99 61.0 50.2 75.2
61 43.4 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 52.431 ug/l

RT: 8.588 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VN075885.D

Acq: 19 Dec 2022 20:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 216750

Ion Ratio Lower Upper

65 100

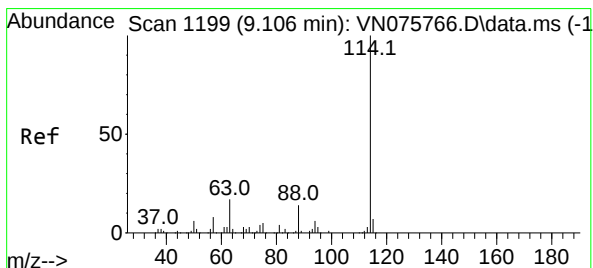
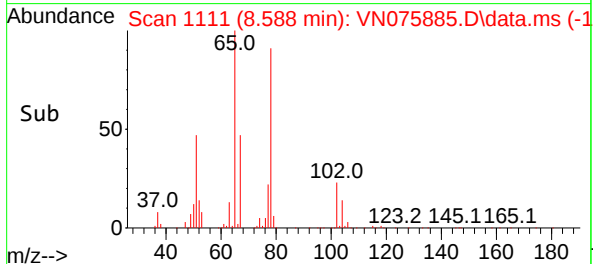
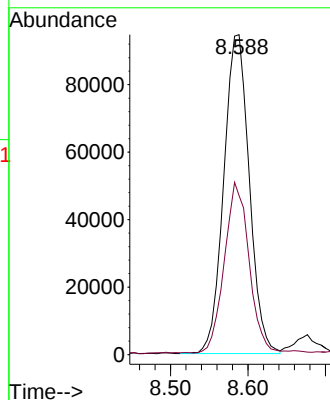
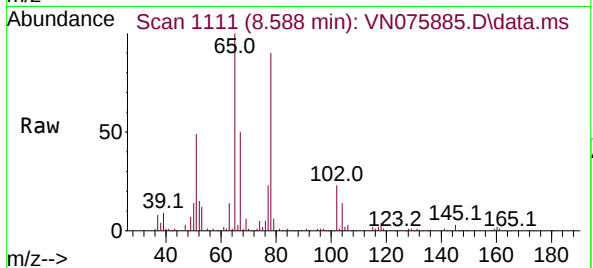
67 51.9 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075885.D

Acq: 19 Dec 2022 20:46

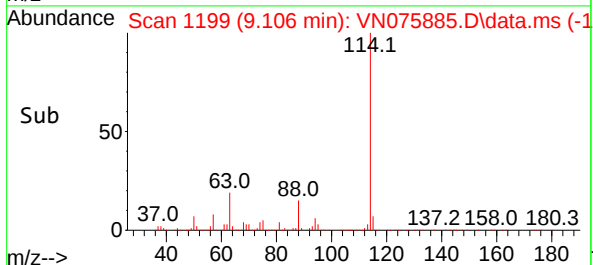
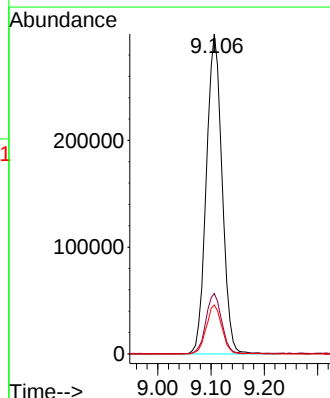
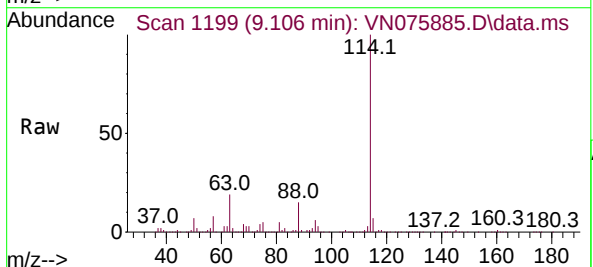
Tgt Ion:114 Resp: 612881

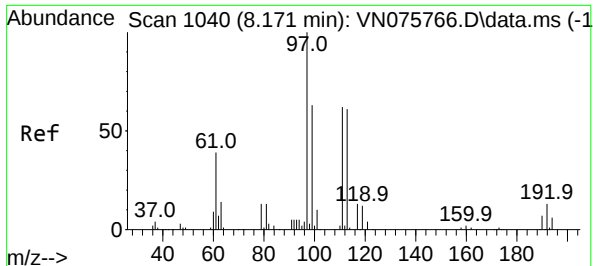
Ion Ratio Lower Upper

114 100

63 18.8 0.0 34.4

88 15.3 0.0 28.8





#35

Dibromofluoromethane

Concen: 50.357 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075885.D

Acq: 19 Dec 2022 20:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 191130

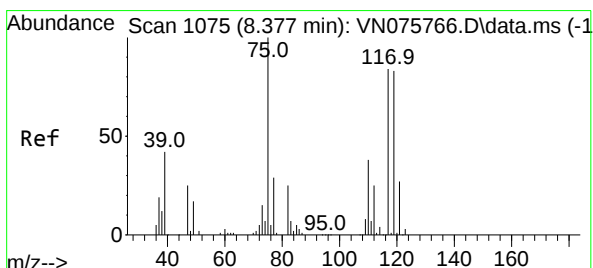
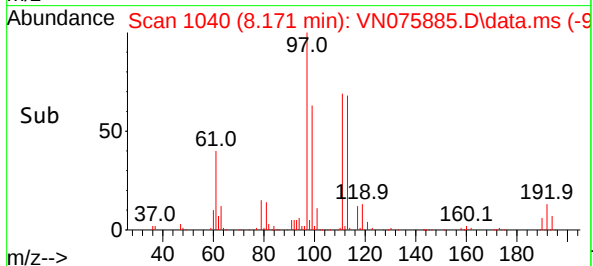
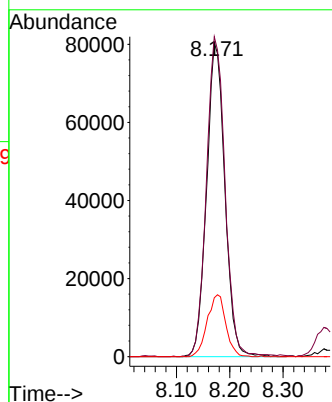
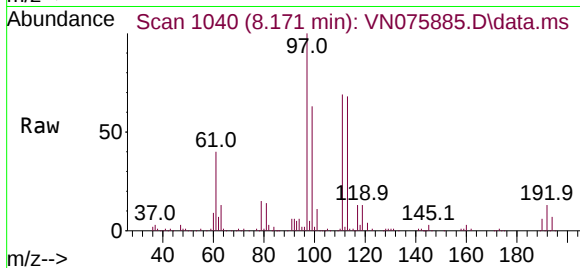
Ion	Ratio	Lower	Upper
113	100		
111	104.6	83.4	125.2
192	20.0	16.1	24.1

Manual Integrations

APPROVED

Reviewed By : John Carlone 12/20/2022

Supervised By : Mahesh Dadoda 12/20/2022



#36

1,1-Dichloropropene

Concen: 46.843 ug/l

RT: 8.377 min Scan# 1075

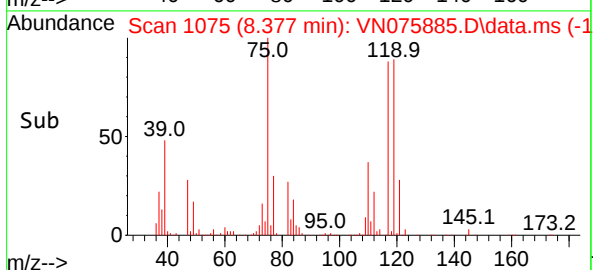
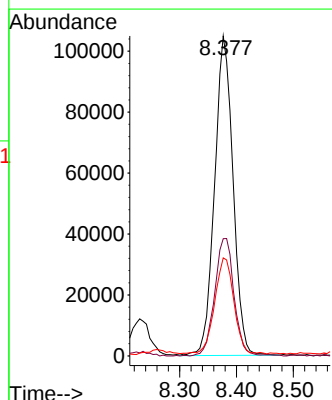
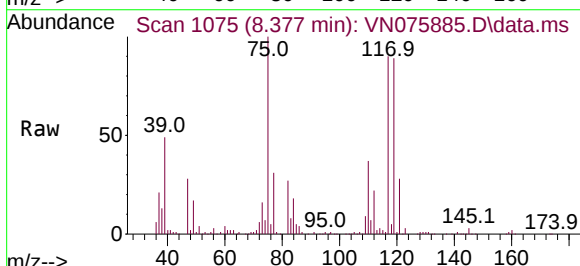
Delta R.T. 0.000 min

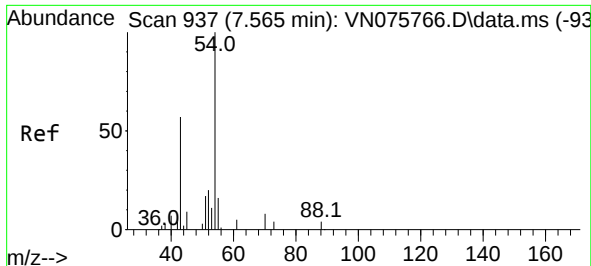
Lab File: VN075885.D

Acq: 19 Dec 2022 20:46

Tgt Ion: 75 Resp: 236178

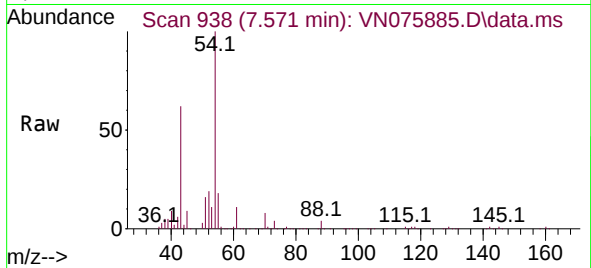
Ion	Ratio	Lower	Upper
75	100		
110	38.7	18.8	56.4
77	31.5	24.1	36.1





#37
Ethyl Acetate
Concen: 51.426 ug/l
RT: 7.571 min Scan# 937
Delta R.T. 0.006 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

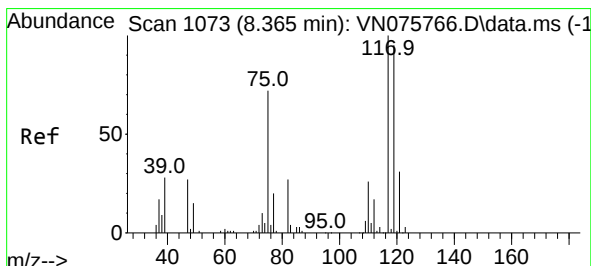
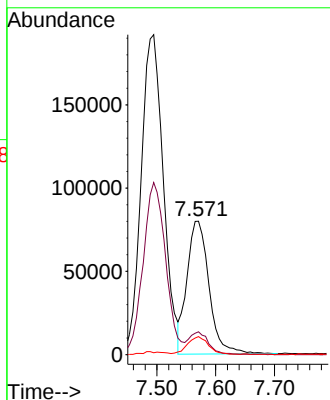
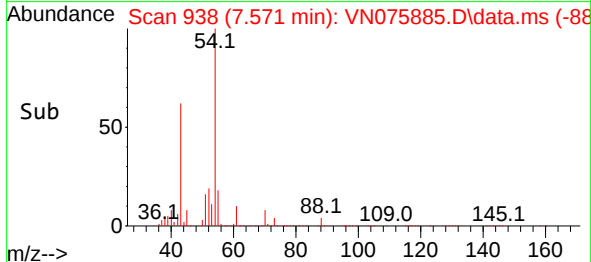
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 208269
Ion Ratio Lower Upper
43 100
61 14.5 13.0 19.4
70 12.3 9.4 14.0

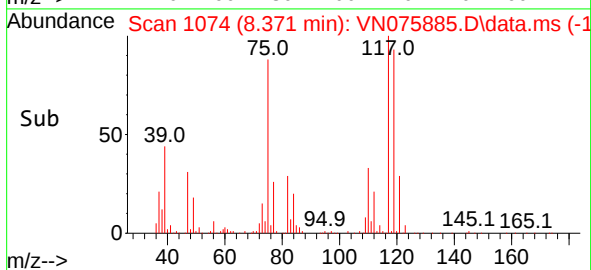
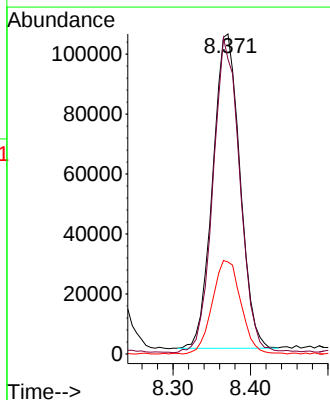
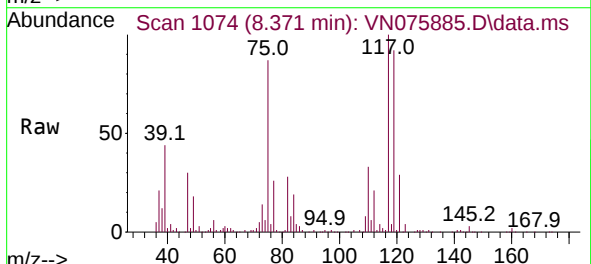
Manual Integrations
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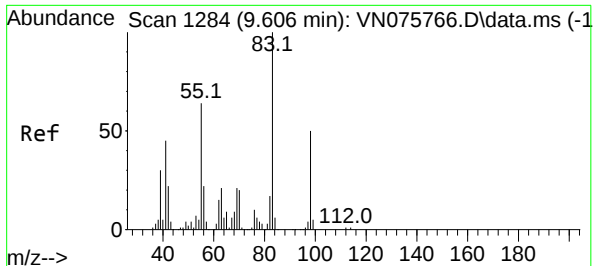
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#38
Carbon Tetrachloride
Concen: 45.326 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

Tgt Ion:117 Resp: 255777
Ion Ratio Lower Upper
117 100
119 93.2 76.1 114.1
121 29.1 24.5 36.7





#39

Methylcyclohexane

Concen: 49.938 ug/l

RT: 9.606 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075885.D

Acq: 19 Dec 2022 20:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 303760

Ion Ratio Lower Upper

83 100

55 64.6 51.4 77.0

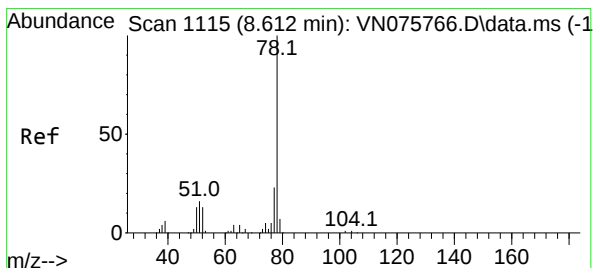
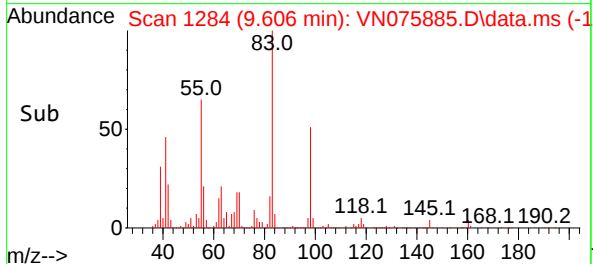
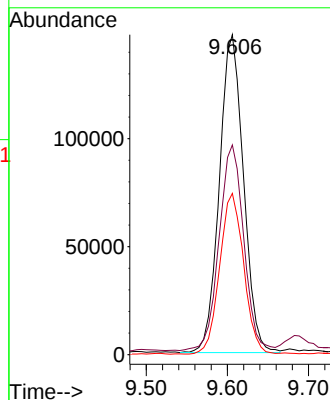
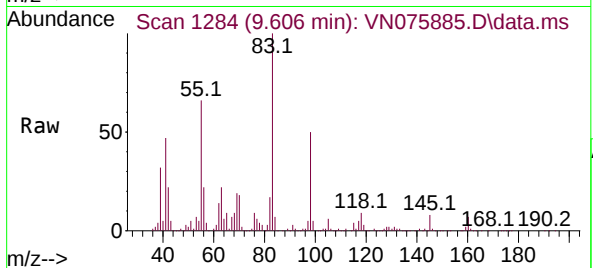
98 50.4 39.8 59.8

Manual Integrations

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Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#40

Benzene

Concen: 47.300 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075885.D

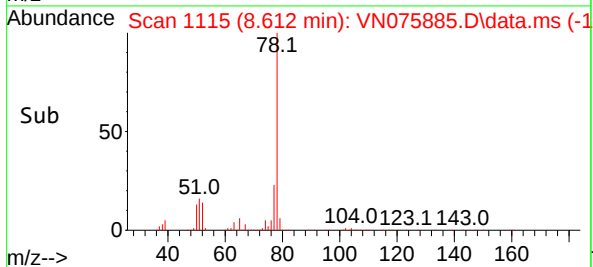
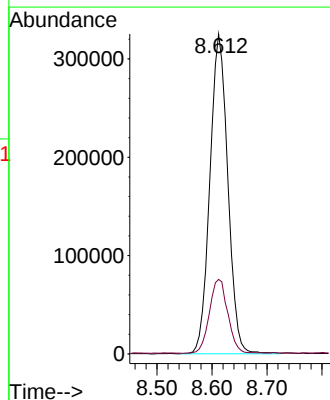
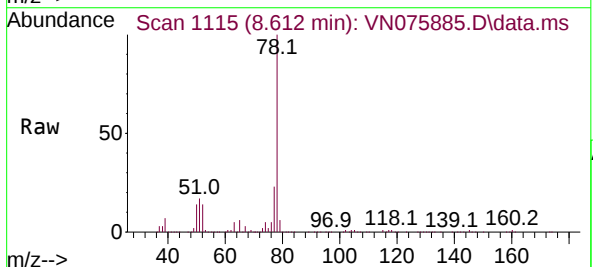
Acq: 19 Dec 2022 20:46

