

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111622\
 Data File : VN075296.D
 Acq On : 16 Nov 2022 18:27
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/17/2022
 Supervised By : Mahesh Dadoda 11/17/2022

Quant Time: Nov 17 04:30:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	132982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	225262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	211169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	72314	40.359	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	80.720%		
35) Dibromofluoromethane	8.171	113	67545	51.078	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.160%		
50) Toluene-d8	10.565	98	235843	45.968	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.940%		
62) 4-Bromofluorobenzene	12.853	95	91964	51.027	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	77312	44.691	ug/l	98
3) Chloromethane	2.371	50	75881	41.295	ug/l	97
4) Vinyl Chloride	2.524	62	106939	40.795	ug/l	99
5) Bromomethane	2.918	94	82996	43.609	ug/l	99
6) Chloroethane	3.089	64	80400	42.772	ug/l	99
7) Trichlorofluoromethane	3.483	101	140010	52.285	ug/l	96
8) Diethyl Ether	3.965	74	52329	53.576	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	79469	53.737	ug/l	98
10) Methyl Iodide	4.589	142	123311	56.009	ug/l	97
11) Tert butyl alcohol	5.541	59	96536	231.031	ug/l	98
12) 1,1-Dichloroethene	4.342	96	75036	53.231	ug/l	98
13) Acrolein	4.189	56	63078	184.559	ug/l	99
14) Allyl chloride	5.030	41	108598	52.748	ug/l	95
15) Acrylonitrile	5.730	53	227852	258.138	ug/l	98
16) Acetone	4.436	43	182676	240.781	ug/l	98
17) Carbon Disulfide	4.712	76	173668	48.991	ug/l	100
18) Methyl Acetate	5.030	43	130928	52.832	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	277125	52.894	ug/l	99
20) Methylene Chloride	5.283	84	89978	53.191	ug/l	95
21) trans-1,2-Dichloroethene	5.794	96	82650	53.550	ug/l	96
22) Diisopropyl ether	6.677	45	236513	52.056	ug/l	98
23) Vinyl Acetate	6.612	43	961821m	253.512	ug/l	
24) 1,1-Dichloroethane	6.577	63	150891	52.511	ug/l	100
25) 2-Butanone	7.488	43	294560	246.838	ug/l	100
26) 2,2-Dichloropropane	7.494	77	132154	49.993	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	103184	55.982	ug/l	94
28) Bromochloromethane	7.818	49	53866	44.469	ug/l	93
29) Tetrahydrofuran	7.841	42	193486	250.916	ug/l	100
30) Chloroform	7.971	83	165942	53.189	ug/l	99
31) Cyclohexane	8.259	56	128203	48.108	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	153295	54.107	ug/l	94
36) 1,1-Dichloropropene	8.371	75	120333	58.776	ug/l	98
37) Ethyl Acetate	7.565	43	114203	50.864	ug/l	99
38) Carbon Tetrachloride	8.365	117	136163	60.462	ug/l	98
39) Methylcyclohexane	9.600	83	153510	56.797	ug/l	100
40) Benzene	8.612	78	366442	58.457	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	62850	58.427	ug/l	97
42) 1,2-Dichloroethane	8.677	62	125072	54.841	ug/l	96
43) Isopropyl Acetate	8.694	43	198666	57.044	ug/l	99
44) Trichloroethene	9.353	130	96973	61.660	ug/l	96
45) 1,2-Dichloropropane	9.624	63	90192	60.459	ug/l	96
46) Dibromomethane	9.712	93	66413	57.142	ug/l	93
47) Bromodichloromethane	9.888	83	130471	57.969	ug/l	96
48) Methyl methacrylate	9.682	41	87487	54.763	ug/l	96
49) 1,4-Dioxane	9.700	88	48107	1149.956	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	602610	268.139	ug/l	98
52) Toluene	10.629	92	248350	59.267	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	140941	59.328	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	148116	58.783	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	98300	59.163	ug/l	98
56) Ethyl methacrylate	10.876	69	146177	57.677	ug/l	98
57) 1,3-Dichloropropane	11.165	76	159924	57.798	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	234948	239.792	ug/l	98
59) 2-Hexanone	11.194	43	450945	264.377	ug/l	97
60) Dibromochloromethane	11.359	129	110214	62.873	ug/l	99
61) 1,2-Dibromoethane	11.470	107	104760	61.525	ug/l	98
64) Tetrachloroethene	11.106	164	85707	66.201	ug/l	95
65) Chlorobenzene	11.894	112	266838	59.199	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	102383	61.231	ug/l	98
67) Ethyl Benzene	11.965	91	483141	59.577	ug/l	99
68) m/p-Xylenes	12.070	106	383736	117.929	ug/l	100
69) o-Xylene	12.400	106	191732	59.582	ug/l	98
70) Styrene	12.412	104	314722	61.337	ug/l	98
71) Bromoform	12.582	173	83830	66.963	ug/l #	99
73) Isopropylbenzene	12.694	105	499124	53.160	ug/l	98
74) N-amyl acetate	12.494	43	170339	49.053	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	154147	57.357	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	131055m	52.777	ug/l	
77) Bromobenzene	12.982	156	120838	58.450	ug/l	87
78) n-propylbenzene	13.035	91	568695	53.949	ug/l	99
79) 2-Chlorotoluene	13.123	91	337140	52.338	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	429141	54.418	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	46513	48.082	ug/l	95
82) 4-Chlorotoluene	13.123	91	337140	52.338	ug/l	97
83) tert-Butylbenzene	13.441	119	386418	55.145	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	433386	54.316	ug/l	98
85) sec-Butylbenzene	13.617	105	540792	55.168	ug/l	99
86) p-Isopropyltoluene	13.729	119	467009	57.686	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	235840	58.264	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	234122	58.443	ug/l	98
89) n-Butylbenzene	14.059	91	386276	59.251	ug/l	99
90) Hexachloroethane	14.335	117	77081	51.930	ug/l	84
91) 1,2-Dichlorobenzene	14.106	146	233239	57.960	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31087	49.086	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	127494	73.626	ug/l	97
94) Hexachlorobutadiene	15.500	225	62608	74.164	ug/l	97
95) Naphthalene	15.641	128	412753	61.982	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	126198	73.347	ug/l	98

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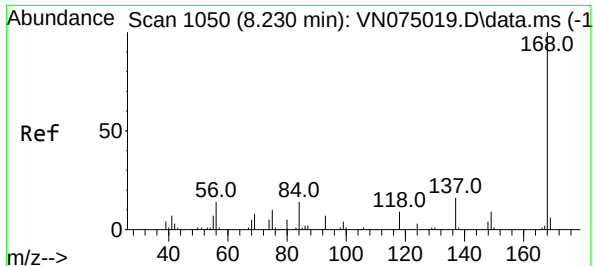
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/17/2022

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Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration

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



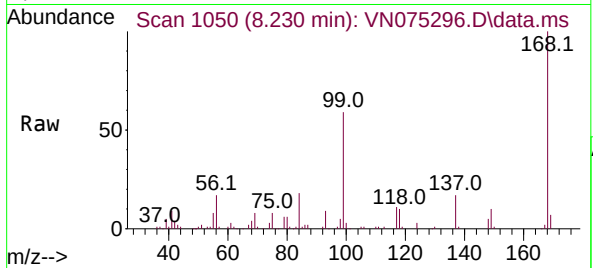
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075296.D
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VSTDCCC050EC

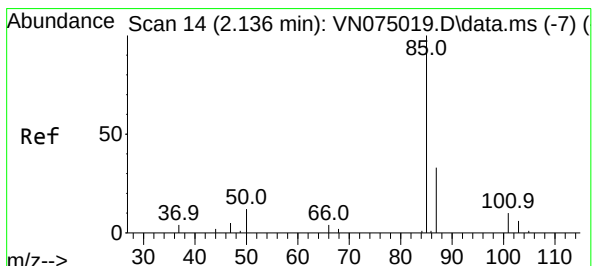
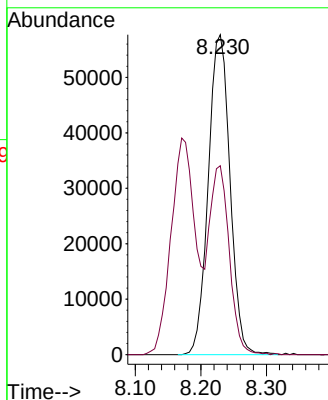
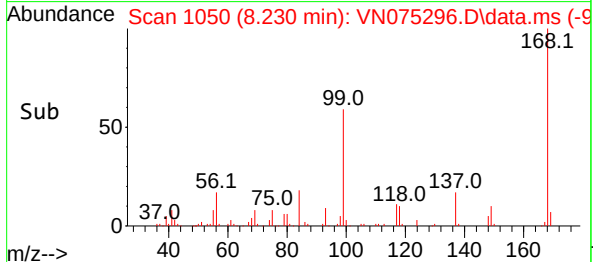


Tgt Ion:168 Resp: 132982
Ion Ratio Lower Upper
168 100
99 58.7 51.6 77.4

Manual Integrations

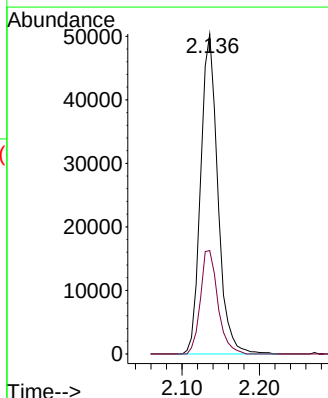
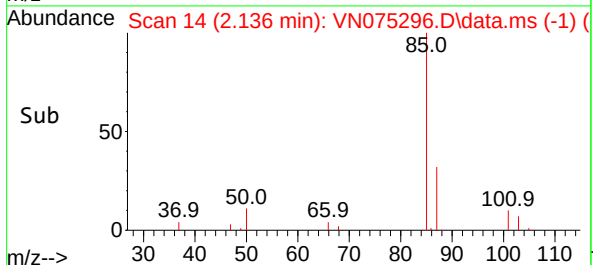
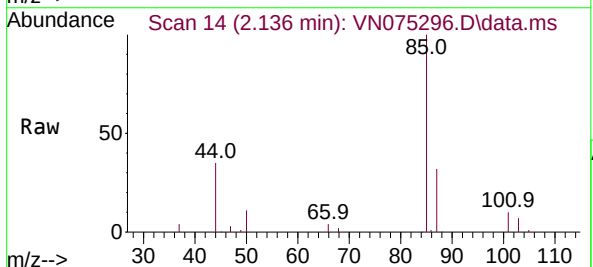
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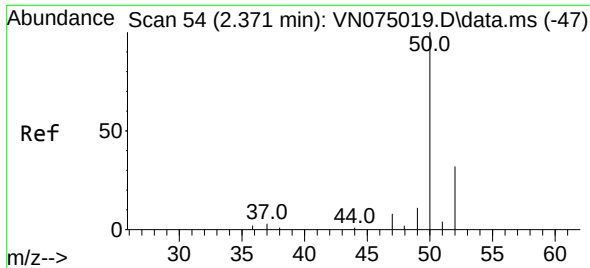
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#2
Dichlorodifluoromethane
Concen: 44.691 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

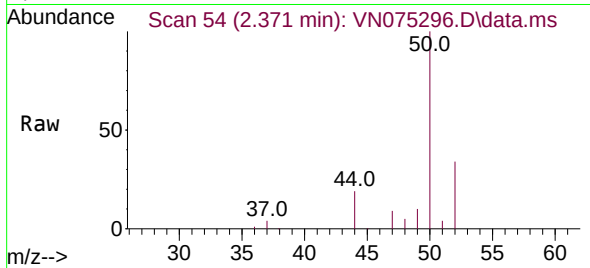
Tgt Ion: 85 Resp: 77312
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.0





#3
Chloromethane
Concen: 41.295 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

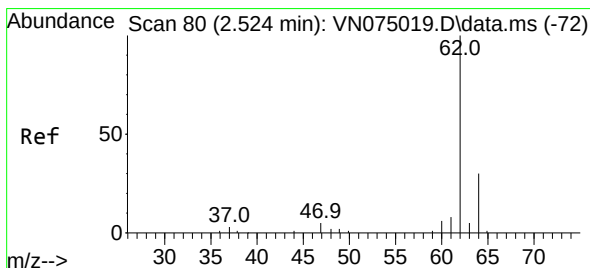
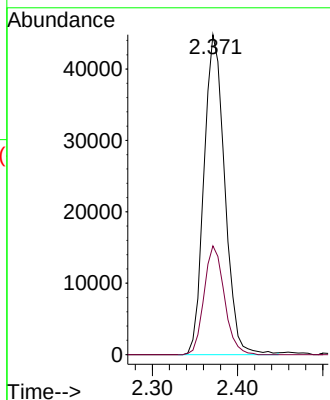
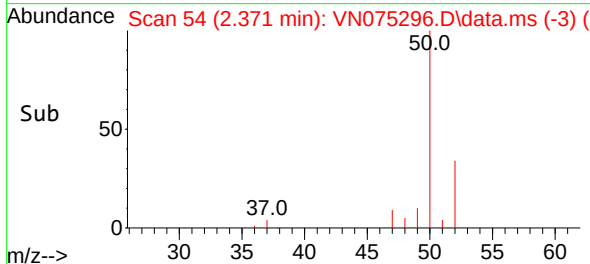
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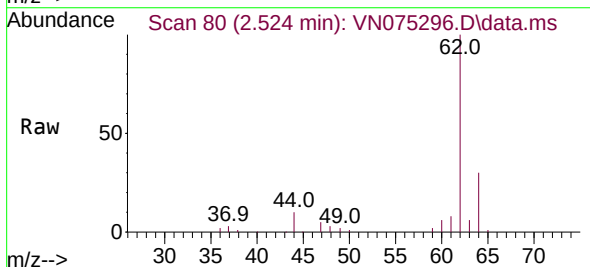
Tgt Ion: 50 Resp: 7588
Ion Ratio Lower Upper
50 100
52 34.0 25.8 38.6

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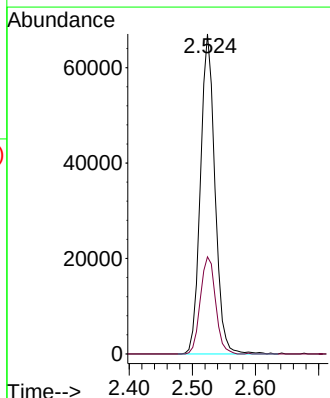
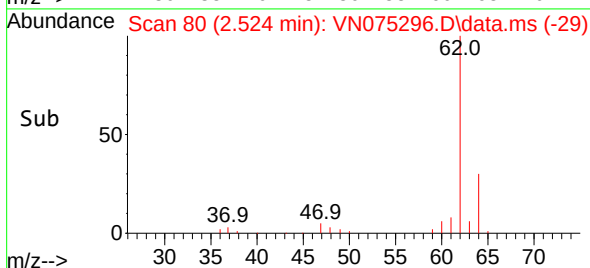
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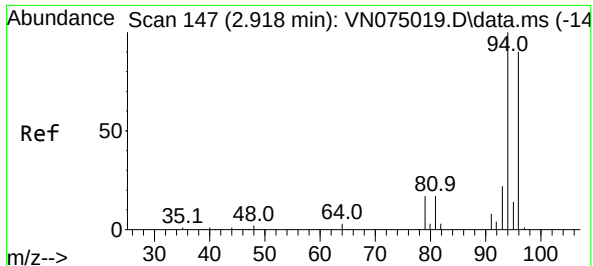


#4
Vinyl Chloride
Concen: 40.795 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075296.D
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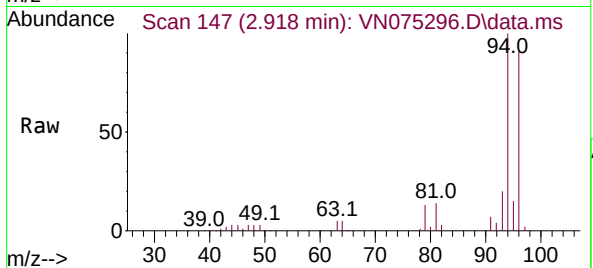
Tgt Ion: 62 Resp: 106939
Ion Ratio Lower Upper
62 100
64 30.3 24.0 36.0





#5
Bromomethane
Concen: 43.609 ug/l
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075296.D
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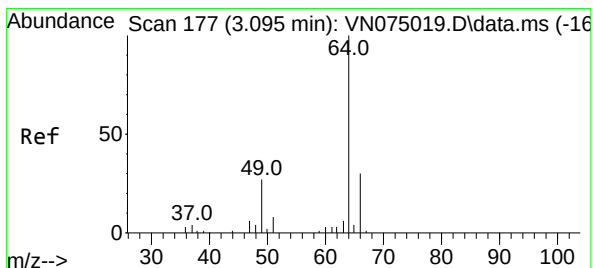
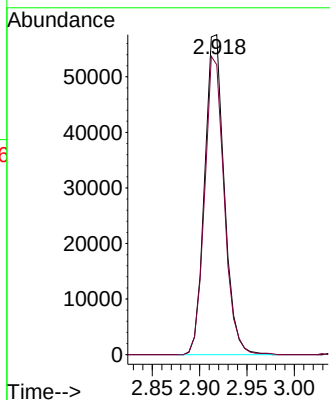
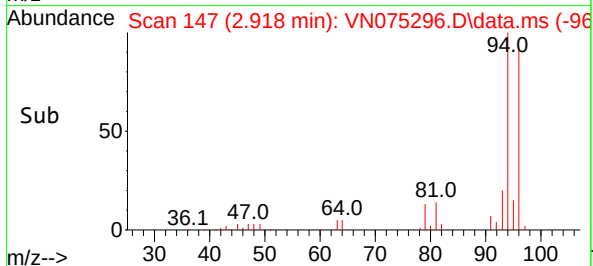
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 82996
Ion Ratio Lower Upper
94 100
96 90.6 71.8 107.6

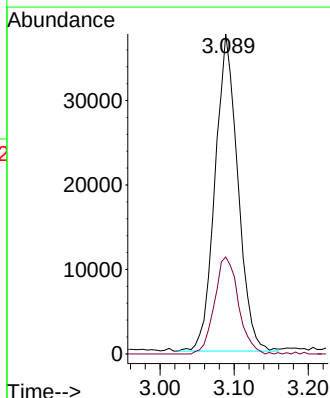
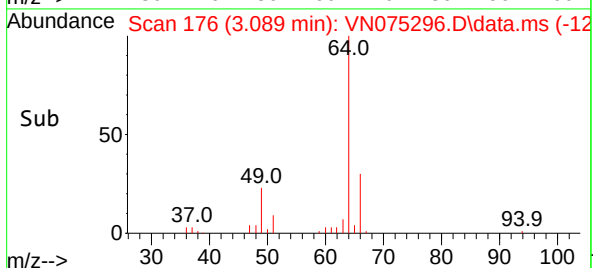
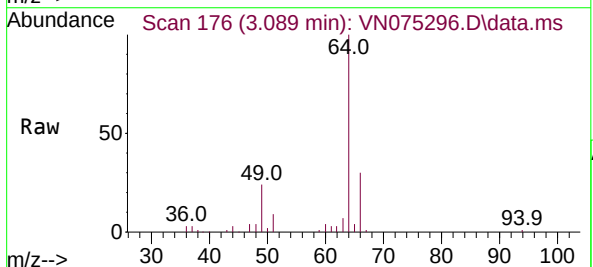
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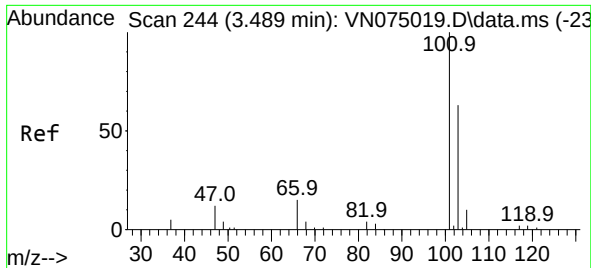
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#6
Chloroethane
Concen: 42.772 ug/l
RT: 3.089 min Scan# 176
Delta R.T. -0.006 min
Lab File: VN075296.D
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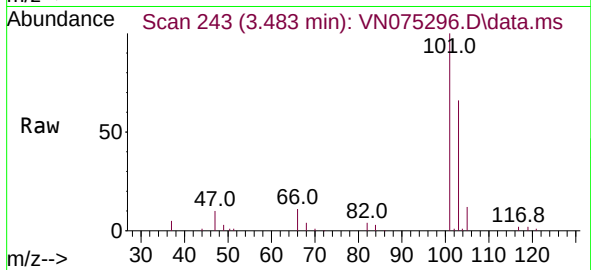
Tgt Ion: 64 Resp: 80400
Ion Ratio Lower Upper
64 100
66 30.5 23.8 35.8





#7
Trichlorofluoromethane
Concen: 52.285 ug/l
RT: 3.483 min Scan# 244
Delta R.T. -0.006 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

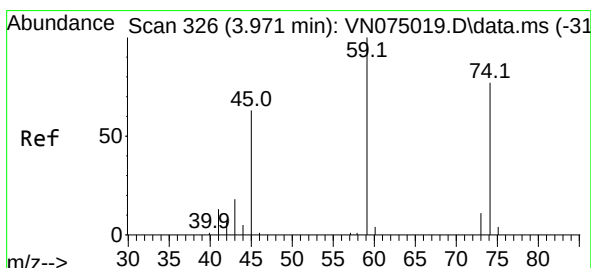
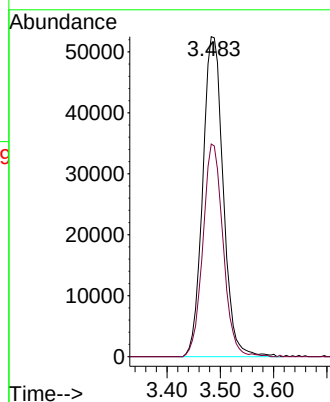
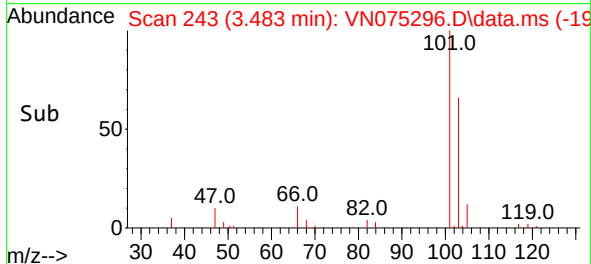
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MSVOA_N
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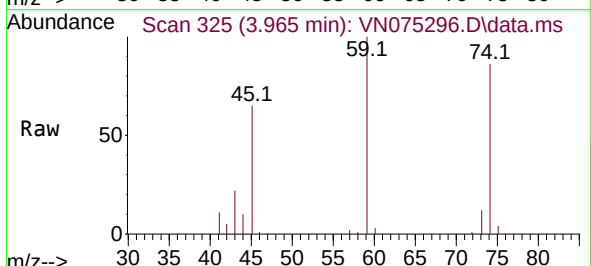
Tgt Ion:101 Resp: 140010
Ion Ratio Lower Upper
101 100
103 66.4 50.5 75.7

Manual Integrations
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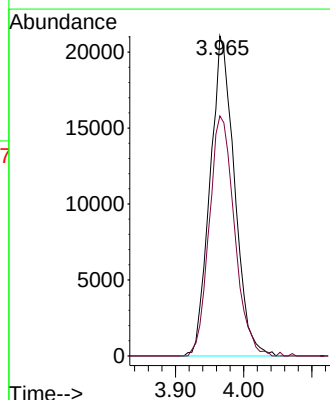
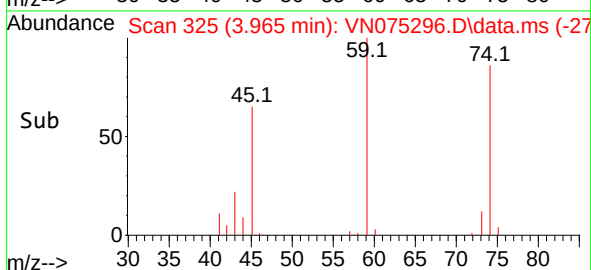
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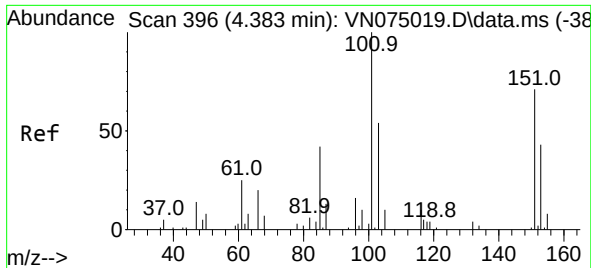


#8
Diethyl Ether
Concen: 53.576 ug/l
RT: 3.965 min Scan# 325
Delta R.T. -0.006 min
Lab File: VN075296.D
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Tgt Ion: 74 Resp: 52329
Ion Ratio Lower Upper
74 100
45 77.5 39.3 117.9





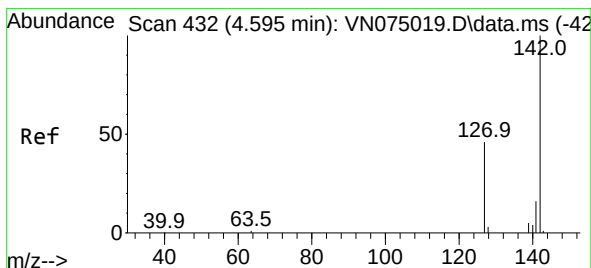
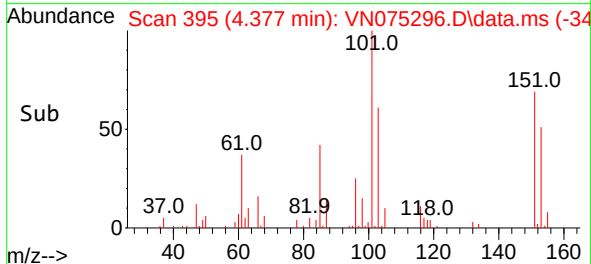
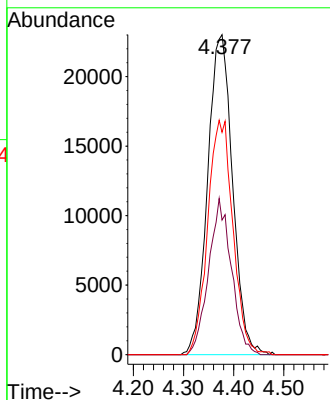
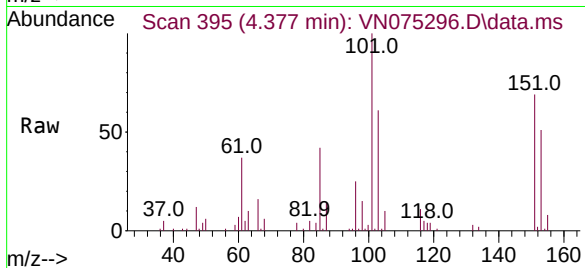
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.737 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 79469
Ion Ratio Lower Upper
101 100
85 44.7 37.6 56.4
151 74.3 58.3 87.5

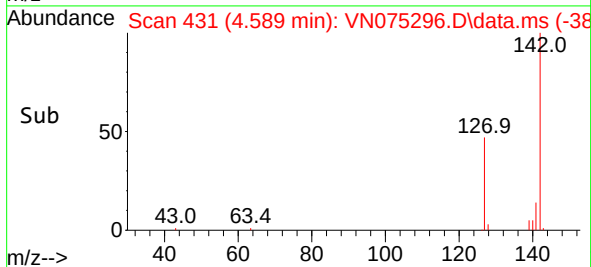
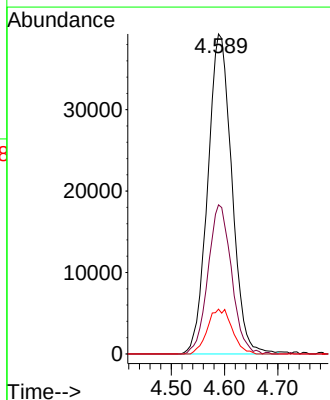
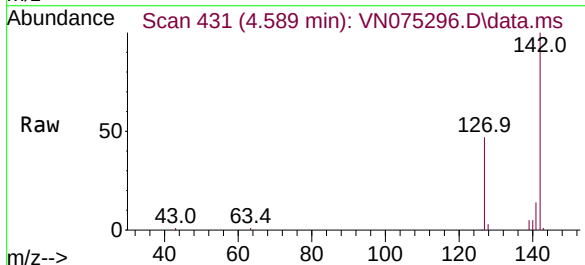
Manual Integrations
APPROVED

