

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111822\
 Data File : VN075332.D
 Acq On : 18 Nov 2022 23:03
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/21/2022
 Supervised By : Mahesh Dadoda 11/21/2022

Quant Time: Nov 19 05:17:10 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	8.224	168	144250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	236647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	217918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116441	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	70354	36.198	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	72.400%#		
35) Dibromofluoromethane	8.171	113	67390	48.509	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.020%		
50) Toluene-d8	10.565	98	228284	42.354	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	84.700%#		
62) 4-Bromofluorobenzene	12.847	95	91600	48.380	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	75849	40.420	ug/l	97
3) Chloromethane	2.371	50	76101	38.180	ug/l	99
4) Vinyl Chloride	2.524	62	102682	36.111	ug/l	95
5) Bromomethane	2.918	94	78319	37.237	ug/l	99
6) Chloroethane	3.089	64	74373	36.475	ug/l	93
7) Trichlorofluoromethane	3.489	101	138202	47.578	ug/l	100
8) Diethyl Ether	3.965	74	51110	48.240	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	80323	50.072	ug/l	93
10) Methyl Iodide	4.589	142	130499	54.644	ug/l	95
11) Tert butyl alcohol	5.541	59	110702	244.238	ug/l	98
12) 1,1-Dichloroethene	4.347	96	76906	50.296	ug/l	88
13) Acrolein	4.189	56	331871	895.167	ug/l	98
14) Allyl chloride	5.030	41	106495	47.686	ug/l	94
15) Acrylonitrile	5.730	53	235079	245.522	ug/l	98
16) Acetone	4.436	43	187324	227.620	ug/l	92
17) Carbon Disulfide	4.712	76	189134	49.187	ug/l	100
18) Methyl Acetate	5.036	43	133821	49.781	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	276476	48.648	ug/l	100
20) Methylene Chloride	5.277	84	89895	48.991	ug/l	90
21) trans-1,2-Dichloroethene	5.794	96	83994	50.169	ug/l	97
22) Diisopropyl ether	6.677	45	233884	47.456	ug/l	99
23) Vinyl Acetate	6.612	43	849568	206.433	ug/l	97
24) 1,1-Dichloroethane	6.577	63	148183	47.541	ug/l	99
25) 2-Butanone	7.488	43	302214	233.470	ug/l	94
26) 2,2-Dichloropropane	7.488	77	126059	43.962	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	103743	51.888	ug/l	92
28) Bromochloromethane	7.818	49	48571	36.966	ug/l	87
29) Tetrahydrofuran	7.841	42	192427	230.050	ug/l	98
30) Chloroform	7.971	83	165401	48.874	ug/l	100
31) Cyclohexane	8.259	56	126722	43.838	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	153542	49.961	ug/l	97
36) 1,1-Dichloropropene	8.377	75	118544	55.117	ug/l	97
37) Ethyl Acetate	7.565	43	113004	47.909	ug/l	97
38) Carbon Tetrachloride	8.365	117	136729	57.792	ug/l	97
39) Methylcyclohexane	9.600	83	153119	53.927	ug/l	98
40) Benzene	8.606	78	363887	55.257	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	57222	50.636	ug/l	93
42) 1,2-Dichloroethane	8.677	62	122847	51.274	ug/l	95
43) Isopropyl Acetate	8.688	43	196391	53.678	ug/l	99
44) Trichloroethene	9.353	130	98922	59.873	ug/l	96
45) 1,2-Dichloropropane	9.624	63	88526	56.487	ug/l	93
46) Dibromomethane	9.712	93	66858	54.758	ug/l	90
47) Bromodichloromethane	9.888	83	131729	55.712	ug/l	96
48) Methyl methacrylate	9.682	41	85283	50.815	ug/l	96
49) 1,4-Dioxane	9.700	88	49944	1136.431	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	611724	259.099	ug/l	96
52) Toluene	10.629	92	244617	55.568	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	138763	55.601	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	149164	56.351	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	99322	56.902	ug/l	98
56) Ethyl methacrylate	10.876	69	148886	55.919	ug/l	96
57) 1,3-Dichloropropane	11.165	76	159526	54.880	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	236327	229.595	ug/l	97
59) 2-Hexanone	11.194	43	469218	261.856	ug/l	97
60) Dibromochloromethane	11.359	129	113221	61.481	ug/l	99
61) 1,2-Dibromoethane	11.470	107	104018	58.150	ug/l	100
64) Tetrachloroethene	11.106	164	87784	65.705	ug/l	92
65) Chlorobenzene	11.894	112	266220	57.233	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	103349	59.895	ug/l	98
67) Ethyl Benzene	11.965	91	474245	56.669	ug/l	96
68) m/p-Xylenes	12.070	106	383809	114.299	ug/l	99
69) o-Xylene	12.400	106	192572	57.989	ug/l	96
70) Styrene	12.412	104	314527	59.400	ug/l	98
71) Bromoform	12.576	173	88427	68.448	ug/l #	98
73) Isopropylbenzene	12.694	105	492486	52.683	ug/l	97
74) N-amyl acetate	12.494	43	174287	50.410	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	153552	57.388	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	129211m	52.262	ug/l	
77) Bromobenzene	12.982	156	122812	59.666	ug/l	86
78) n-propylbenzene	13.035	91	567871	54.107	ug/l	99
79) 2-Chlorotoluene	13.123	91	339465	52.930	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	432052	55.027	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	52137	54.133	ug/l	86
82) 4-Chlorotoluene	13.123	91	339465	52.930	ug/l	96
83) tert-Butylbenzene	13.441	119	387359	55.522	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	435844	54.864	ug/l	98
85) sec-Butylbenzene	13.617	105	548546	56.205	ug/l	100
86) p-Isopropyltoluene	13.729	119	470880	58.419	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	236982	58.803	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	235957	59.159	ug/l	97
89) n-Butylbenzene	14.059	91	385547	59.399	ug/l	99
90) Hexachloroethane	14.335	117	78895	53.385	ug/l	82
91) 1,2-Dichlorobenzene	14.106	146	232509	58.032	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	33390	52.953	ug/l	84
93) 1,2,4-Trichlorobenzene	15.394	180	130023	75.416	ug/l	99
94) Hexachlorobutadiene	15.500	225	64400	76.622	ug/l	98
95) Naphthalene	15.641	128	425374	64.158	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	129823	75.785	ug/l	97

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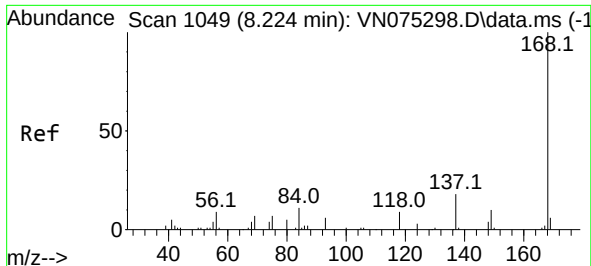
Manual Integrations
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Response via : Initial Calibration

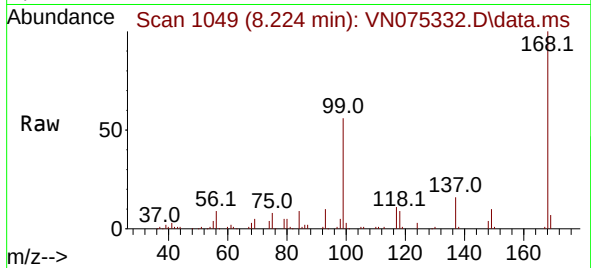
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
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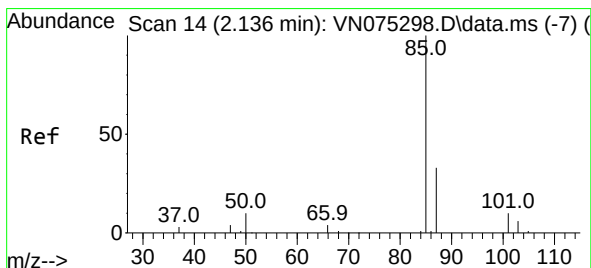
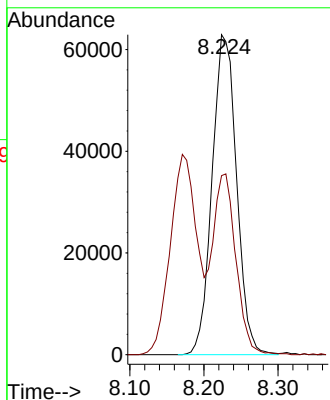
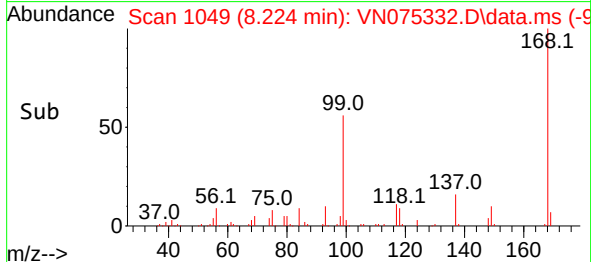
Instrument :
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Tgt Ion:168 Resp: 144250
Ion Ratio Lower Upper
168 100
99 55.7 51.6 77.4