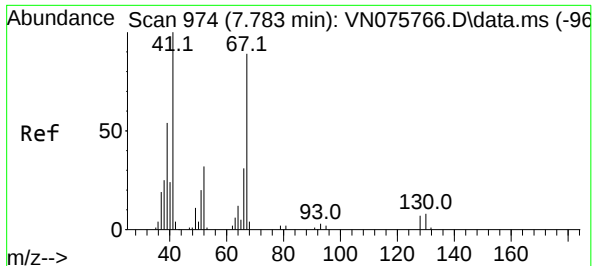
Tgt Ion: 78 Resp: 735809

Ion Ratio Lower Upper

78 100

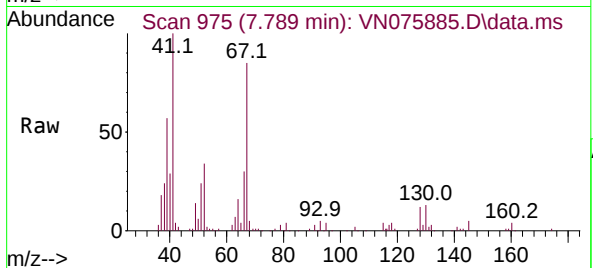
77 23.1 18.5 27.7





#41
Methacrylonitrile
Concen: 52.189 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

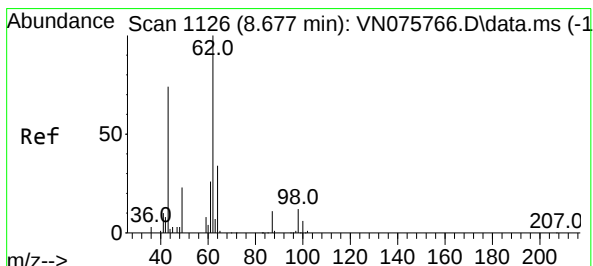
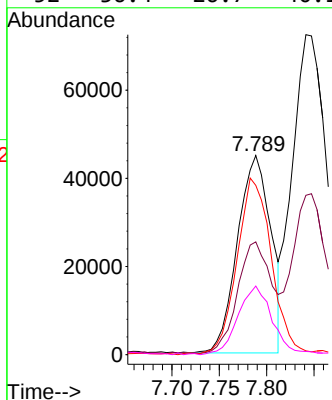
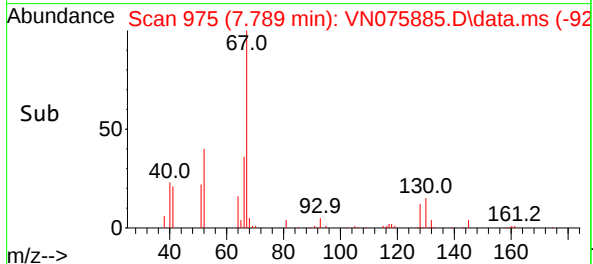
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



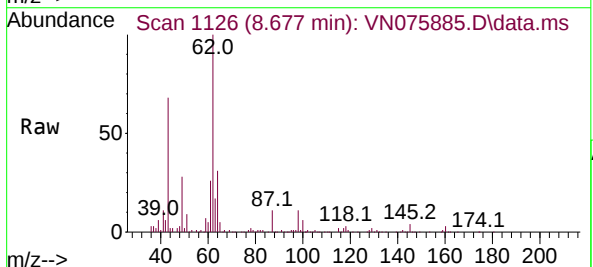
Tgt Ion: 41 Resp: 109863
Ion Ratio Lower Upper
41 100
39 56.9 43.1 64.7
67 92.5 70.7 106.1
52 36.4 26.7 40.1

Manual Integrations
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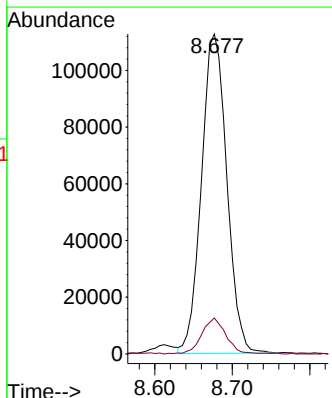
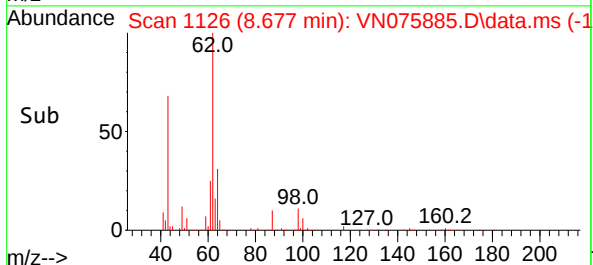
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

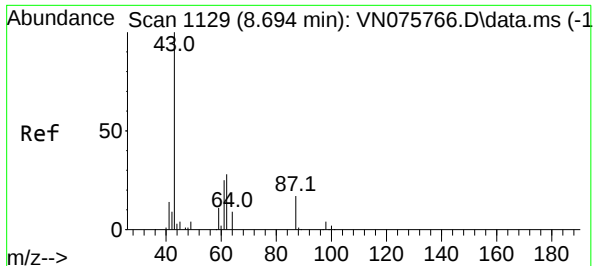


#42
1,2-Dichloroethane
Concen: 49.605 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46



Tgt Ion: 62 Resp: 256542
Ion Ratio Lower Upper
62 100
98 10.8 0.0 20.8





#43

Isopropyl Acetate

Concen: 53.814 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN075885.D

Acq: 19 Dec 2022 20:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 359512

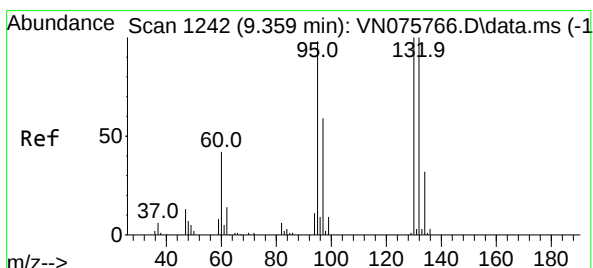
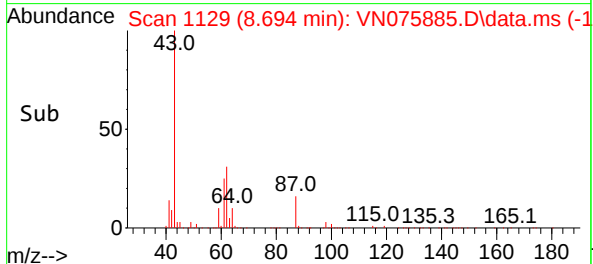
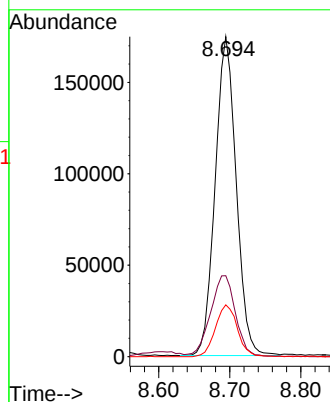
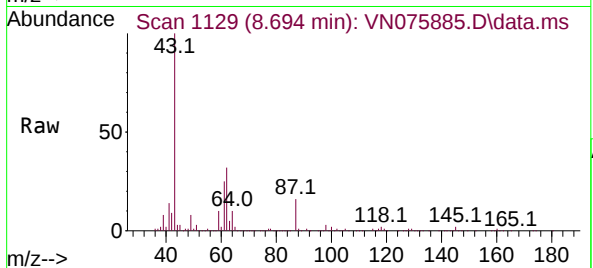
Ion	Ratio	Lower	Upper
43	100		
61	30.0	24.2	36.4
87	17.0	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#44

Trichloroethene

Concen: 46.268 ug/l

RT: 9.359 min Scan# 1242

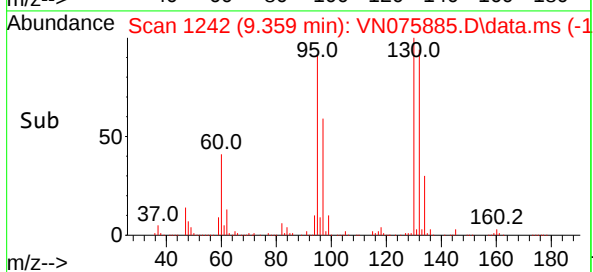
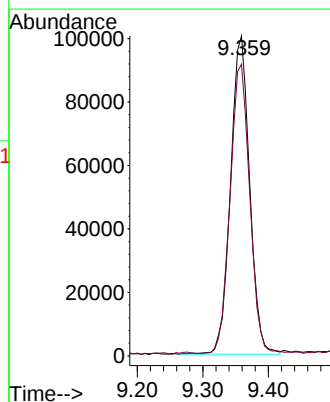
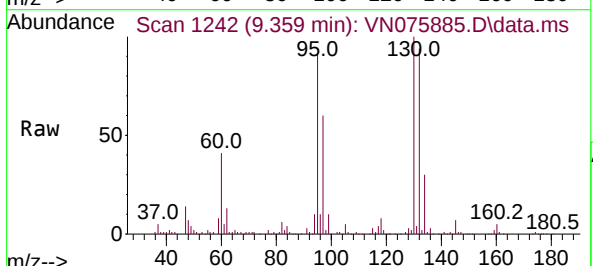
Delta R.T. 0.000 min

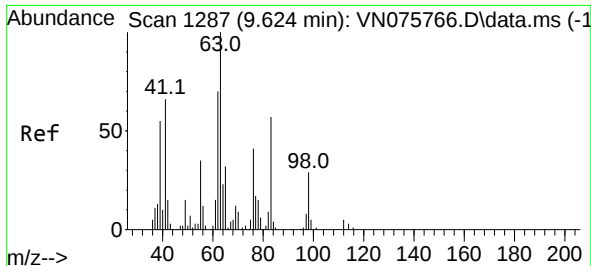
Lab File: VN075885.D

Acq: 19 Dec 2022 20:46

Tgt Ion:130 Resp: 202765

Ion	Ratio	Lower	Upper
130	100		
95	90.8	0.0	195.4





#45

1,2-Dichloropropane

Concen: 48.460 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075885.D

Acq: 19 Dec 2022 20:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 18344

Ion Ratio Lower Upper

63 100

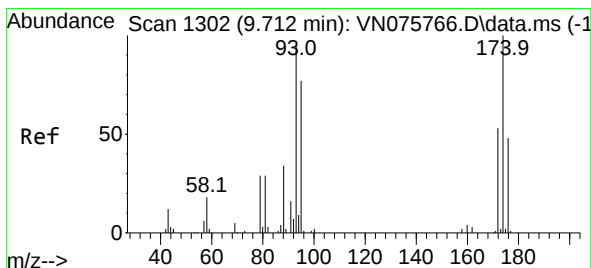
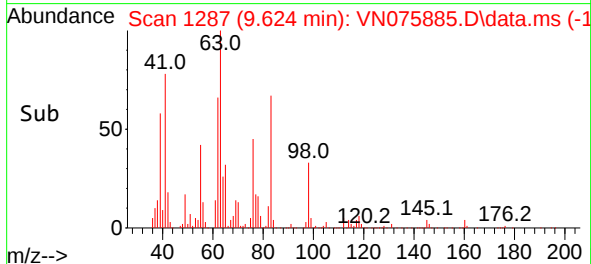
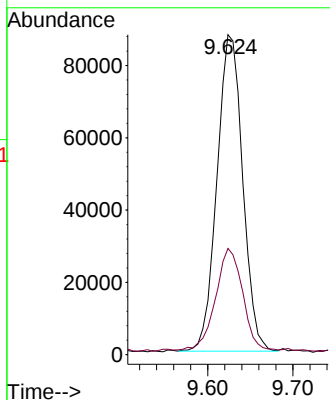
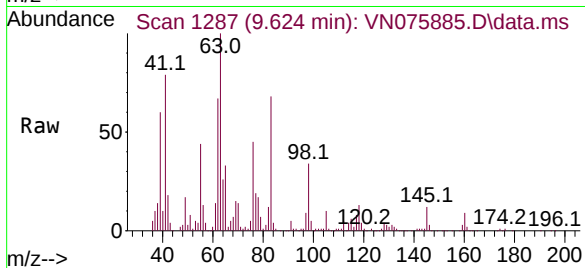
65 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#46

Dibromomethane

Concen: 48.632 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075885.D

Acq: 19 Dec 2022 20:46

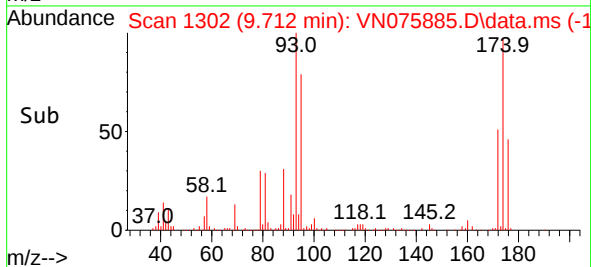
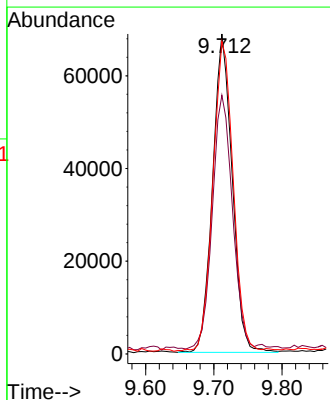
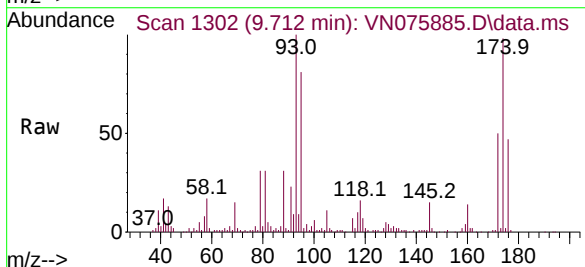
Tgt Ion: 93 Resp: 136544

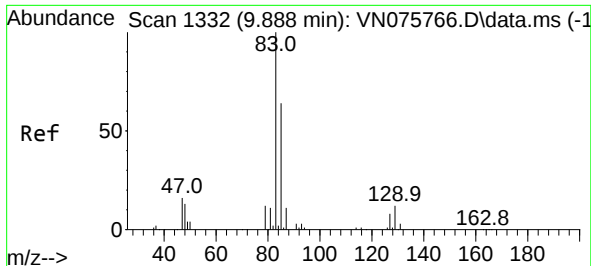
Ion Ratio Lower Upper

93 100

95 82.1 65.2 97.8

174 99.9 82.4 123.6





#47
Bromodichloromethane
Concen: 49.050 ug/l
RT: 9.894 min Scan# 1332
Delta R.T. 0.006 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

Instrument :

MSVOA_N

ClientSampleId :

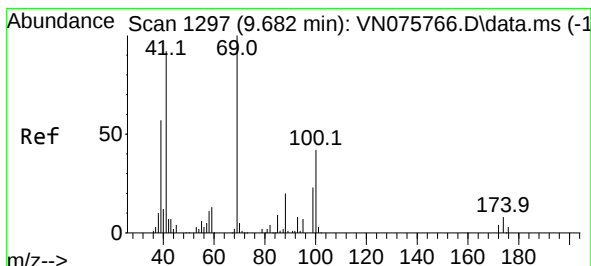
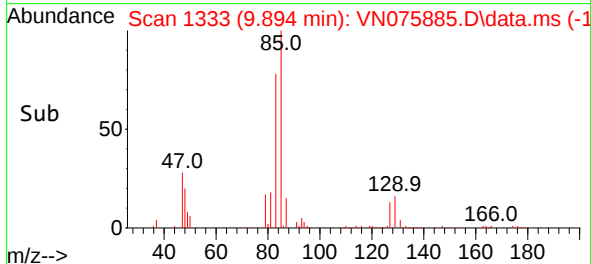
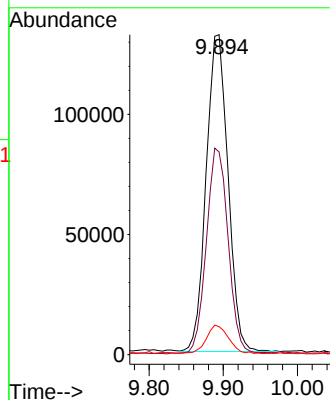
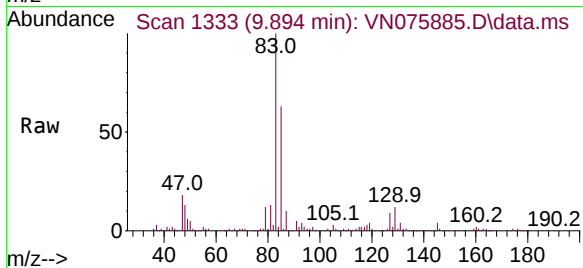
VSTDCCC050EC

Tgt Ion: 83 Resp: 27007
Ion Ratio Lower Upper
83 100
85 63.4 51.5 77.3
127 8.5 6.6 10.0

Manual Integrations

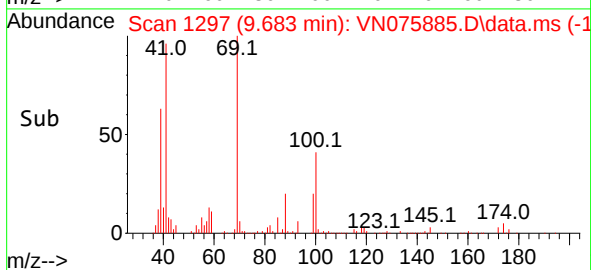
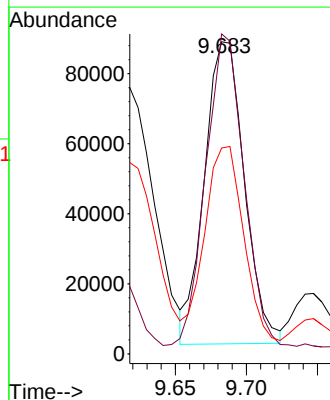
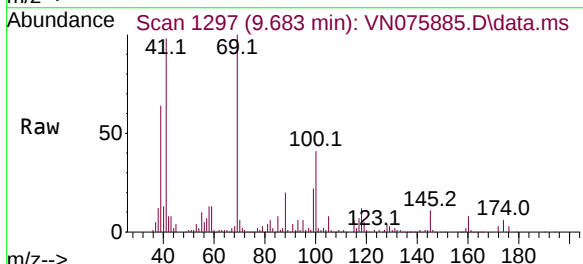
APPROVED