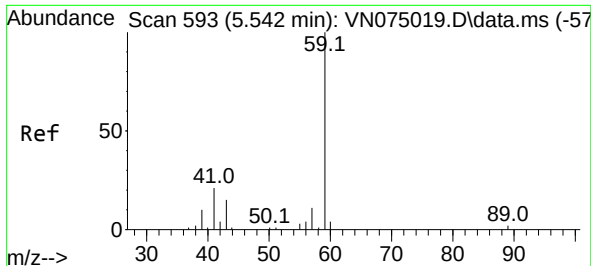
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#10
Methyl Iodide
Concen: 56.009 ug/l
RT: 4.589 min Scan# 431
Delta R.T. -0.006 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

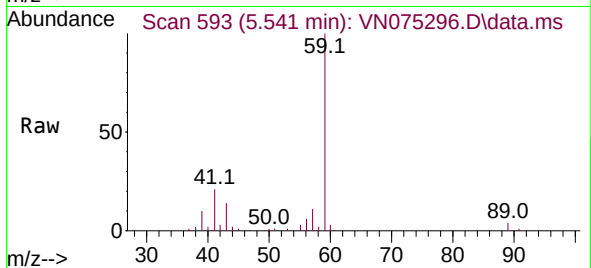
Tgt Ion:142 Resp: 123311
Ion Ratio Lower Upper
142 100
127 45.5 38.0 57.0
141 14.4 12.2 18.4





#11
Tert butyl alcohol
Concen: 231.031 ug/l
RT: 5.541 min Scan# 59
Delta R.T. -0.001 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

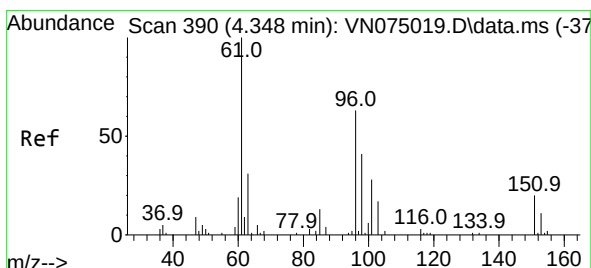
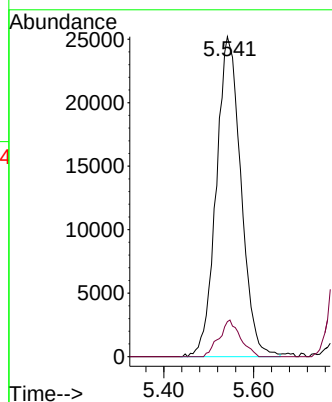
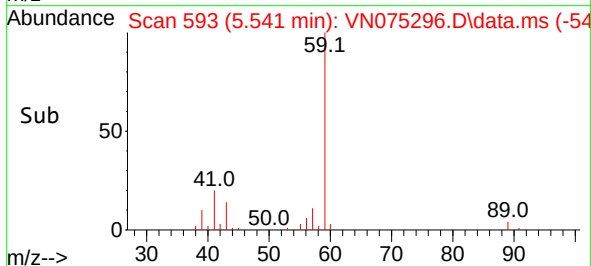
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



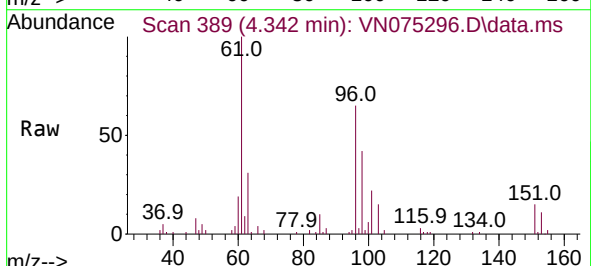
Tgt Ion: 59 Resp: 96536
Ion Ratio Lower Upper
59 100
57 9.8 8.5 12.7

Manual Integrations
APPROVED

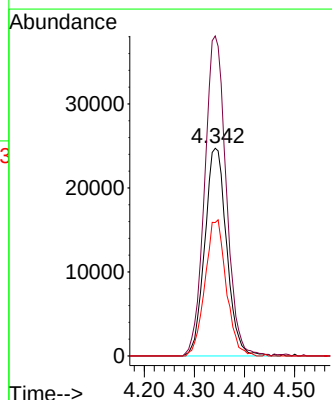
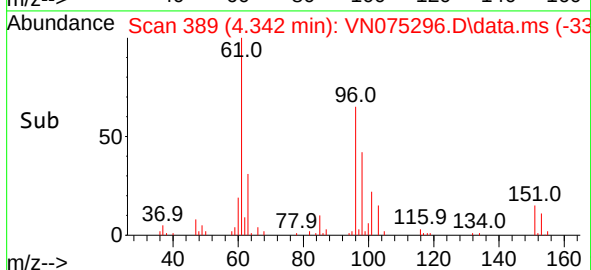
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

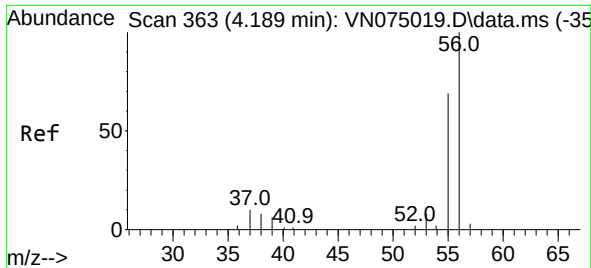


#12
1,1-Dichloroethene
Concen: 53.231 ug/l
RT: 4.342 min Scan# 389
Delta R.T. -0.006 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27



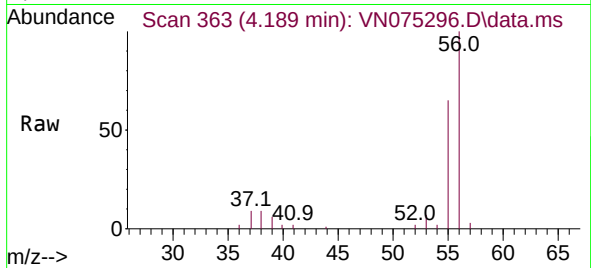
Tgt Ion: 96 Resp: 75036
Ion Ratio Lower Upper
96 100
61 154.1 126.2 189.4
98 64.2 51.5 77.3





#13
Acrolein
Concen: 184.559 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

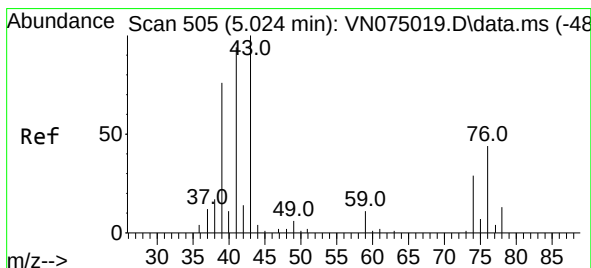
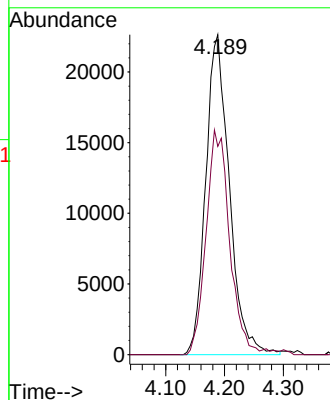
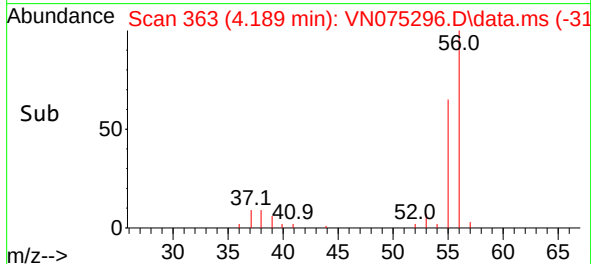
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



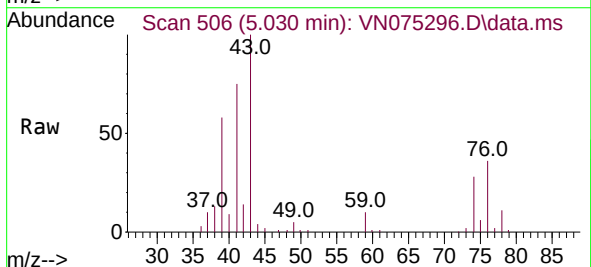
Tgt Ion: 56 Resp: 63078
Ion Ratio Lower Upper
56 100
55 69.9 55.2 82.8

Manual Integrations
APPROVED

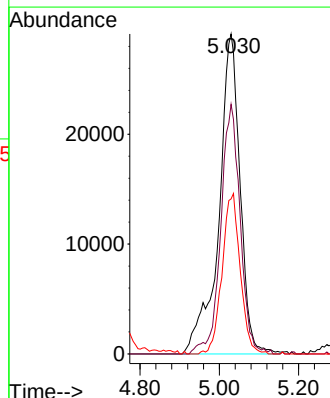
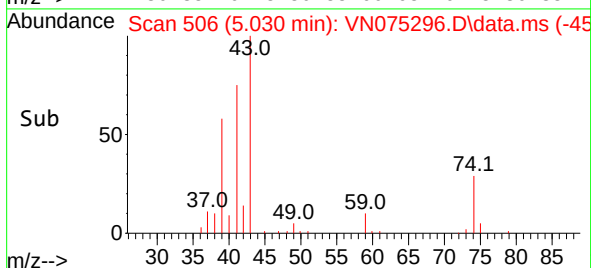
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

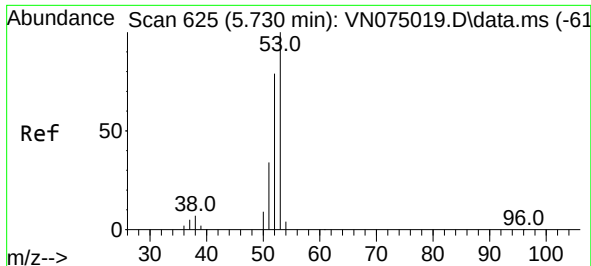


#14
Allyl chloride
Concen: 52.748 ug/l
RT: 5.030 min Scan# 506
Delta R.T. 0.006 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27



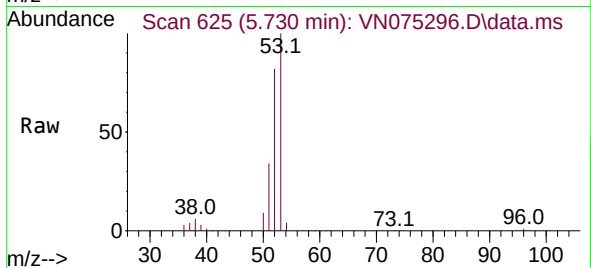
Tgt Ion: 41 Resp: 108598
Ion Ratio Lower Upper
41 100
39 70.9 61.0 91.4
76 42.6 33.4 50.0





#15
Acrylonitrile
Concen: 258.138 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

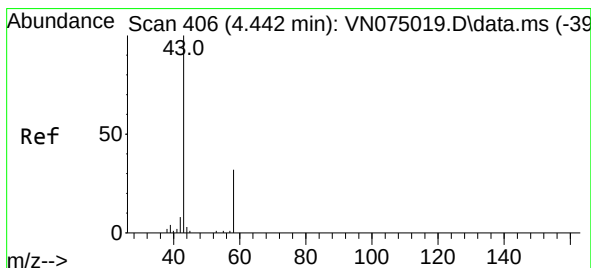
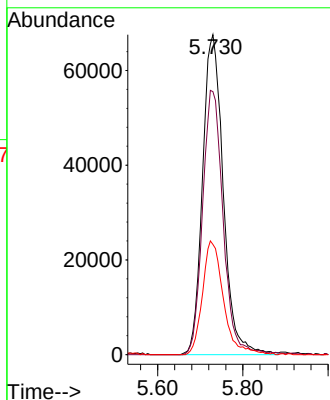
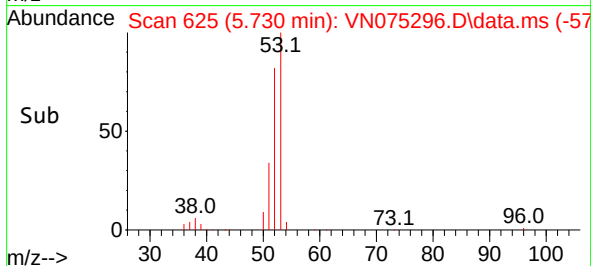
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



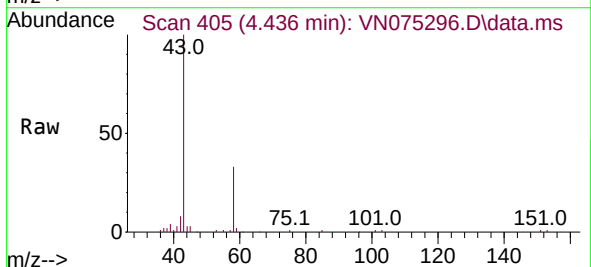
Tgt Ion: 53 Resp: 227852
Ion Ratio Lower Upper
53 100
52 81.6 66.4 99.6
51 36.0 29.6 44.4

Manual Integrations
APPROVED

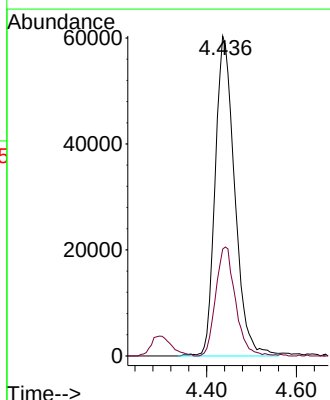
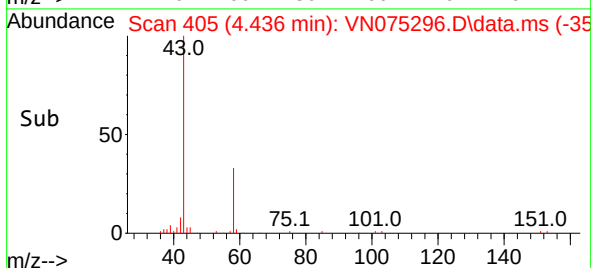
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

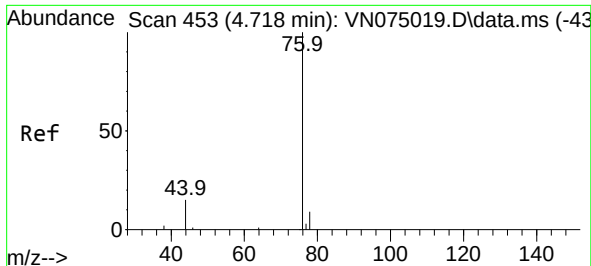


#16
Acetone
Concen: 240.781 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27



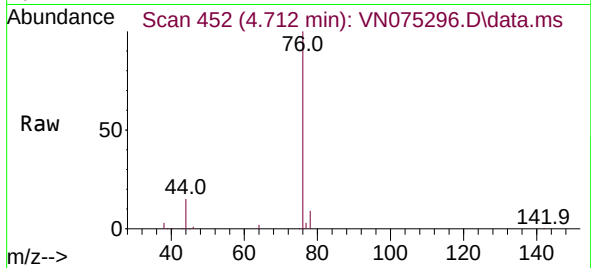
Tgt Ion: 43 Resp: 182676
Ion Ratio Lower Upper
43 100
58 33.1 25.5 38.3





#17
Carbon Disulfide
Concen: 48.991 ug/l
RT: 4.712 min Scan# 453
Delta R.T. -0.006 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

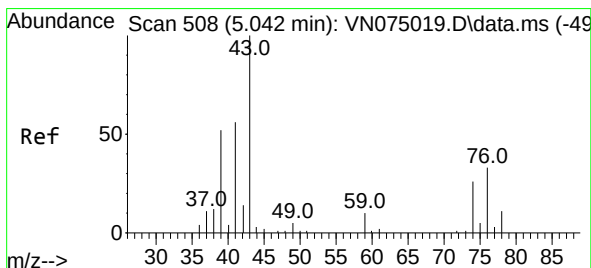
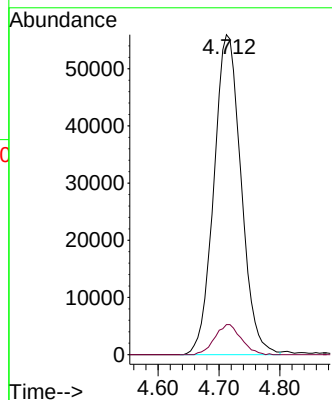
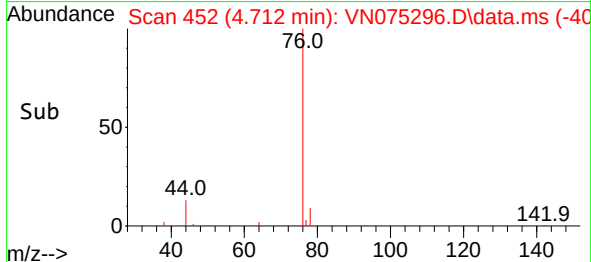
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 173668
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

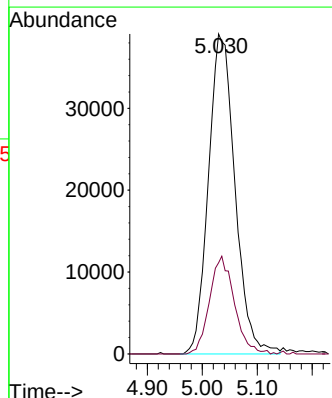
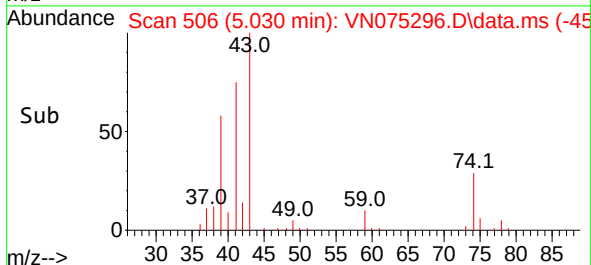
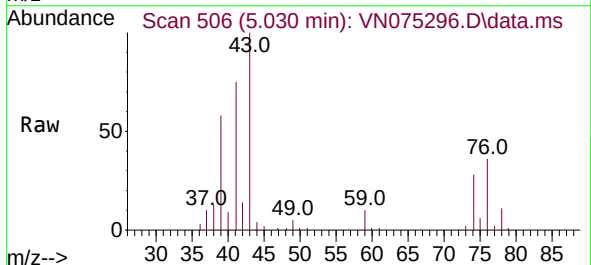
Manual Integrations
APPROVED

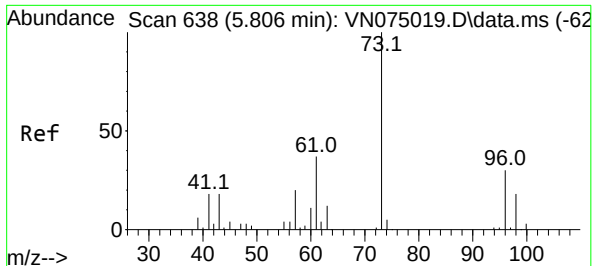
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#18
Methyl Acetate
Concen: 52.832 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.012 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

Tgt Ion: 43 Resp: 130928
Ion Ratio Lower Upper
43 100
74 28.5 22.0 33.0





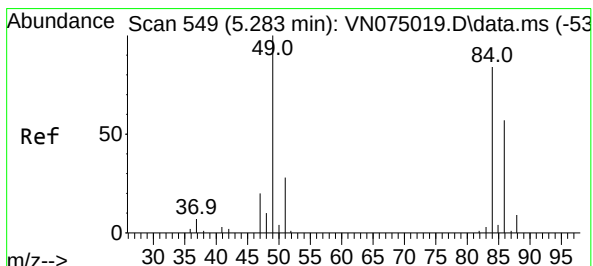
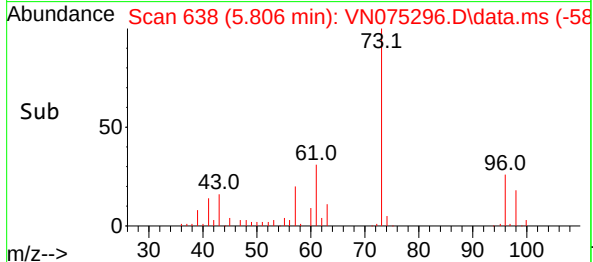
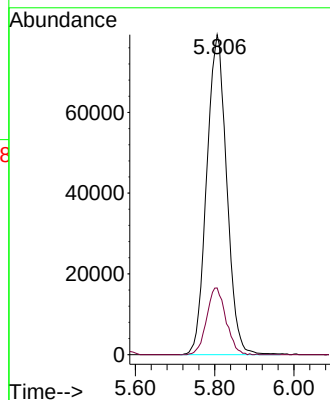
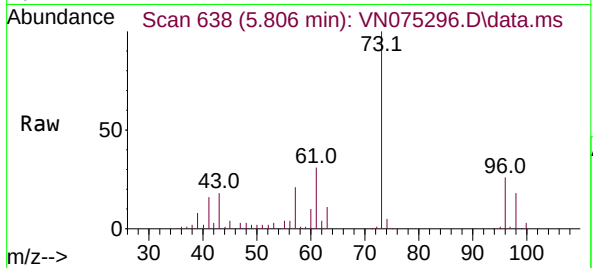
#19
Methyl tert-butyl Ether
Concen: 52.894 ug/l
RT: 5.806 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 277125
Ion Ratio Lower Upper
73 100
57 20.8 16.3 24.5

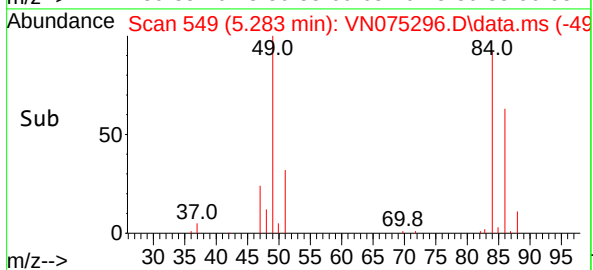
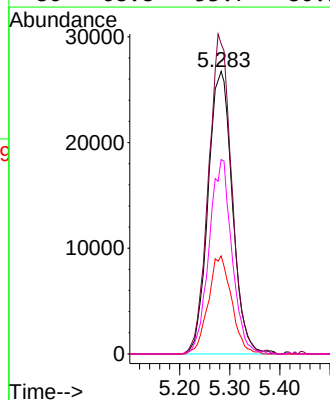
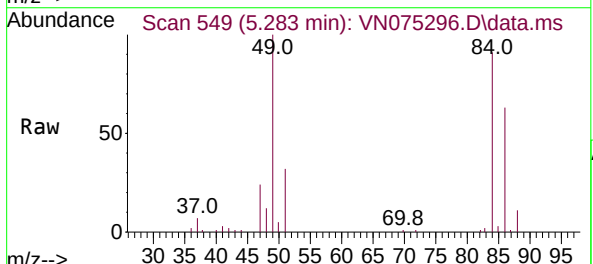
Manual Integrations
APPROVED

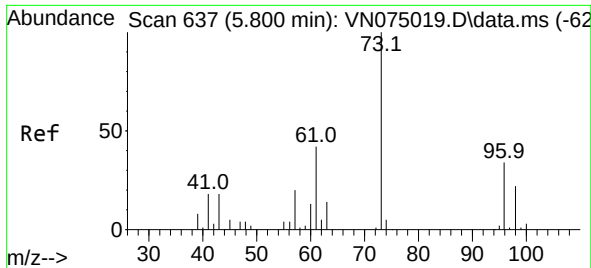
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#20
Methylene Chloride
Concen: 53.191 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

Tgt Ion: 84 Resp: 89978
Ion Ratio Lower Upper
84 100
49 109.8 94.9 142.3
51 34.7 26.8 40.2
86 68.8 53.7 80.5





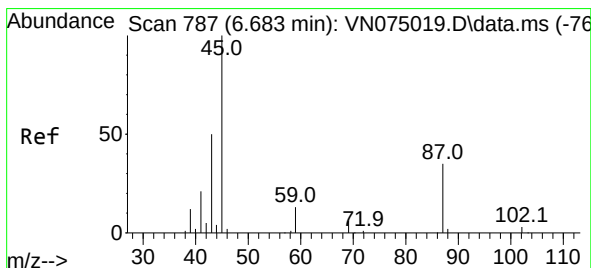
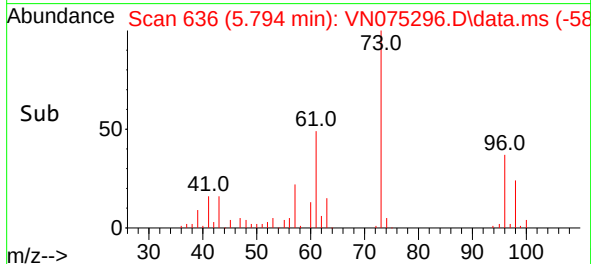
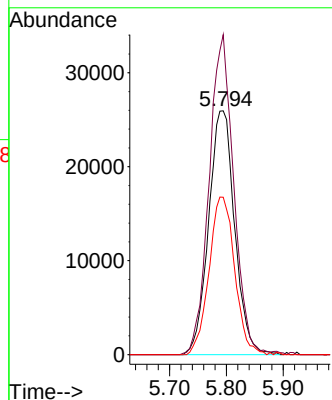
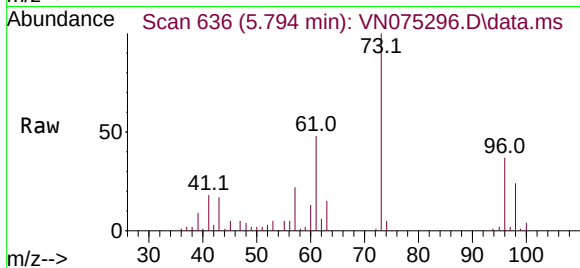
#21
trans-1,2-Dichloroethene
Concen: 53.550 ug/l
RT: 5.794 min Scan# 637
Delta R.T. -0.006 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 82650
Ion Ratio Lower Upper
96 100
61 131.3 99.9 149.9
98 64.6 51.5 77.3

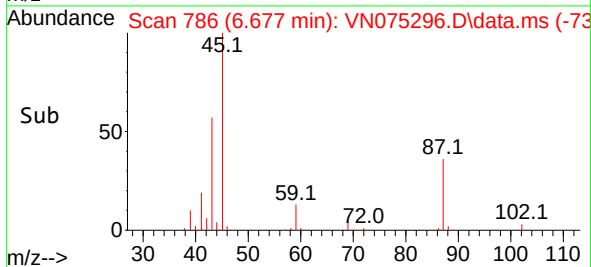
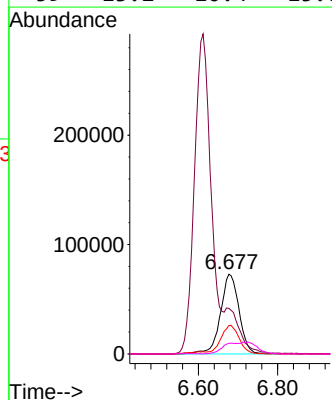
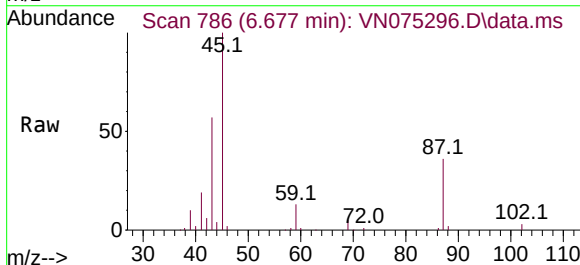
Manual Integrations
APPROVED