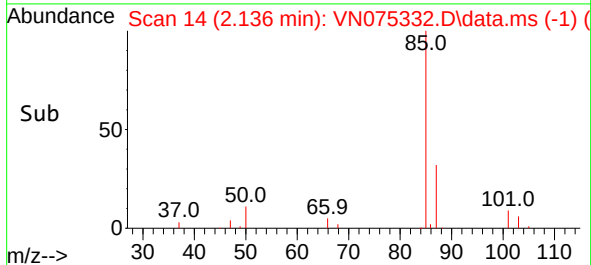
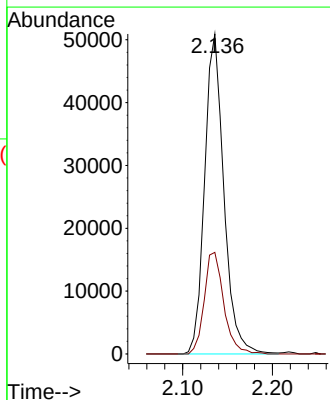
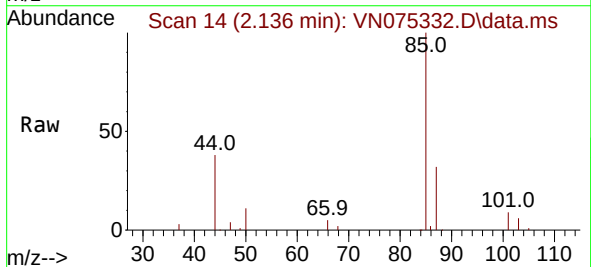
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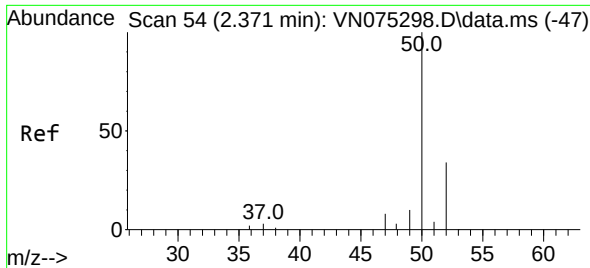
Reviewed By :John Carlone 11/21/2022
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#2
Dichlorodifluoromethane
Concen: 40.420 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075332.D
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Tgt Ion: 85 Resp: 75849
Ion Ratio Lower Upper
85 100
87 31.7 16.7 50.0





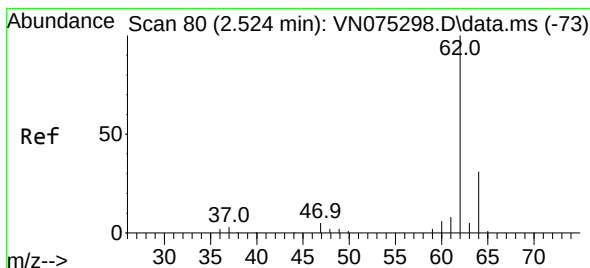
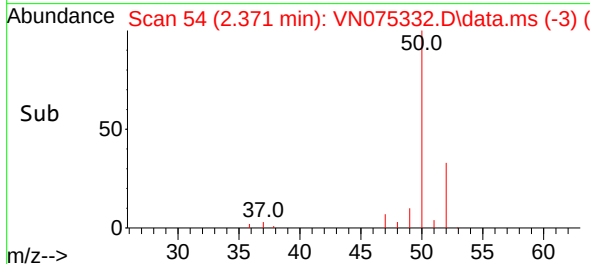
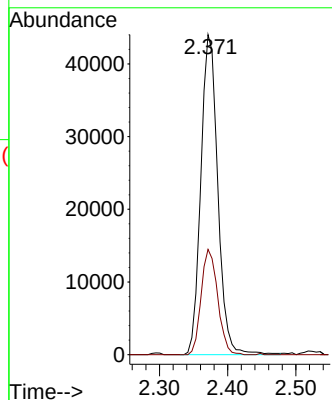
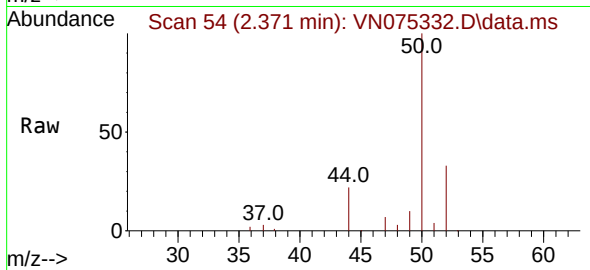
#3
Chloromethane
Concen: 38.180 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075332.D
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Tgt Ion: 50 Resp: 7610
Ion Ratio Lower Upper
50 100
52 32.9 25.8 38.6

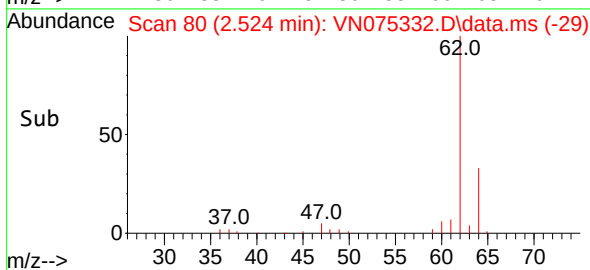
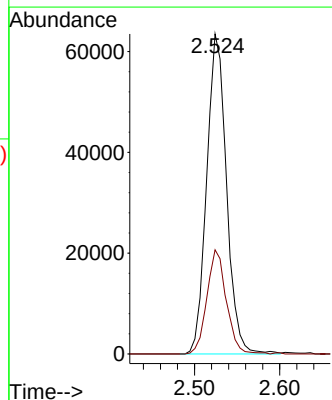
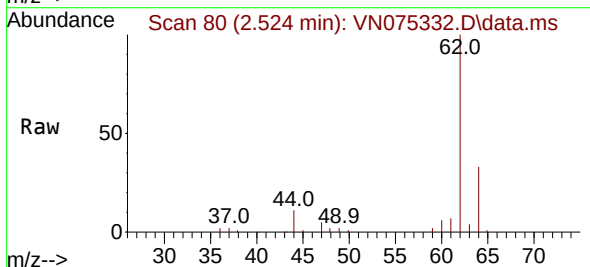
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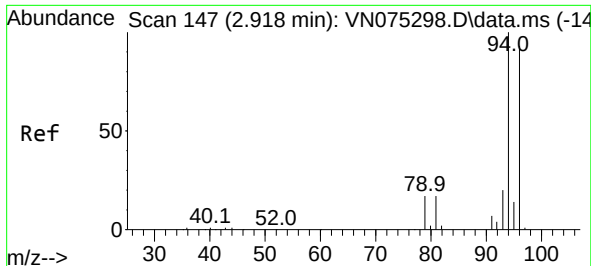
Reviewed By :John Carlone 11/21/2022
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#4
Vinyl Chloride
Concen: 36.111 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075332.D
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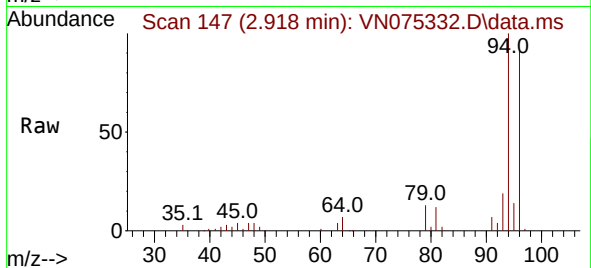
Tgt Ion: 62 Resp: 102682
Ion Ratio Lower Upper
62 100
64 32.6 24.0 36.0





#5
Bromomethane
Concen: 37.237 ug/l
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075332.D
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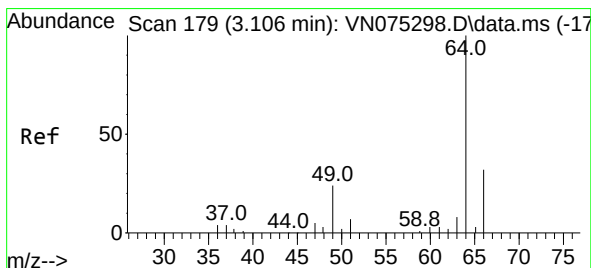
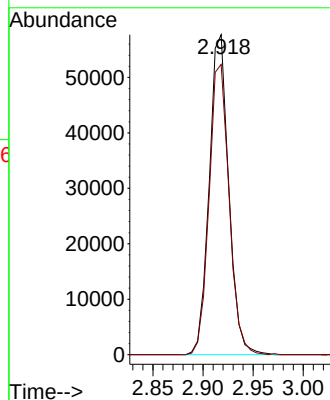
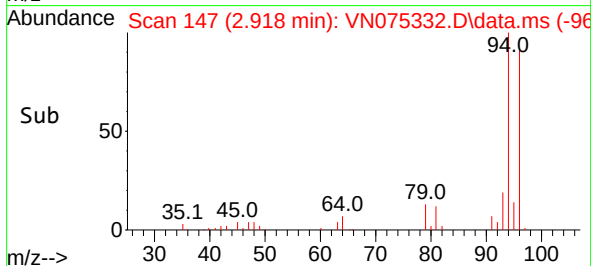
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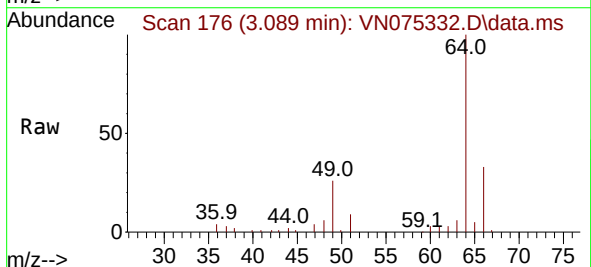
Tgt Ion: 94 Resp: 78319
Ion Ratio Lower Upper
94 100
96 90.7 71.8 107.6