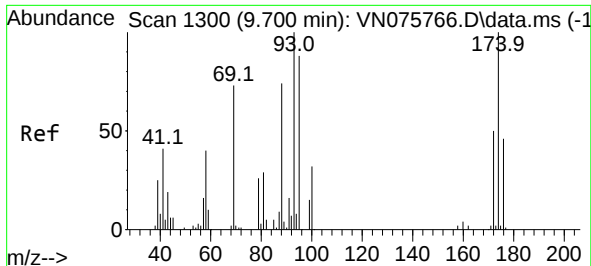
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#48
Methyl methacrylate
Concen: 56.069 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

Tgt Ion: 41 Resp: 168707
Ion Ratio Lower Upper
41 100
69 99.6 81.9 122.9
39 67.6 51.6 77.4





#49

1,4-Dioxane

Concen: 946.376 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075885.D

Acq: 19 Dec 2022 20:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

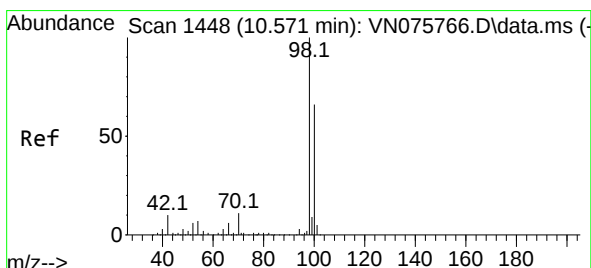
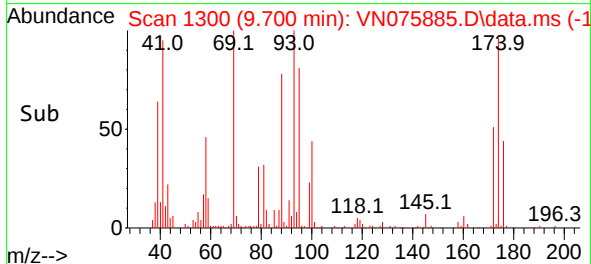
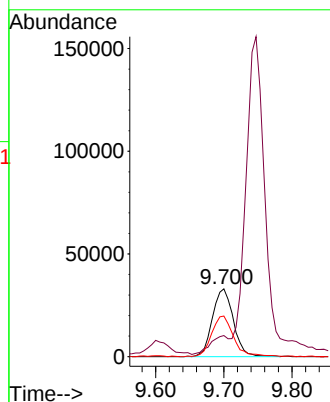
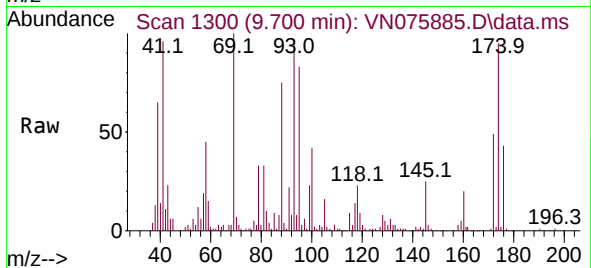
Tgt Ion: 88 Resp: 70005
 Ion Ratio Lower Upper
 88 100
 43 0.0 17.1 25.7
 58 63.0 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#50

Toluene-d8

Concen: 51.513 ug/l

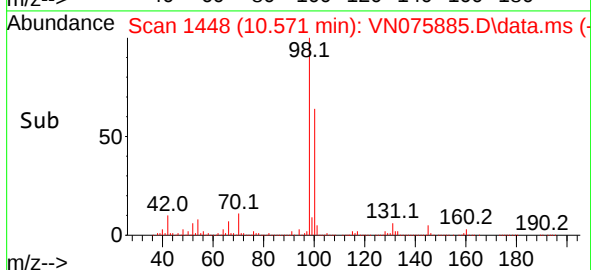
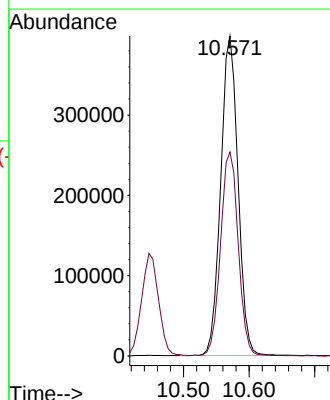
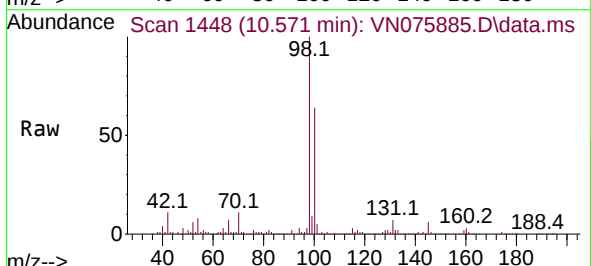
RT: 10.571 min Scan# 1448

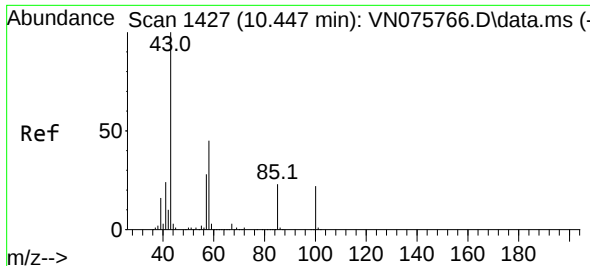
Delta R.T. 0.000 min

Lab File: VN075885.D

Acq: 19 Dec 2022 20:46

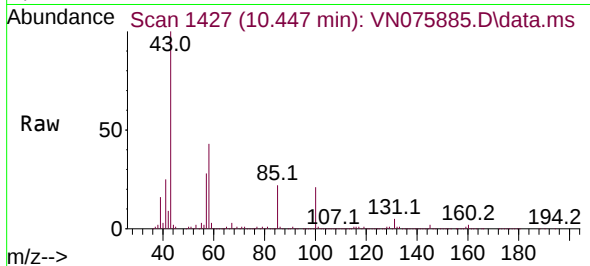
Tgt Ion: 98 Resp: 731021
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 273.722 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

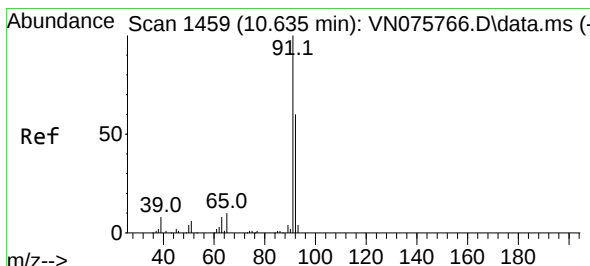
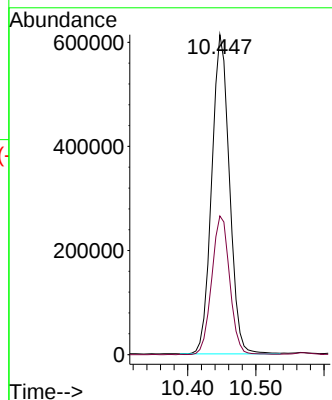
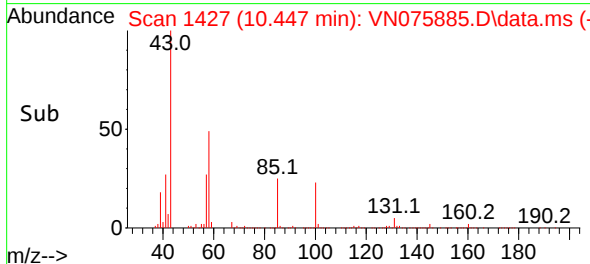
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



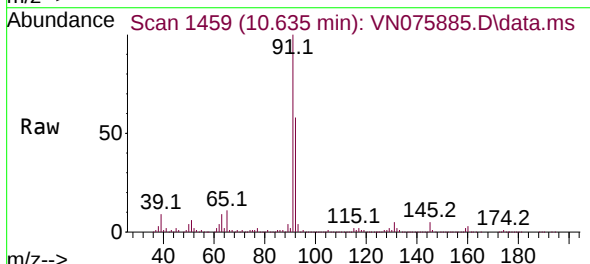
Tgt Ion: 43 Resp: 1105878
Ion Ratio Lower Upper
43 100
58 44.0 35.5 53.3

Manual Integrations
APPROVED

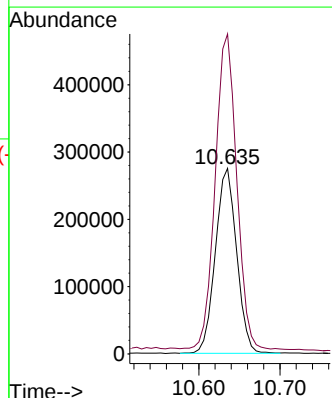
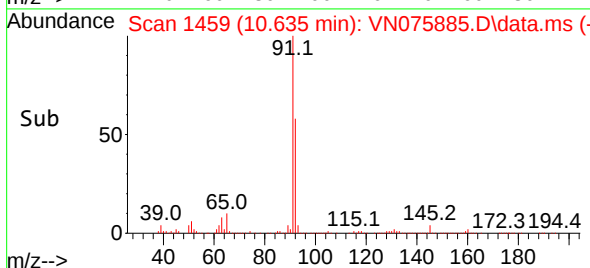
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

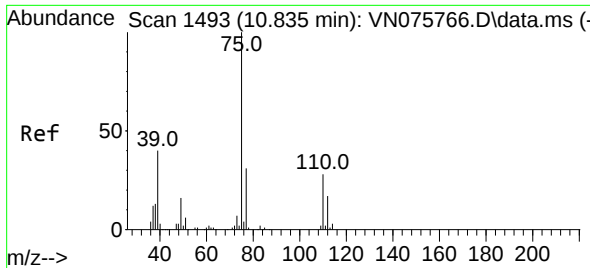


#52
Toluene
Concen: 49.308 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46



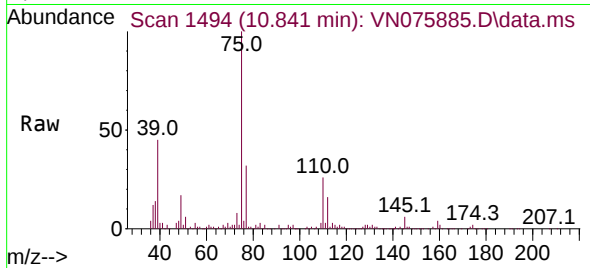
Tgt Ion: 92 Resp: 499557
Ion Ratio Lower Upper
92 100
91 180.5 137.3 205.9





#53
 t-1,3-Dichloropropene
 Concen: 53.179 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN075885.D
 Acq: 19 Dec 2022 20:46

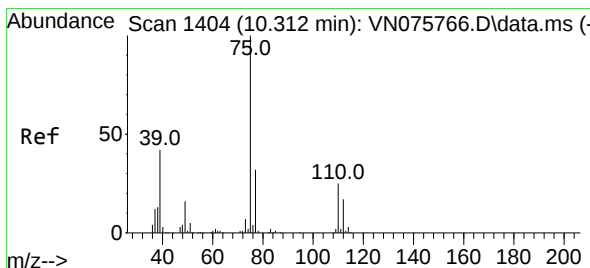
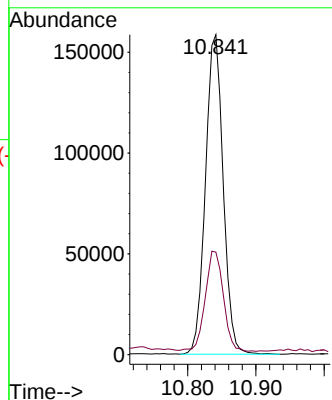
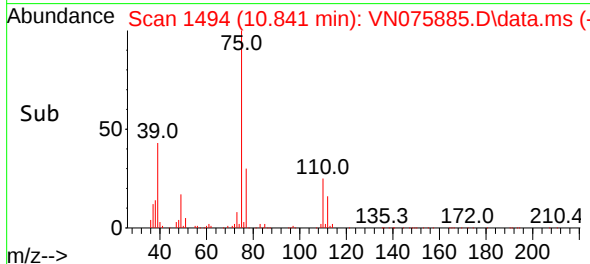
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



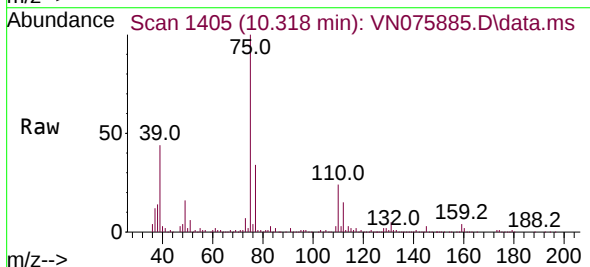
Tgt Ion: 75 Resp: 286625
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.9 37.3

Manual Integrations
 APPROVED

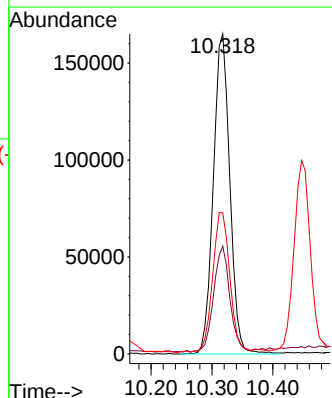
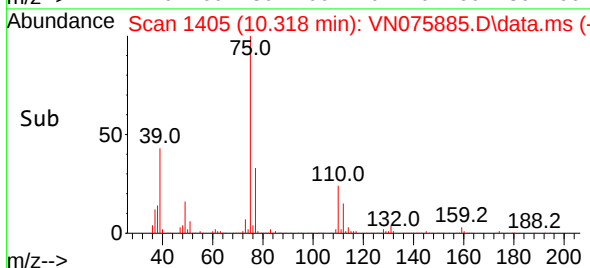
Reviewed By :John Carlone 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022

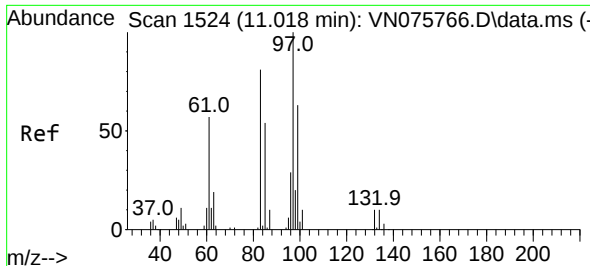


#54
 cis-1,3-Dichloropropene
 Concen: 52.506 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075885.D
 Acq: 19 Dec 2022 20:46



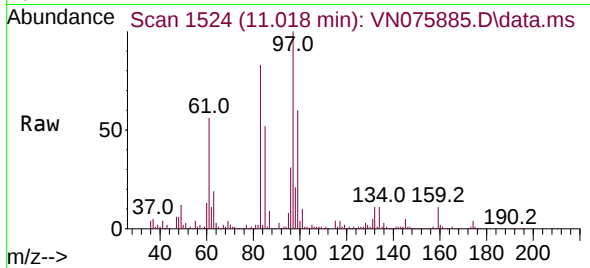
Tgt Ion: 75 Resp: 310712
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.8 38.8
 39 43.5 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 51.627 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

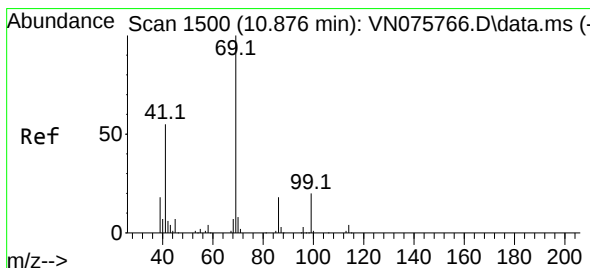
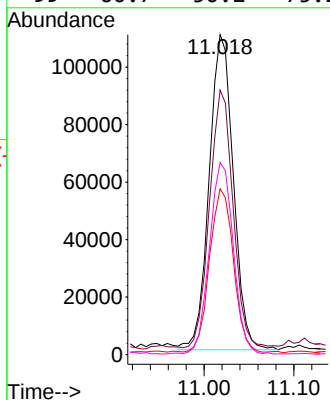
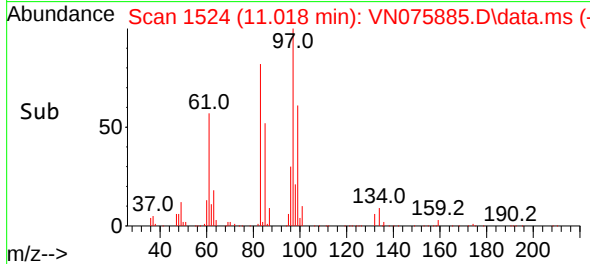
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 205299
Ion Ratio Lower Upper
97 100
83 81.5 65.0 97.4
85 51.7 43.0 64.6
99 60.7 50.2 75.2

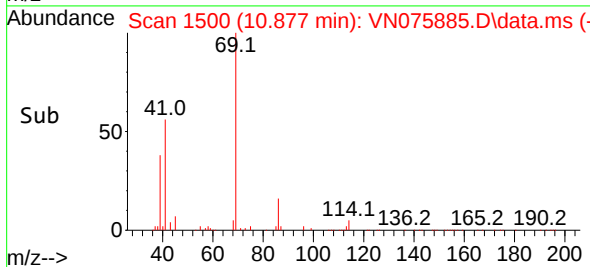
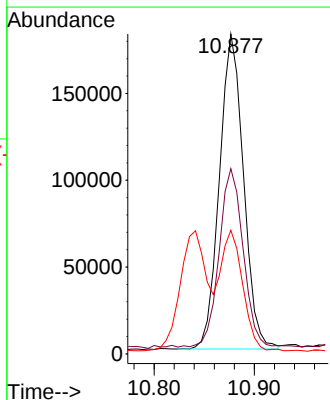
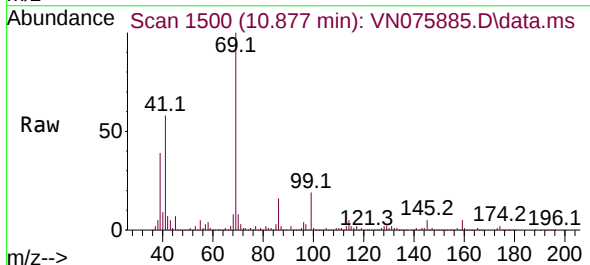
Manual Integrations
APPROVED