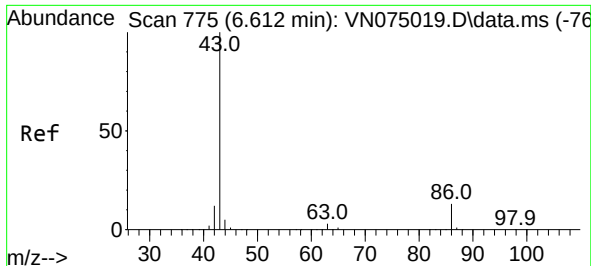
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#22
Diisopropyl ether
Concen: 52.056 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

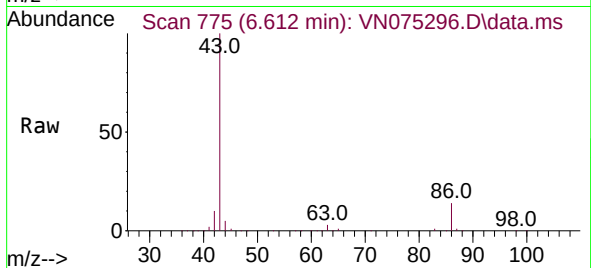
Tgt Ion: 45 Resp: 236513
Ion Ratio Lower Upper
45 100
43 56.2 42.8 64.2
87 35.5 28.4 42.6
59 13.2 10.4 15.6





#23
 Vinyl Acetate
 Concen: 253.512 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075296.D
 Acq: 16 Nov 2022 18:27

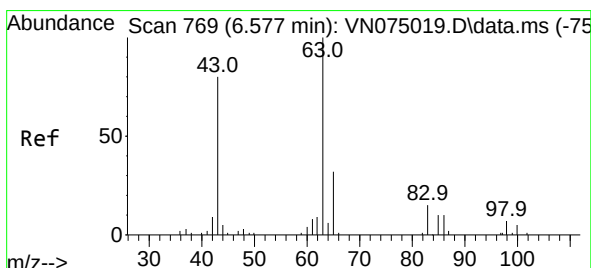
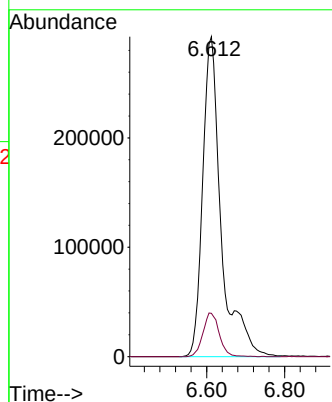
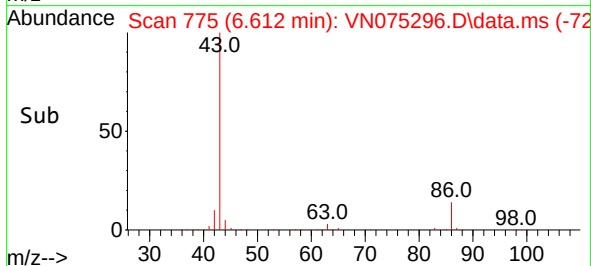
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



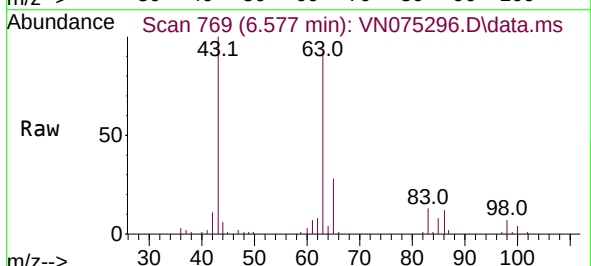
Tgt Ion: 43 Resp: 96182
 Ion Ratio Lower Upper
 43 100
 86 13.5 10.7 16.1

Manual Integrations
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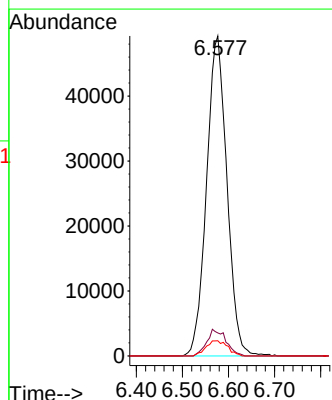
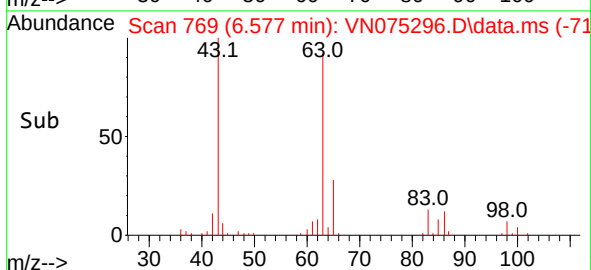
Reviewed By :John Carlone 11/17/2022
 Supervised By :Mahesh Dadoda 11/17/2022

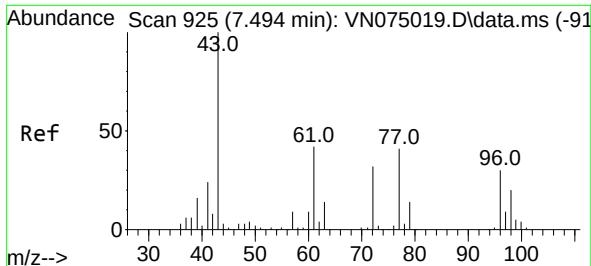


#24
 1,1-Dichloroethane
 Concen: 52.511 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075296.D
 Acq: 16 Nov 2022 18:27



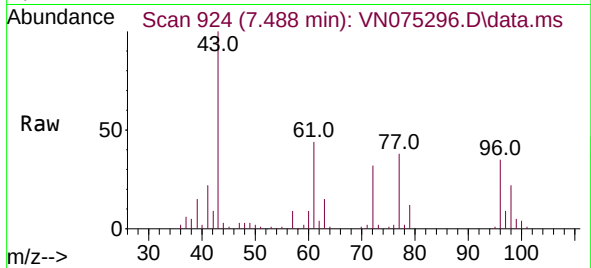
Tgt Ion: 63 Resp: 150891
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.7 2.4 7.2





#25
2-Butanone
Concen: 246.838 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

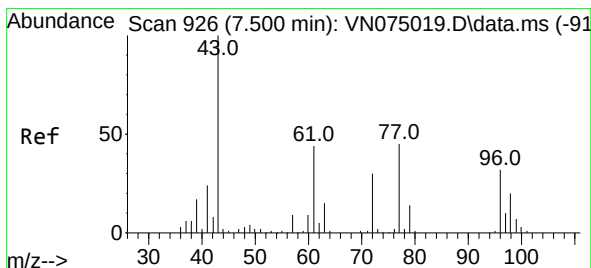
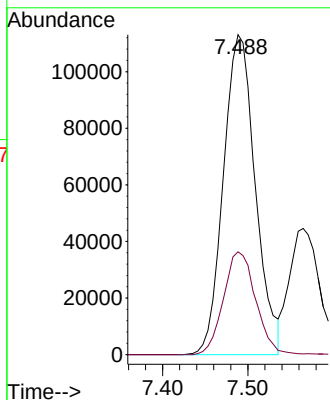
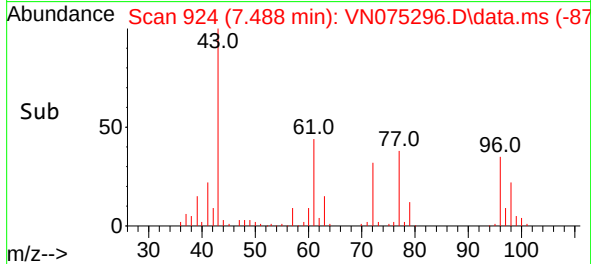
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



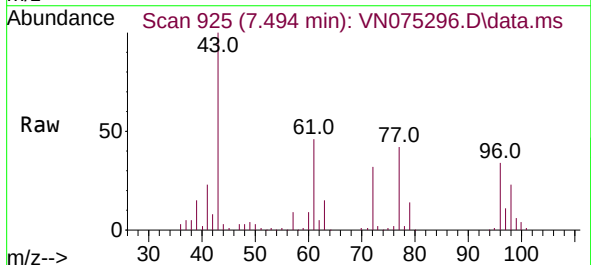
Tgt Ion: 43 Resp: 294560
Ion Ratio Lower Upper
43 100
72 32.1 25.5 38.3

Manual Integrations
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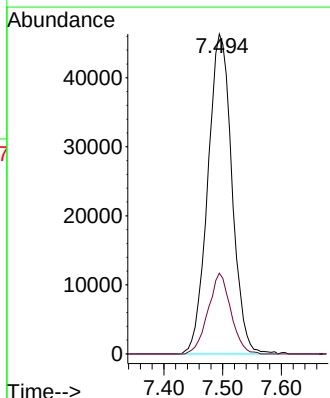
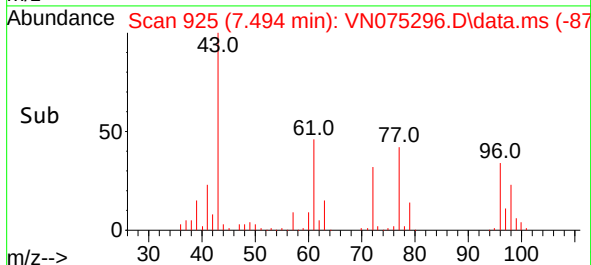
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

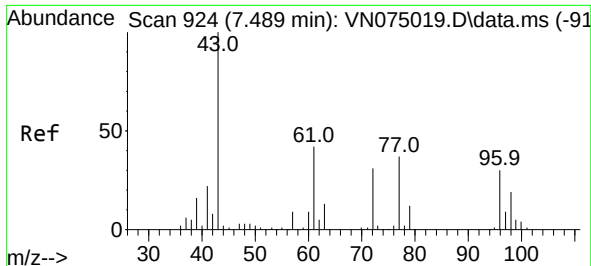


#26
2,2-Dichloropropane
Concen: 49.993 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.006 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27



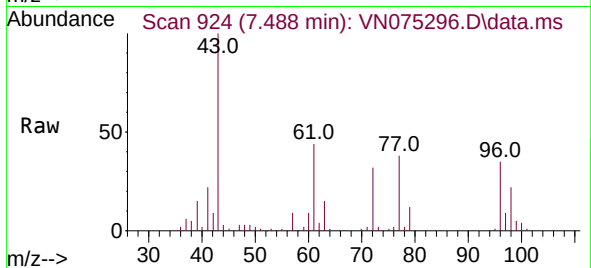
Tgt Ion: 77 Resp: 132154
Ion Ratio Lower Upper
77 100
97 23.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 55.982 ug/l
 RT: 7.488 min Scan# 91
 Delta R.T. -0.001 min
 Lab File: VN075296.D
 Acq: 16 Nov 2022 18:27

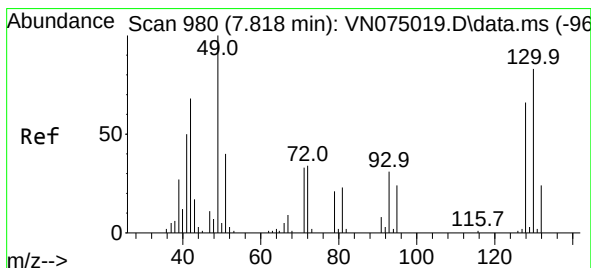
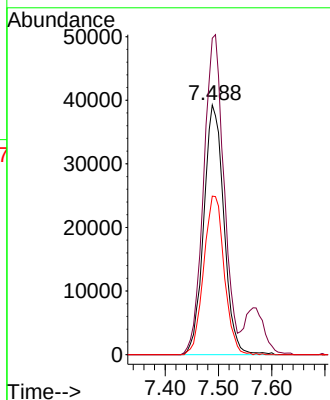
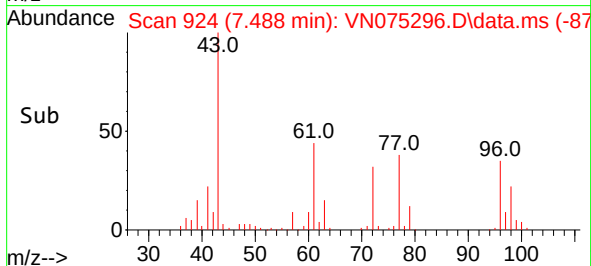
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 103184
 Ion Ratio Lower Upper
 96 100
 61 129.6 0.0 278.8
 98 64.6 0.0 128.4

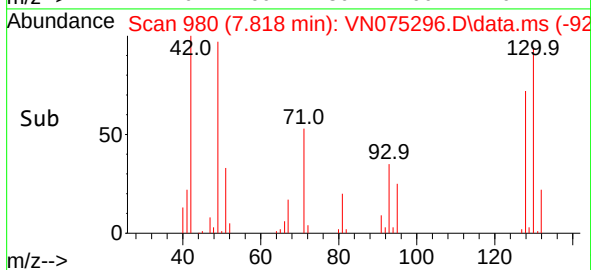
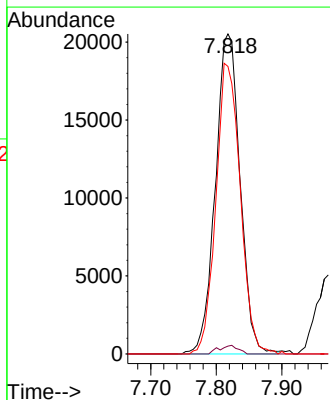
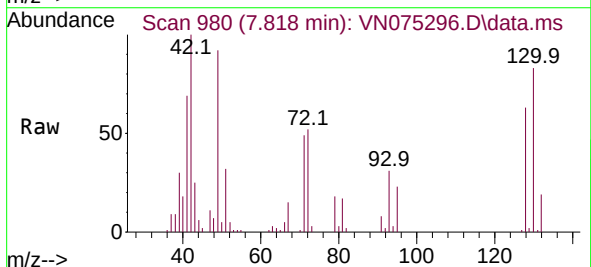
Manual Integrations
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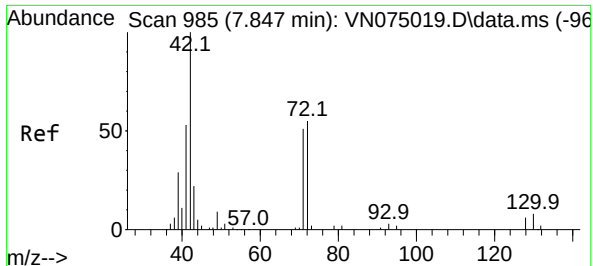
Reviewed By :John Carlone 11/17/2022
 Supervised By :Mahesh Dadoda 11/17/2022



#28
 Bromochloromethane
 Concen: 44.469 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075296.D
 Acq: 16 Nov 2022 18:27

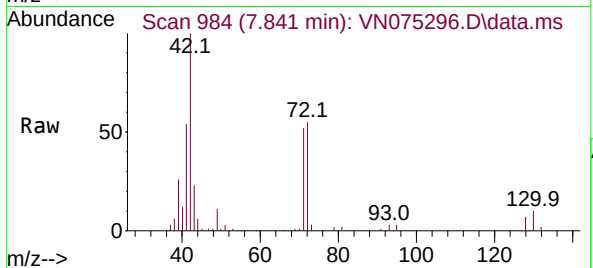
Tgt Ion: 49 Resp: 53866
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 89.5 66.2 99.4





#29
Tetrahydrofuran
Concen: 250.916 ug/l
RT: 7.841 min Scan# 985
Delta R.T. -0.006 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

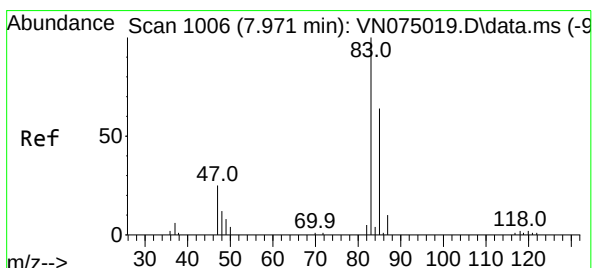
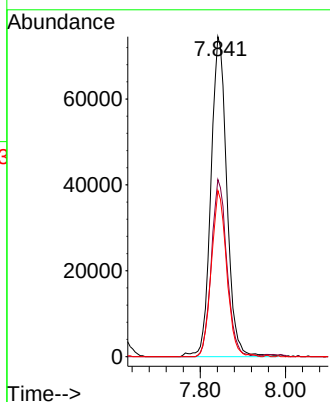
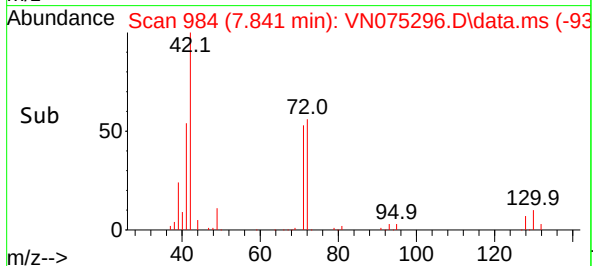
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



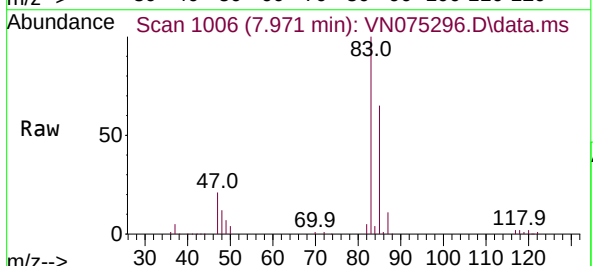
Tgt Ion: 42 Resp: 193486
Ion Ratio Lower Upper
42 100
72 53.9 43.0 64.6
71 49.6 39.9 59.9

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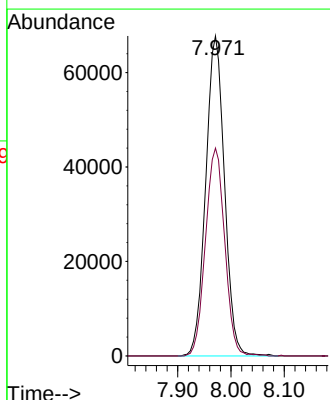
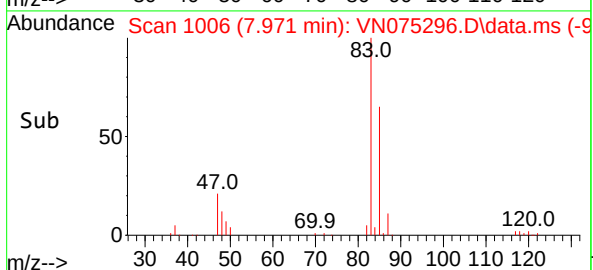
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

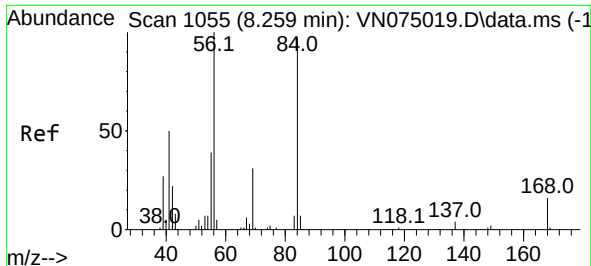


#30
Chloroform
Concen: 53.189 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27



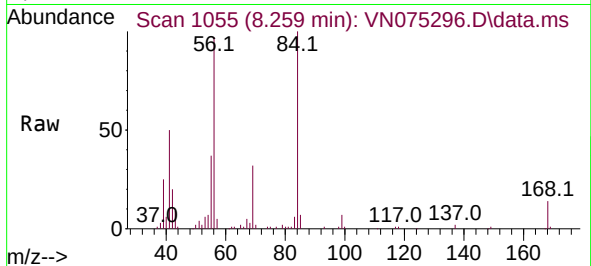
Tgt Ion: 83 Resp: 165942
Ion Ratio Lower Upper
83 100
85 64.9 51.4 77.0





#31
Cyclohexane
Concen: 48.108 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

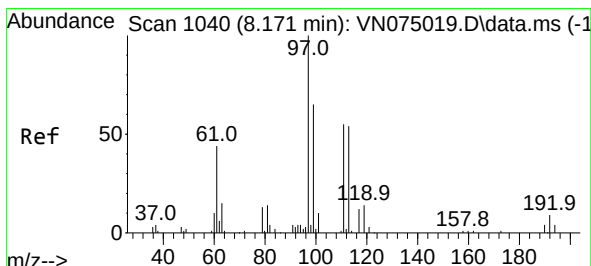
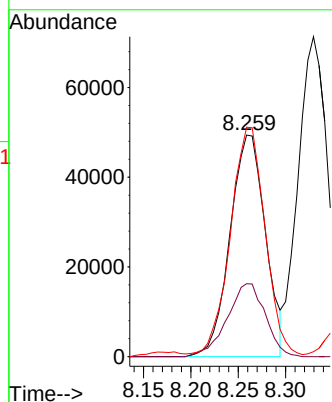
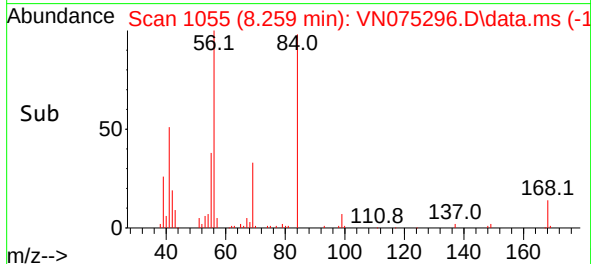
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



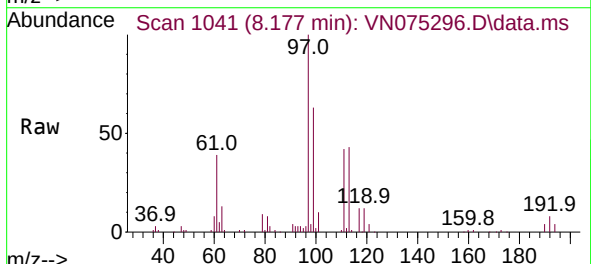
Tgt Ion: 56 Resp: 128203
Ion Ratio Lower Upper
56 100
69 32.9 25.2 37.8
84 102.2 77.8 116.8

Manual Integrations
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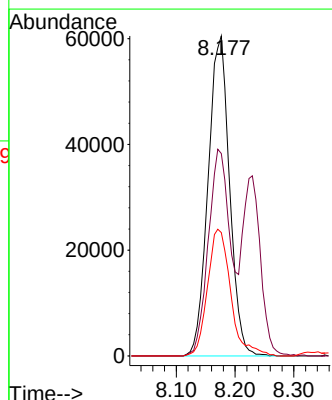
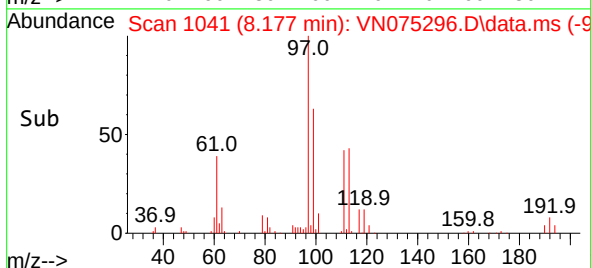
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

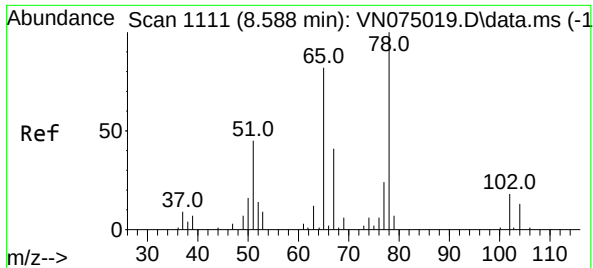


#32
1,1,1-Trichloroethane
Concen: 54.107 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27



Tgt Ion: 97 Resp: 153295
Ion Ratio Lower Upper
97 100
99 67.5 50.2 75.2
61 42.7 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 40.359 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075296.D

Acq: 16 Nov 2022 18:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 72314

Ion Ratio Lower Upper

65 100

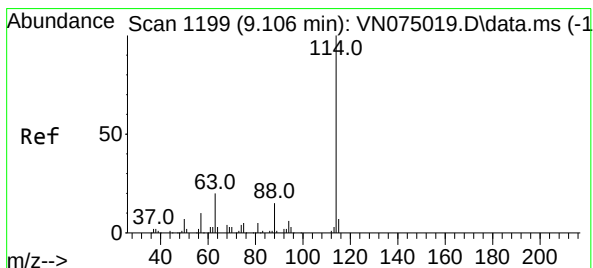
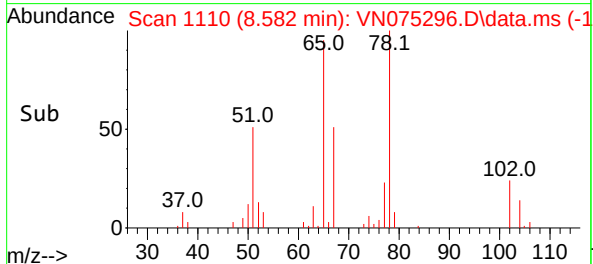
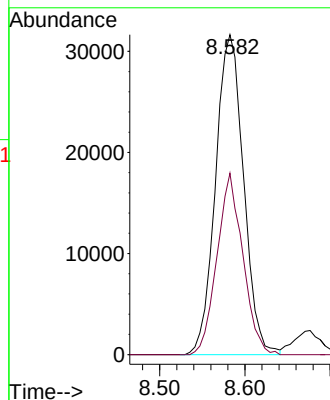
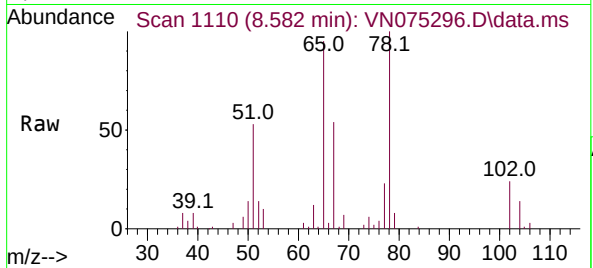
67 52.2 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN075296.D

Acq: 16 Nov 2022 18:27

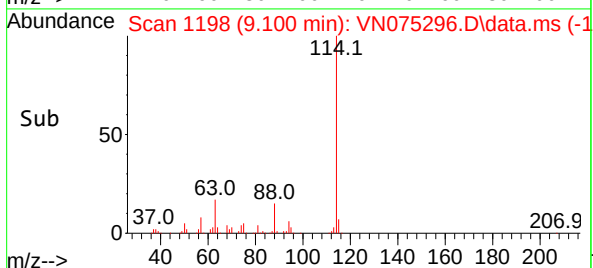
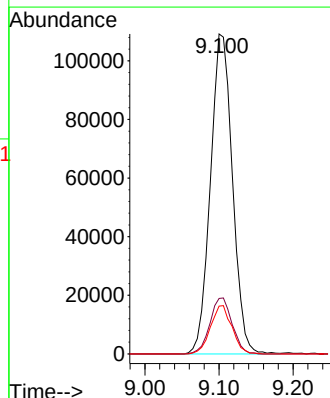
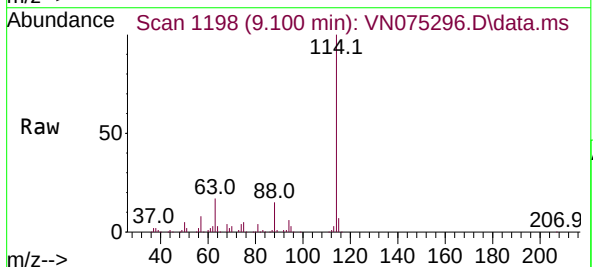
Tgt Ion:114 Resp: 225262