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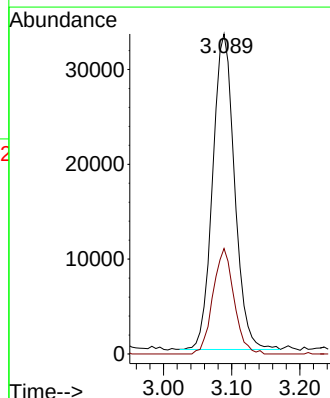
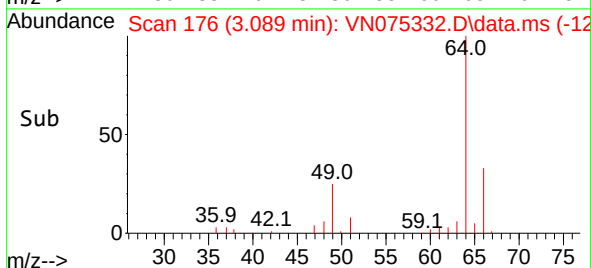
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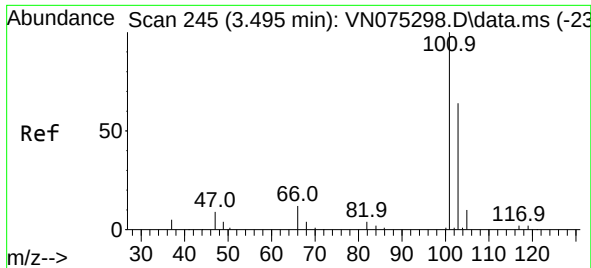


#6
Chloroethane
Concen: 36.475 ug/l
RT: 3.089 min Scan# 176
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 74373
Ion Ratio Lower Upper
64 100
66 33.4 23.8 35.8





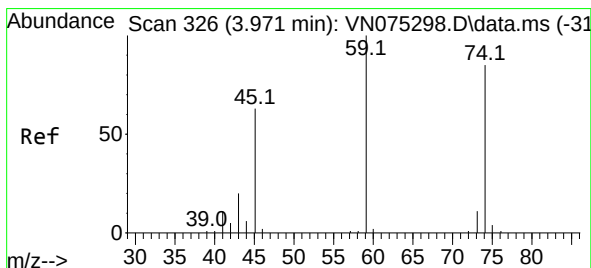
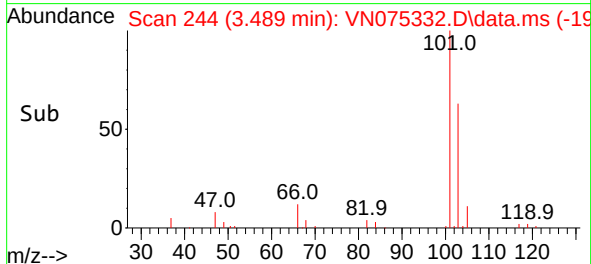
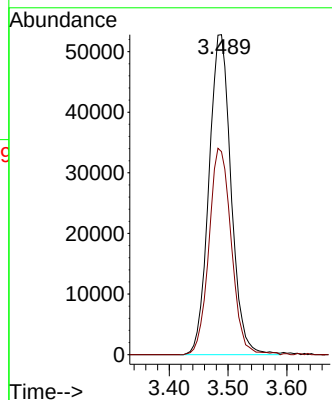
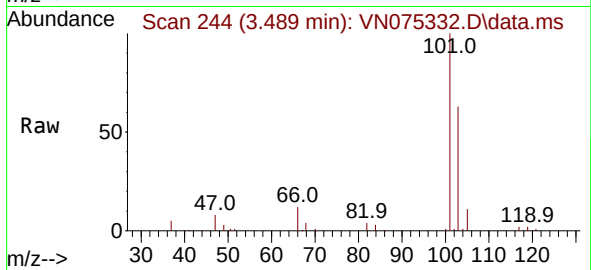
#7
Trichlorofluoromethane
Concen: 47.578 ug/l
RT: 3.489 min Scan# 245
Delta R.T. -0.000 min
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Tgt Ion:101 Resp: 13820
Ion Ratio Lower Upper
101 100
103 63.5 50.5 75.7

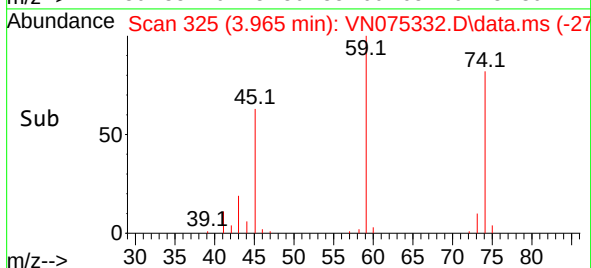
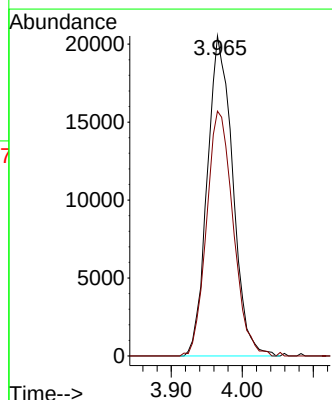
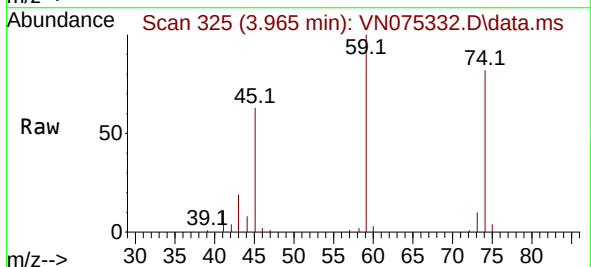
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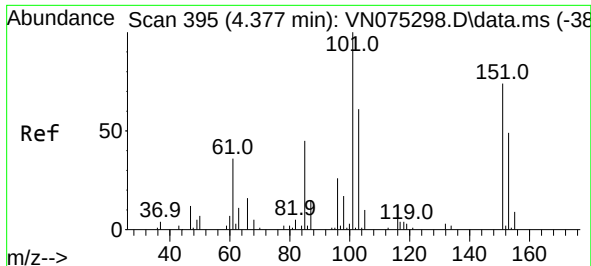
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#8
Diethyl Ether
Concen: 48.240 ug/l
RT: 3.965 min Scan# 325
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 51110
Ion Ratio Lower Upper
74 100
45 79.8 39.3 117.9





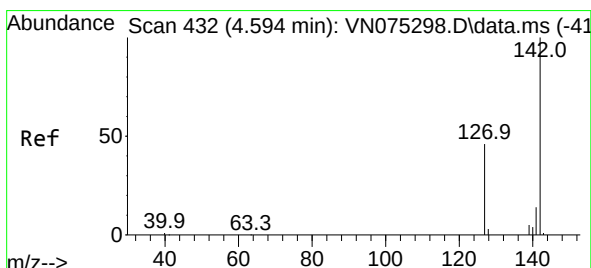
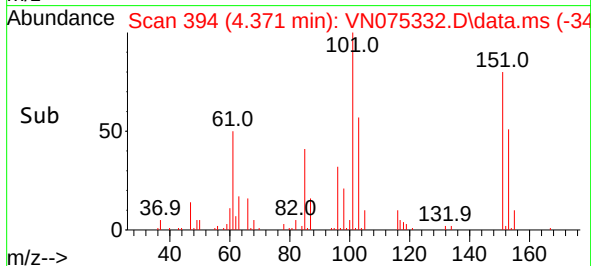
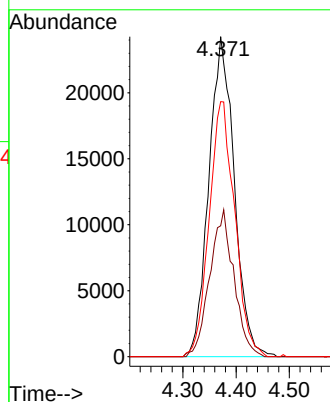
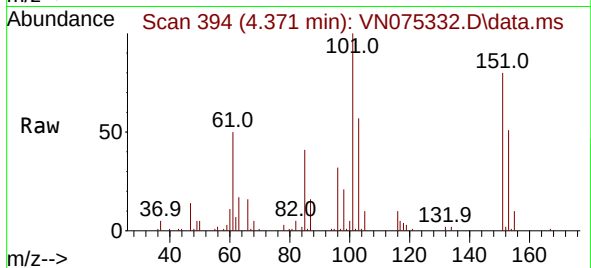
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.072 ug/l
 RT: 4.371 min Scan# 395
 Delta R.T. -0.012 min
 Lab File: VN075332.D
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 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 8032
 Ion Ratio Lower Upper
 101 100
 85 43.6 37.6 56.4
 151 80.3 58.3 87.5

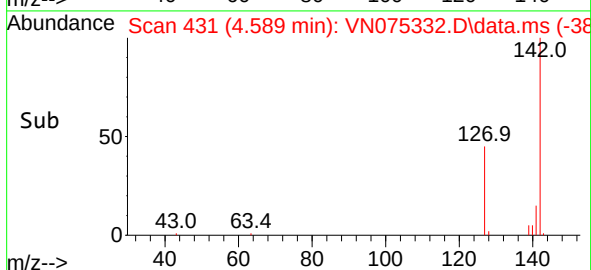
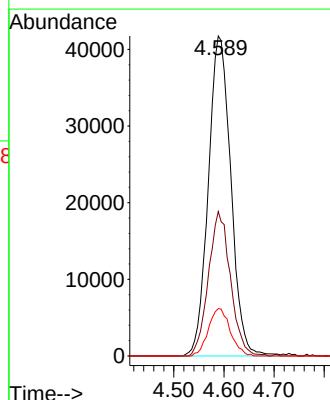
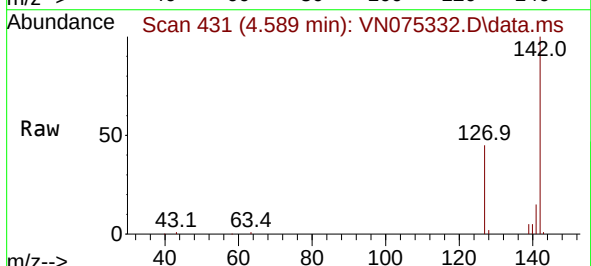
Manual Integrations
 APPROVED