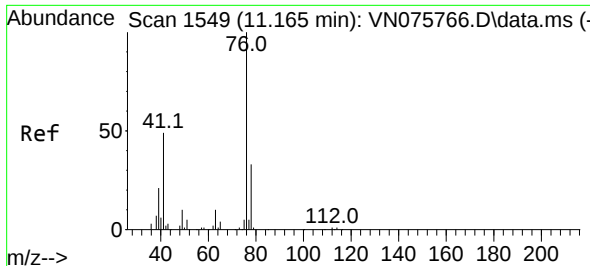
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#56
Ethyl methacrylate
Concen: 57.402 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

Tgt Ion: 69 Resp: 303197
Ion Ratio Lower Upper
69 100
41 56.2 44.2 66.4
39 35.0 26.4 39.6





#57

1,3-Dichloropropane

Concen: 50.333 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075885.D

Acq: 19 Dec 2022 20:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 328313

Ion Ratio Lower Upper

76 100

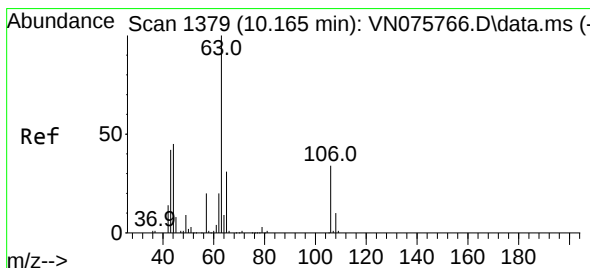
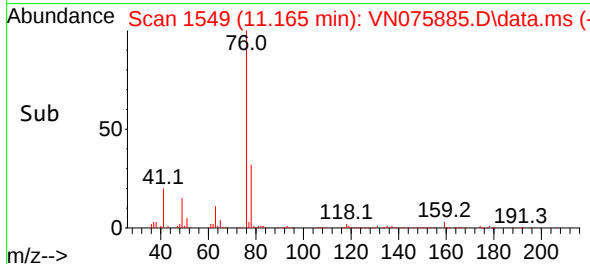
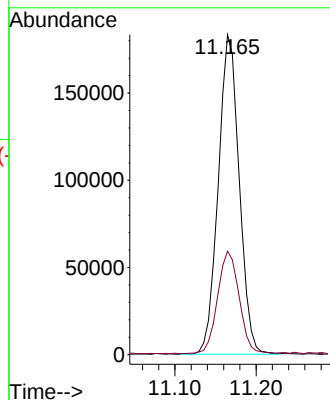
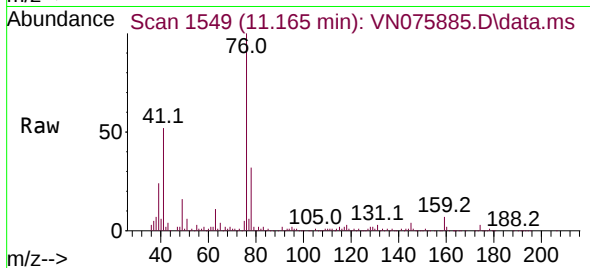
78 32.8 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#58

2-Chloroethyl Vinyl ether

Concen: 318.301 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN075885.D

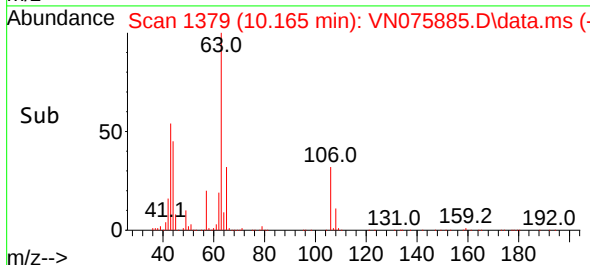
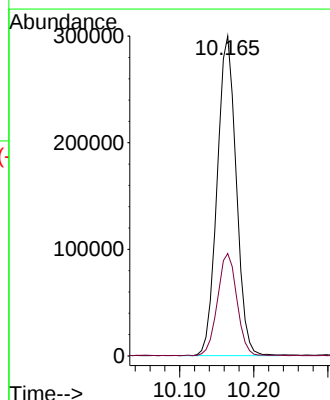
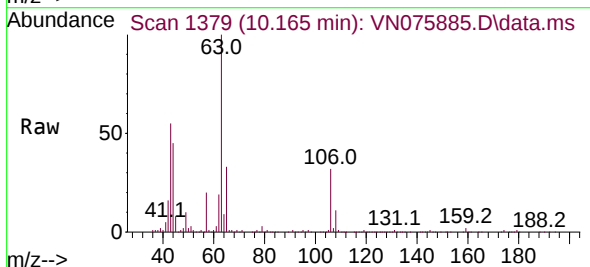
Acq: 19 Dec 2022 20:46

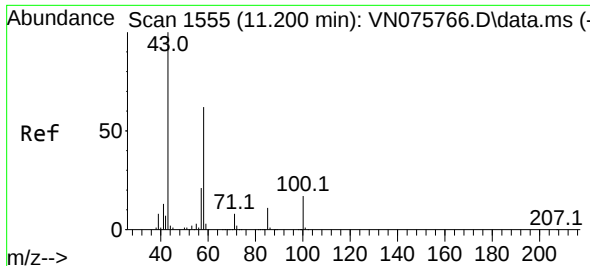
Tgt Ion: 63 Resp: 535282

Ion Ratio Lower Upper

63 100

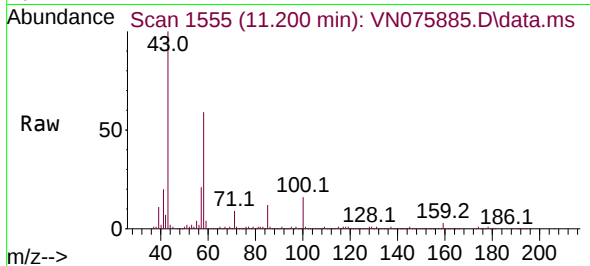
106 32.5 26.4 39.6





#59
2-Hexanone
Concen: 278.211 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

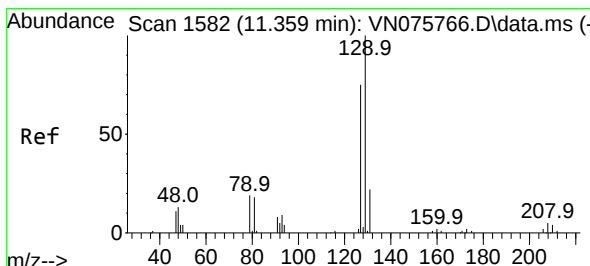
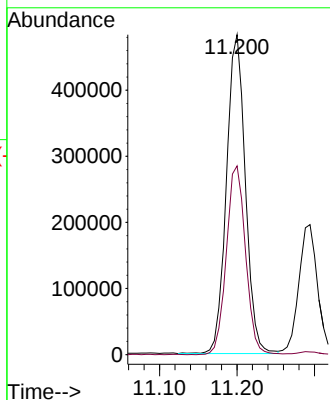
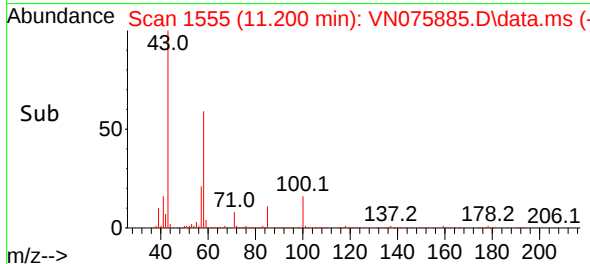
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 819708
Ion Ratio Lower Upper
43 100
58 60.0 30.6 92.0

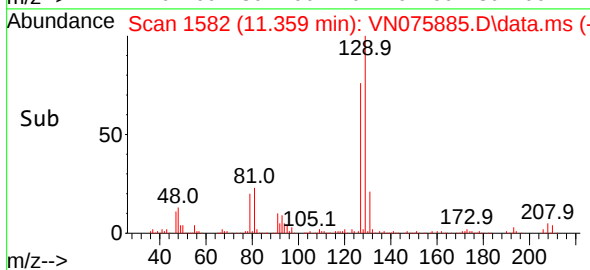
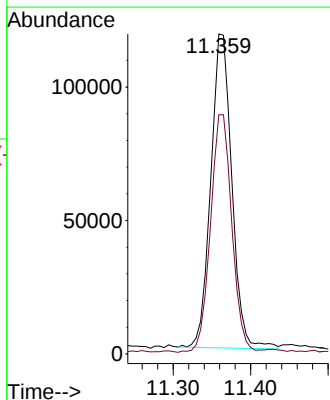
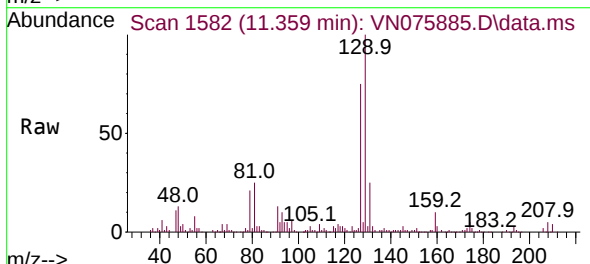
Manual Integrations
APPROVED

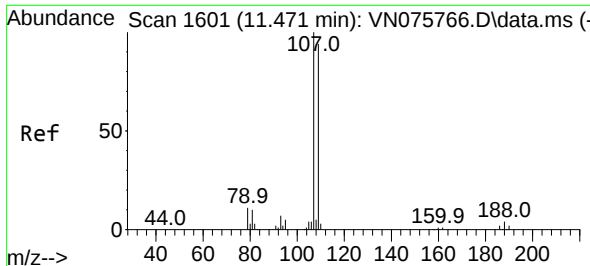
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#60
Dibromochloromethane
Concen: 50.268 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

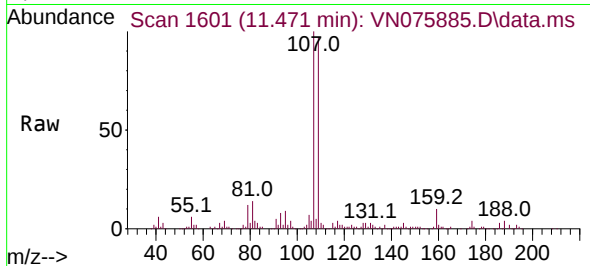
Tgt Ion:129 Resp: 222302
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.9





#61
1,2-Dibromoethane
Concen: 51.029 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

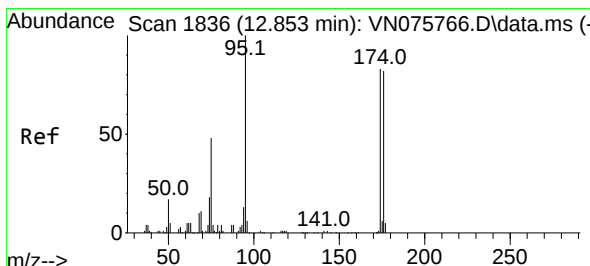
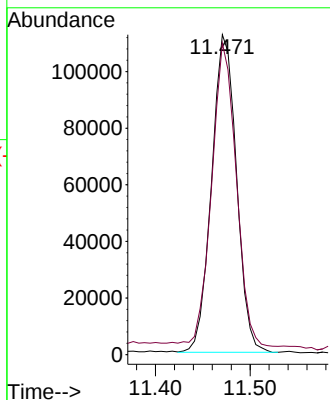
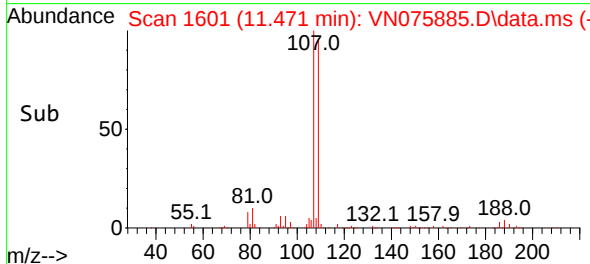
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



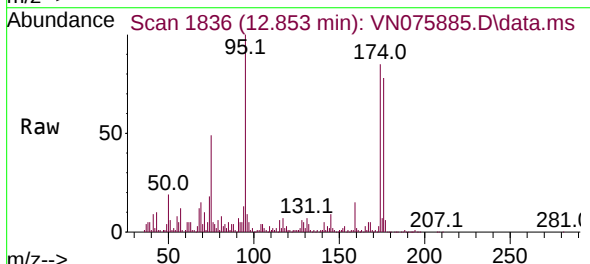
Tgt Ion:107 Resp: 205348
Ion Ratio Lower Upper
107 100
109 94.0 74.8 112.2

Manual Integrations
APPROVED

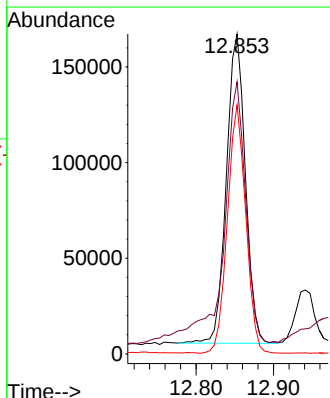
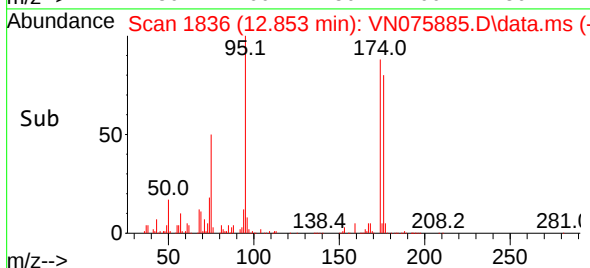
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

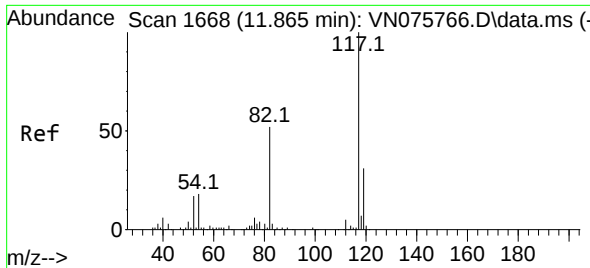


#62
4-Bromofluorobenzene
Concen: 58.773 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46



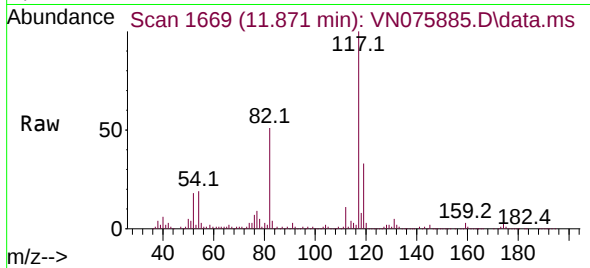
Tgt Ion: 95 Resp: 276242
Ion Ratio Lower Upper
95 100
174 106.0 0.0 171.6
176 77.5 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

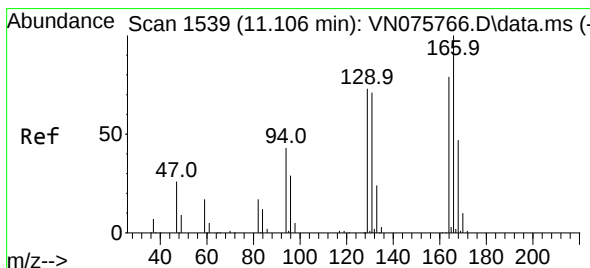
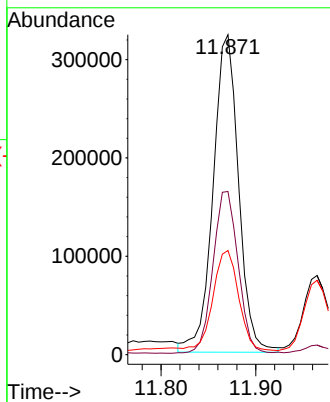
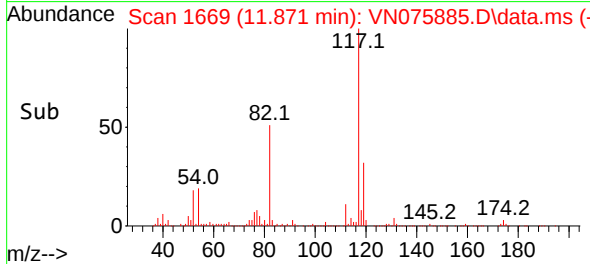
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 604781
Ion Ratio Lower Upper
117 100
82 51.5 41.3 61.9
119 31.9 24.6 37.0

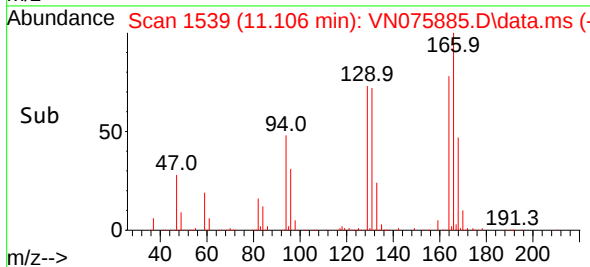
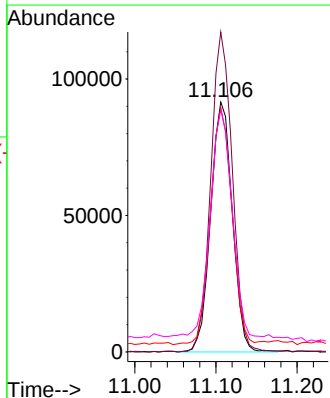
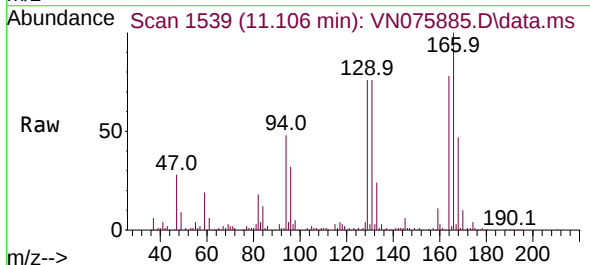
Manual Integrations
APPROVED