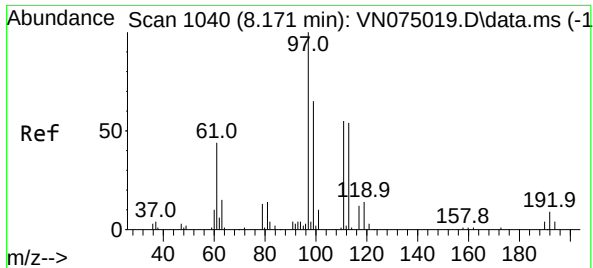
Ion Ratio Lower Upper

114 100

63 17.3 0.0 39.6

88 14.9 0.0 29.0





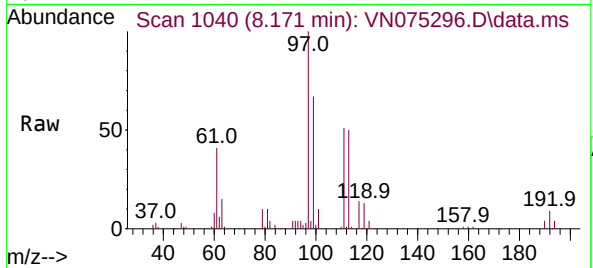
#35
Dibromofluoromethane
Concen: 51.078 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



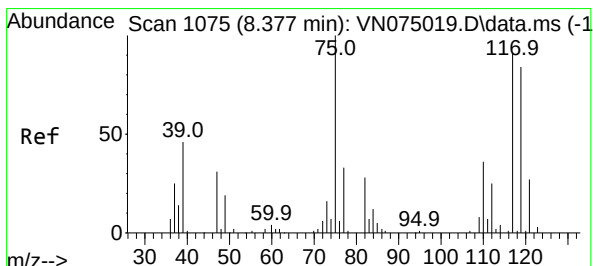
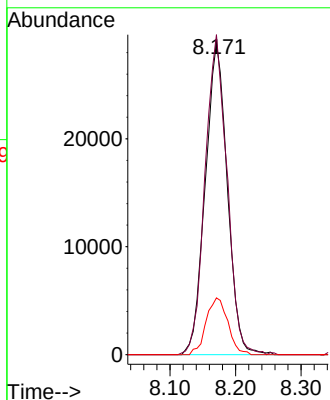
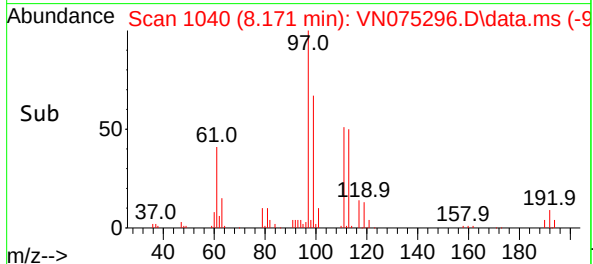
Tgt Ion: 113 Resp: 67545
Ion Ratio Lower Upper
113 100
111 101.8 80.5 120.7
192 17.9 13.2 19.8

Manual Integrations

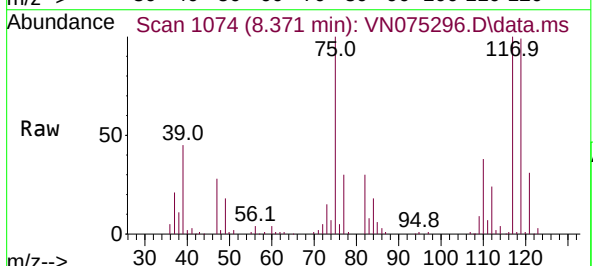
APPROVED

Reviewed By :John Carlone 11/17/2022

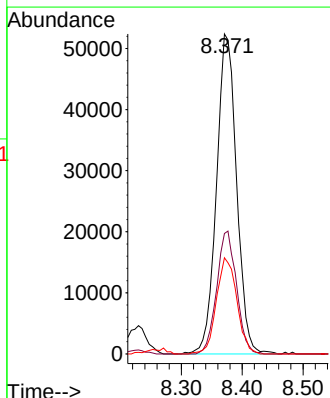
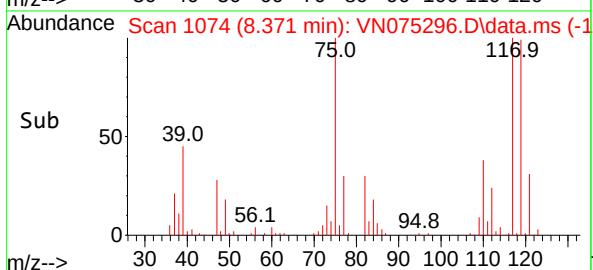
Supervised By :Mahesh Dadoda 11/17/2022

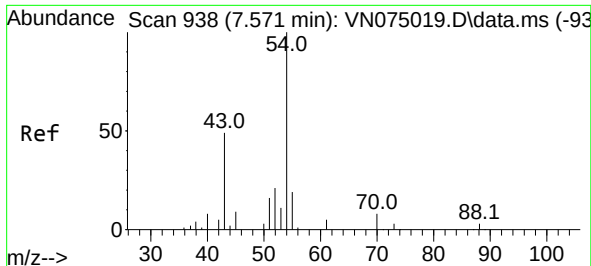


#36
1,1-Dichloropropene
Concen: 58.776 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. -0.006 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27



Tgt Ion: 75 Resp: 120333
Ion Ratio Lower Upper
75 100
110 37.6 17.8 53.3
77 30.5 24.6 37.0





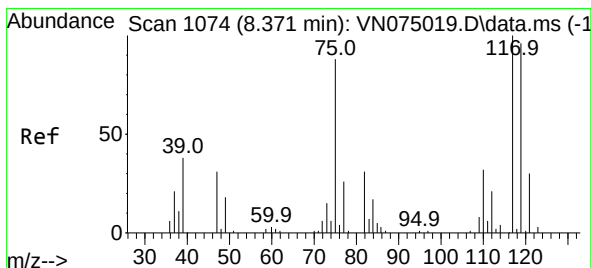
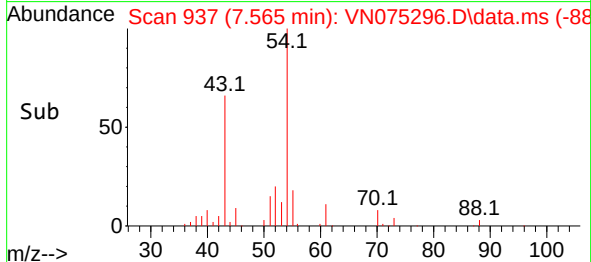
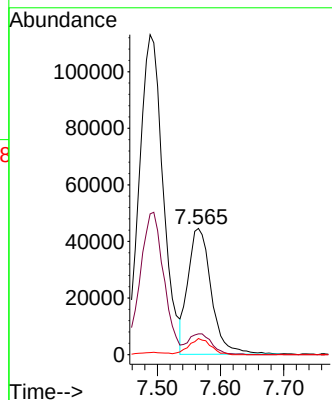
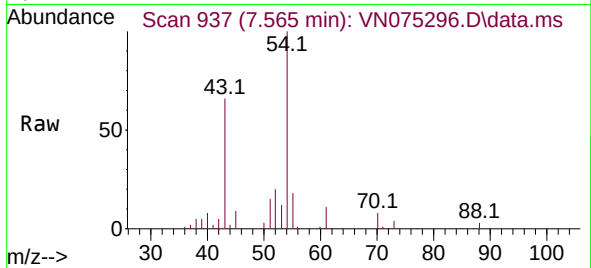
#37
Ethyl Acetate
Concen: 50.864 ug/l
RT: 7.565 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 114203
Ion Ratio Lower Upper
43 100
61 16.1 12.2 18.4
70 11.8 9.4 14.2

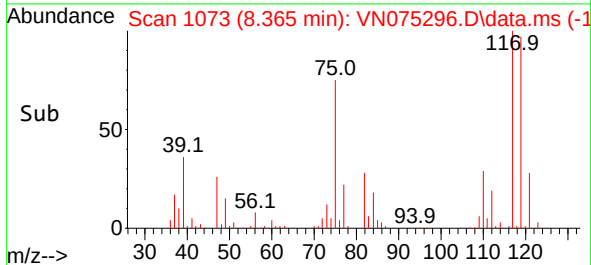
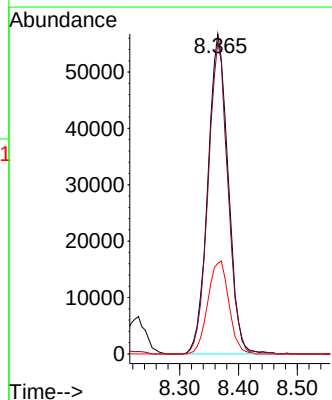
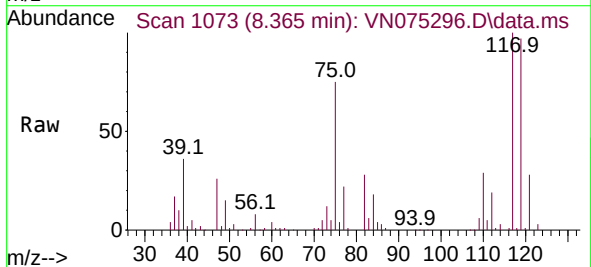
Manual Integrations
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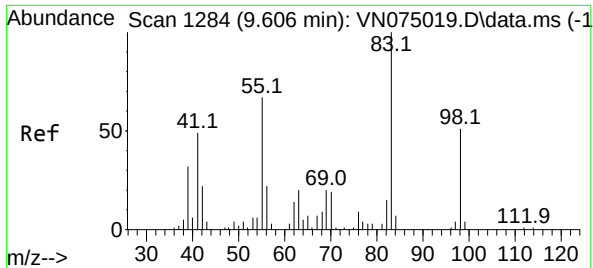
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#38
Carbon Tetrachloride
Concen: 60.462 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

Tgt Ion:117 Resp: 136163
Ion Ratio Lower Upper
117 100
119 97.4 76.7 115.1
121 28.3 23.9 35.9





#39
Methylcyclohexane
Concen: 56.797 ug/l
RT: 9.600 min Scan# 11283
Delta R.T. -0.006 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

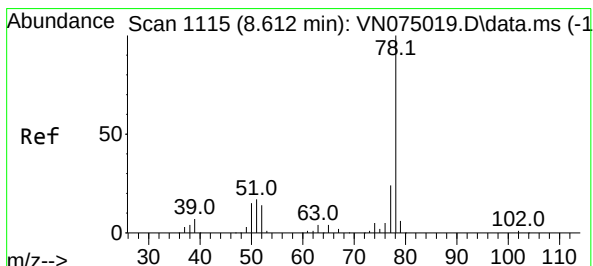
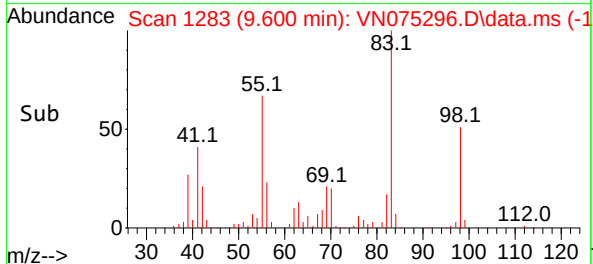
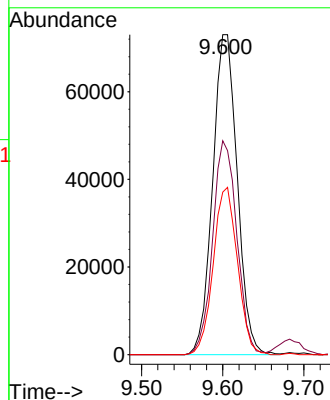
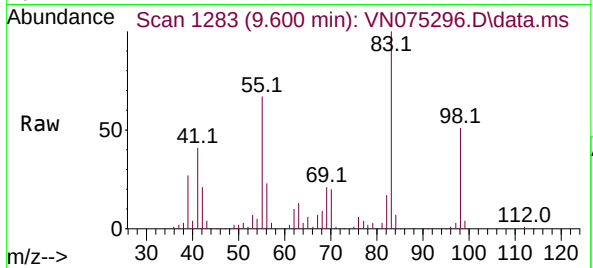
Tgt Ion: 83 Resp: 153510
Ion Ratio Lower Upper
83 100
55 66.8 53.6 80.4
98 50.8 41.1 61.7

Manual Integrations

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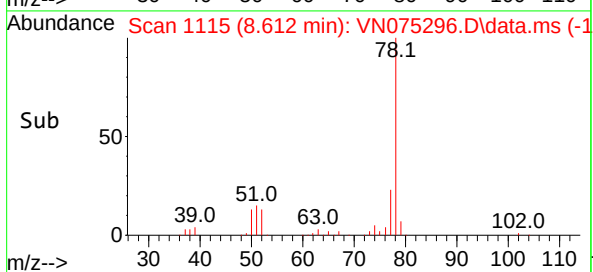
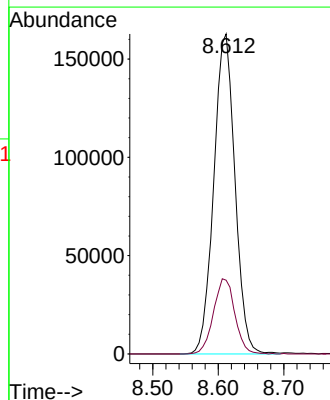
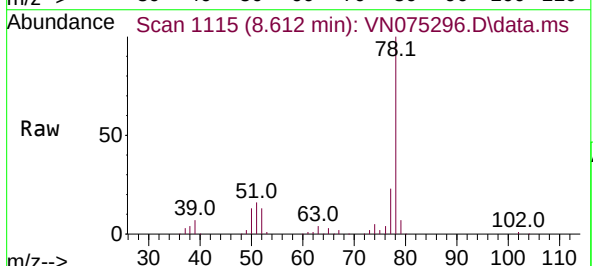
Reviewed By :John Carlone 11/17/2022

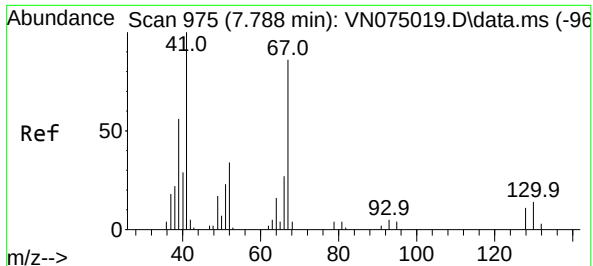
Supervised By :Mahesh Dadoda 11/17/2022



#40
Benzene
Concen: 58.457 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

Tgt Ion: 78 Resp: 366442
Ion Ratio Lower Upper
78 100
77 23.0 19.4 29.0





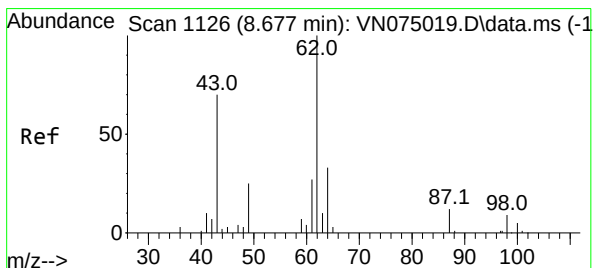
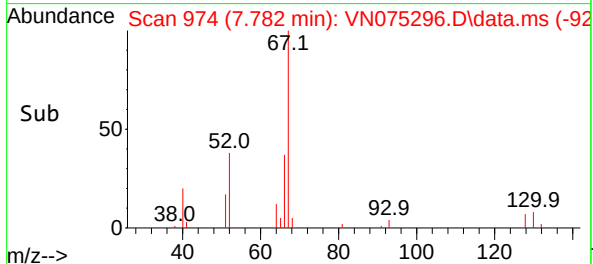
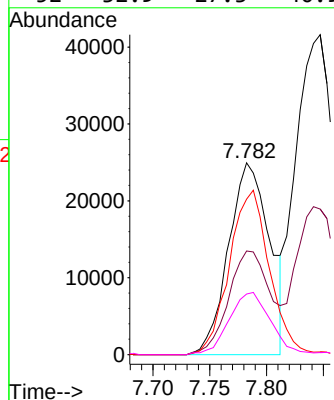
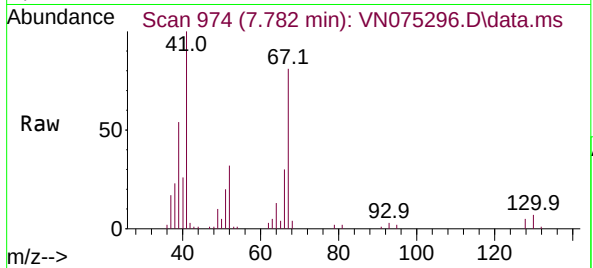
#41
Methacrylonitrile
Concen: 58.427 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 62850
Ion Ratio Lower Upper
41 100
39 54.4 44.4 66.6
67 83.7 69.8 104.6
52 32.9 27.3 40.9

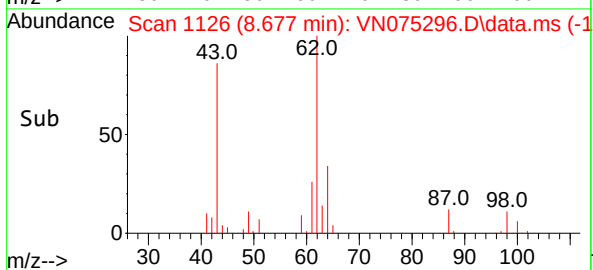
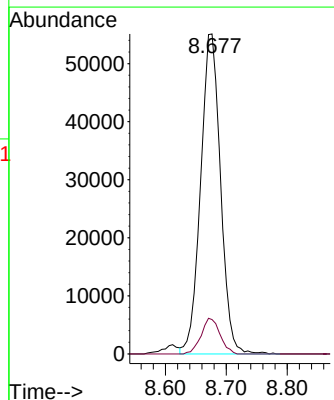
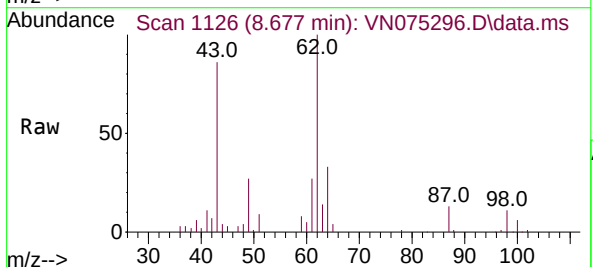
Manual Integrations
APPROVED

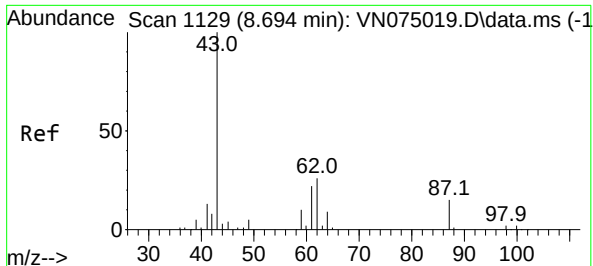
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#42
1,2-Dichloroethane
Concen: 54.841 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

Tgt Ion: 62 Resp: 125072
Ion Ratio Lower Upper
62 100
98 10.5 0.0 18.2





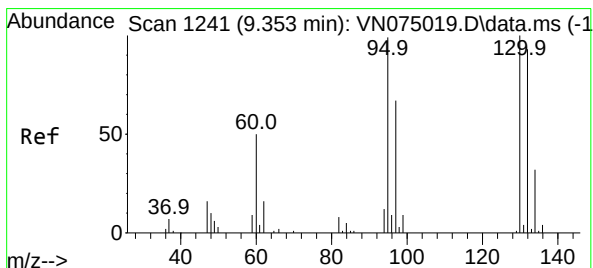
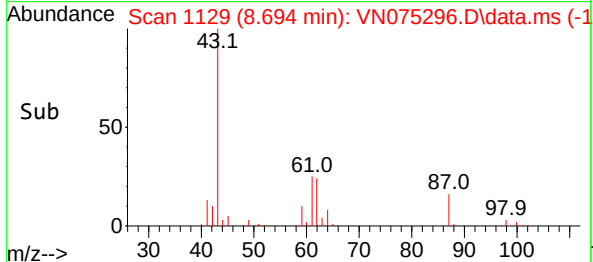
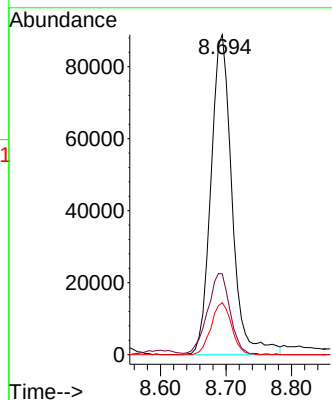
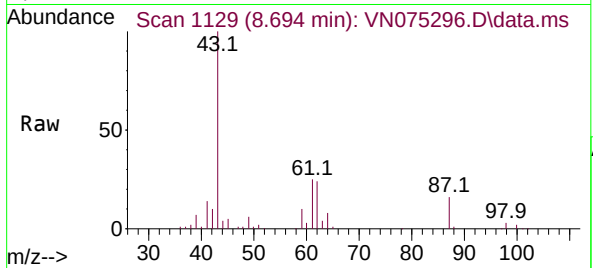
#43
Isopropyl Acetate
Concen: 57.044 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 198666
Ion Ratio Lower Upper
43 100
61 27.2 22.4 33.6
87 15.7 12.5 18.7

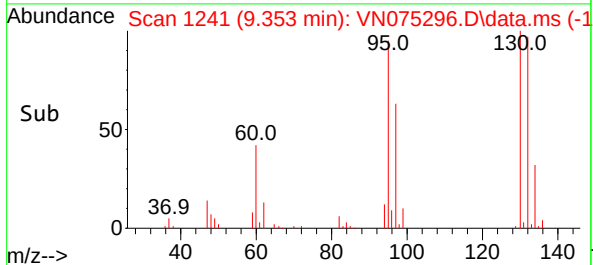
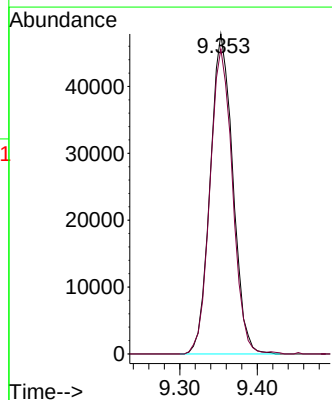
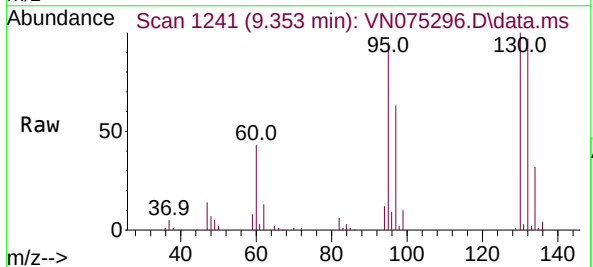
Manual Integrations
APPROVED

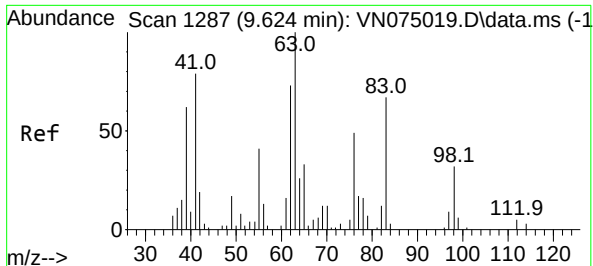
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#44
Trichloroethene
Concen: 61.660 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

Tgt Ion:130 Resp: 96973
Ion Ratio Lower Upper
130 100
95 95.3 0.0 198.4





#45

1,2-Dichloropropane

Concen: 60.459 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075296.D

Acq: 16 Nov 2022 18:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

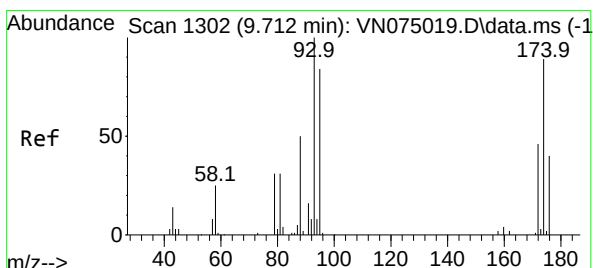
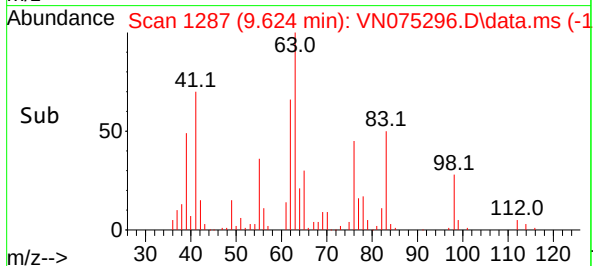
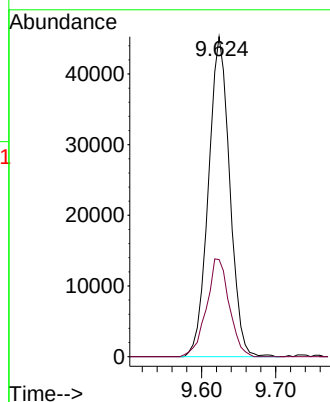
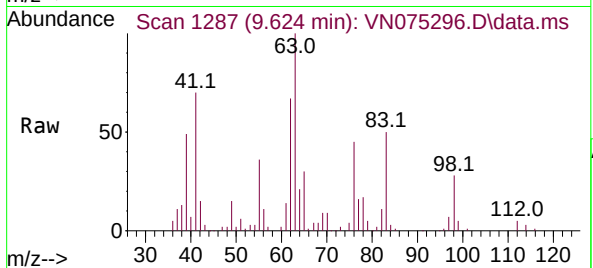
Tgt Ion: 63 Resp: 90192
 Ion Ratio Lower Upper
 63 100
 65 30.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#46

Dibromomethane

Concen: 57.142 ug/l

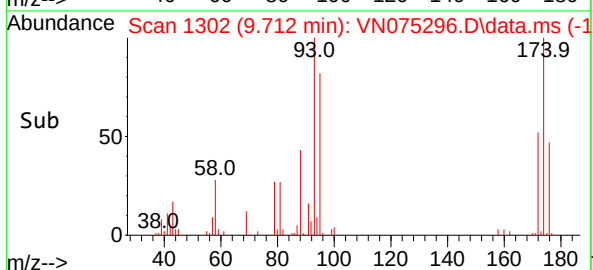
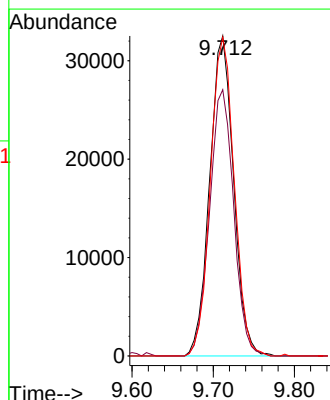
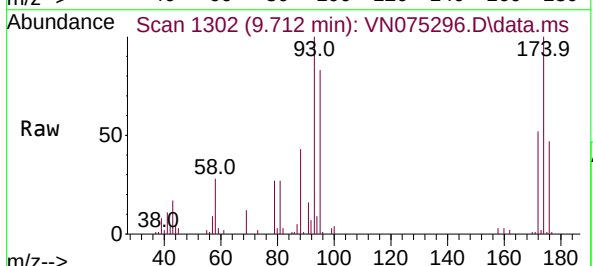
RT: 9.712 min Scan# 1302