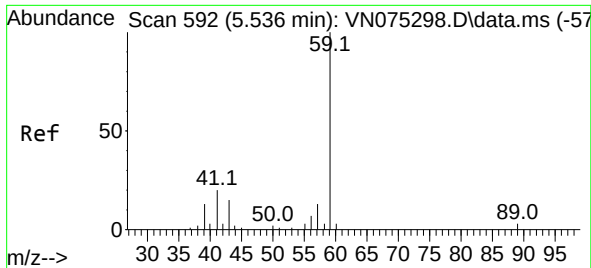
Reviewed By :John Carlone 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#10
 Methyl Iodide
 Concen: 54.644 ug/l
 RT: 4.589 min Scan# 431
 Delta R.T. -0.006 min
 Lab File: VN075332.D
 Acq: 18 Nov 2022 23:03

Tgt Ion:142 Resp: 130499
 Ion Ratio Lower Upper
 142 100
 127 43.9 38.0 57.0
 141 14.4 12.2 18.4





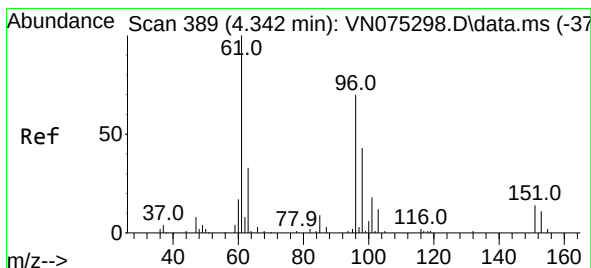
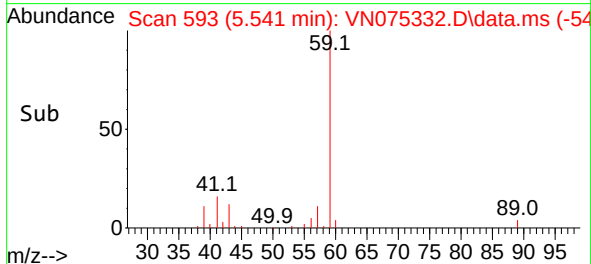
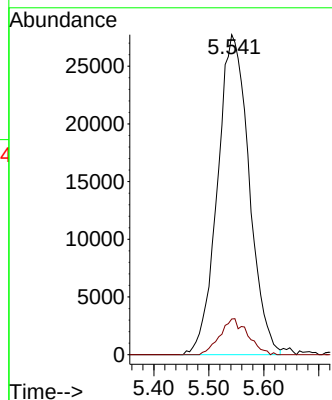
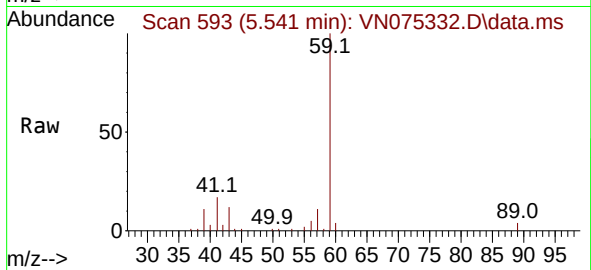
#11
Tert butyl alcohol
Concen: 244.238 ug/l
RT: 5.541 min Scan# 59
Delta R.T. -0.001 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 11070
Ion Ratio Lower Upper
59 100
57 9.9 8.5 12.7

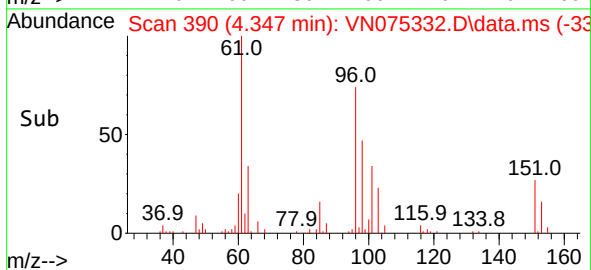
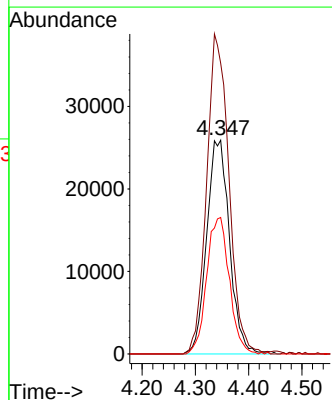
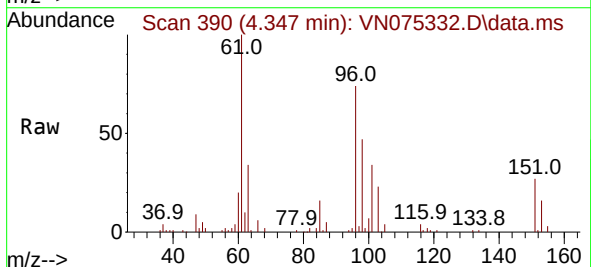
Manual Integrations
APPROVED

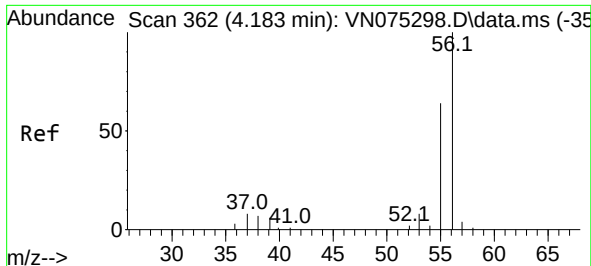
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#12
1,1-Dichloroethene
Concen: 50.296 ug/l
RT: 4.347 min Scan# 390
Delta R.T. -0.001 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

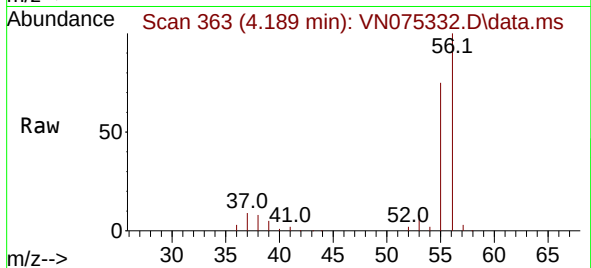
Tgt Ion: 96 Resp: 76906
Ion Ratio Lower Upper
96 100
61 136.0 126.2 189.4
98 63.8 51.5 77.3





#13
Acrolein
Concen: 895.167 ug/l
RT: 4.189 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

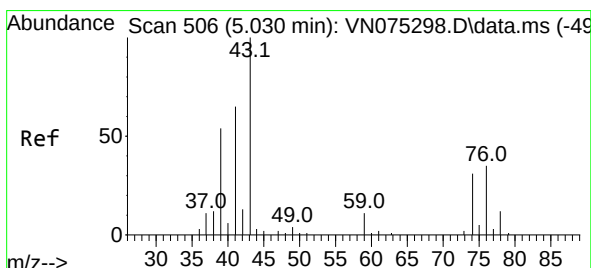
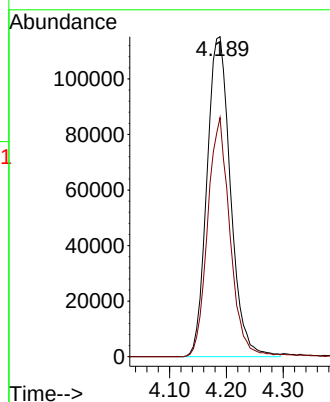
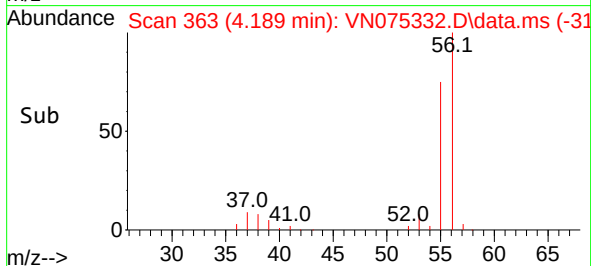
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



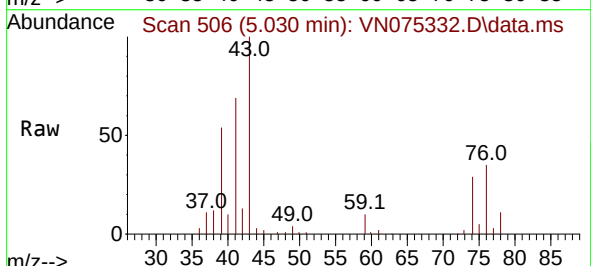
Tgt Ion: 56 Resp: 33187
Ion Ratio Lower Upper
56 100
55 70.9 55.2 82.8

Manual Integrations
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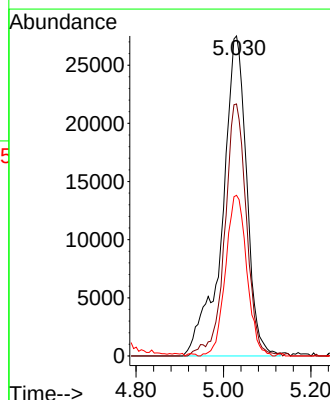
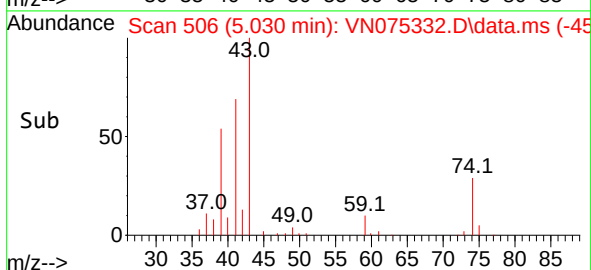
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

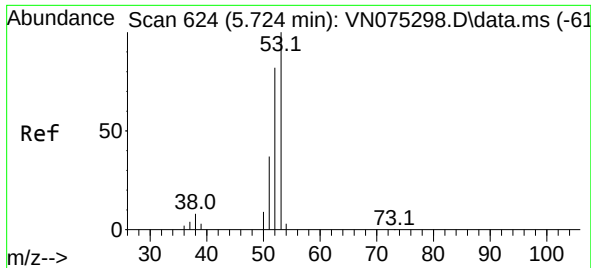


#14
Allyl chloride
Concen: 47.686 ug/l
RT: 5.030 min Scan# 506
Delta R.T. 0.006 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03