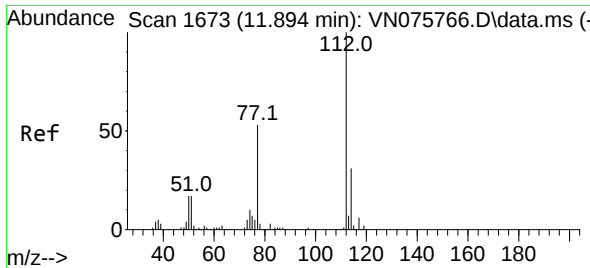
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#64
Tetrachloroethene
Concen: 39.957 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

Tgt Ion:164 Resp: 170044
Ion Ratio Lower Upper
164 100
166 128.1 101.9 152.9
129 94.5 74.2 111.2
131 91.0 72.4 108.6





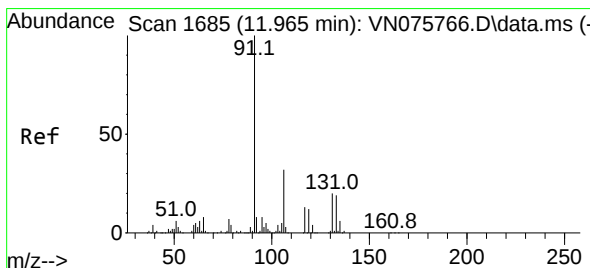
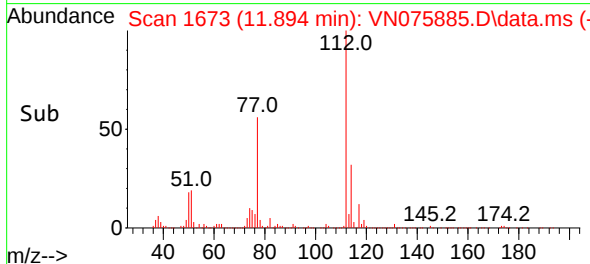
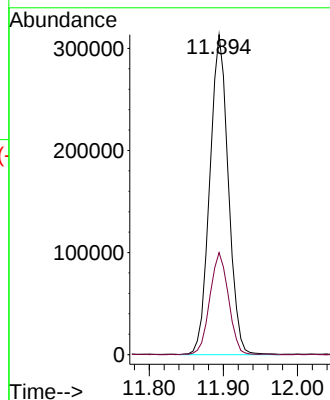
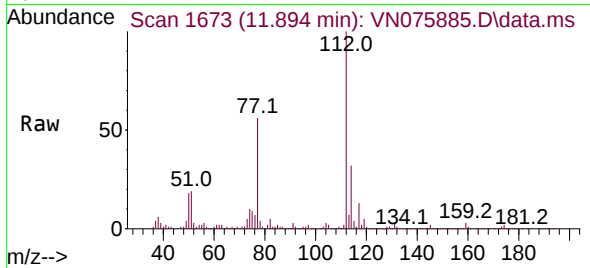
#65
Chlorobenzene
Concen: 43.899 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 544918
Ion Ratio Lower Upper
112 100
114 31.9 24.7 37.1

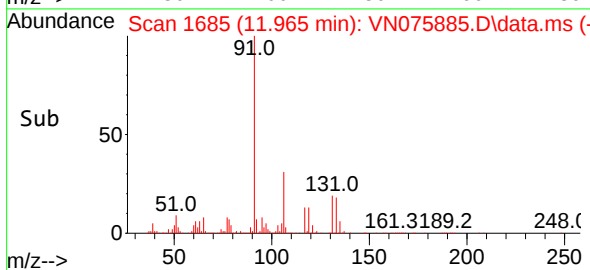
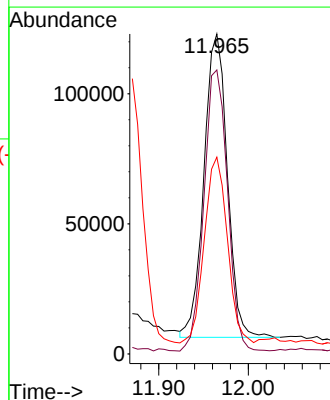
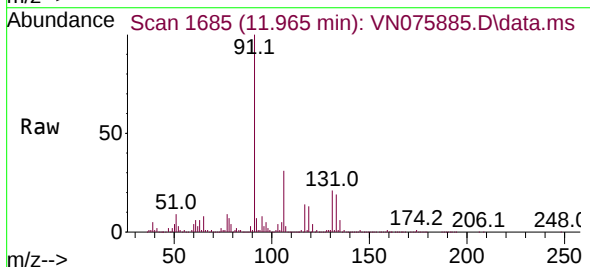
Manual Integrations
APPROVED

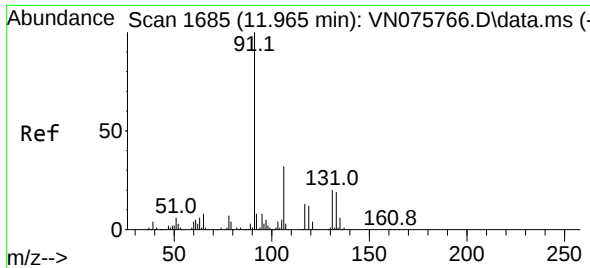
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 45.937 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

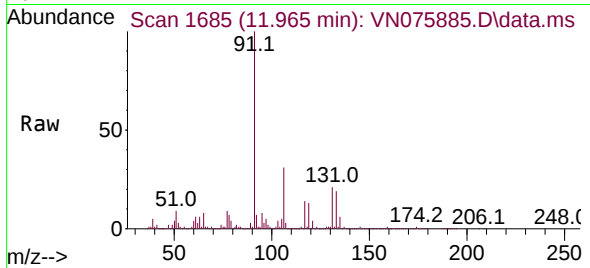
Tgt Ion:131 Resp: 211207
Ion Ratio Lower Upper
131 100
133 93.3 47.5 142.5
119 60.2 31.9 95.7





#67
Ethyl Benzene
Concen: 46.613 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

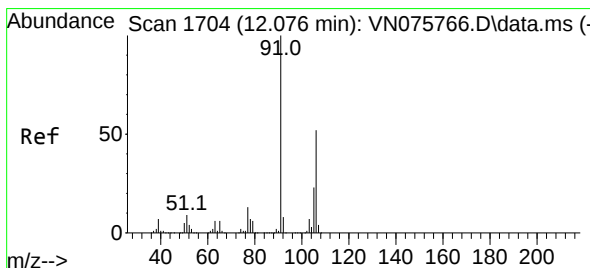
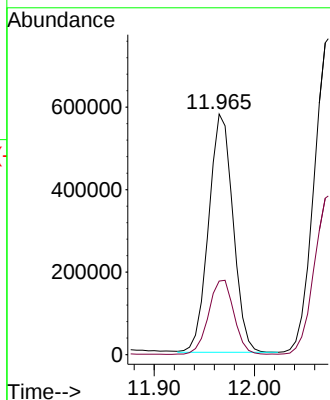
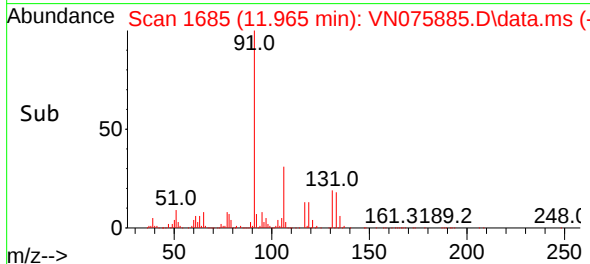
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 976550
Ion Ratio Lower Upper
91 100
106 30.7 25.7 38.5

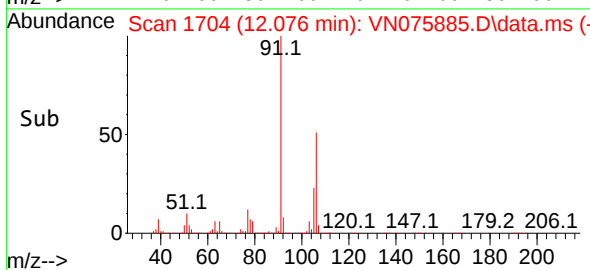
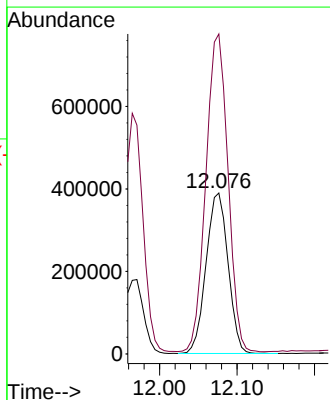
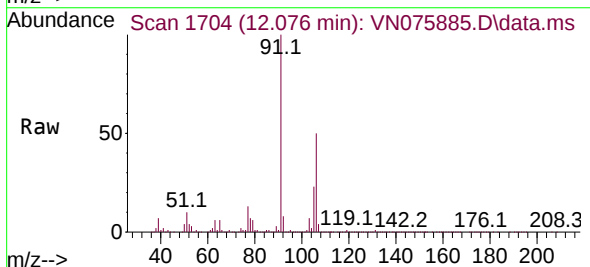
Manual Integrations
APPROVED

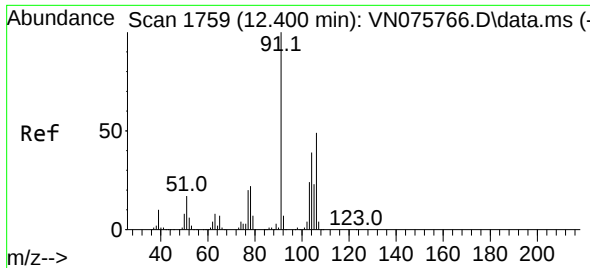
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#68
m/p-Xylenes
Concen: 92.489 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

Tgt Ion:106 Resp: 766919
Ion Ratio Lower Upper
106 100
91 198.5 156.6 235.0





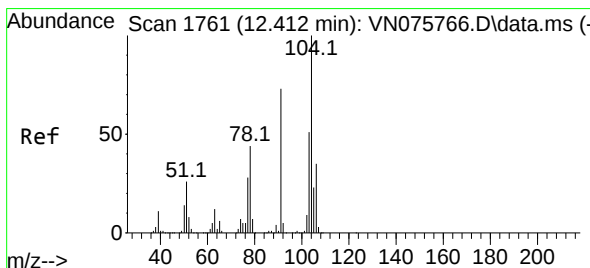
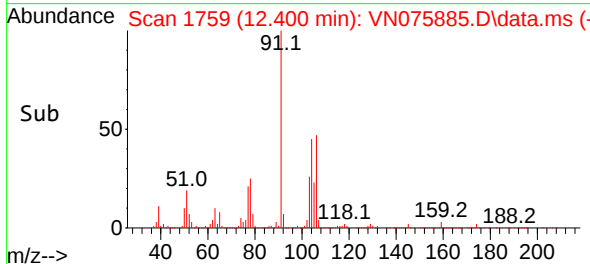
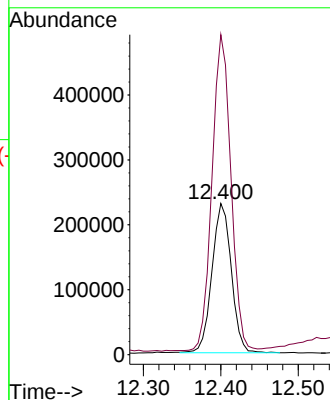
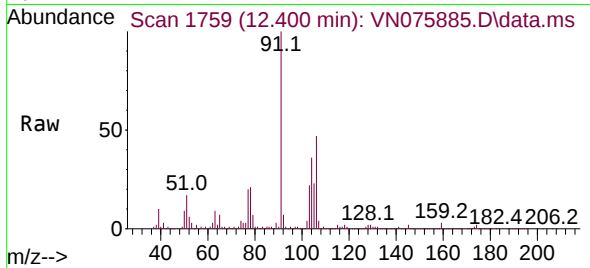
#69
o-Xylene
Concen: 48.625 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 399008
Ion Ratio Lower Upper
106 100
91 206.8 103.8 311.6

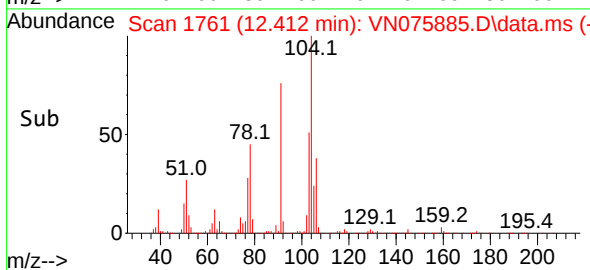
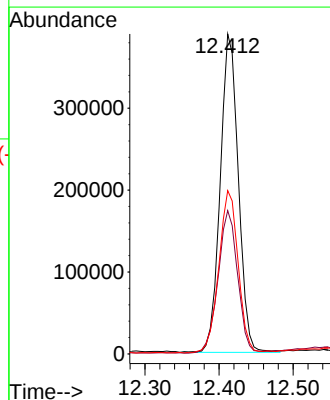
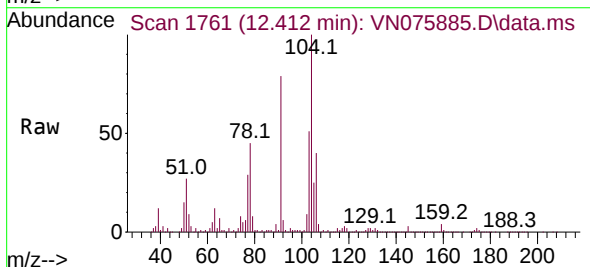
Manual Integrations
APPROVED

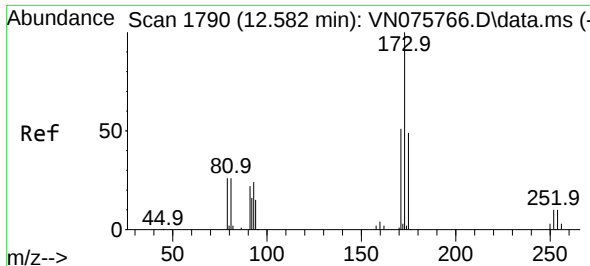
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#70
Styrene
Concen: 50.715 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

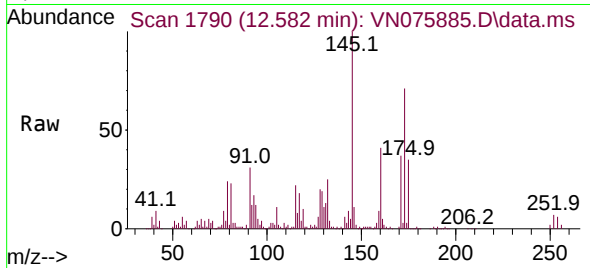
Tgt Ion:104 Resp: 661698
Ion Ratio Lower Upper
104 100
78 48.3 37.5 56.3
103 54.3 43.5 65.3





#71
Bromoform
Concen: 46.047 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

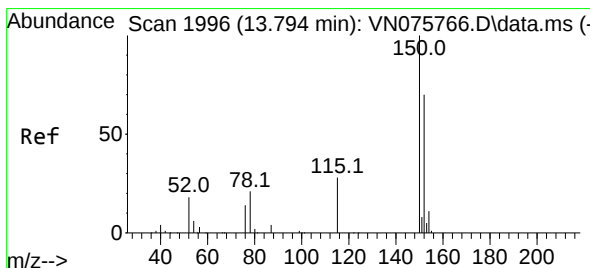
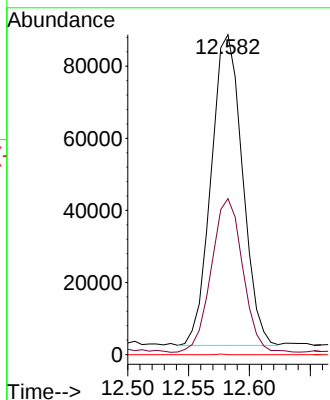
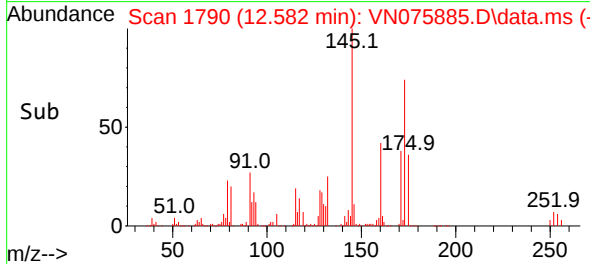
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



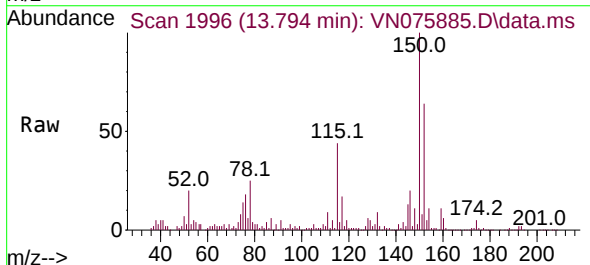
Tgt Ion:173 Resp: 154052
Ion Ratio Lower Upper
173 100
175 50.4 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