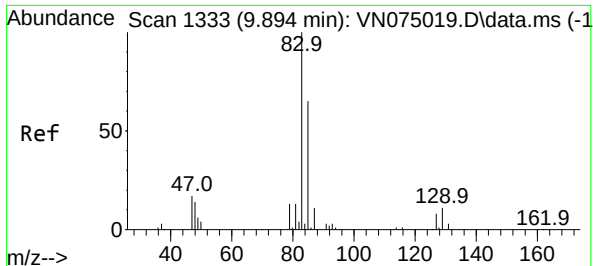
Delta R.T. -0.000 min

Lab File: VN075296.D

Acq: 16 Nov 2022 18:27

Tgt Ion: 93 Resp: 66413
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.6 99.8
 174 99.1 70.3 105.5





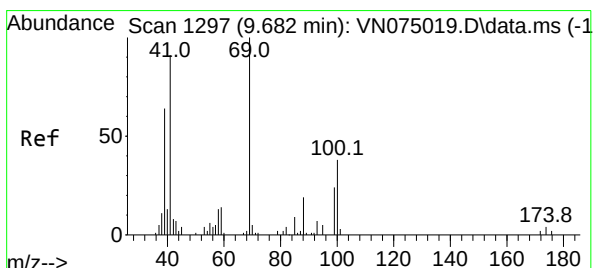
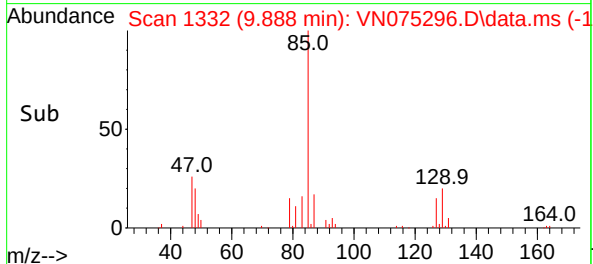
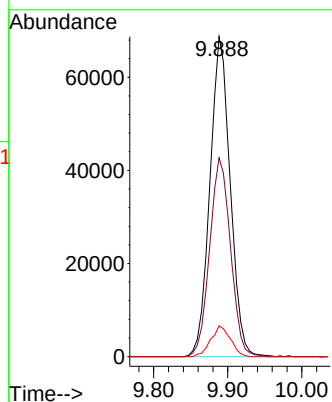
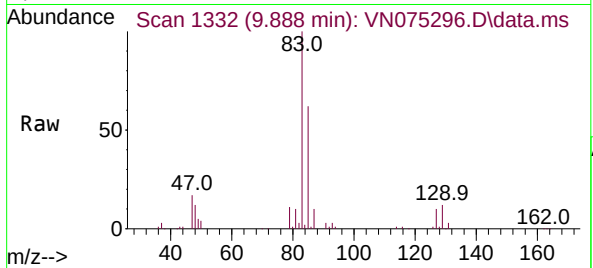
#47
Bromodichloromethane
Concen: 57.969 ug/l
RT: 9.888 min Scan# 1333
Delta R.T. -0.006 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 13047
Ion Ratio Lower Upper
83 100
85 62.1 52.1 78.1
127 9.6 6.6 10.0

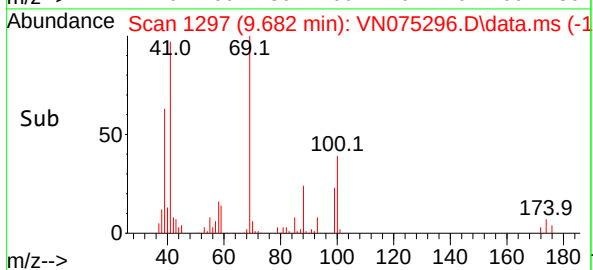
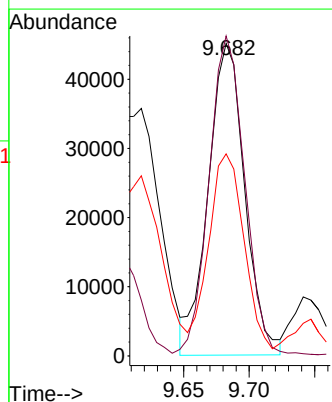
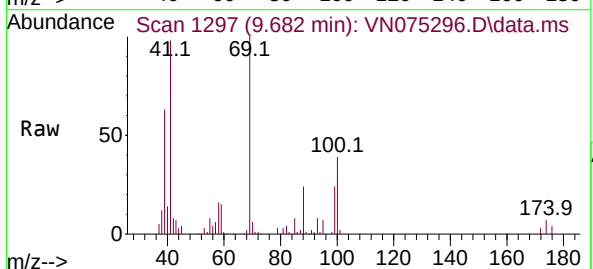
Manual Integrations
APPROVED

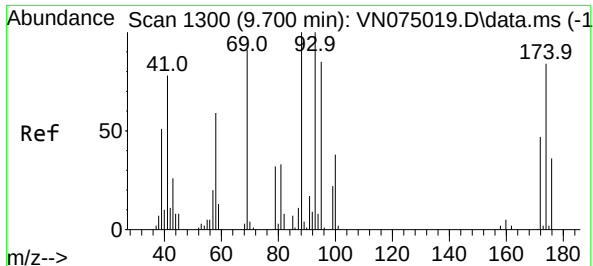
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#48
Methyl methacrylate
Concen: 54.763 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

Tgt Ion: 41 Resp: 87487
Ion Ratio Lower Upper
41 100
69 101.0 80.2 120.2
39 63.7 56.2 84.2





#49

1,4-Dioxane

Concen: 1149.956 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075296.D

Acq: 16 Nov 2022 18:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 4810

Ion Ratio Lower Upper

88 100

43 0.0 17.5 26.3

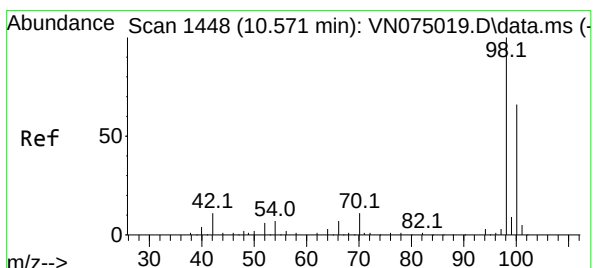
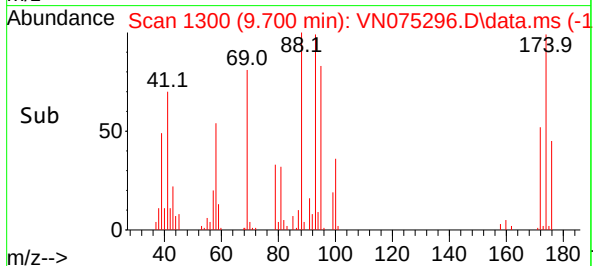
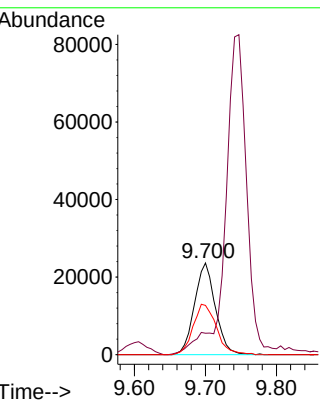
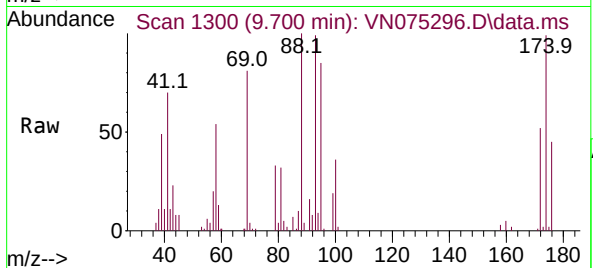
58 61.7 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#50

Toluene-d8

Concen: 45.968 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN075296.D

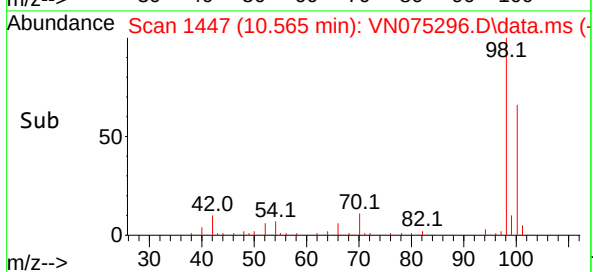
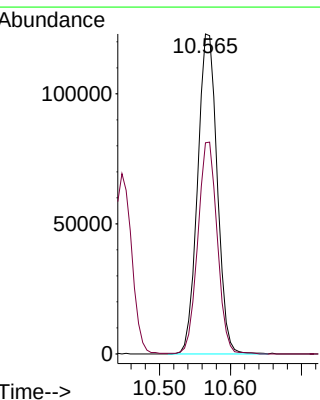
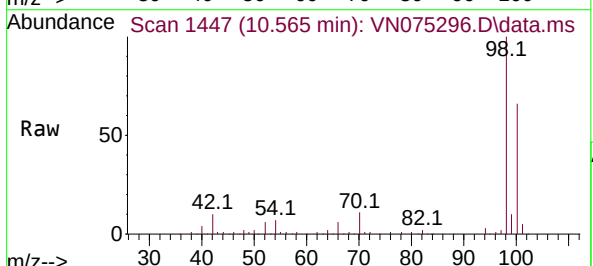
Acq: 16 Nov 2022 18:27

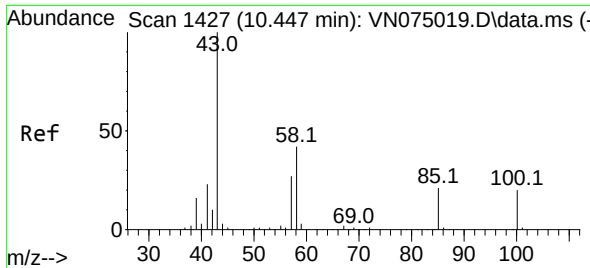
Tgt Ion: 98 Resp: 235843

Ion Ratio Lower Upper

98 100

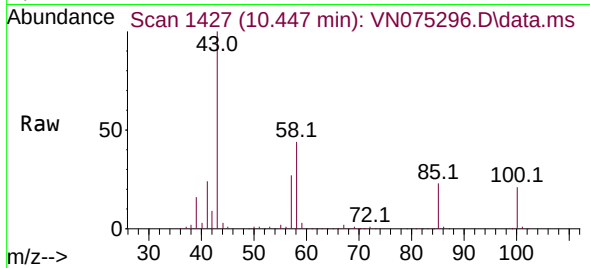
100 65.6 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 268.139 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

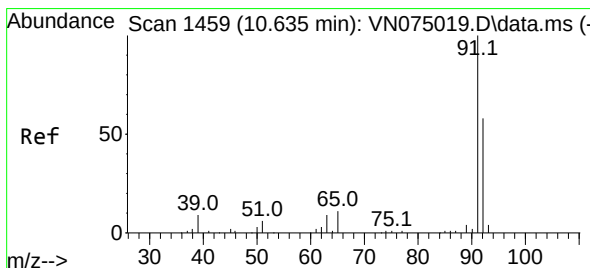
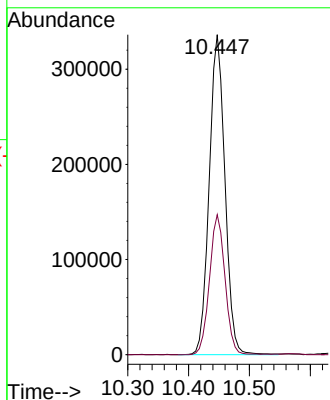
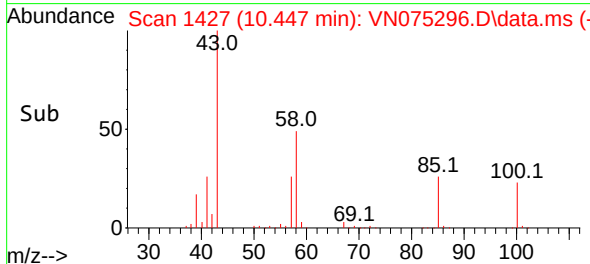
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



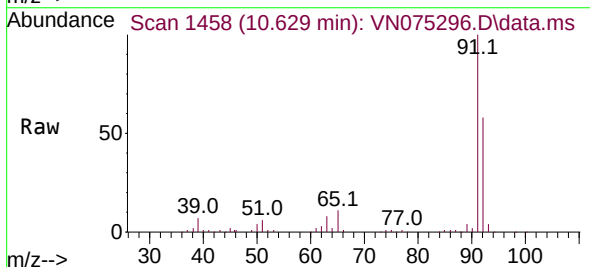
Tgt Ion: 43 Resp: 602610
Ion Ratio Lower Upper
43 100
58 43.2 33.6 50.4

Manual Integrations
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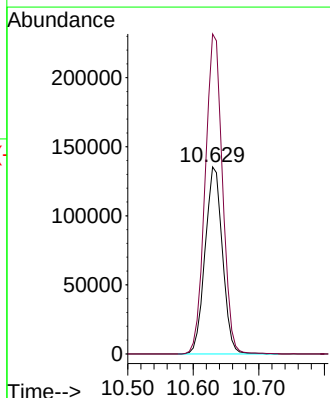
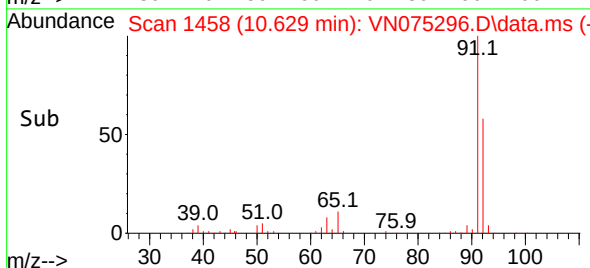
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

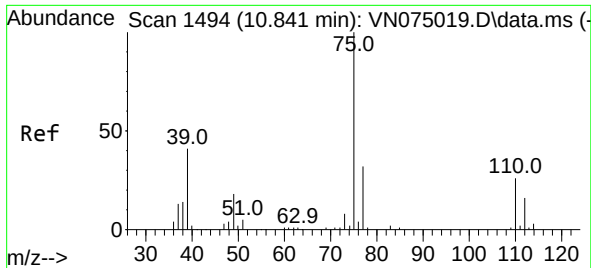


#52
Toluene
Concen: 59.267 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27



Tgt Ion: 92 Resp: 248350
Ion Ratio Lower Upper
92 100
91 170.6 135.4 203.2





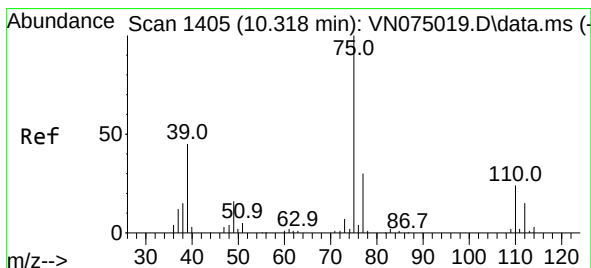
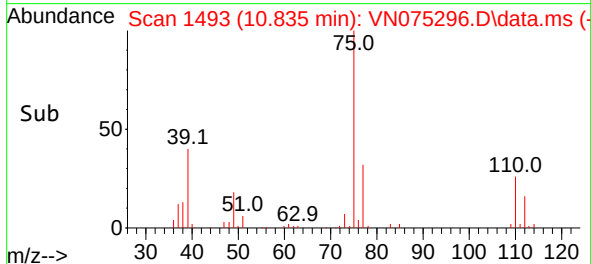
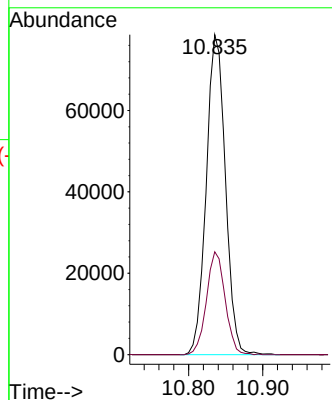
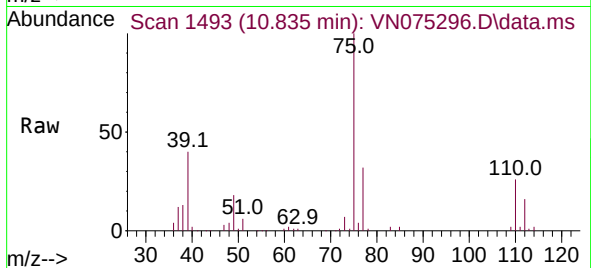
#53
t-1,3-Dichloropropene
Concen: 59.328 ug/l
RT: 10.835 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 140941
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2

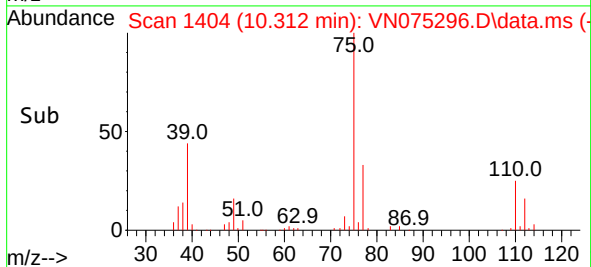
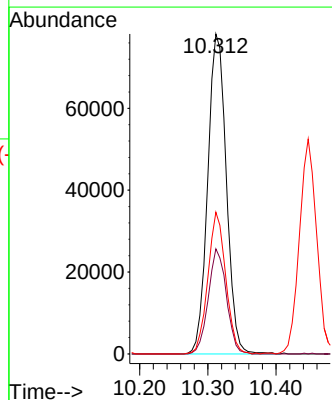
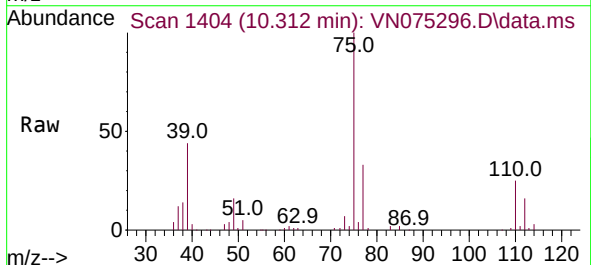
Manual Integrations
APPROVED

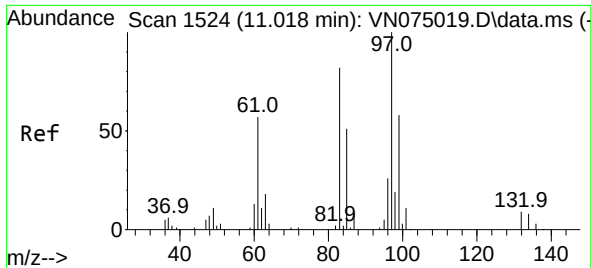
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#54
cis-1,3-Dichloropropene
Concen: 58.783 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.006 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

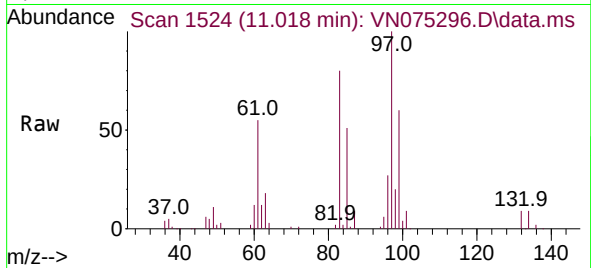
Tgt Ion: 75 Resp: 148116
Ion Ratio Lower Upper
75 100
77 32.8 23.7 35.5
39 44.3 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 59.163 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

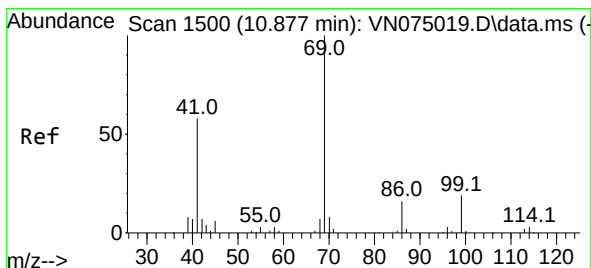
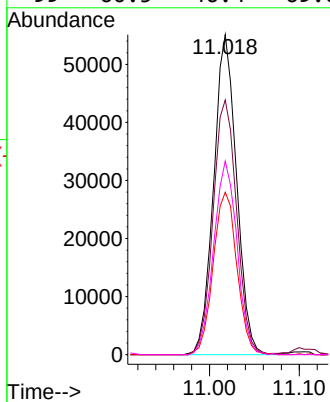
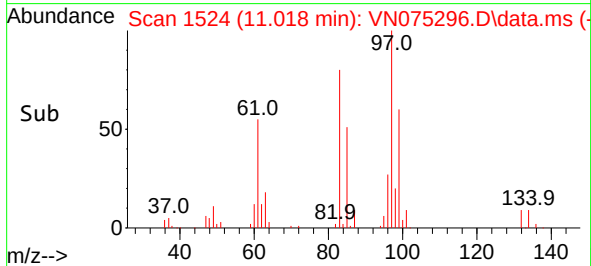
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



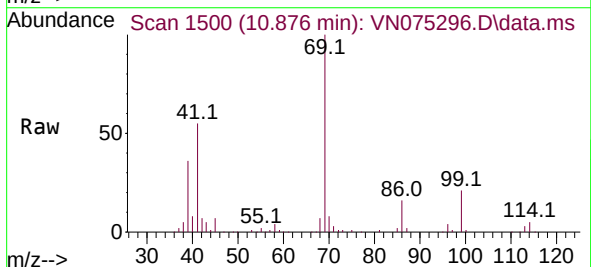
Tgt Ion:	97	Resp:	98300
Ion	Ratio	Lower	Upper
97	100		
83	79.6	65.9	98.9
85	50.7	40.4	60.6
99	60.5	46.4	69.6

Manual Integrations
APPROVED

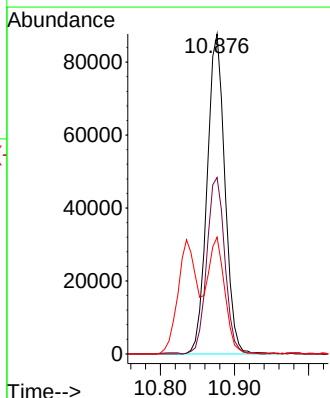
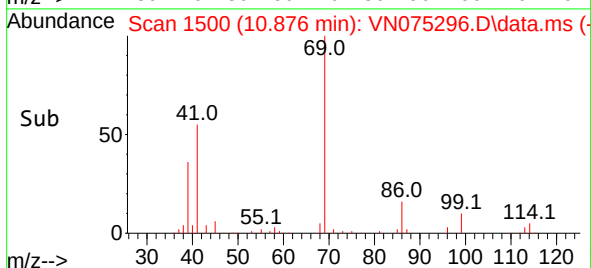
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

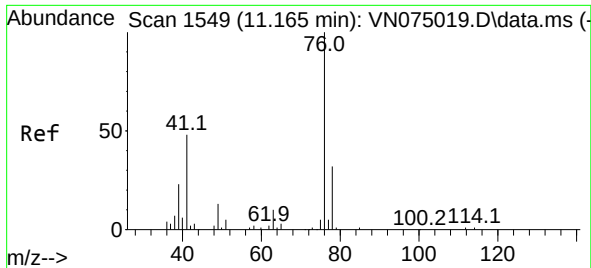


#56
Ethyl methacrylate
Concen: 57.677 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27



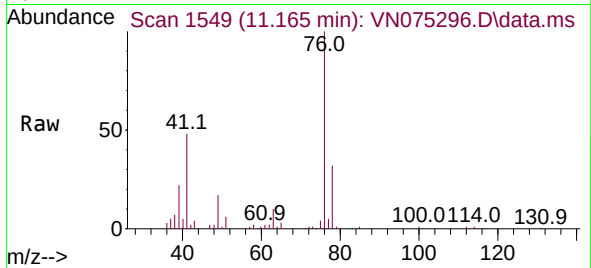
Tgt Ion:	69	Resp:	146177
Ion	Ratio	Lower	Upper
69	100		
41	55.9	45.6	68.4
39	36.7	28.5	42.7





#57
1,3-Dichloropropane
Concen: 57.798 ug/l
RT: 11.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

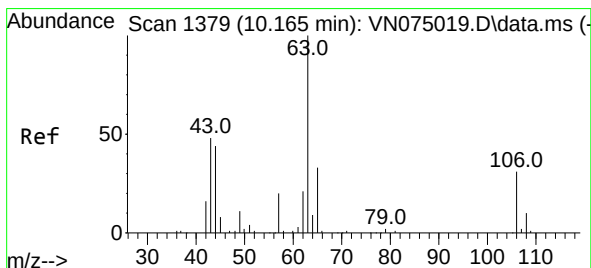
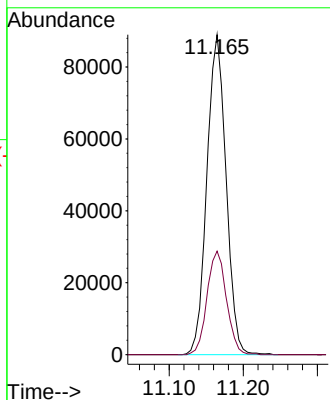
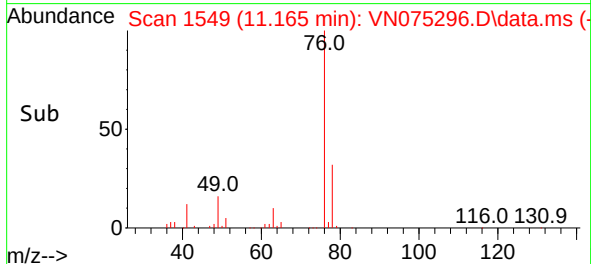
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 159924
Ion Ratio Lower Upper
76 100
78 32.7 25.8 38.6

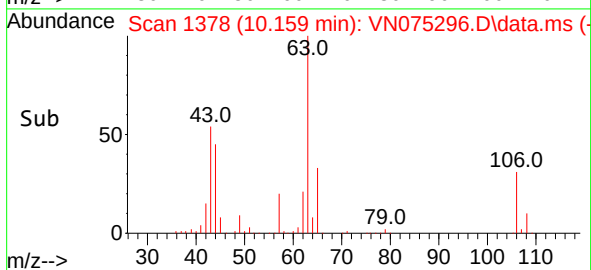
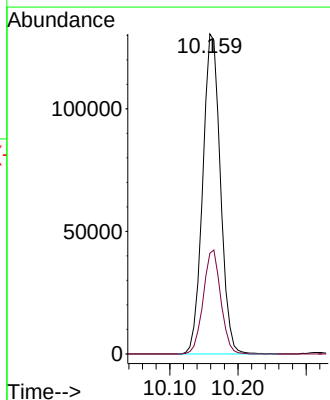
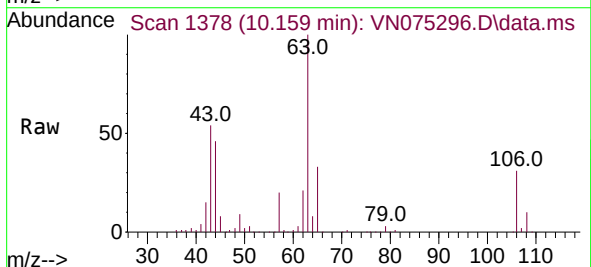
Manual Integrations
APPROVED

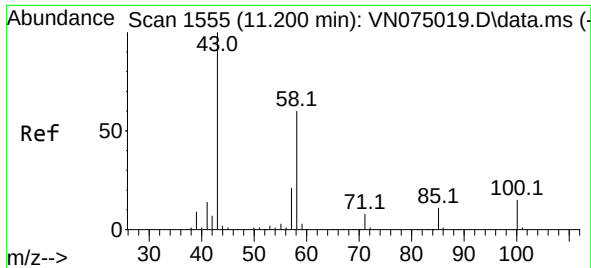
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#58
2-Chloroethyl Vinyl ether
Concen: 239.792 ug/l
RT: 10.159 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