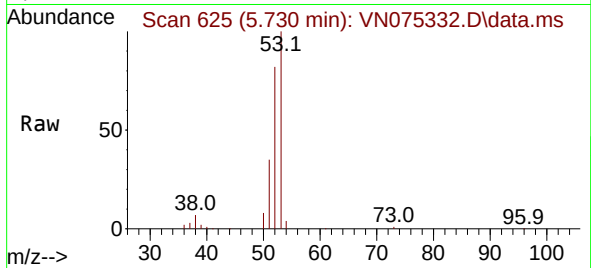
Tgt Ion: 41 Resp: 106495
Ion Ratio Lower Upper
41 100
39 69.9 61.0 91.4
76 43.8 33.4 50.0





#15
Acrylonitrile
Concen: 245.522 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

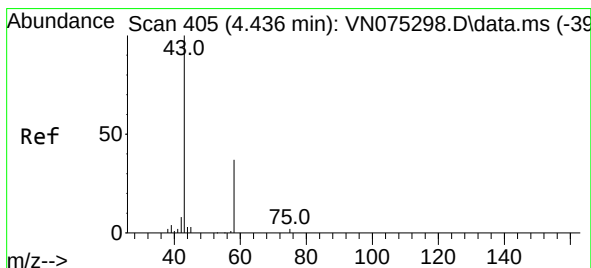
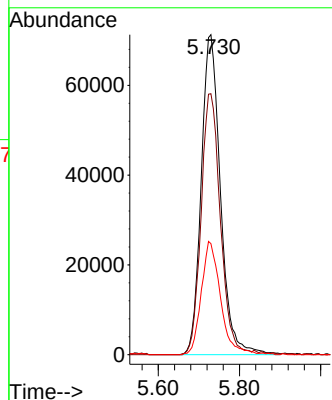
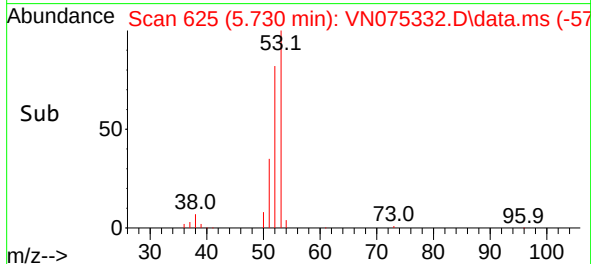
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 235079
Ion Ratio Lower Upper
53 100
52 81.5 66.4 99.6
51 35.3 29.6 44.4

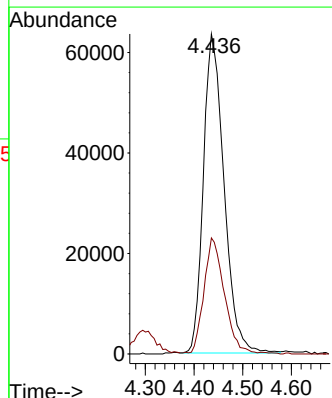
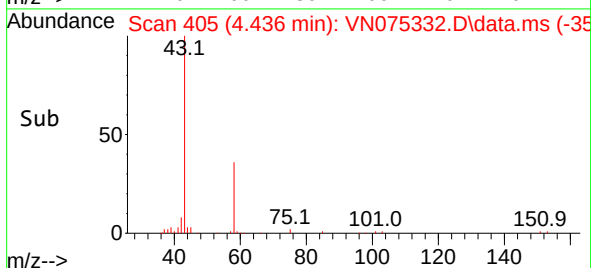
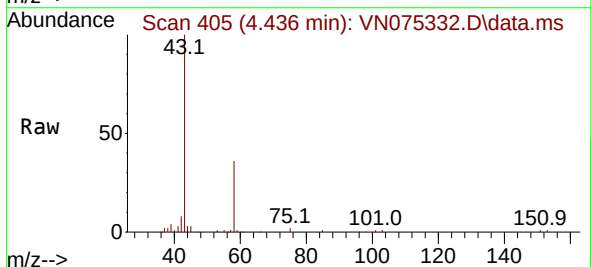
Manual Integrations
APPROVED

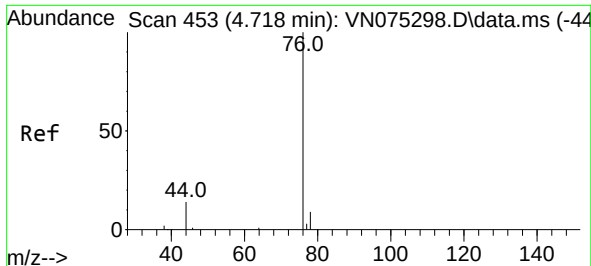
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#16
Acetone
Concen: 227.620 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

Tgt Ion: 43 Resp: 187324
Ion Ratio Lower Upper
43 100
58 36.3 25.5 38.3





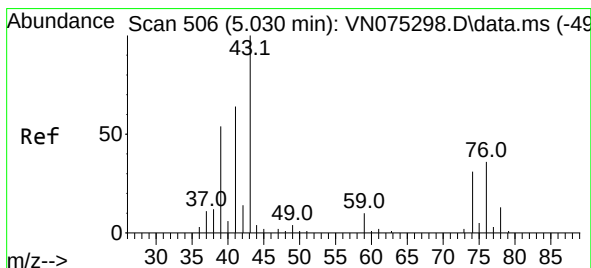
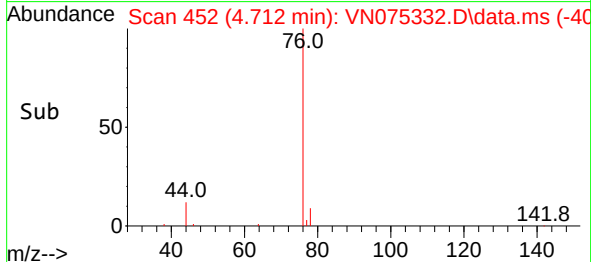
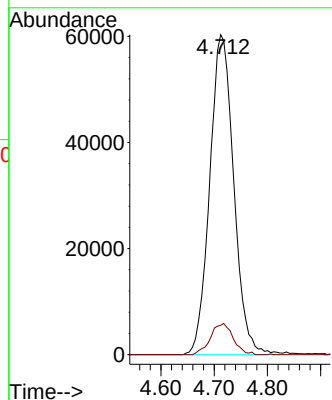
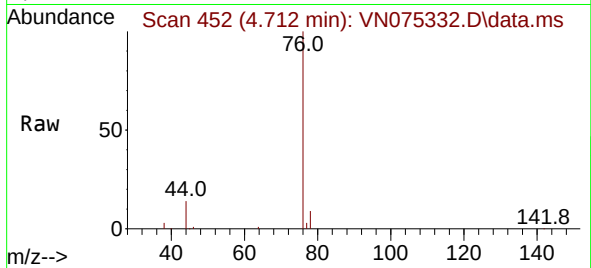
#17
Carbon Disulfide
Concen: 49.187 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 189134
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

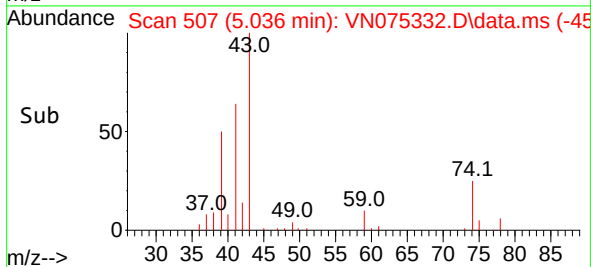
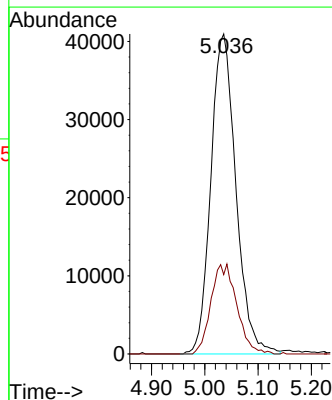
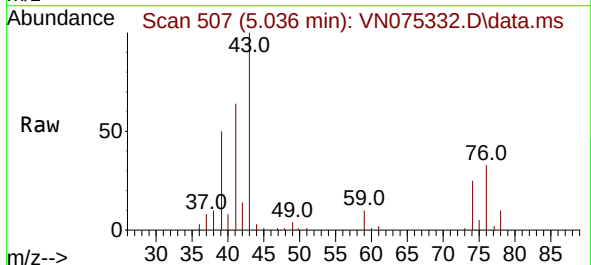
Manual Integrations
APPROVED

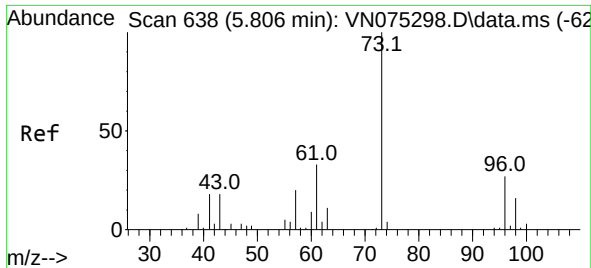
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#18
Methyl Acetate
Concen: 49.781 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