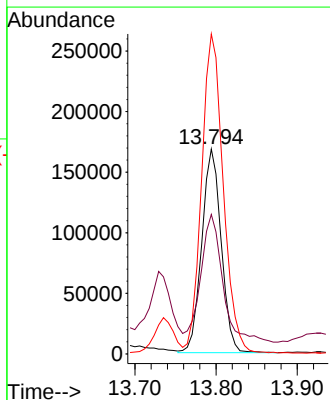
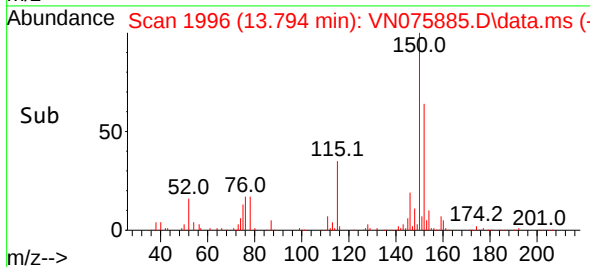
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

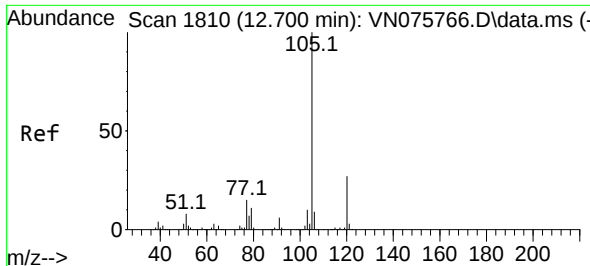


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46



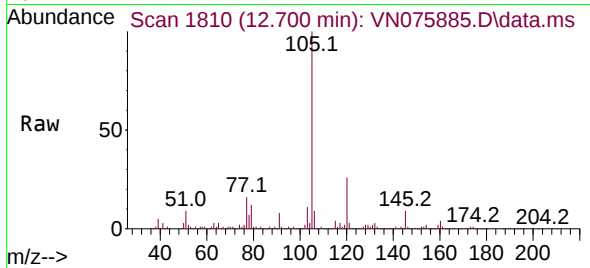
Tgt Ion:152 Resp: 279321
Ion Ratio Lower Upper
152 100
115 70.8 29.1 87.4
150 174.3 0.0 347.0





#73
Isopropylbenzene
Concen: 51.334 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

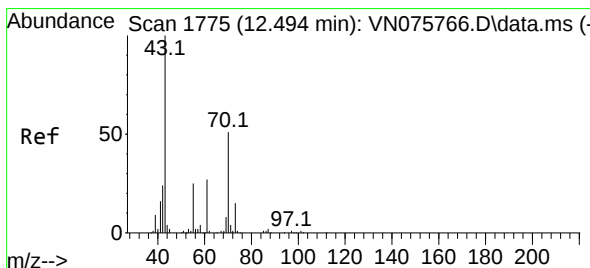
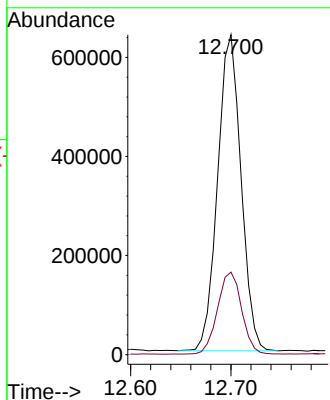
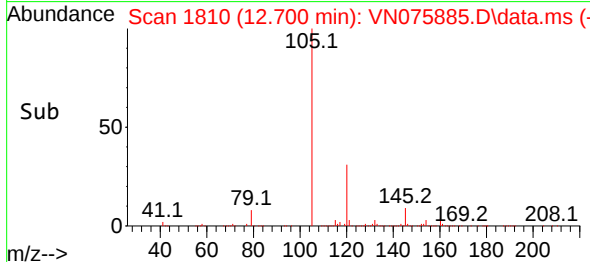
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



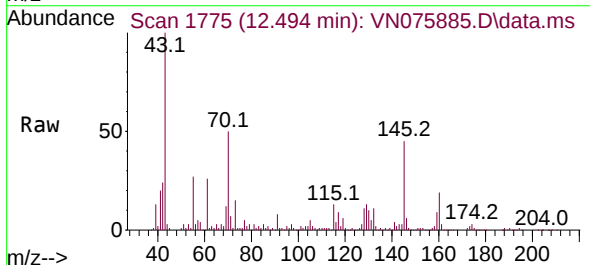
Tgt Ion:105 Resp: 1036174
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2

Manual Integrations
APPROVED

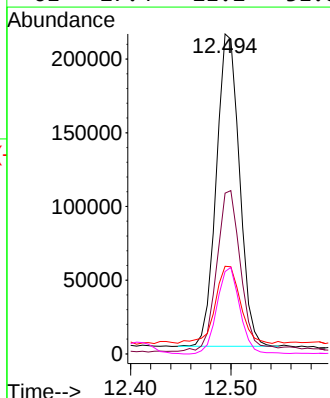
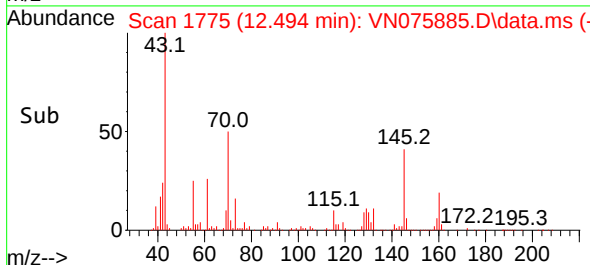
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

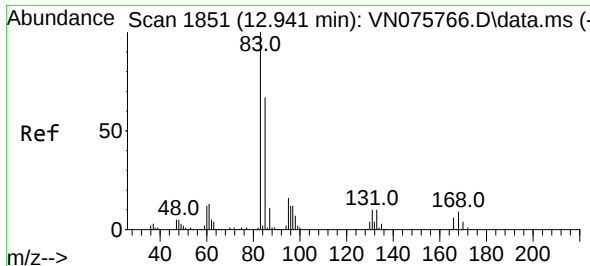


#74
N-ethyl acetate
Concen: 57.499 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46



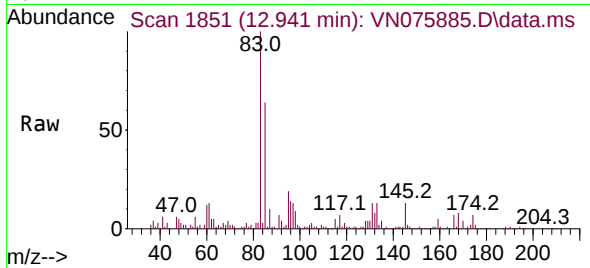
Tgt Ion: 43 Resp: 340484
Ion Ratio Lower Upper
43 100
70 53.4 41.4 62.0
55 26.6 21.3 31.9
61 27.4 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 50.640 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

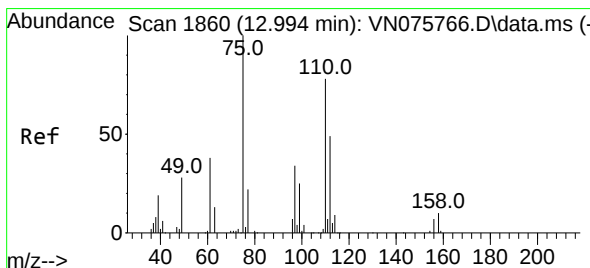
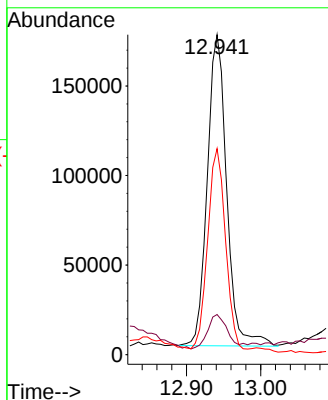
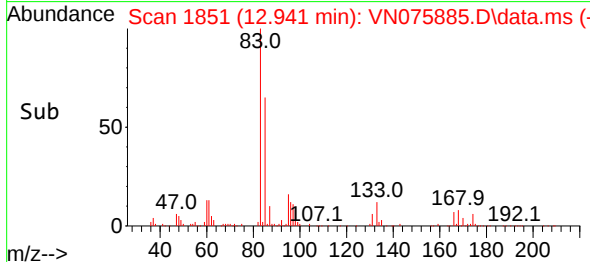
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 31599
Ion Ratio Lower Upper
83 100
131 11.6 5.6 16.8
85 58.6 32.6 98.0

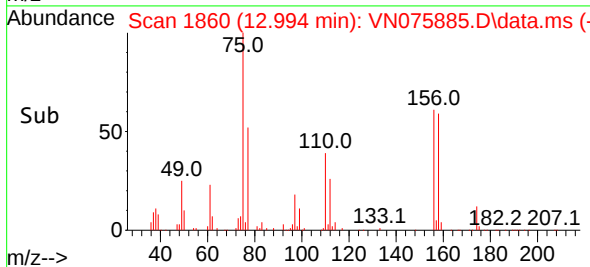
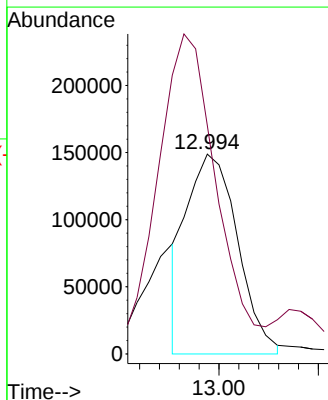
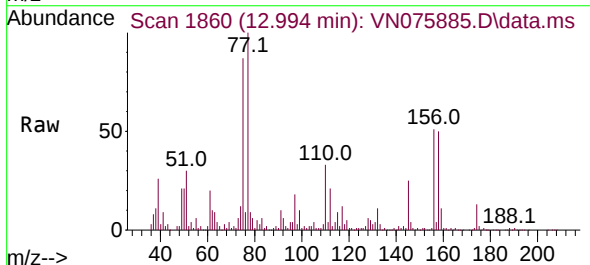
Manual Integrations
APPROVED

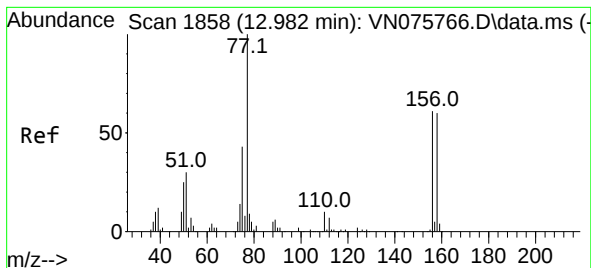
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#76
1,2,3-Trichloropropane
Concen: 47.099 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

Tgt Ion: 75 Resp: 265189
Ion Ratio Lower Upper
75 100
77 182.8 82.6 247.8





#77

Bromobenzene

Concen: 47.646 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN075885.D

Acq: 19 Dec 2022 20:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

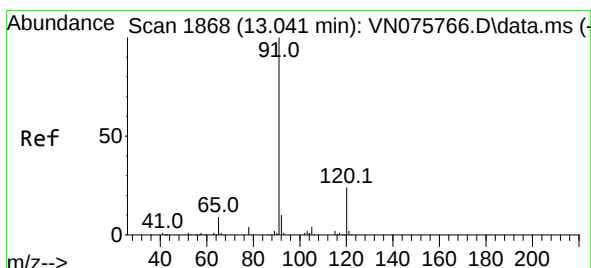
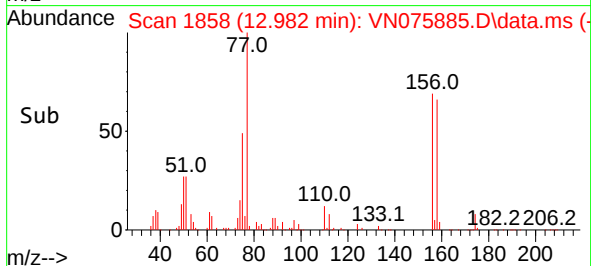
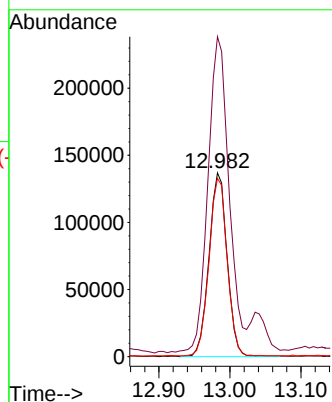
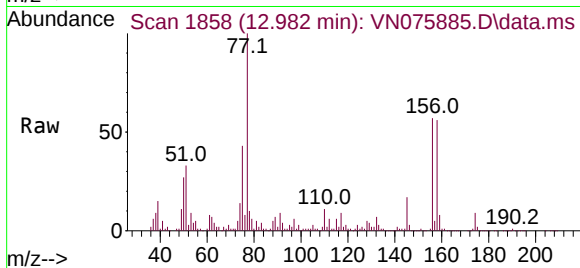
Tgt Ion:156 Resp: 243392
 Ion Ratio Lower Upper
 156 100
 77 199.2 93.8 281.3
 158 96.2 48.9 146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#78

n-propylbenzene

Concen: 53.949 ug/l

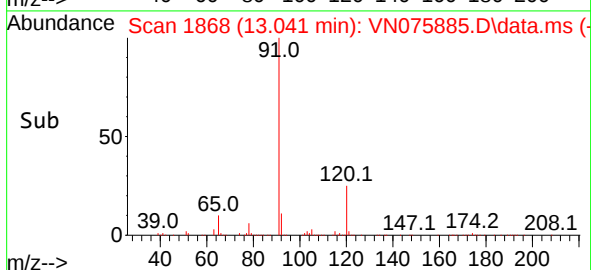
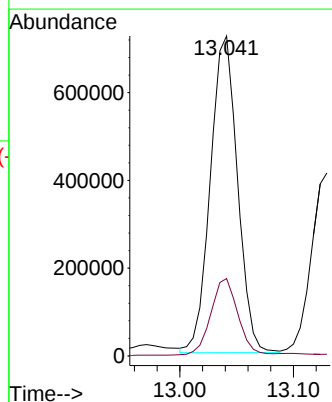
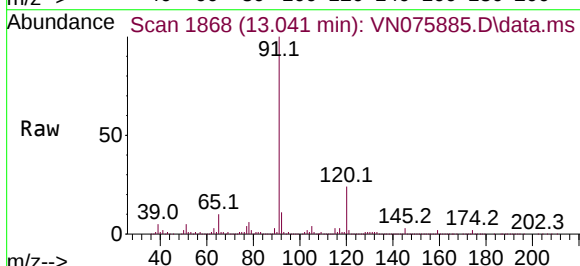
RT: 13.041 min Scan# 1868

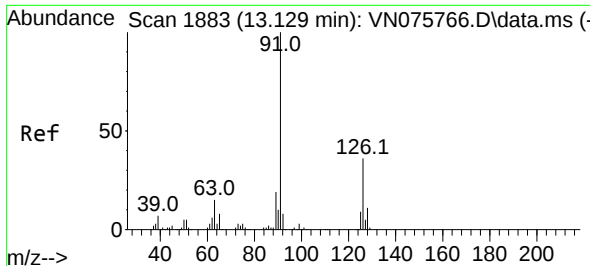
Delta R.T. 0.000 min

Lab File: VN075885.D

Acq: 19 Dec 2022 20:46

Tgt Ion: 91 Resp: 1201070
 Ion Ratio Lower Upper
 91 100
 120 24.1 12.0 36.1





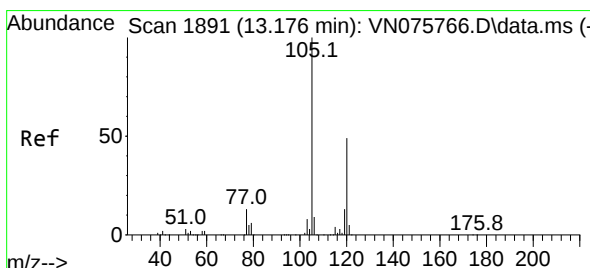
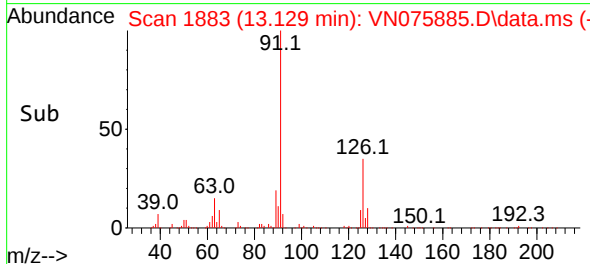
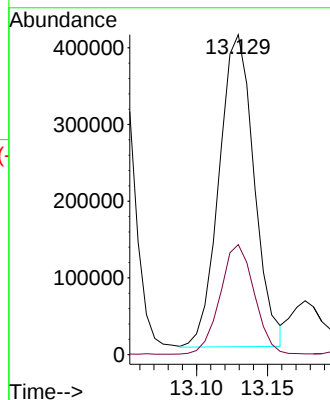
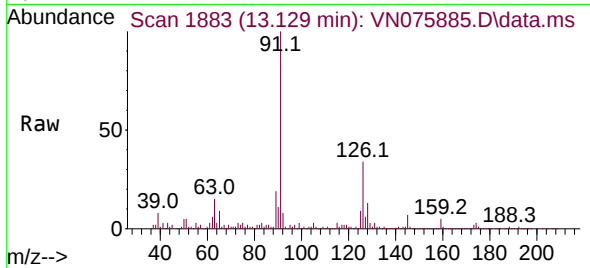
#79
2-Chlorotoluene
Concen: 50.242 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 698222
Ion Ratio Lower Upper
91 100
126 34.2 17.5 52.5