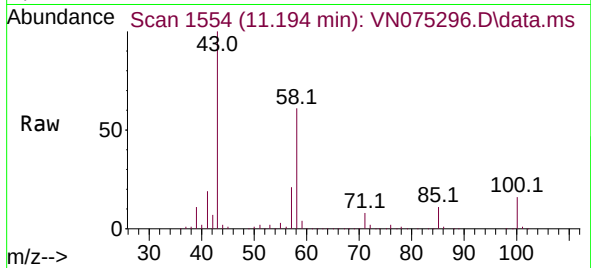
Tgt Ion: 63 Resp: 234948
Ion Ratio Lower Upper
63 100
106 32.2 24.8 37.2





#59
2-Hexanone
Concen: 264.377 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

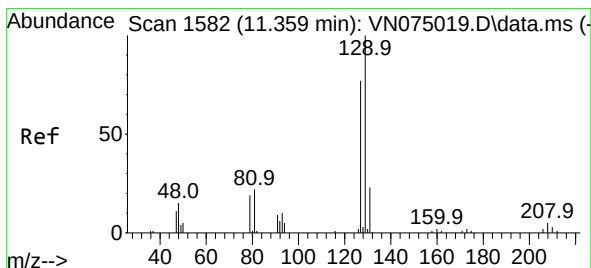
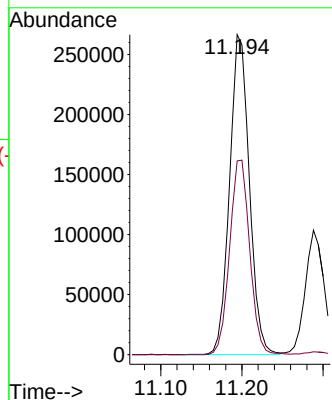
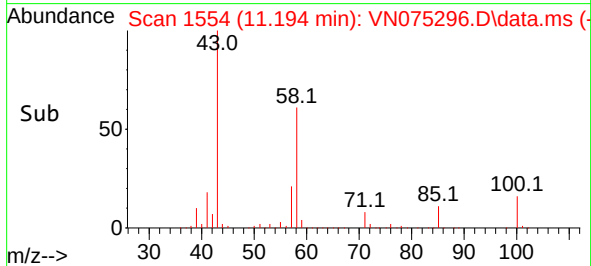
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 450945
Ion Ratio Lower Upper
43 100
58 61.7 29.6 88.8

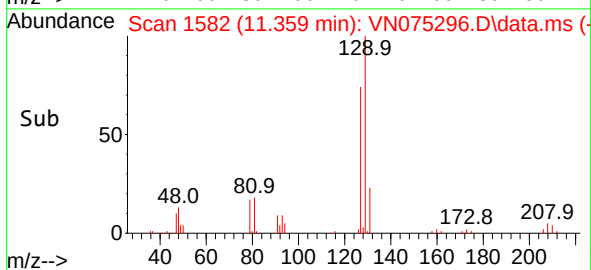
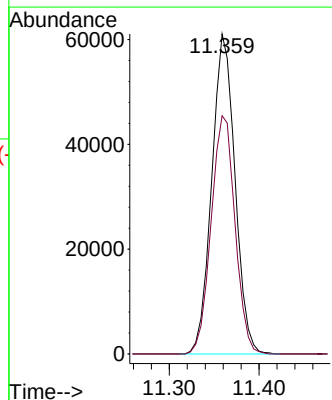
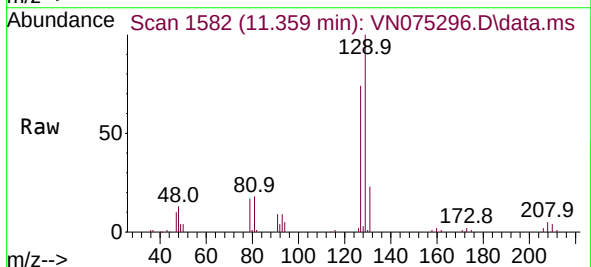
Manual Integrations
APPROVED

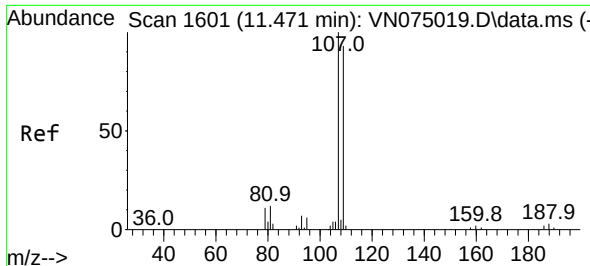
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#60
Dibromochloromethane
Concen: 62.873 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

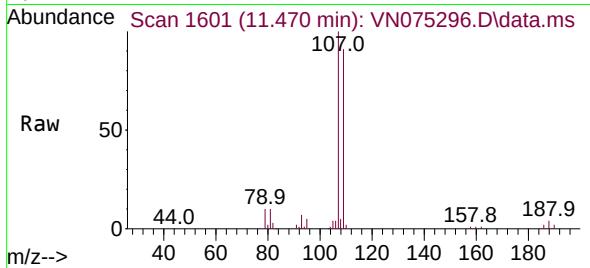
Tgt Ion:129 Resp: 110214
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.8





#61
1,2-Dibromoethane
Concen: 61.525 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.001 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

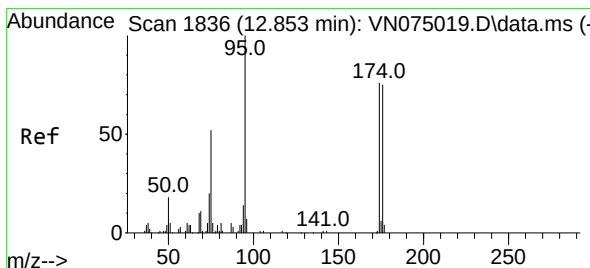
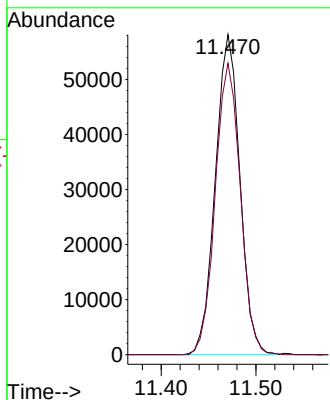
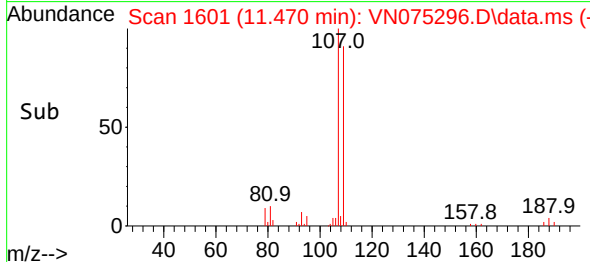
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



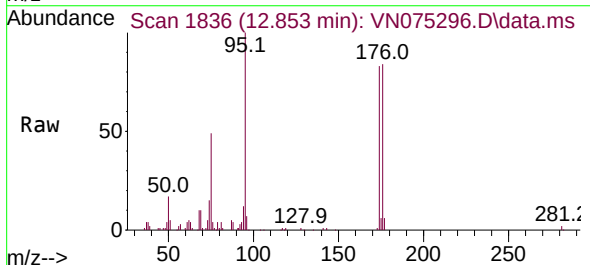
Tgt Ion:107 Resp: 104760
Ion Ratio Lower Upper
107 100
109 92.8 75.6 113.4

Manual Integrations
APPROVED

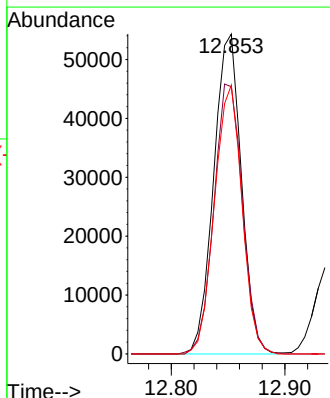
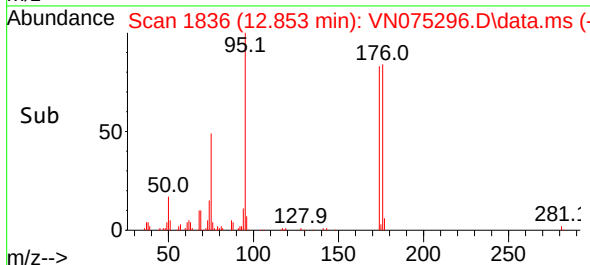
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

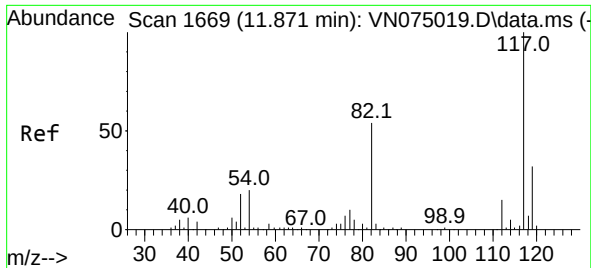


#62
4-Bromofluorobenzene
Concen: 51.027 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27



Tgt Ion: 95 Resp: 91964
Ion Ratio Lower Upper
95 100
174 86.7 0.0 147.4
176 83.3 0.0 142.2





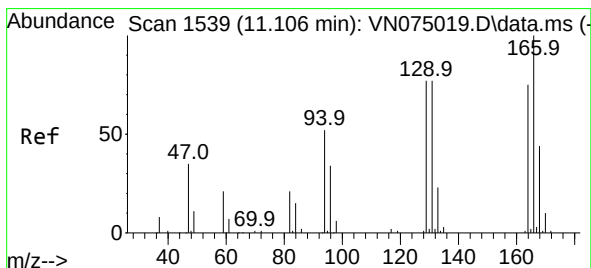
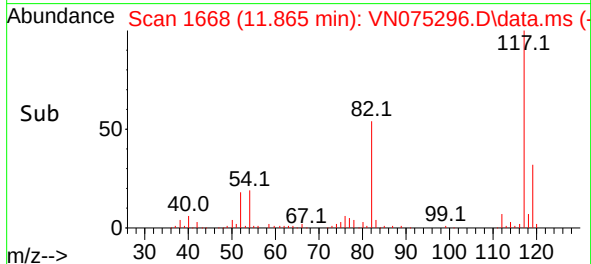
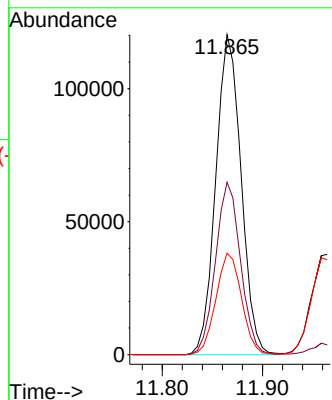
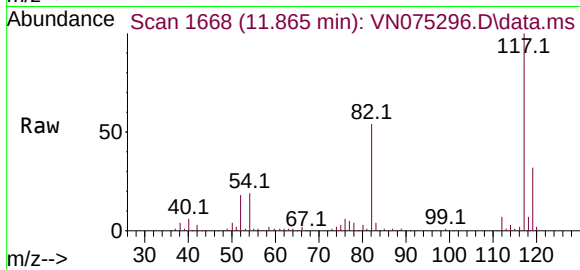
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 211169
Ion Ratio Lower Upper
117 100
82 53.8 43.1 64.7
119 31.7 25.5 38.3

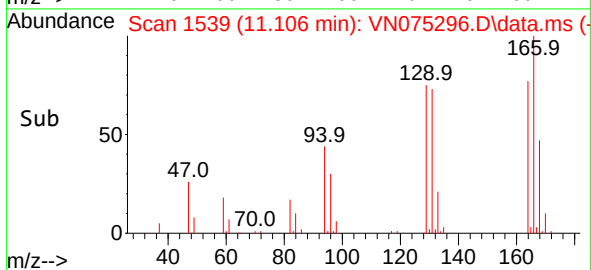
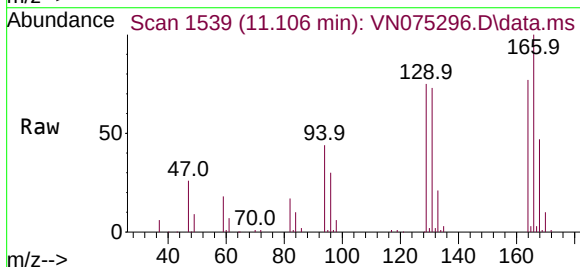
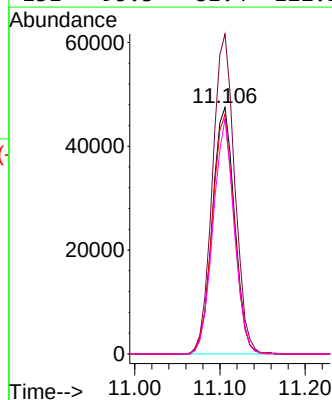
Manual Integrations
APPROVED

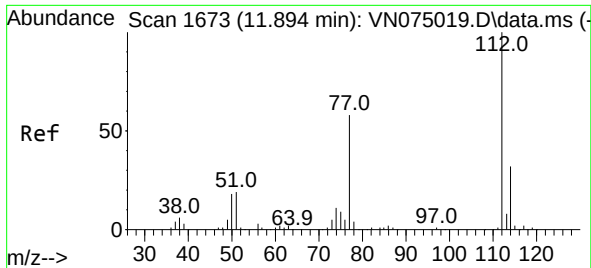
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#64
Tetrachloroethene
Concen: 66.201 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

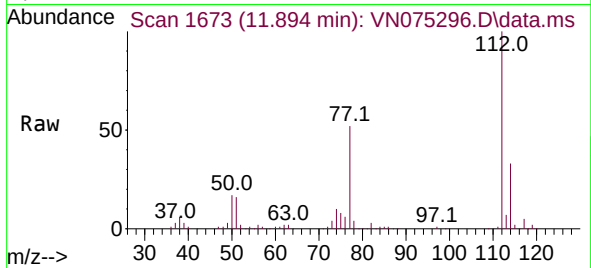
Tgt Ion:164 Resp: 85707
Ion Ratio Lower Upper
164 100
166 129.8 106.5 159.7
129 97.2 81.9 122.9
131 95.3 81.4 122.2





#65
Chlorobenzene
Concen: 59.199 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

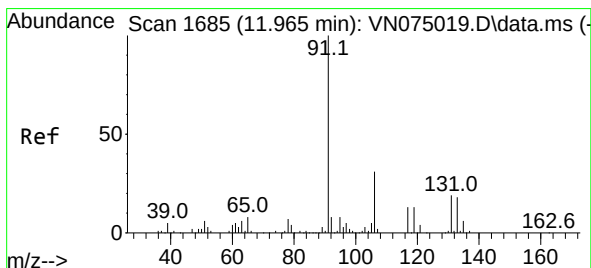
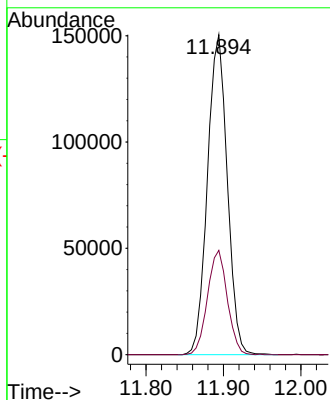
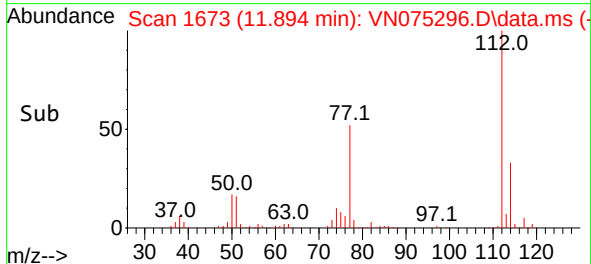
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



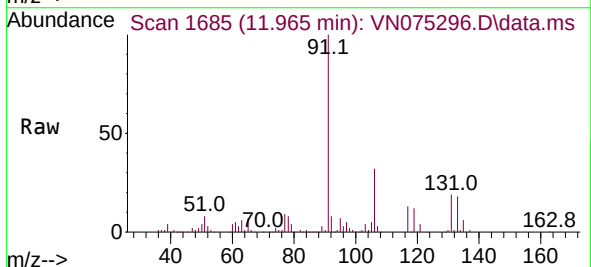
Tgt Ion:112 Resp: 266838
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.2

Manual Integrations
APPROVED

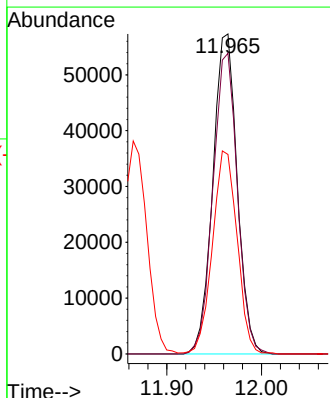
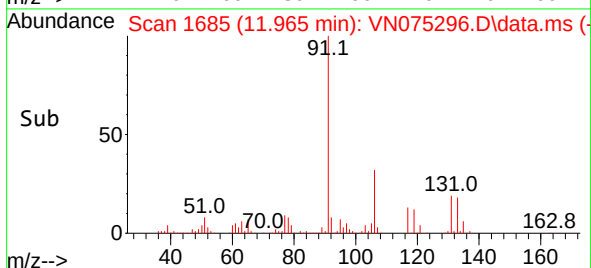
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

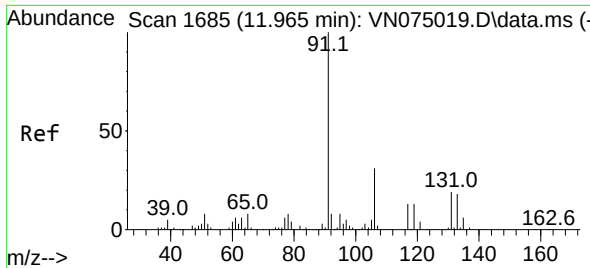


#66
1,1,1,2-Tetrachloroethane
Concen: 61.231 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27



Tgt Ion:131 Resp: 102383
Ion Ratio Lower Upper
131 100
133 94.2 47.8 143.4
119 64.4 33.0 99.0





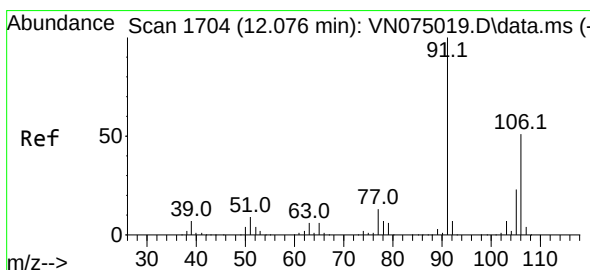
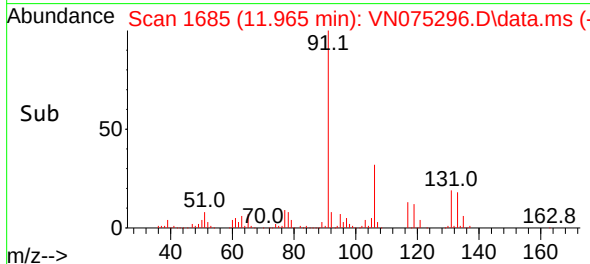
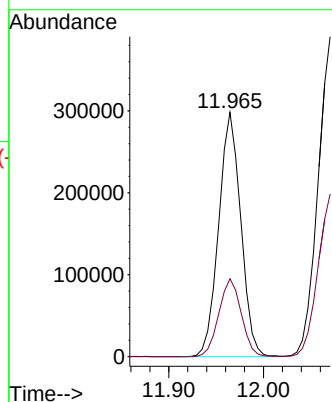
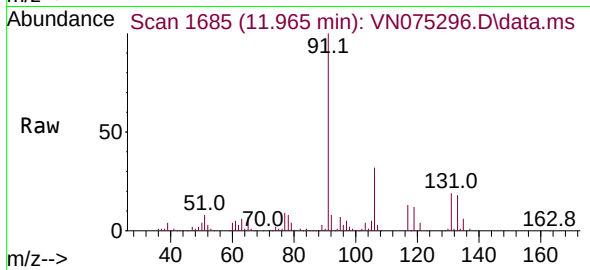
#67
Ethyl Benzene
Concen: 59.577 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 48314
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3

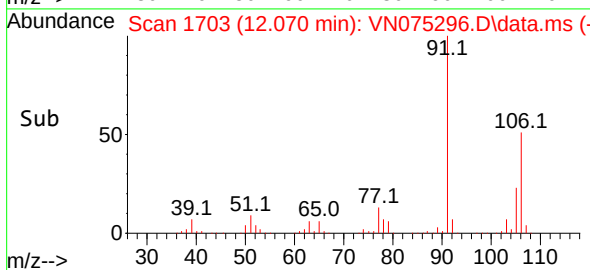
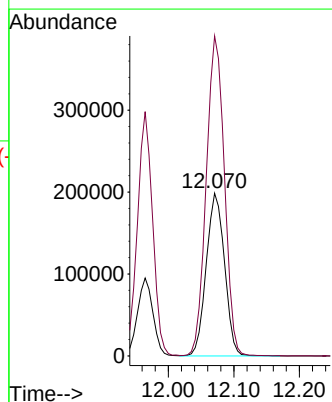
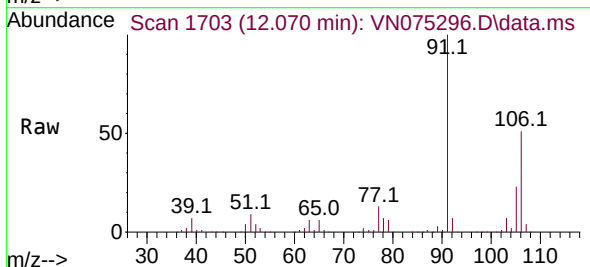
Manual Integrations
APPROVED

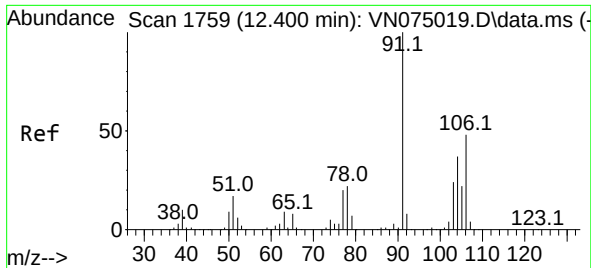
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#68
m/p-Xylenes
Concen: 117.929 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

Tgt Ion:106 Resp: 383736
Ion Ratio Lower Upper
106 100
91 195.3 156.0 234.0





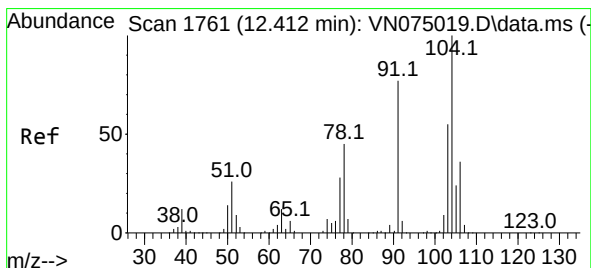
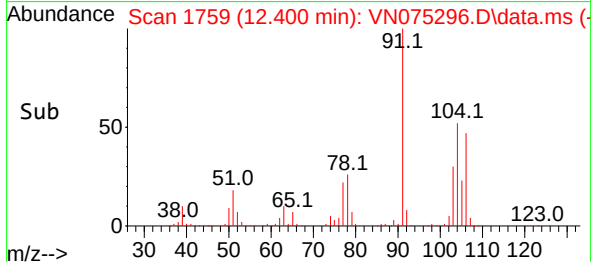
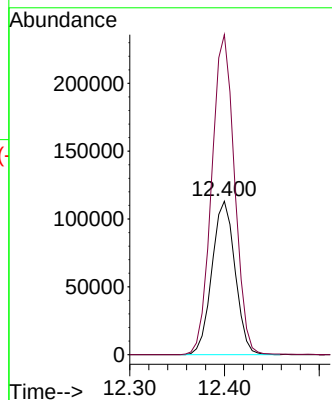
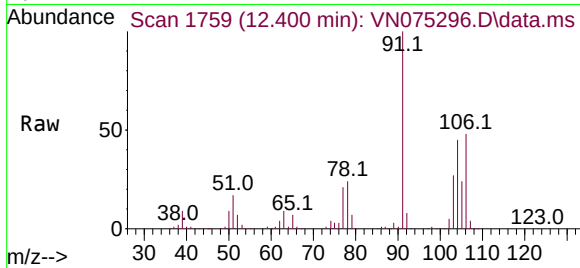
#69
o-Xylene
Concen: 59.582 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 191732
Ion Ratio Lower Upper
106 100
91 206.6 105.2 315.5

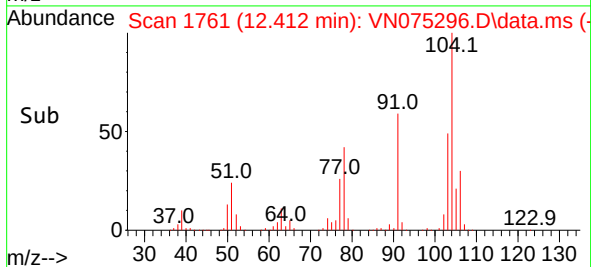
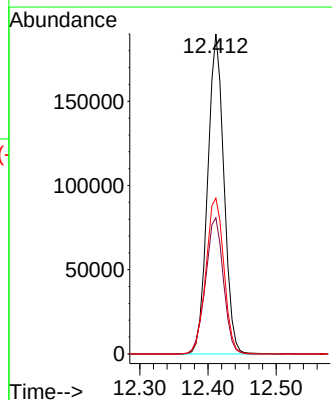
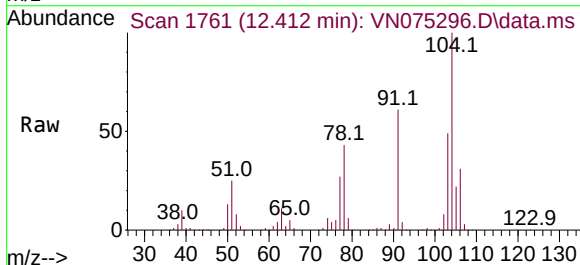
Manual Integrations
APPROVED

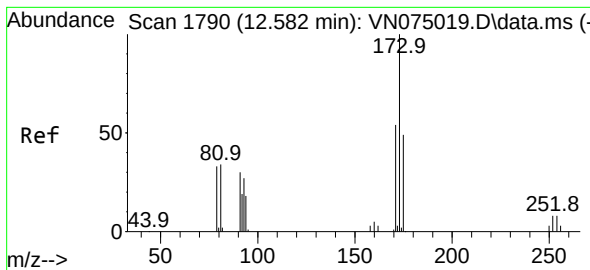
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#70
Styrene
Concen: 61.337 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

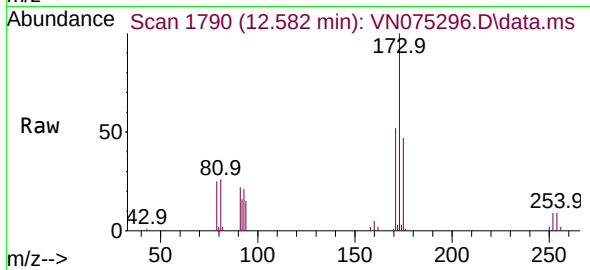
Tgt Ion:104 Resp: 314722
Ion Ratio Lower Upper
104 100
78 46.8 38.1 57.1
103 53.9 44.6 66.8





#71
Bromoform
Concen: 66.963 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