Tgt Ion: 43 Resp: 133821
Ion Ratio Lower Upper
43 100
74 29.0 22.0 33.0





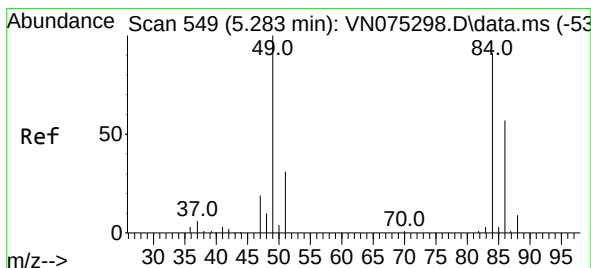
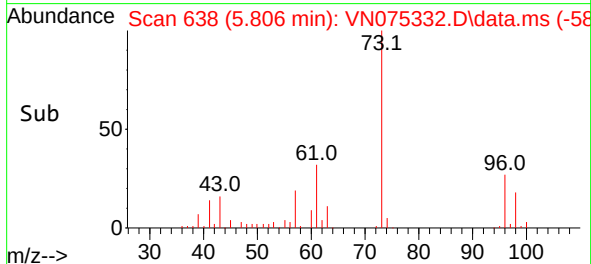
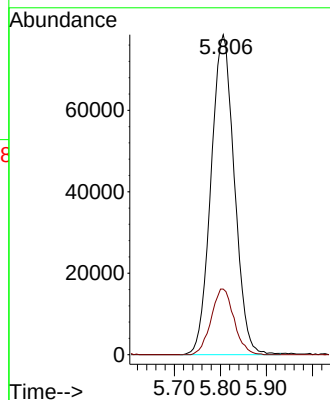
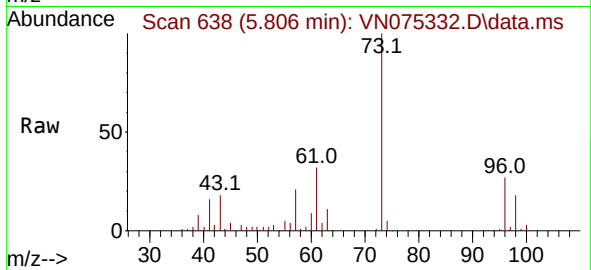
#19
Methyl tert-butyl Ether
Concen: 48.648 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 276470
Ion Ratio Lower Upper
73 100
57 20.5 16.3 24.5

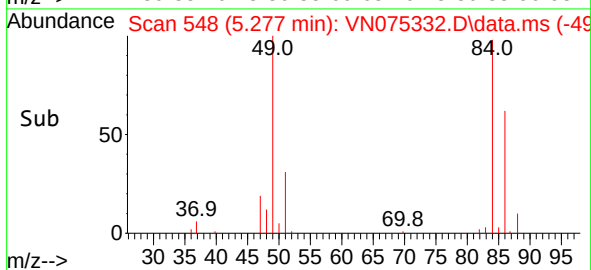
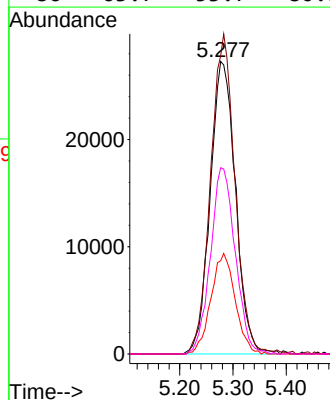
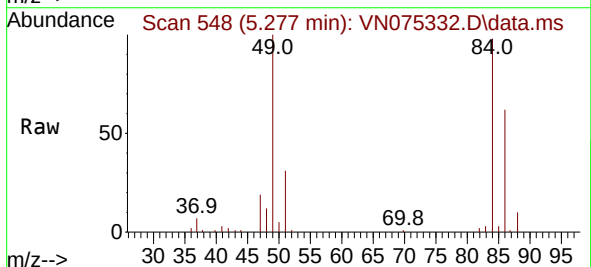
Manual Integrations
APPROVED

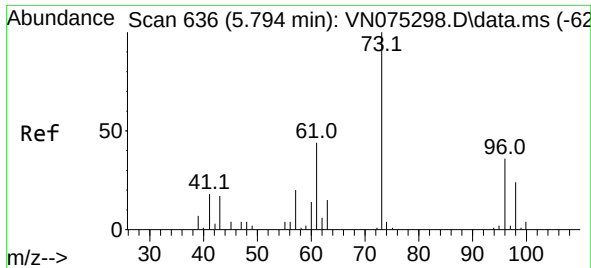
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#20
Methylene Chloride
Concen: 48.991 ug/l
RT: 5.277 min Scan# 548
Delta R.T. -0.006 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

Tgt Ion: 84 Resp: 89895
Ion Ratio Lower Upper
84 100
49 102.0 94.9 142.3
51 31.9 26.8 40.2
86 63.7 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 50.169 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

Instrument :

MSVOA_N

ClientSampleId :

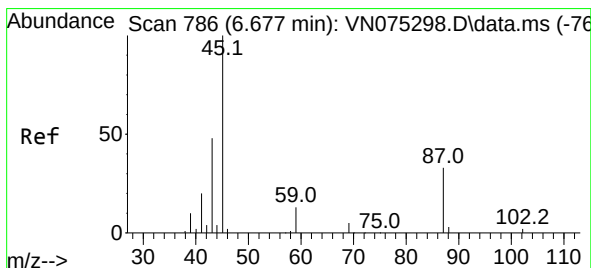
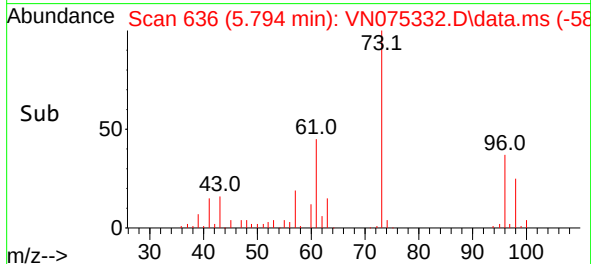
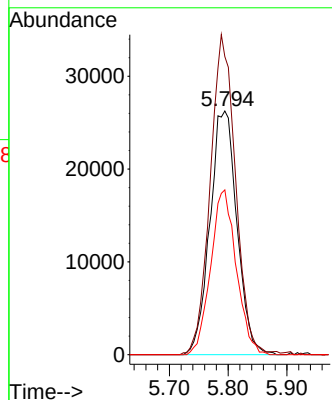
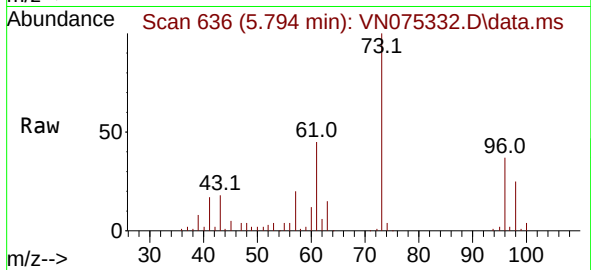
VSTDCCC050EC

Tgt Ion: 96 Resp: 83994
Ion Ratio Lower Upper
96 100
61 122.3 99.9 149.9
98 67.6 51.5 77.3

Manual Integrations

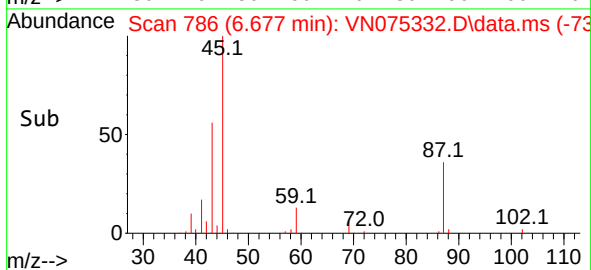
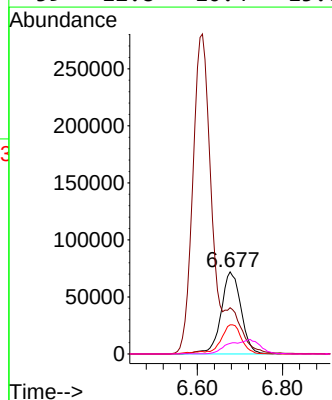
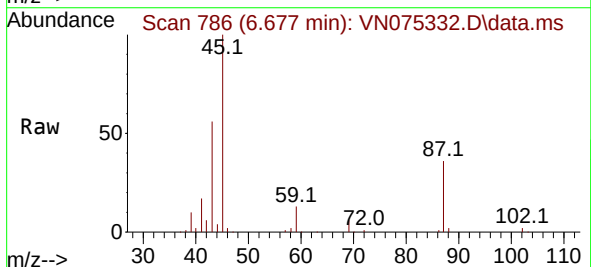
APPROVED

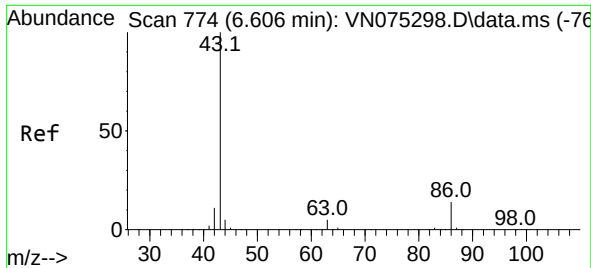
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#22
Diisopropyl ether
Concen: 47.456 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

Tgt Ion: 45 Resp: 233884
Ion Ratio Lower Upper
45 100
43 55.0 42.8 64.2
87 35.5 28.4 42.6
59 12.8 10.4 15.6