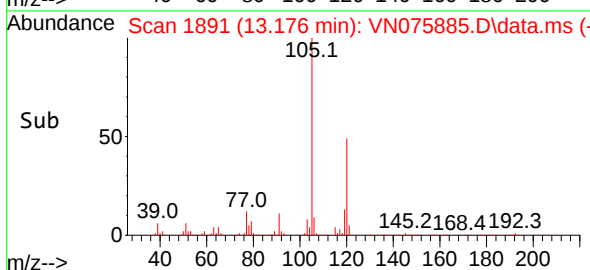
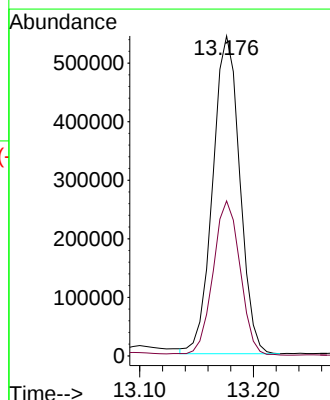
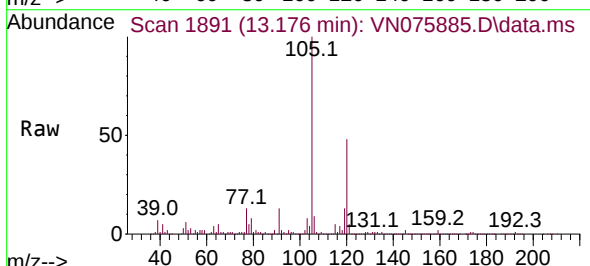
Manual Integrations
APPROVED

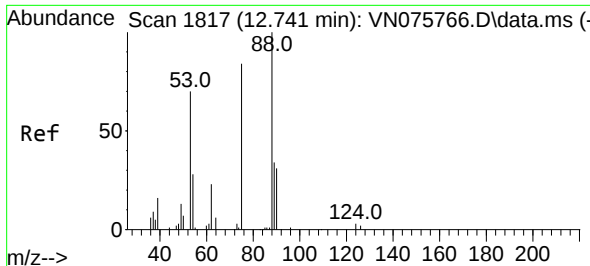
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#80
1,3,5-Trimethylbenzene
Concen: 53.141 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

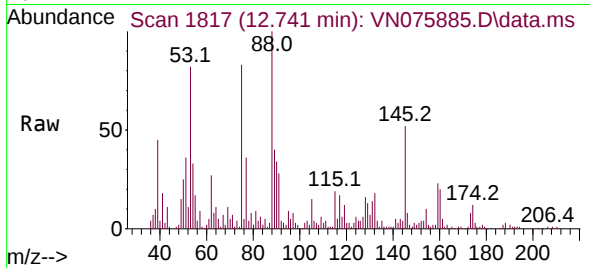
Tgt Ion:105 Resp: 897747
Ion Ratio Lower Upper
105 100
120 48.4 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 54.502 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

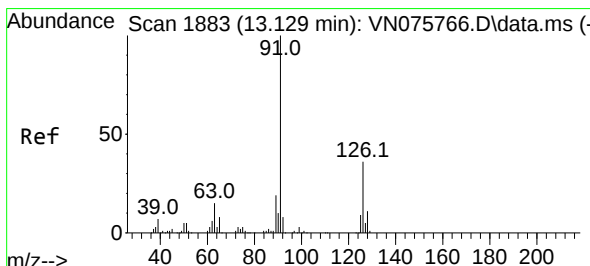
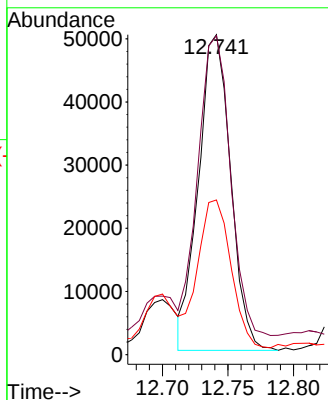
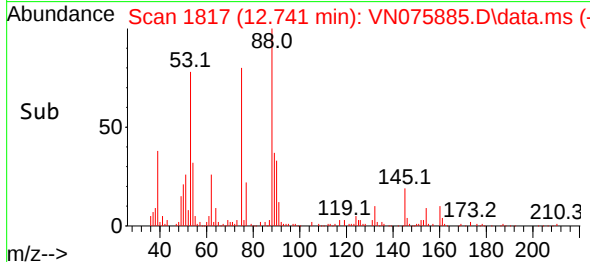
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 85254
Ion Ratio Lower Upper
75 100
53 99.4 73.8 110.6
89 48.8 39.5 59.3

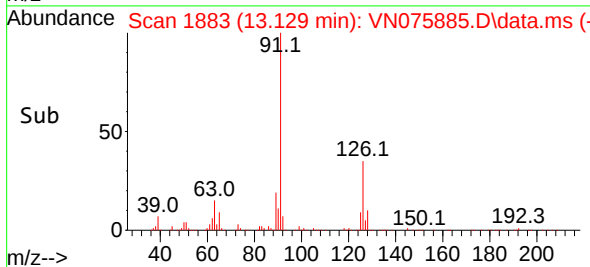
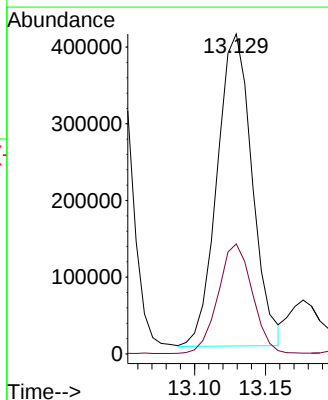
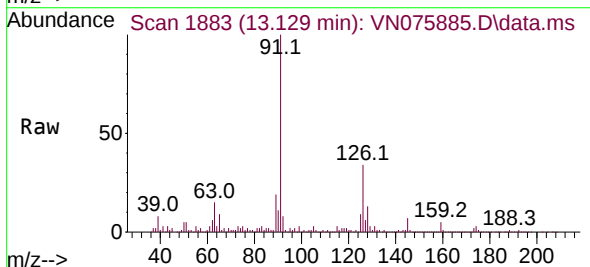
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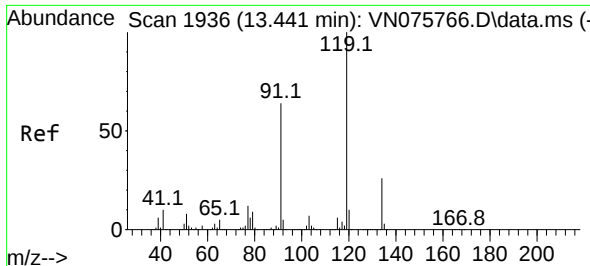
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#82
4-Chlorotoluene
Concen: 50.242 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

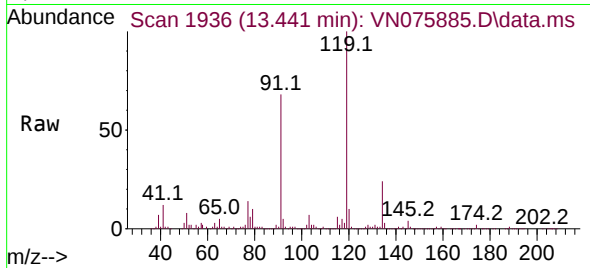
Tgt Ion: 91 Resp: 698222
Ion Ratio Lower Upper
91 100
126 34.2 17.5 52.5





#83
tert-Butylbenzene
Concen: 51.437 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

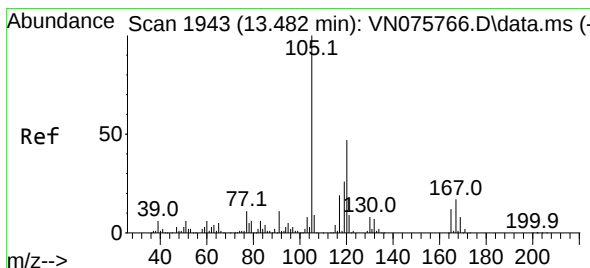
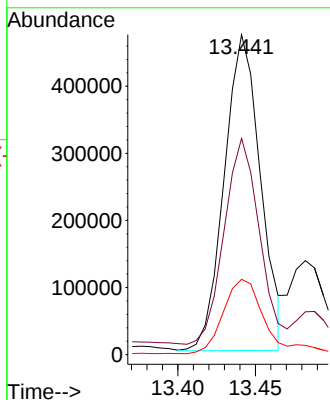
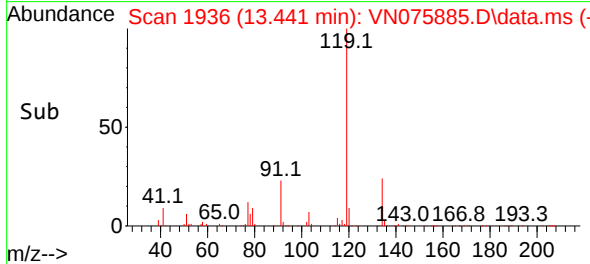
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



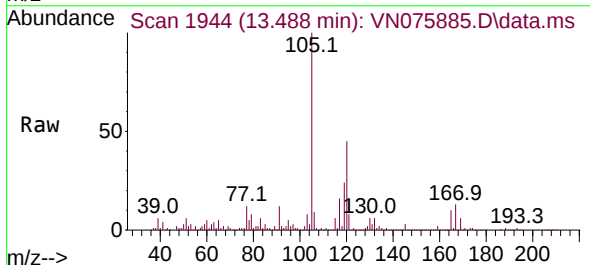
Tgt Ion:119 Resp: 766146
Ion Ratio Lower Upper
119 100
91 64.5 31.9 95.5
134 27.8 13.8 41.4

Manual Integrations
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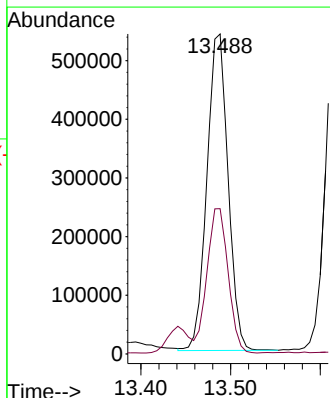
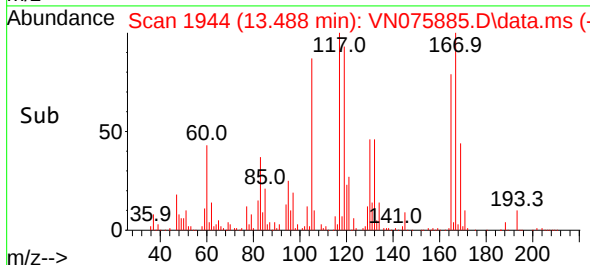
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

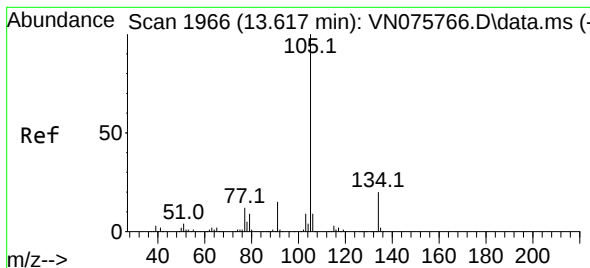


#84
1,2,4-Trimethylbenzene
Concen: 52.917 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46



Tgt Ion:105 Resp: 886859
Ion Ratio Lower Upper
105 100
120 45.5 23.3 69.8





#85

sec-Butylbenzene

Concen: 55.418 ug/l

RT: 13.618 min Scan# 1966

Delta R.T. 0.000 min

Lab File: VN075885.D

Acq: 19 Dec 2022 20:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 1139312

Ion Ratio Lower Upper

105 100

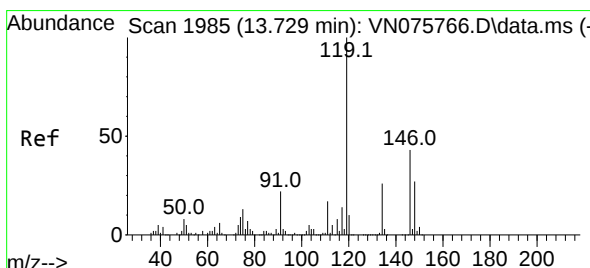
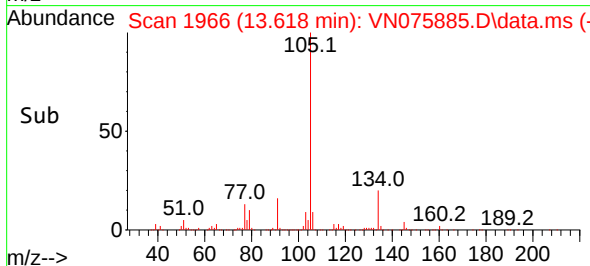
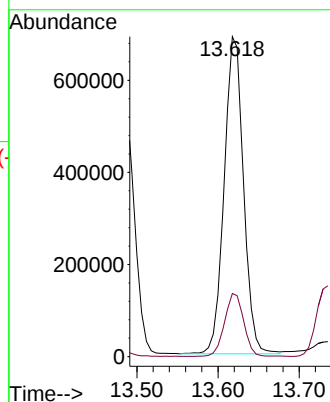
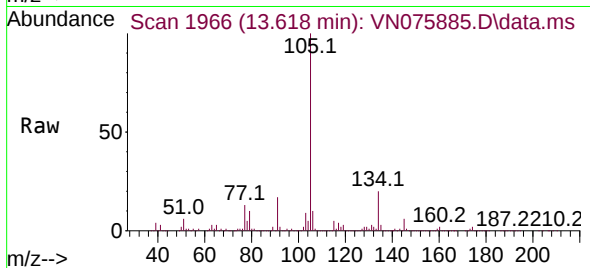
134 19.7 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#86

p-Isopropyltoluene

Concen: 56.102 ug/l

RT: 13.729 min Scan# 1985

Delta R.T. 0.000 min

Lab File: VN075885.D

Acq: 19 Dec 2022 20:46

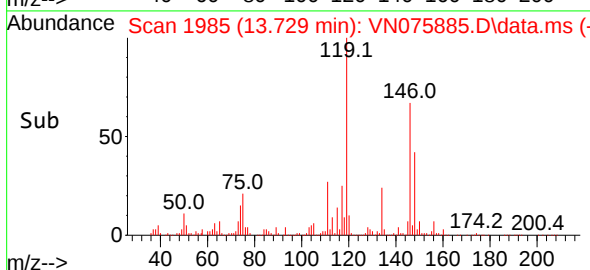
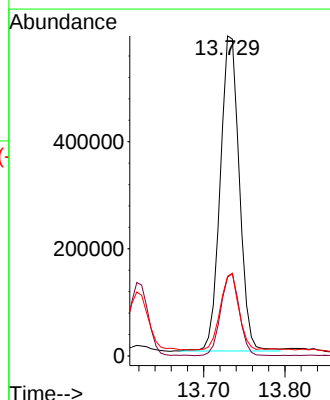
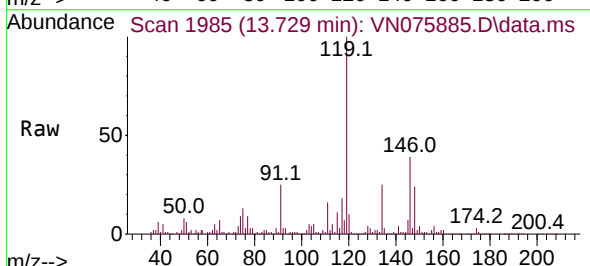
Tgt Ion:119 Resp: 959699

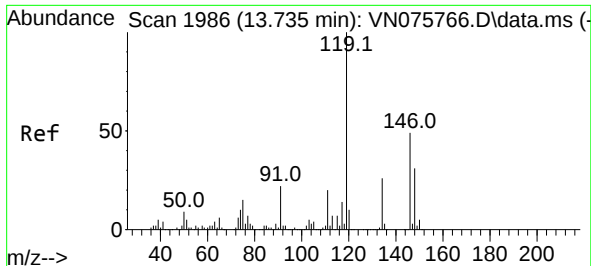
Ion Ratio Lower Upper

119 100

134 25.3 13.0 39.0

91 23.7 11.2 33.6





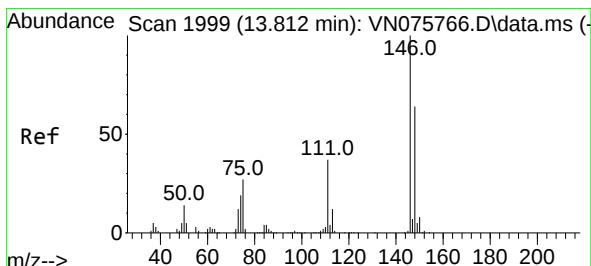
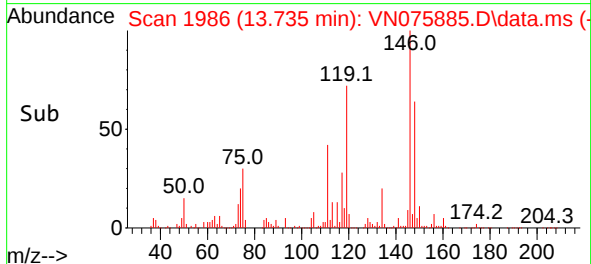
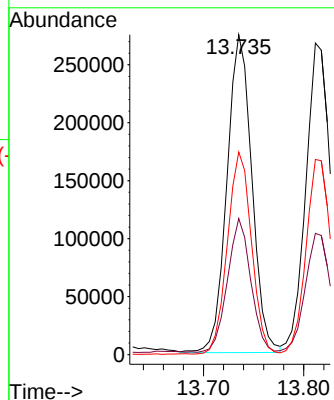
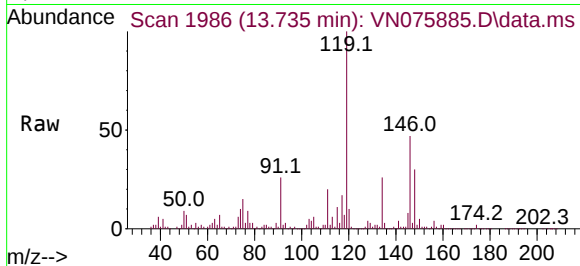
#87
1,3-Dichlorobenzene
Concen: 50.260 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 474261
Ion Ratio Lower Upper
146 100
111 39.2 19.7 59.0
148 61.6 31.4 94.2