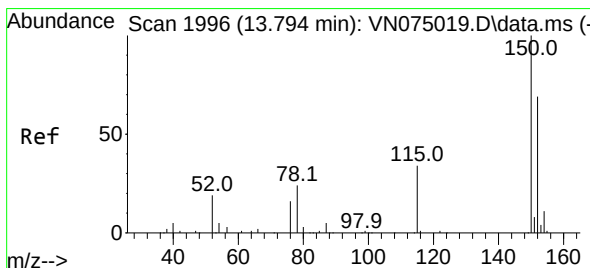
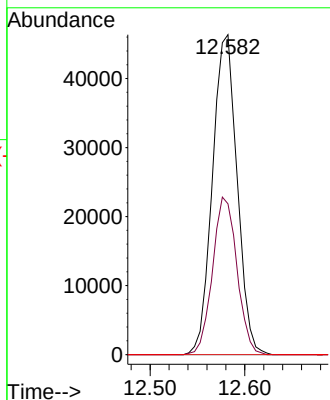
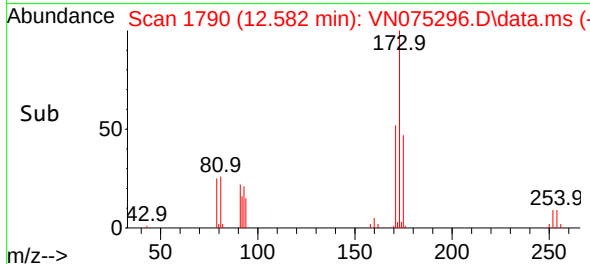
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



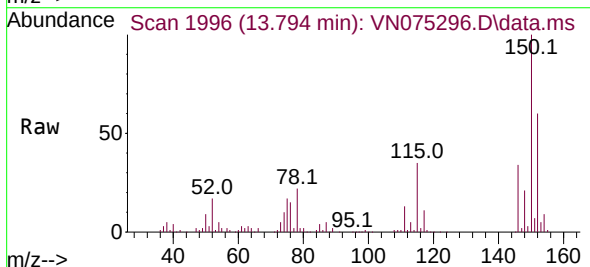
Tgt Ion:173 Resp: 83830
Ion Ratio Lower Upper
173 100
175 48.7 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

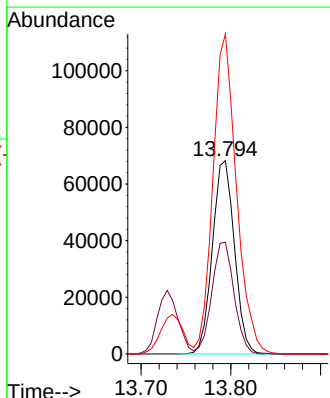
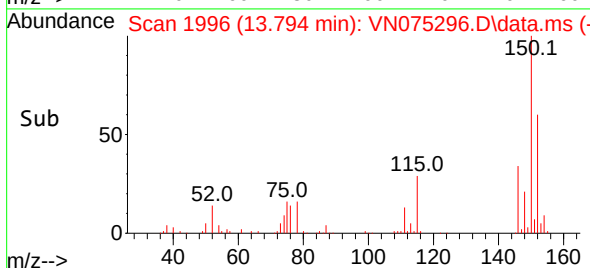
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

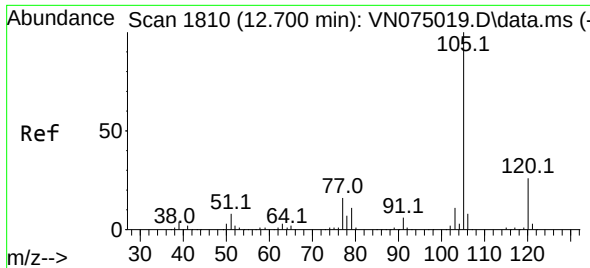


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27



Tgt Ion:152 Resp: 116952
Ion Ratio Lower Upper
152 100
115 58.1 30.2 90.6
150 176.4 0.0 348.4





#73
Isopropylbenzene
Concen: 53.160 ug/l
RT: 12.694 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

Instrument :

MSVOA_N

ClientSampleId :

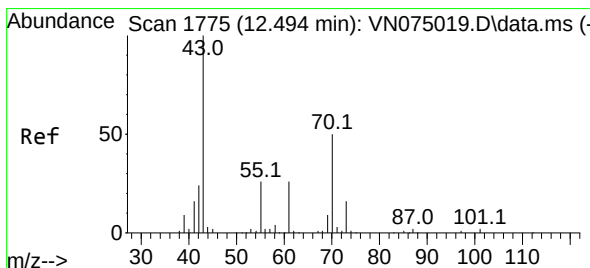
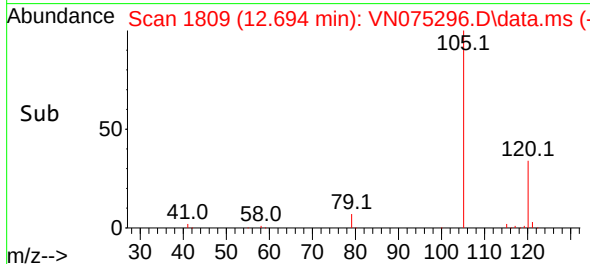
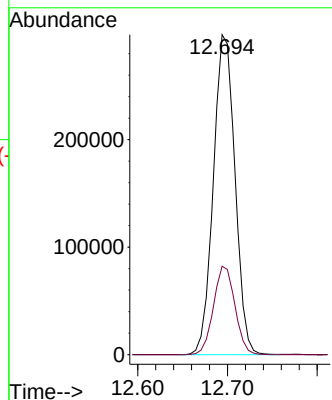
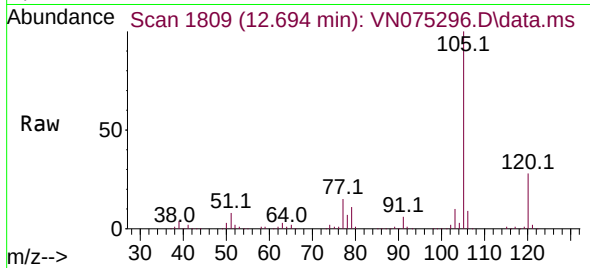
VSTDCCC050EC

Tgt Ion:105 Resp: 499124
Ion Ratio Lower Upper
105 100
120 27.3 13.1 39.1

Manual Integrations

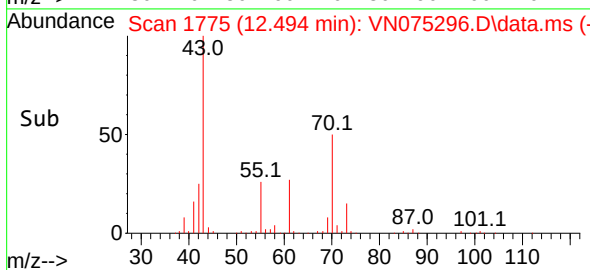
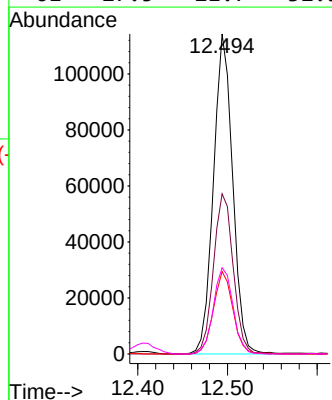
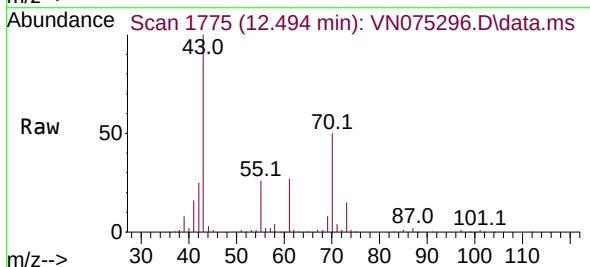
APPROVED

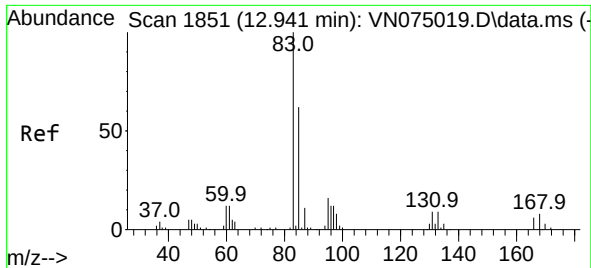
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#74
N-ethyl acetate
Concen: 49.053 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

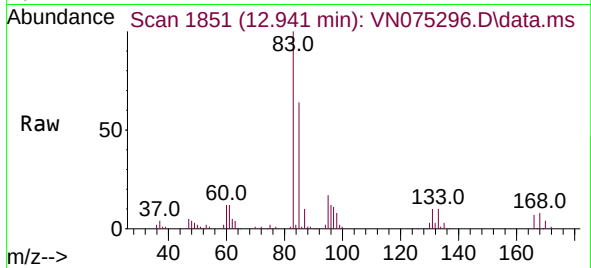
Tgt Ion: 43 Resp: 170339
Ion Ratio Lower Upper
43 100
70 51.3 39.8 59.8
55 26.0 19.9 29.9
61 27.5 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 57.357 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

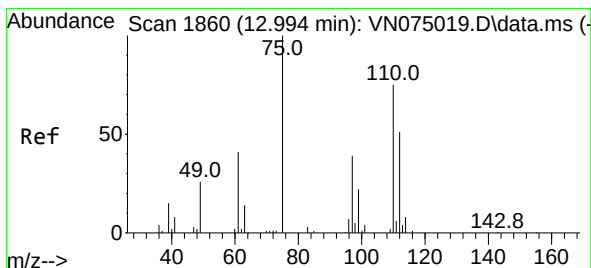
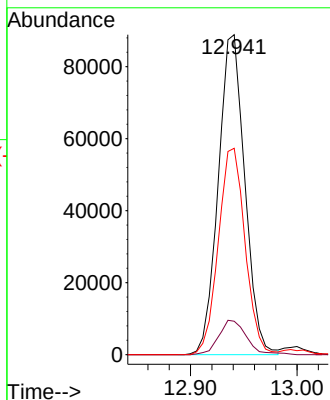
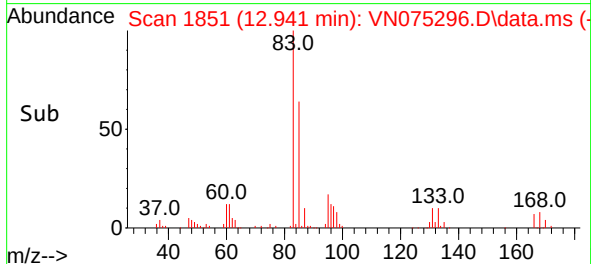
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 154147
Ion Ratio Lower Upper
83 100
131 11.2 5.1 15.3
85 65.0 31.6 94.7

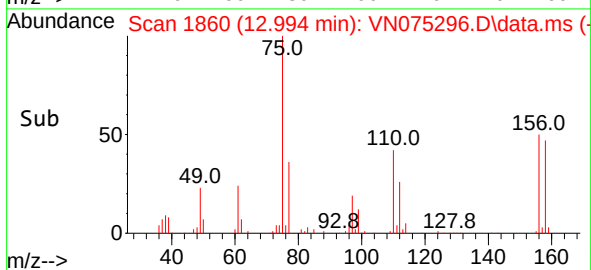
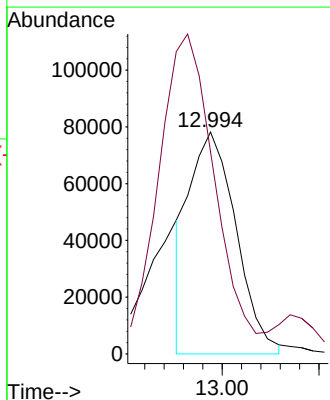
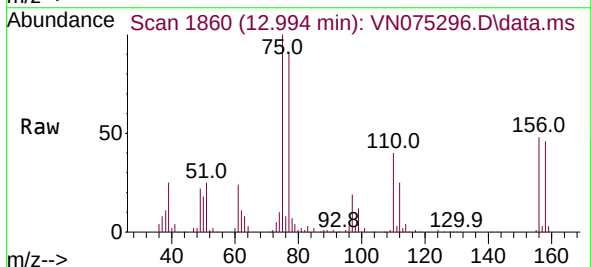
Manual Integrations
APPROVED

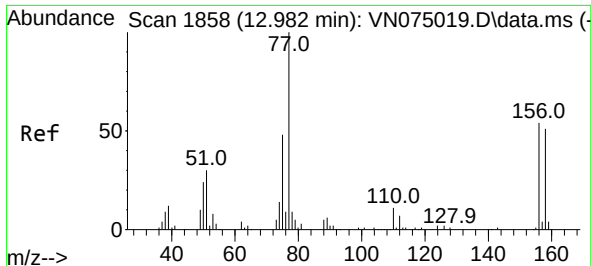
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#76
1,2,3-Trichloropropane
Concen: 52.777 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

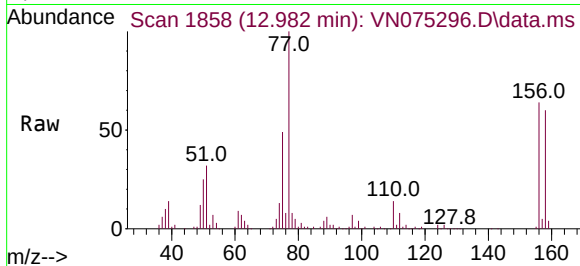
Tgt Ion: 75 Resp: 131055
Ion Ratio Lower Upper
75 100
77 173.9 75.6 226.8





#77
Bromobenzene
Concen: 58.450 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

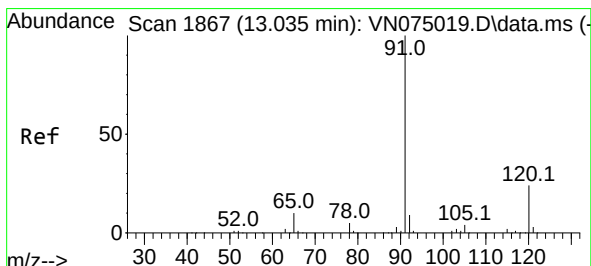
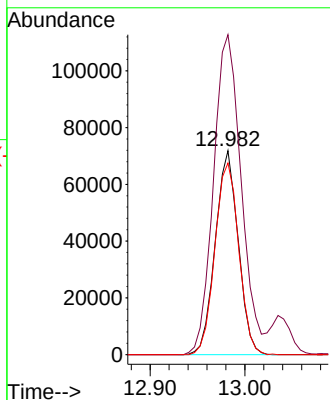
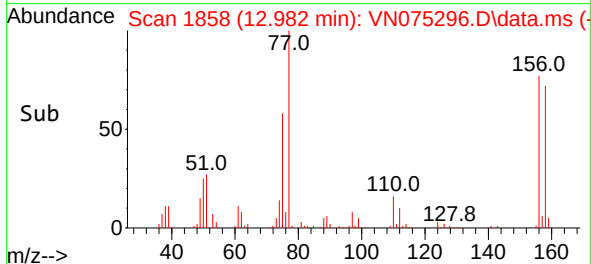
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



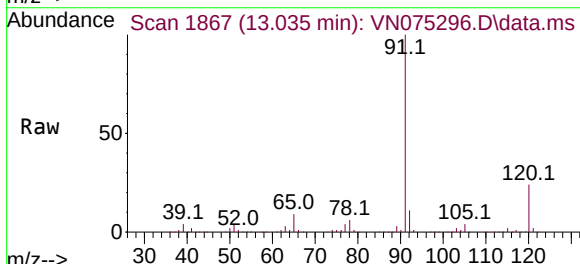
Tgt Ion:156 Resp: 120838
Ion Ratio Lower Upper
156 100
77 188.6 108.5 325.5
158 97.6 47.7 143.1

Manual Integrations
APPROVED

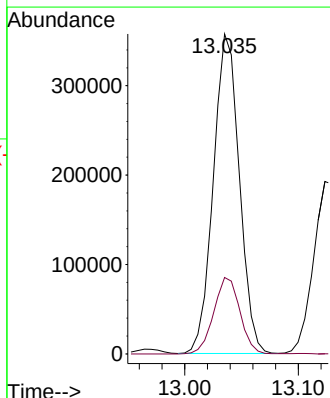
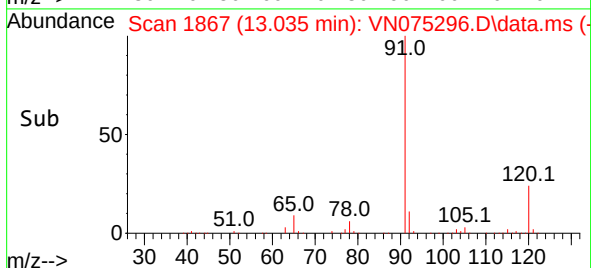
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

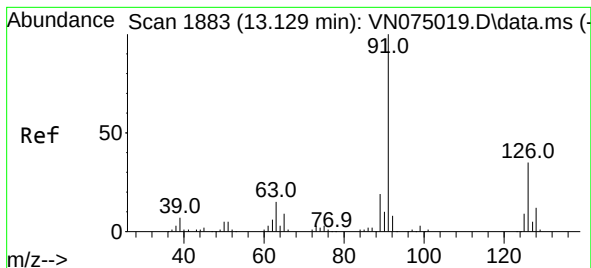


#78
n-propylbenzene
Concen: 53.949 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27



Tgt Ion: 91 Resp: 568695
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.5





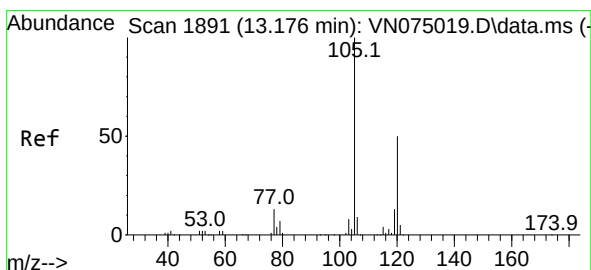
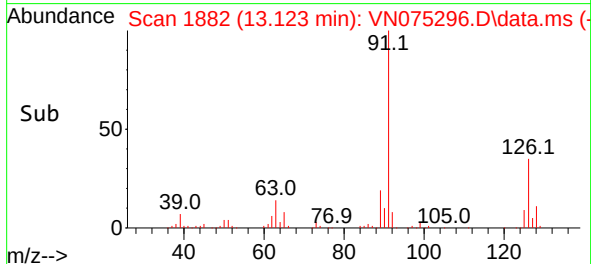
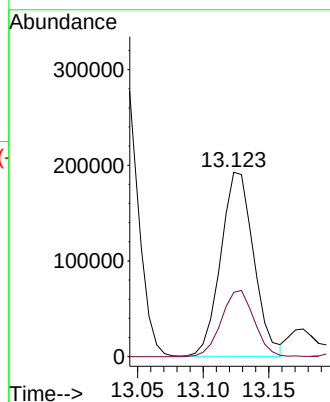
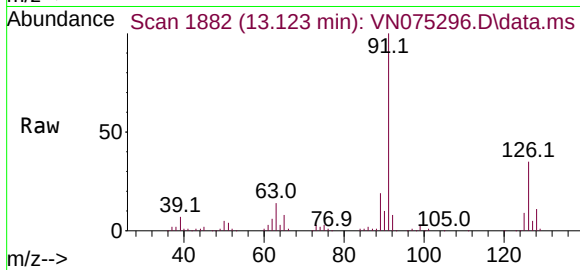
#79
2-Chlorotoluene
Concen: 52.338 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 337140
Ion Ratio Lower Upper
91 100
126 35.6 16.9 50.7

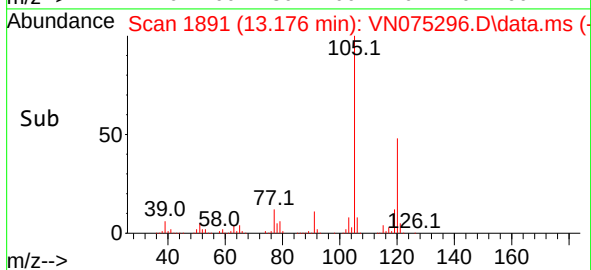
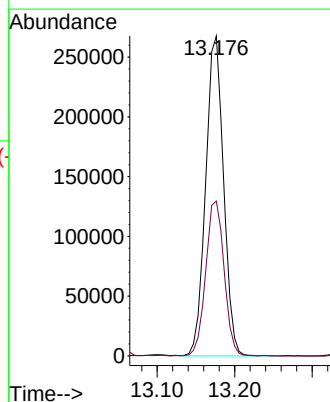
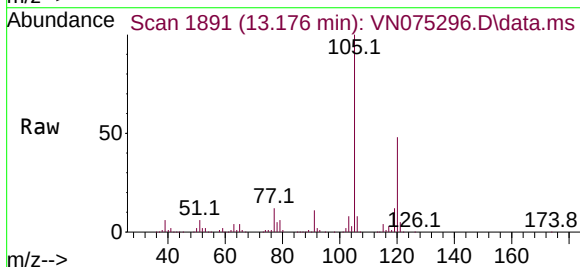
Manual Integrations
APPROVED

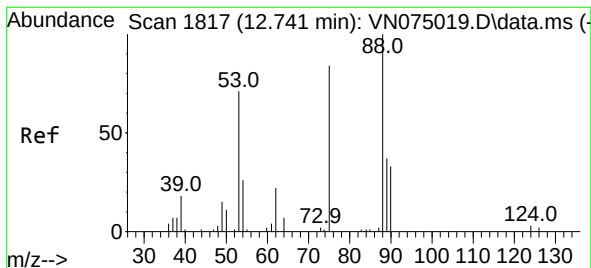
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#80
1,3,5-Trimethylbenzene
Concen: 54.418 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

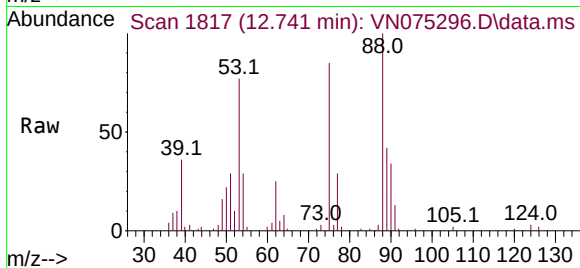
Tgt Ion:105 Resp: 429141
Ion Ratio Lower Upper
105 100
120 49.8 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 48.082 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

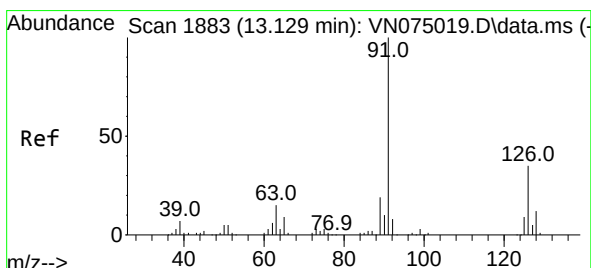
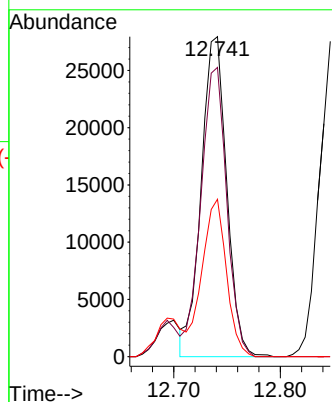
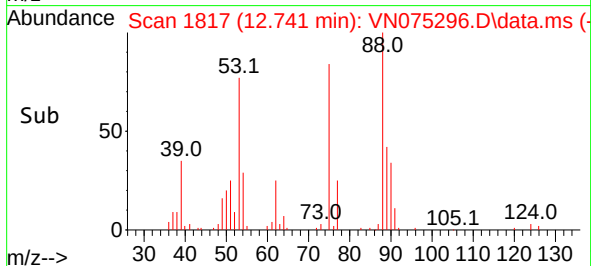
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 46513
Ion Ratio Lower Upper
75 100
53 91.5 78.5 117.7
89 46.9 37.7 56.5

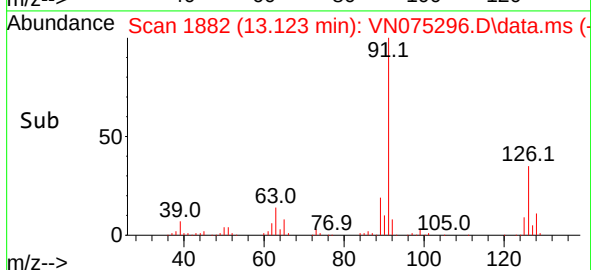
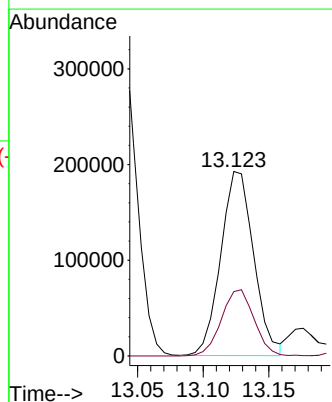
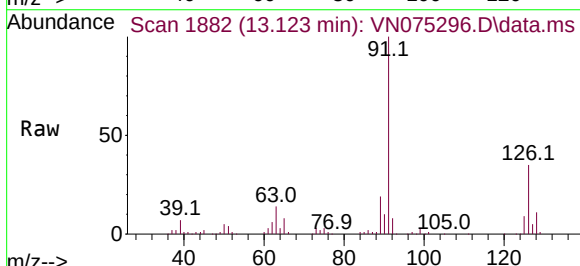
Manual Integrations
APPROVED

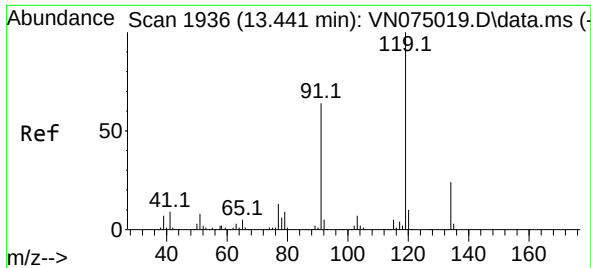
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#82
4-Chlorotoluene
Concen: 52.338 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

Tgt Ion: 91 Resp: 337140
Ion Ratio Lower Upper
91 100
126 35.6 16.9 50.7





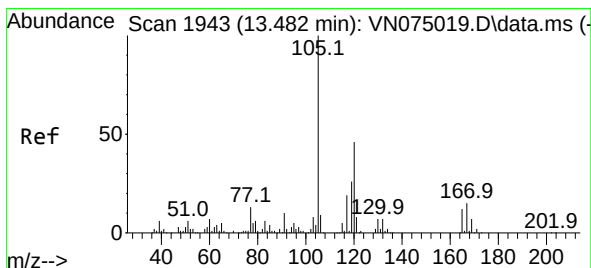
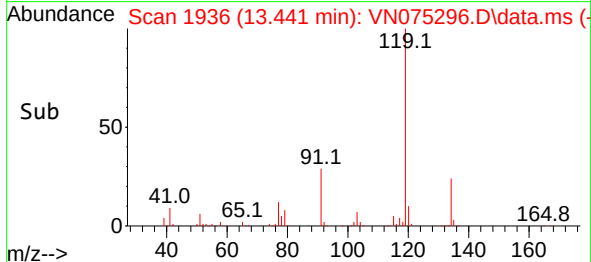
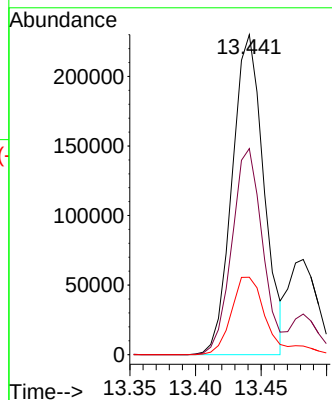
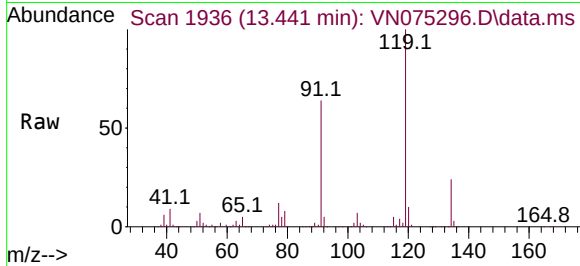
#83
tert-Butylbenzene
Concen: 55.145 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 386418
Ion Ratio Lower Upper
119 100
91 62.2 32.8 98.4
134 27.3 12.3 36.9