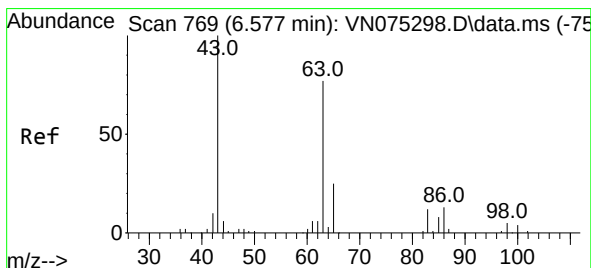
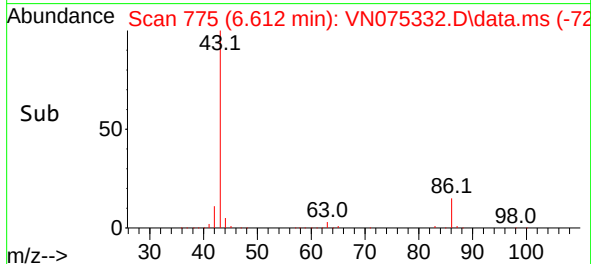
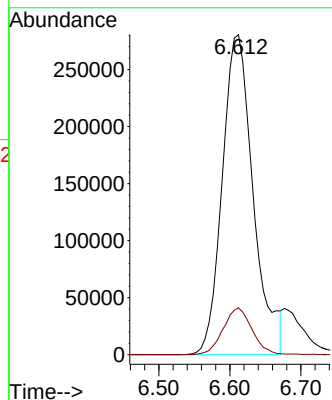
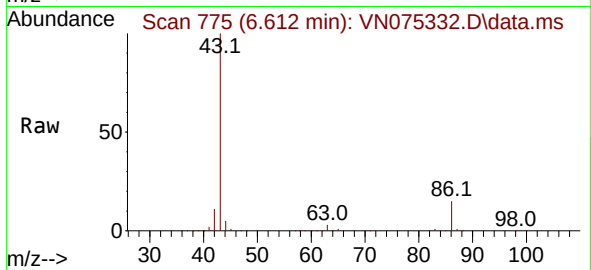
#23
 Vinyl Acetate
 Concen: 206.433 ug/l
 RT: 6.612 min Scan# 774
 Delta R.T. -0.000 min
 Lab File: VN075332.D
 Acq: 18 Nov 2022 23:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 84956
 Ion Ratio Lower Upper
 43 100
 86 14.6 10.7 16.1

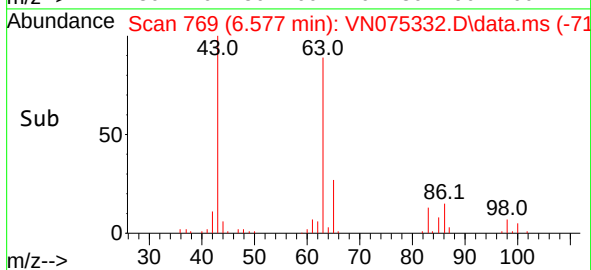
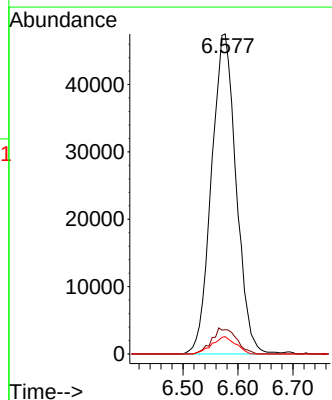
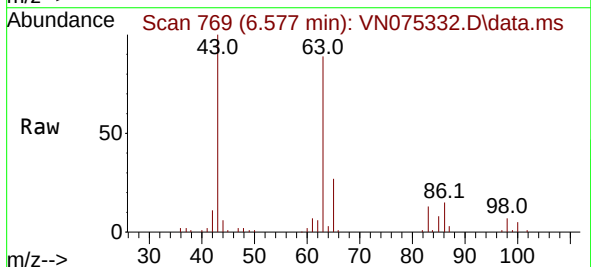
Manual Integrations
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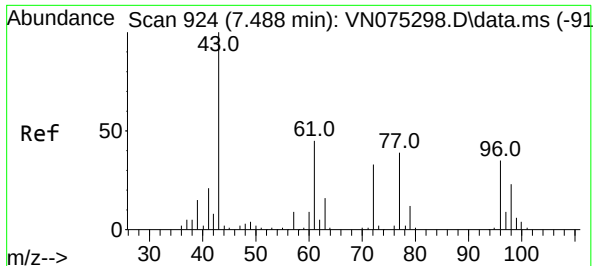
Reviewed By :John Carlone 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#24
 1,1-Dichloroethane
 Concen: 47.541 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075332.D
 Acq: 18 Nov 2022 23:03

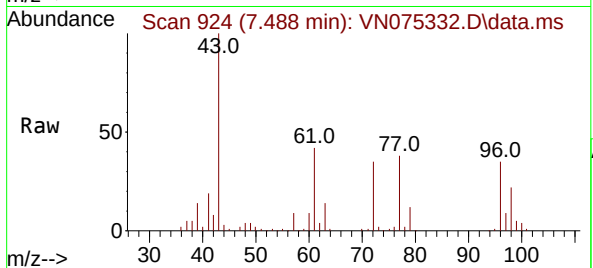
Tgt Ion: 63 Resp: 148183
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.8
 100 5.4 2.4 7.2





#25
2-Butanone
Concen: 233.470 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

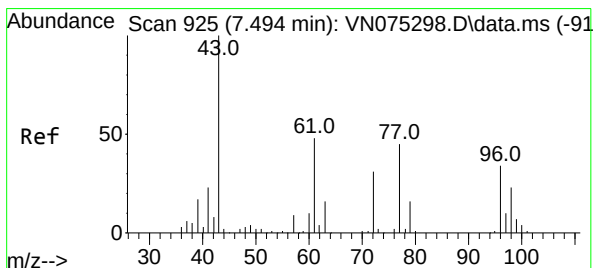
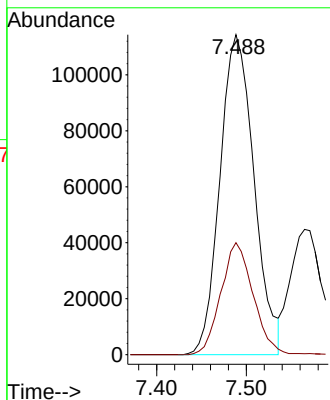
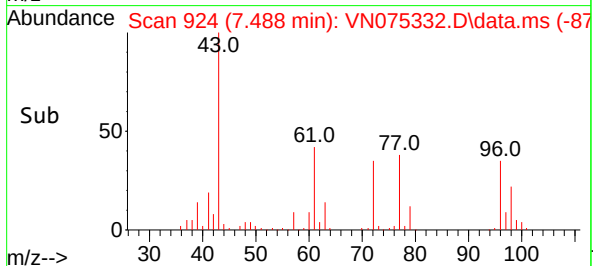
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



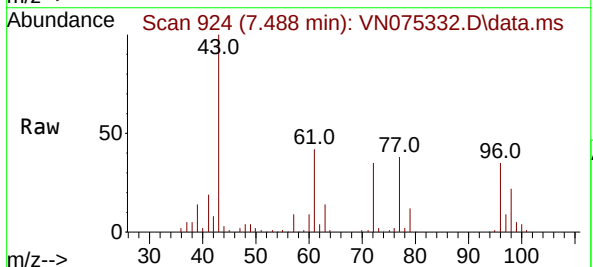
Tgt Ion: 43 Resp: 302214
Ion Ratio Lower Upper
43 100
72 35.0 25.5 38.3

Manual Integrations
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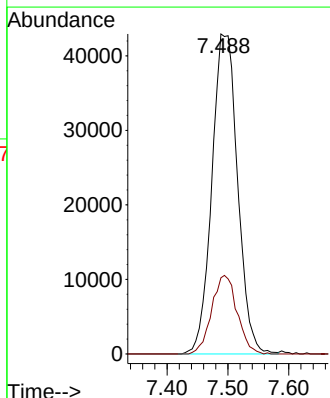
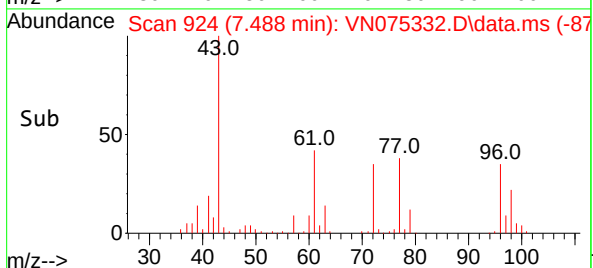
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

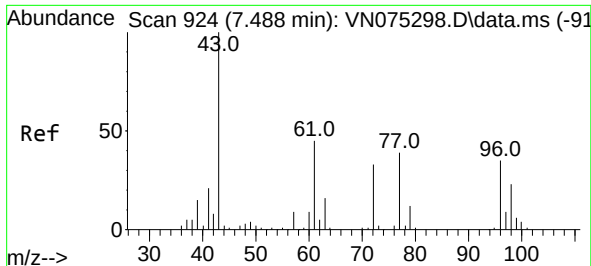


#26
2,2-Dichloropropane
Concen: 43.962 ug/l
RT: 7.488 min Scan# 924
Delta R.T. -0.012 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03



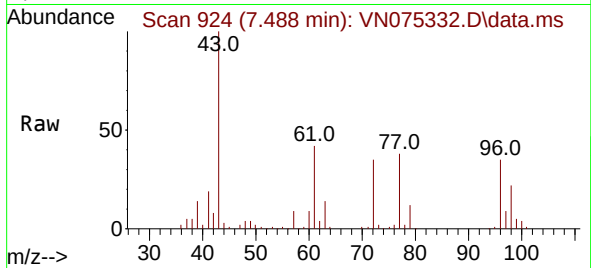
Tgt Ion: 77 Resp: 126059
Ion Ratio Lower Upper
77 100
97 24.2 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 51.888 ug/l
 RT: 7.488 min Scan# 91
 Delta R.T. -0.001 min
 Lab File: VN075332.D
 Acq: 18 Nov 2022 23:03