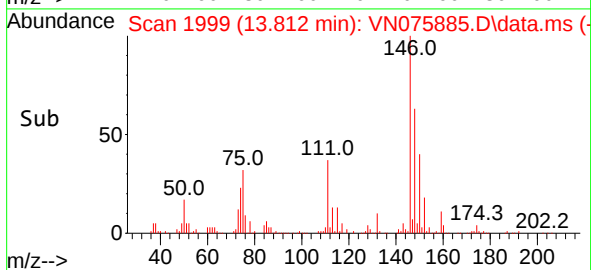
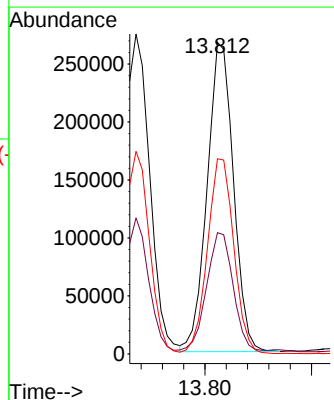
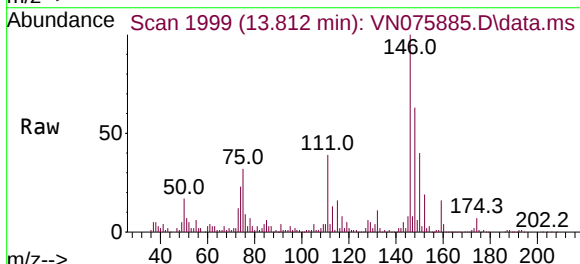
Manual Integrations
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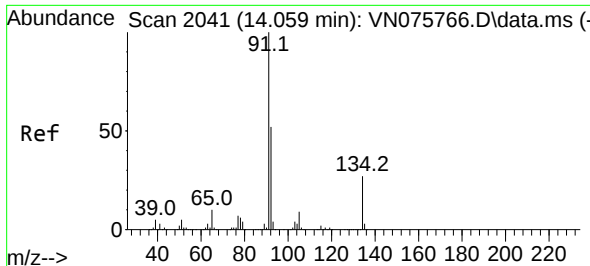
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#88
1,4-Dichlorobenzene
Concen: 47.502 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

Tgt Ion:146 Resp: 457904
Ion Ratio Lower Upper
146 100
111 38.1 19.1 57.1
148 63.1 32.0 96.2





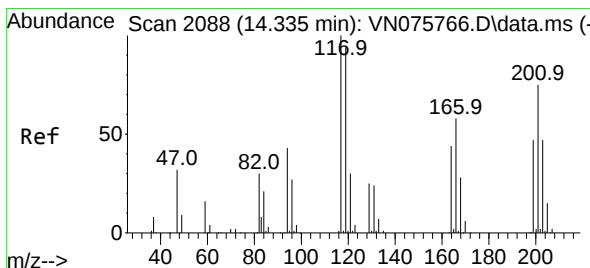
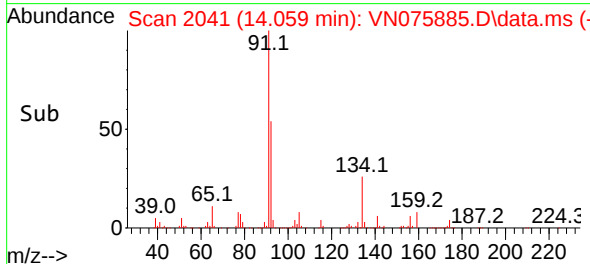
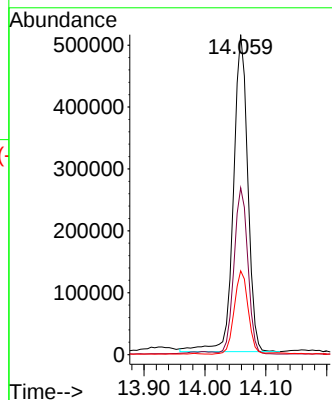
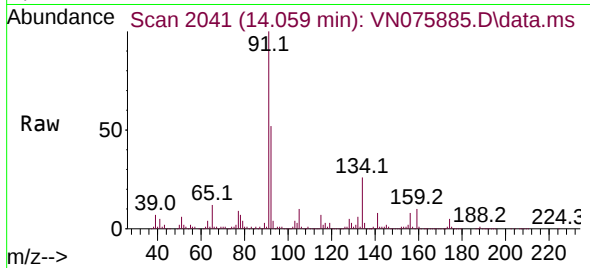
#89
n-Butylbenzene
Concen: 60.522 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 838739
Ion Ratio Lower Upper
91 100
92 50.5 26.4 79.2
134 25.4 13.4 40.2

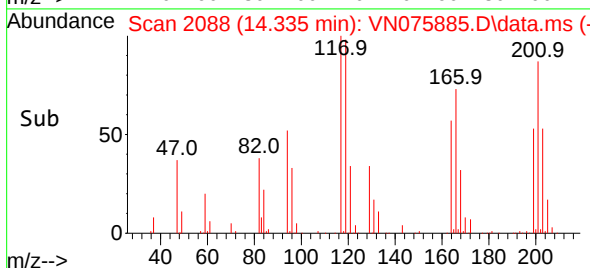
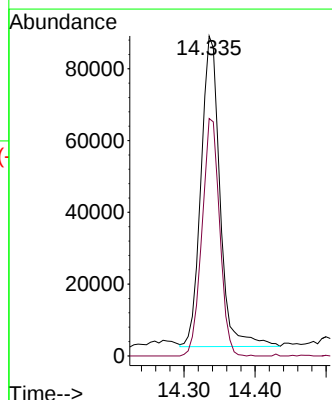
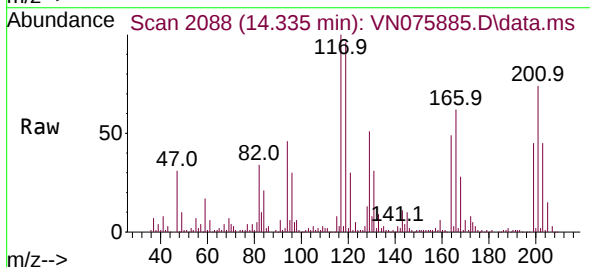
Manual Integrations
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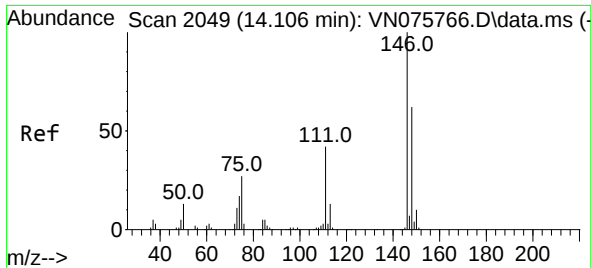
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#90
Hexachloroethane
Concen: 52.261 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

Tgt Ion:117 Resp: 159918
Ion Ratio Lower Upper
117 100
201 71.1 38.0 114.1





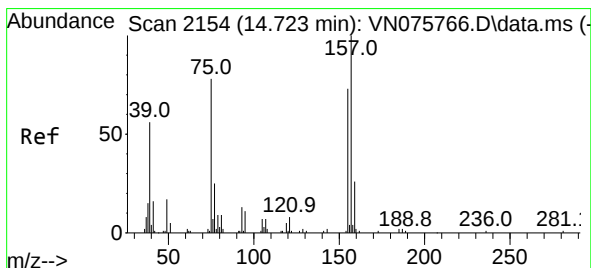
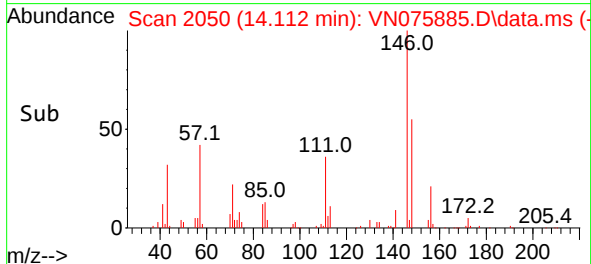
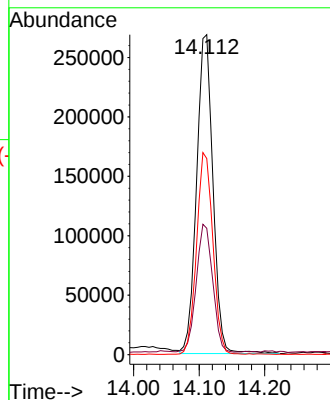
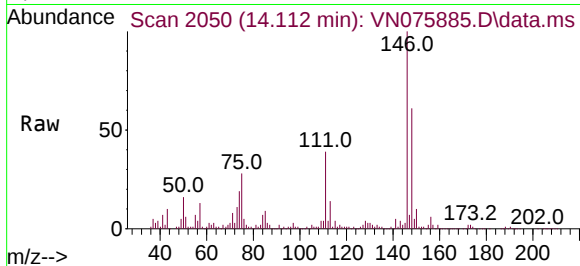
#91
1,2-Dichlorobenzene
Concen: 50.024 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 464948
Ion Ratio Lower Upper
146 100
111 39.9 20.3 61.0
148 62.8 31.7 95.1

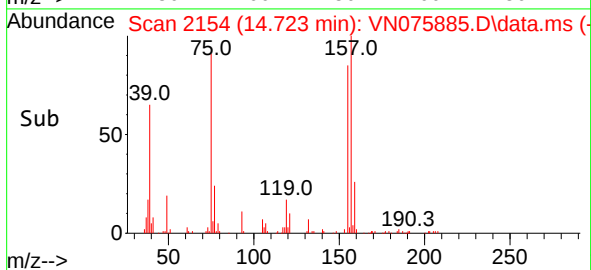
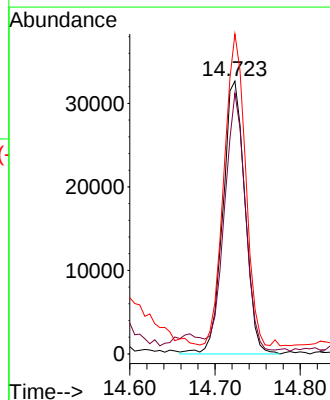
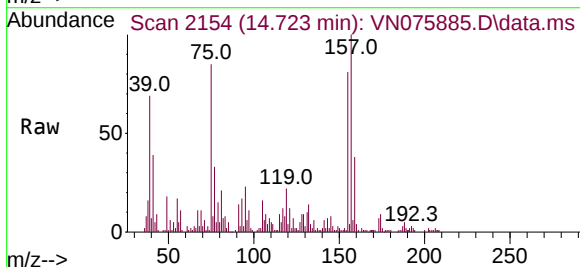
Manual Integrations
APPROVED

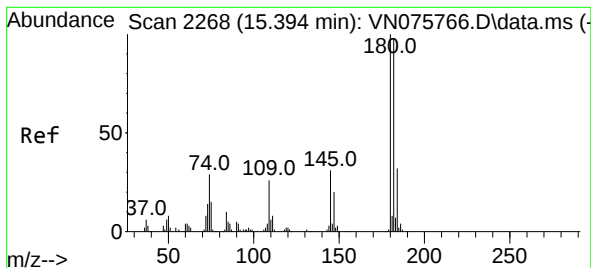
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.082 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075885.D
Acq: 19 Dec 2022 20:46

Tgt Ion: 75 Resp: 58774
Ion Ratio Lower Upper
75 100
155 88.2 49.3 147.8
157 110.4 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 51.361 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.000 min

Lab File: VN075885.D

Acq: 19 Dec 2022 20:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 236338

Ion Ratio Lower Upper

180 100

182 96.8 47.5 142.5

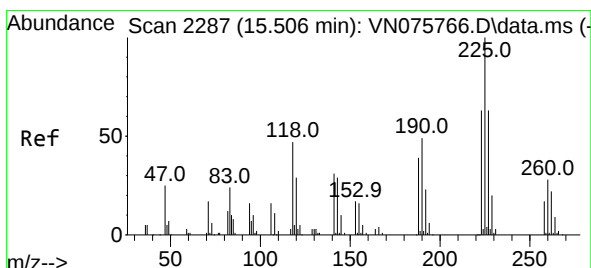
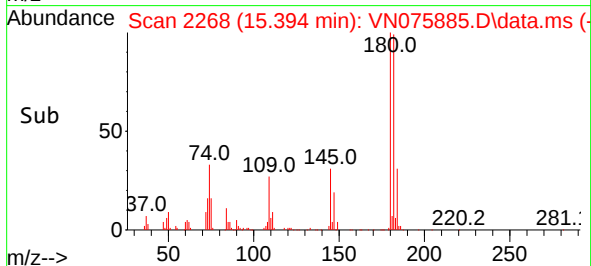
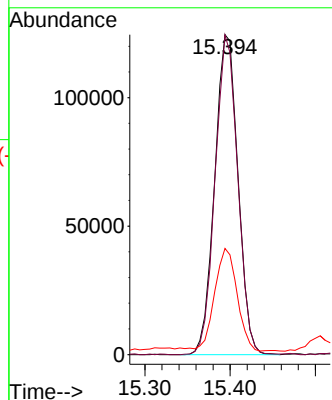
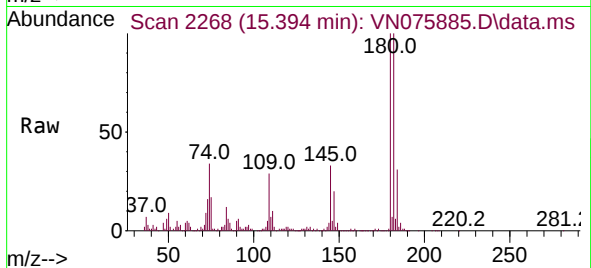
145 30.6 15.3 45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#94

Hexachlorobutadiene

Concen: 46.438 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. 0.000 min

Lab File: VN075885.D

Acq: 19 Dec 2022 20:46

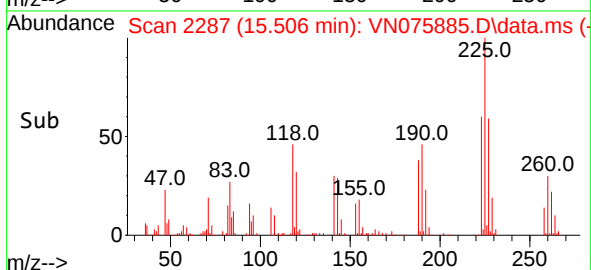
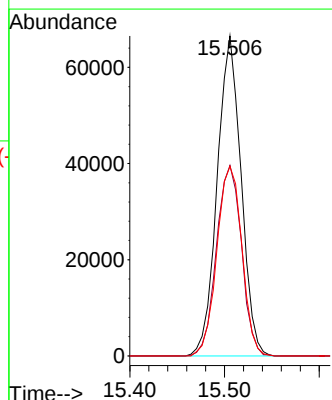
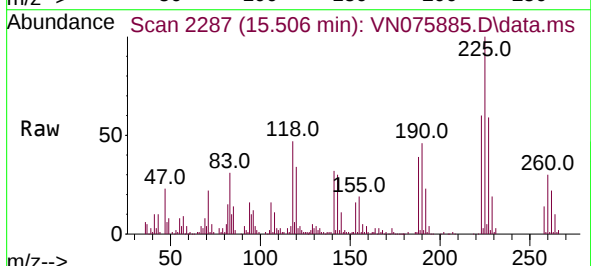
Tgt Ion:225 Resp: 116584

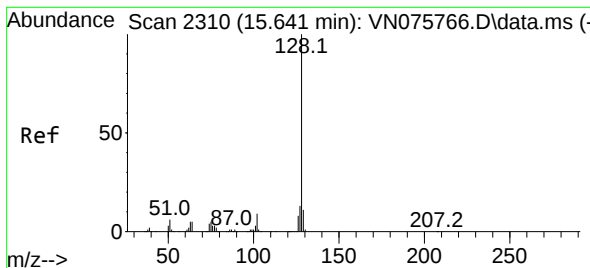
Ion Ratio Lower Upper

225 100

223 62.4 31.5 94.5

227 62.0 31.6 95.0





#95

Naphthalene

Concen: 51.739 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN075885.D

Acq: 19 Dec 2022 20:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 787712

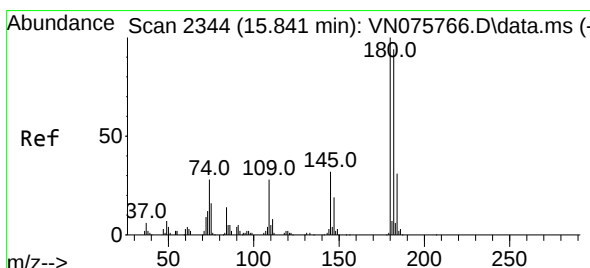
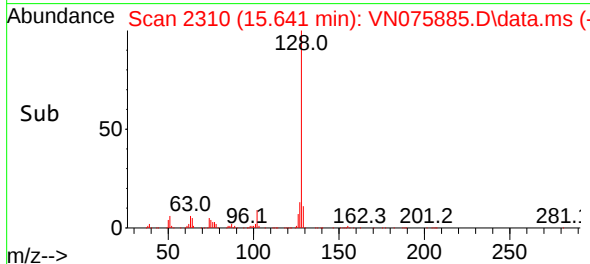
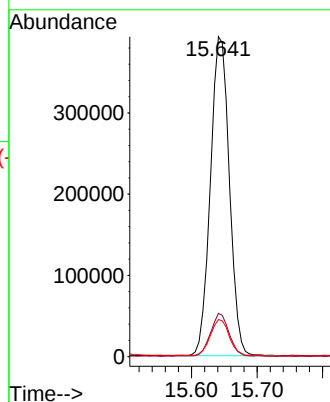
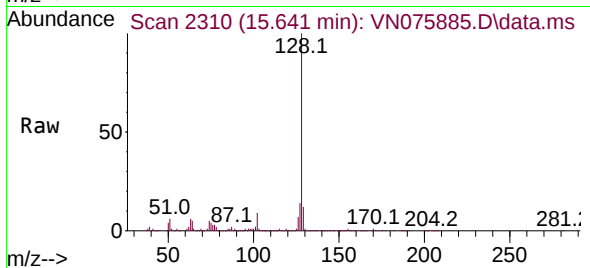
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.6	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#96

1,2,3-Trichlorobenzene

Concen: 56.157 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN075885.D

Acq: 19 Dec 2022 20:46

Tgt Ion:180 Resp: 241522

Ion	Ratio	Lower	Upper
180	100		
182	92.7	47.0	141.0
145	33.9	16.0	47.9