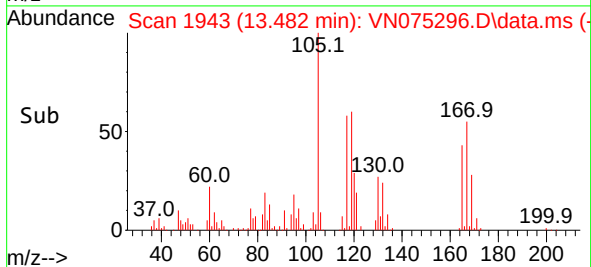
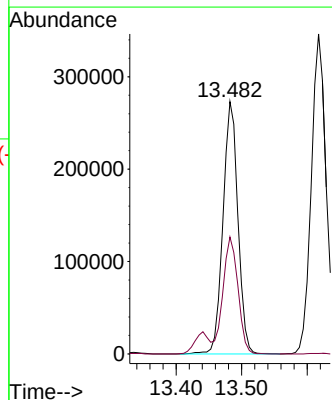
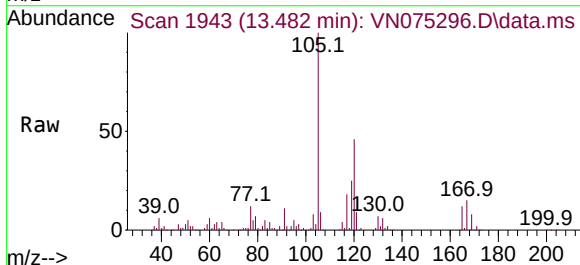
Manual Integrations
APPROVED

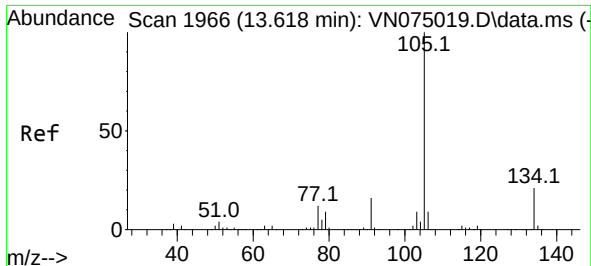
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#84
1,2,4-Trimethylbenzene
Concen: 54.316 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

Tgt Ion:105 Resp: 433386
Ion Ratio Lower Upper
105 100
120 46.7 22.7 68.1





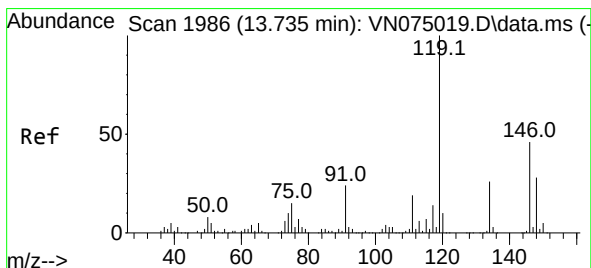
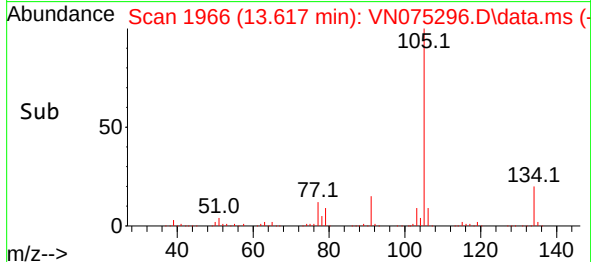
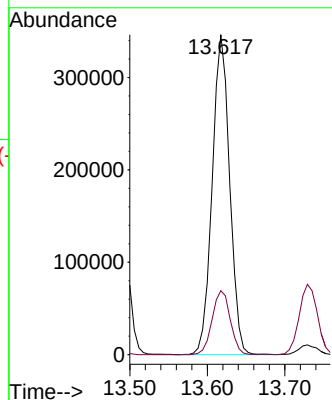
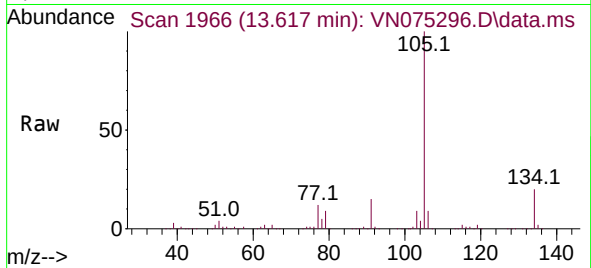
#85
 sec-Butylbenzene
 Concen: 55.168 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075296.D
 Acq: 16 Nov 2022 18:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 540792
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.6

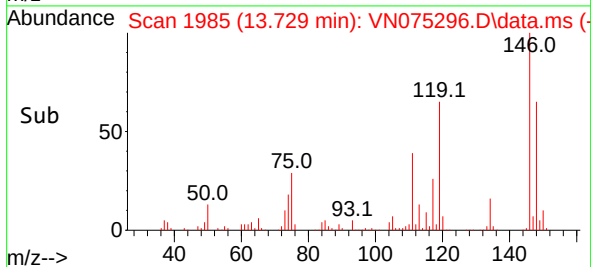
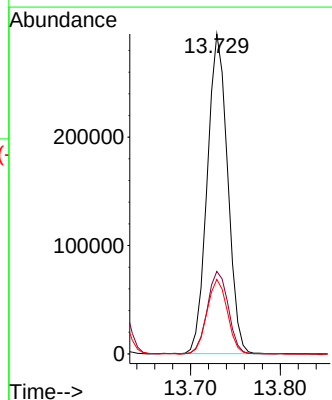
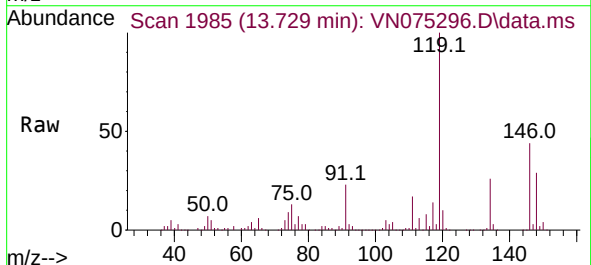
Manual Integrations
 APPROVED

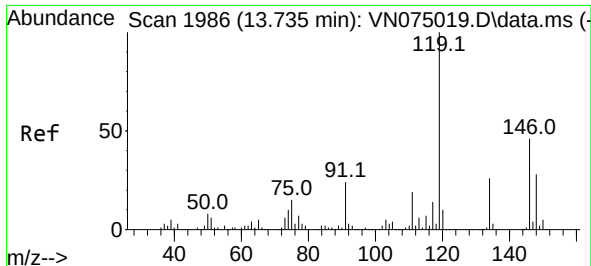
Reviewed By :John Carlone 11/17/2022
 Supervised By :Mahesh Dadoda 11/17/2022



#86
 p-Isopropyltoluene
 Concen: 57.686 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075296.D
 Acq: 16 Nov 2022 18:27

Tgt Ion:119 Resp: 467009
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.3
 91 23.3 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 58.264 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075296.D

Acq: 16 Nov 2022 18:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 235840

Ion Ratio Lower Upper

146 100

111 39.6 20.8 62.5

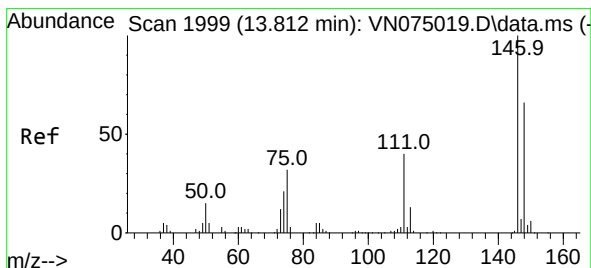
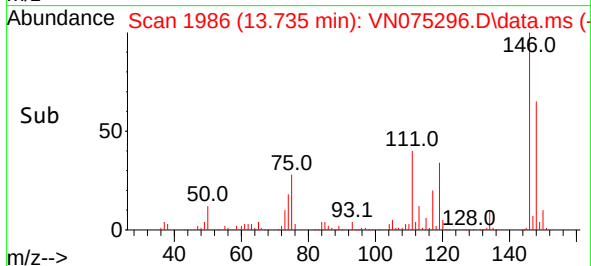
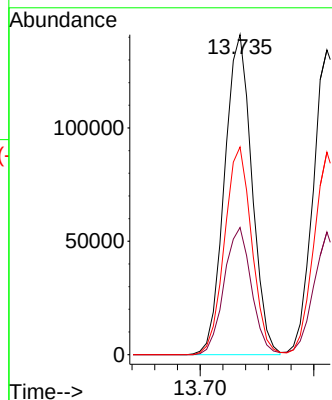
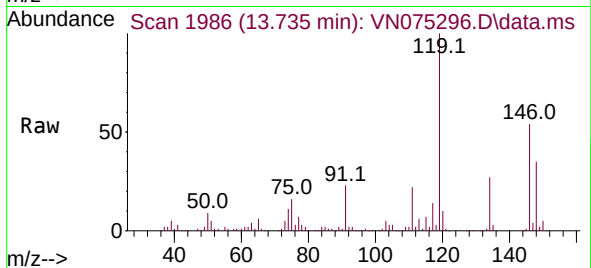
148 64.6 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#88

1,4-Dichlorobenzene

Concen: 58.443 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN075296.D

Acq: 16 Nov 2022 18:27

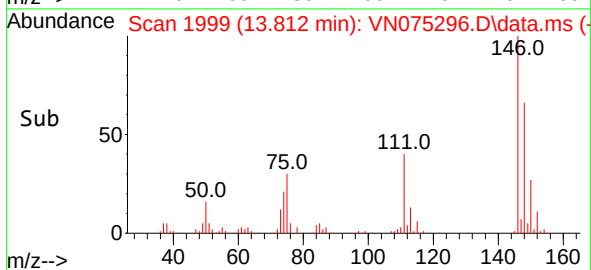
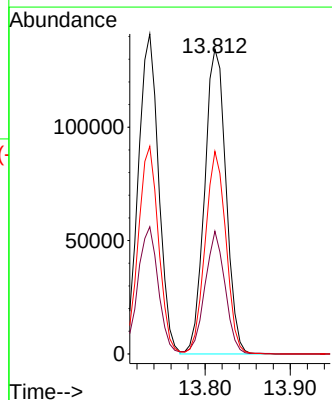
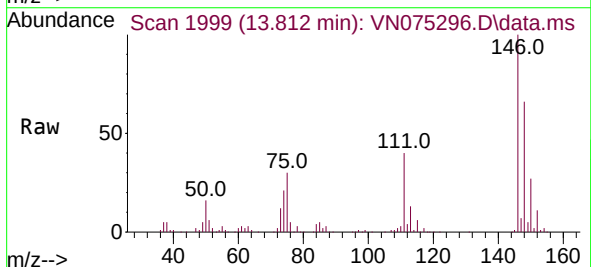
Tgt Ion:146 Resp: 234122

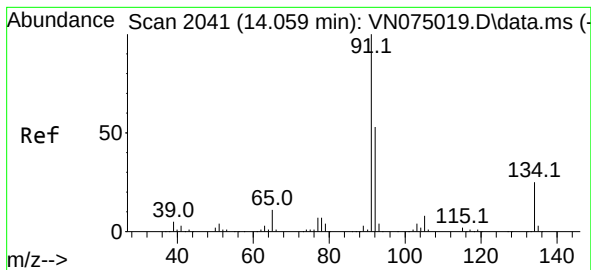
Ion Ratio Lower Upper

146 100

111 38.0 20.1 60.3

148 64.4 31.9 95.7





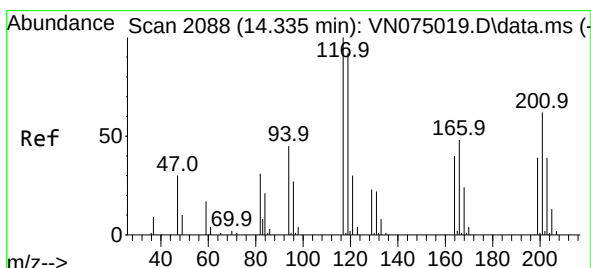
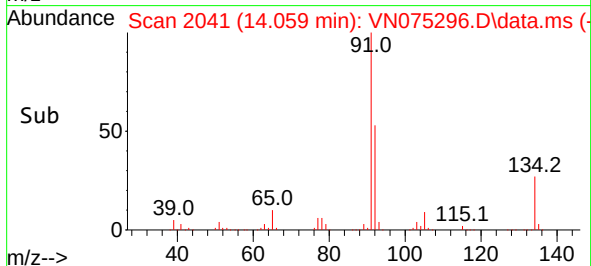
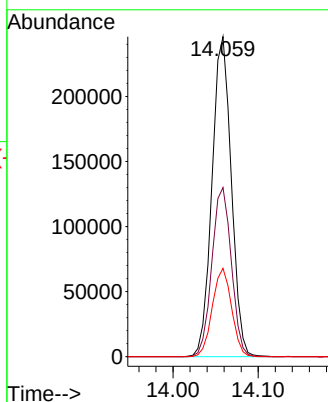
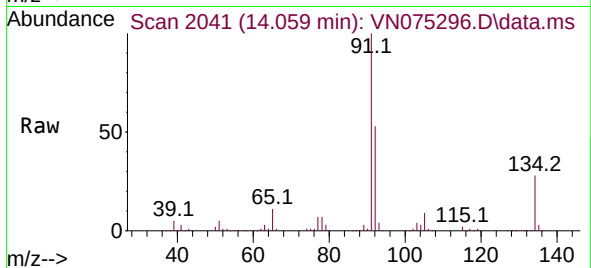
#89
n-Butylbenzene
Concen: 59.251 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 386276
Ion Ratio Lower Upper
91 100
92 53.4 26.5 79.4
134 27.5 13.0 39.0

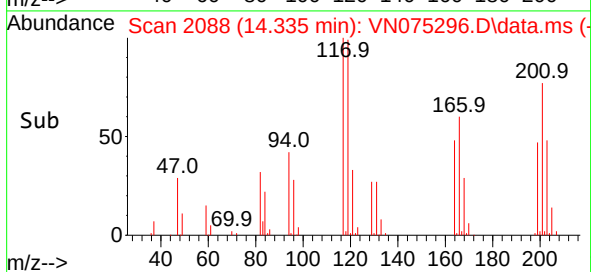
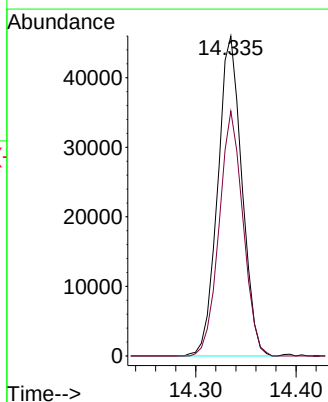
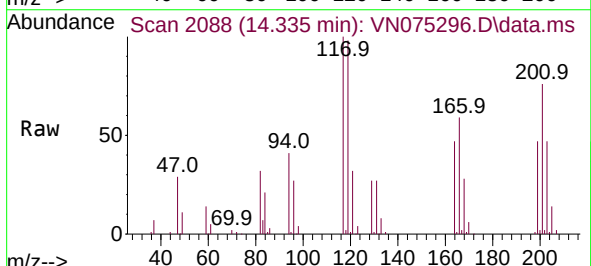
Manual Integrations
APPROVED

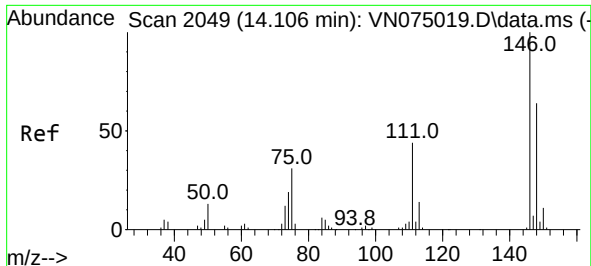
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#90
Hexachloroethane
Concen: 51.930 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

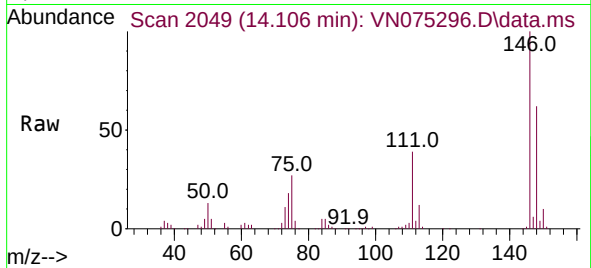
Tgt Ion:117 Resp: 77081
Ion Ratio Lower Upper
117 100
201 75.6 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 57.960 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

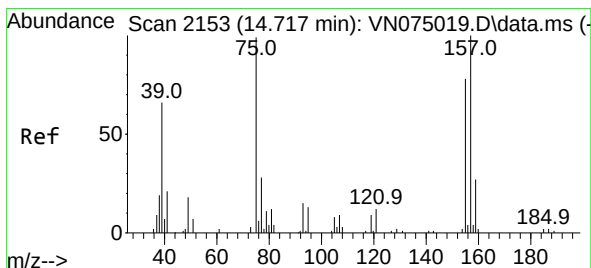
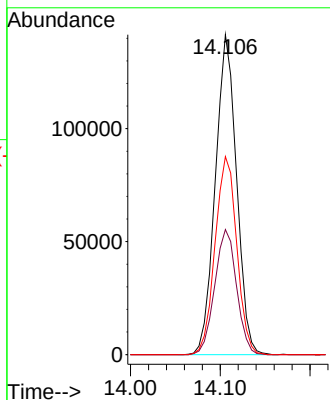
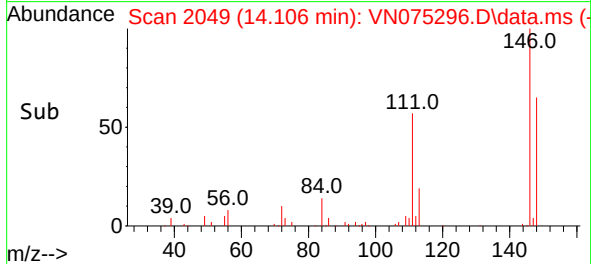
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



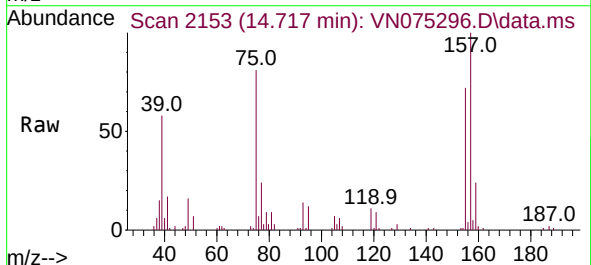
Tgt Ion:146 Resp: 233239
Ion Ratio Lower Upper
146 100
111 40.2 21.3 63.9
148 63.2 31.4 94.2

Manual Integrations
APPROVED

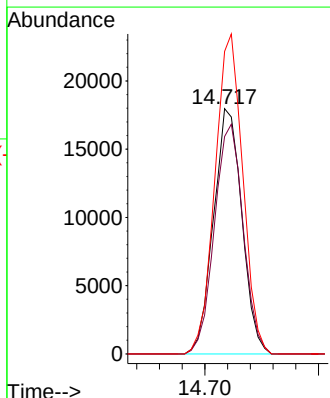
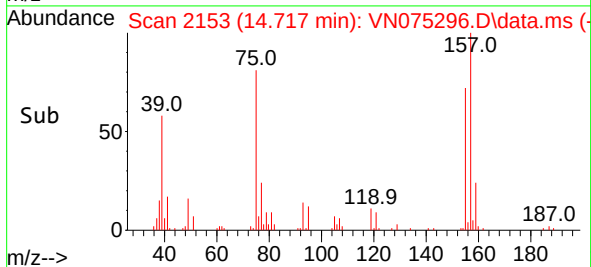
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

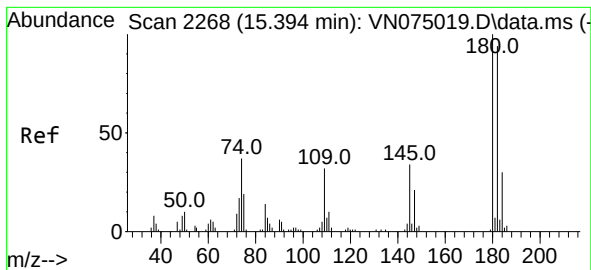


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.086 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. 0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27



Tgt Ion: 75 Resp: 31087
Ion Ratio Lower Upper
75 100
155 94.8 42.1 126.3
157 127.7 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 73.626 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075296.D

Acq: 16 Nov 2022 18:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

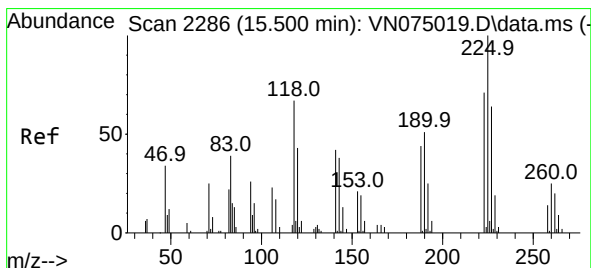
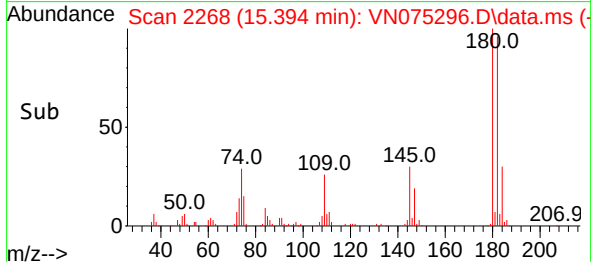
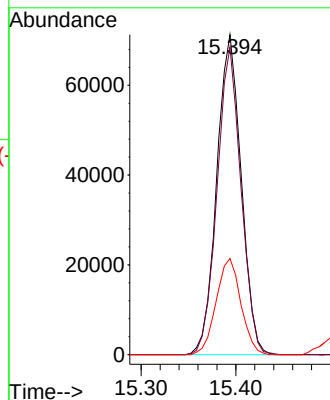
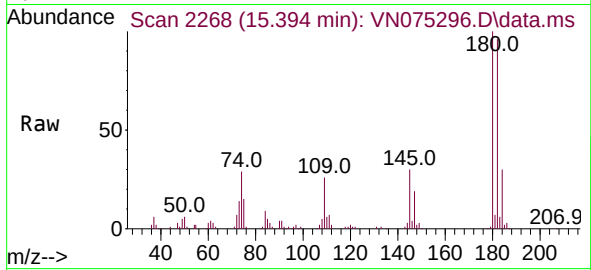
Tgt Ion:180	Resp:	127494
Ion Ratio	Lower	Upper
180	100	
182	94.1	47.8 143.4
145	30.4	16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#94

Hexachlorobutadiene

Concen: 74.164 ug/l

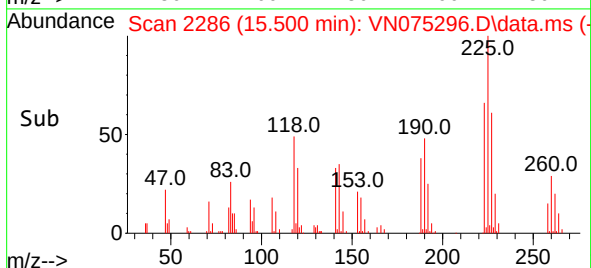
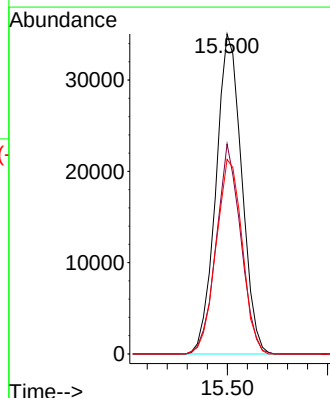
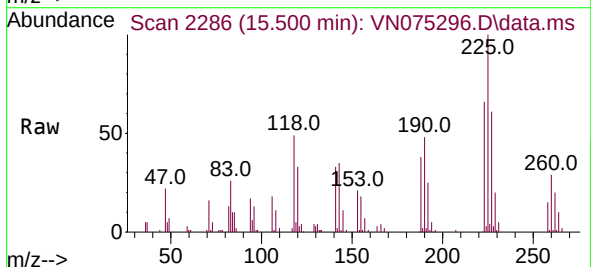
RT: 15.500 min Scan# 2286

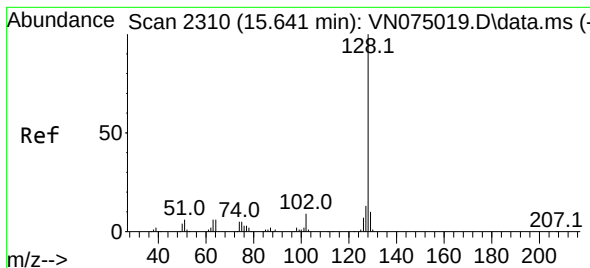
Delta R.T. -0.000 min

Lab File: VN075296.D

Acq: 16 Nov 2022 18:27

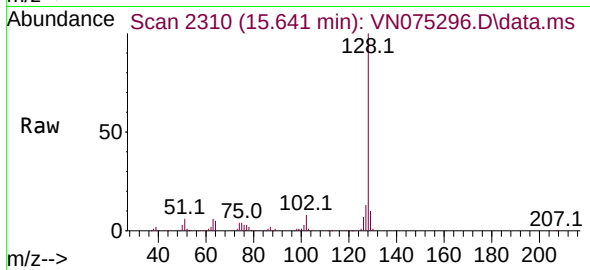
Tgt Ion:225	Resp:	62608
Ion Ratio	Lower	Upper
225	100	
223	62.5	32.3 96.9
227	61.9	32.0 96.2





#95
Naphthalene
Concen: 61.982 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27

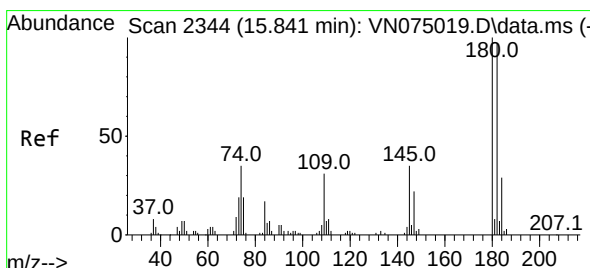
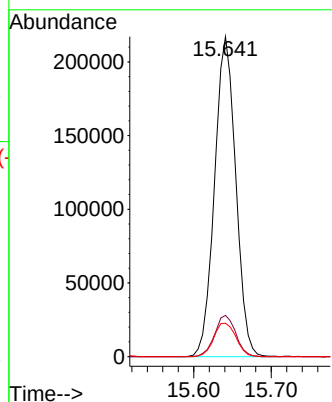
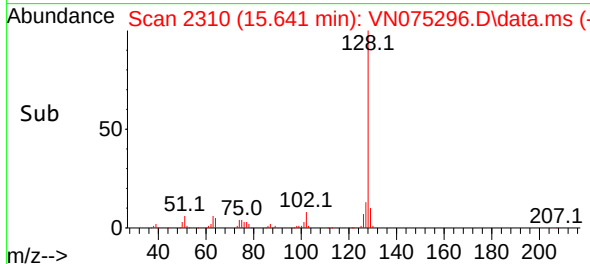
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



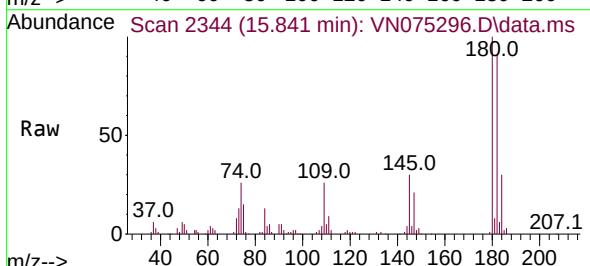
Tgt Ion:128 Resp: 412753
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#96
1,2,3-Trichlorobenzene
Concen: 73.347 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075296.D
Acq: 16 Nov 2022 18:27



Tgt Ion:180 Resp: 126198
Ion Ratio Lower Upper
180 100
182 93.7 47.3 141.8
145 32.0 17.6 52.9