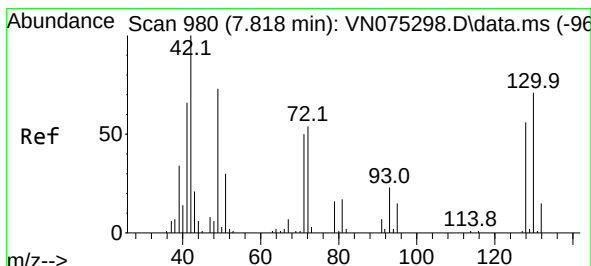
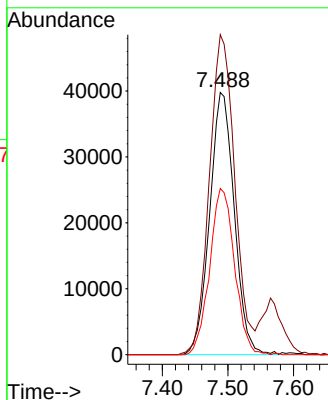
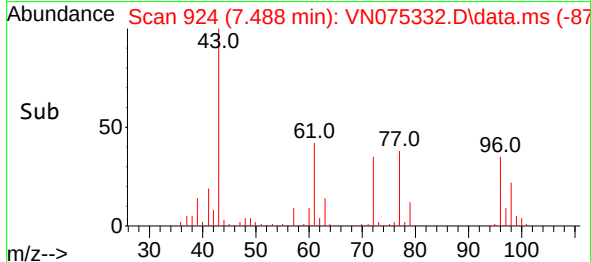
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 10374
 Ion Ratio Lower Upper
 96 100
 61 125.9 0.0 278.8
 98 63.9 0.0 128.4

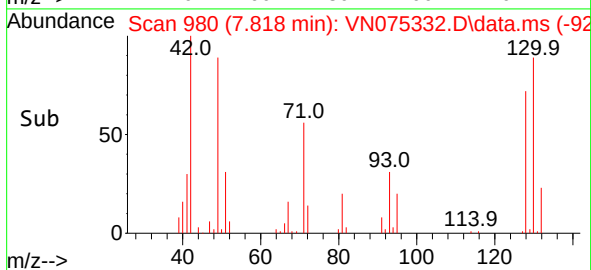
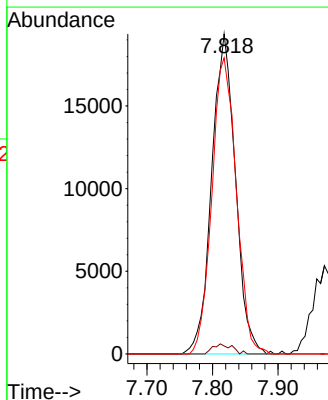
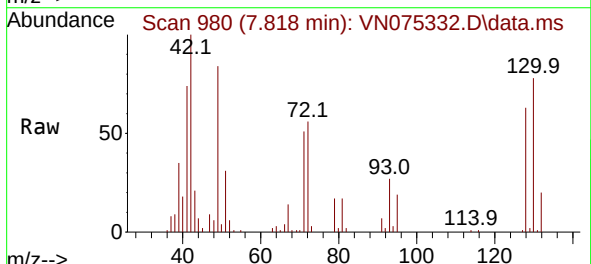
Manual Integrations
 APPROVED

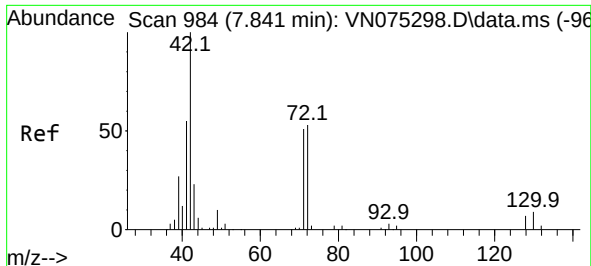
Reviewed By :John Carlone 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#28
 Bromochloromethane
 Concen: 36.966 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075332.D
 Acq: 18 Nov 2022 23:03

Tgt Ion: 49 Resp: 48571
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.6
 130 95.1 66.2 99.4





#29

Tetrahydrofuran

Concen: 230.050 ug/l

RT: 7.841 min Scan# 984

Delta R.T. -0.006 min

Lab File: VN075332.D

Acq: 18 Nov 2022 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 19242

Ion Ratio Lower Upper

42 100

72 55.1 43.0 64.6

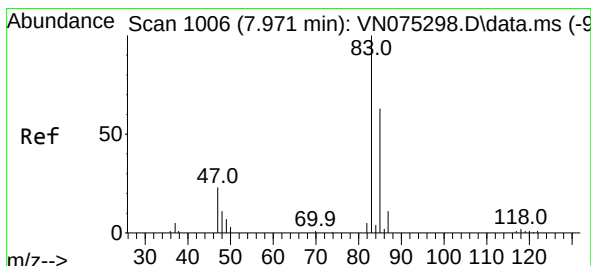
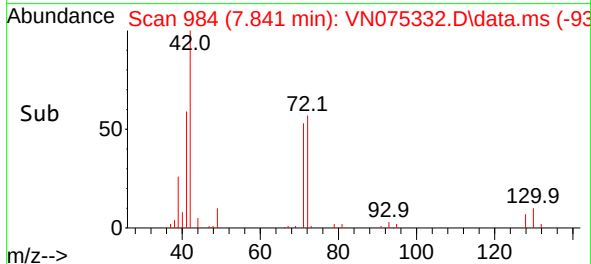
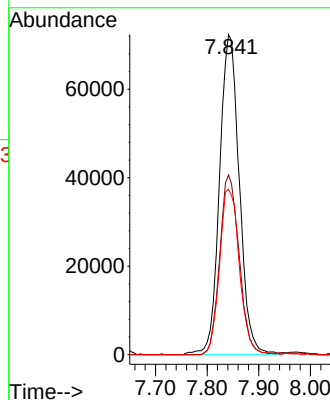
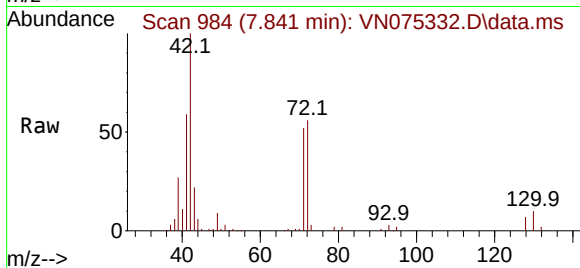
71 52.0 39.9 59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#30

Chloroform

Concen: 48.874 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN075332.D

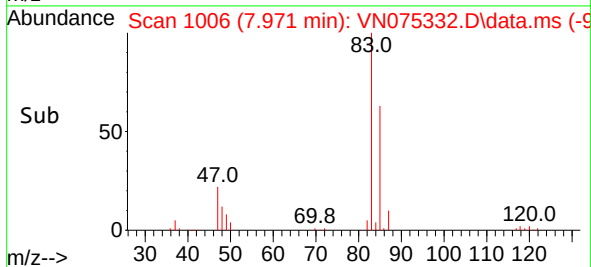
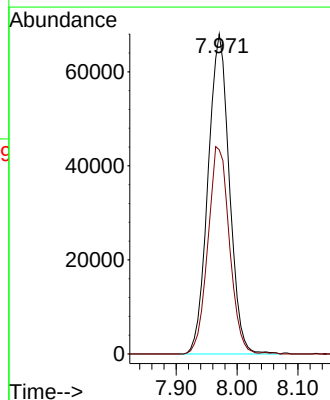
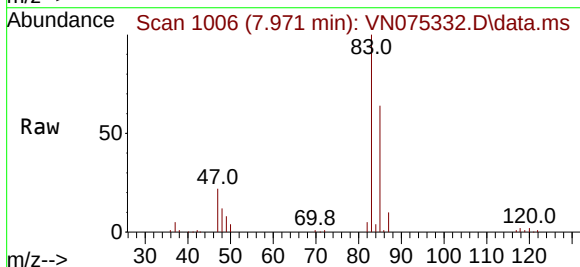
Acq: 18 Nov 2022 23:03

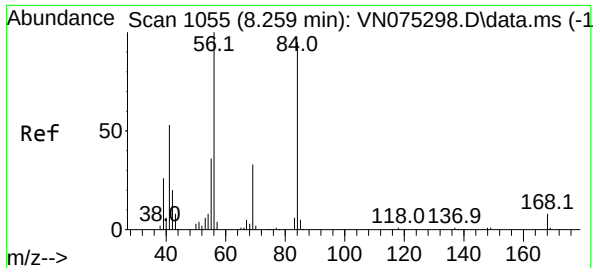
Tgt Ion: 83 Resp: 165401

Ion Ratio Lower Upper

83 100

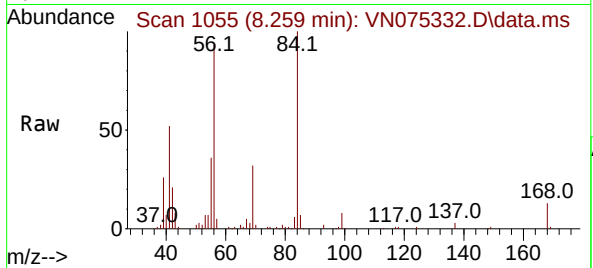
85 63.8 51.4 77.0





#31
Cyclohexane
Concen: 43.838 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

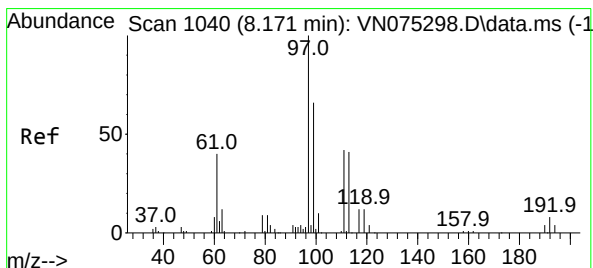
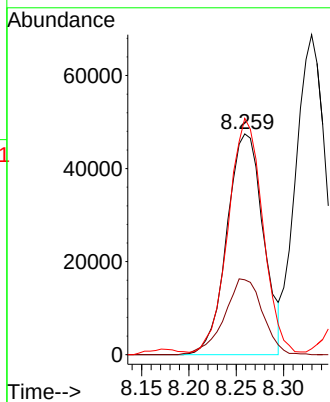
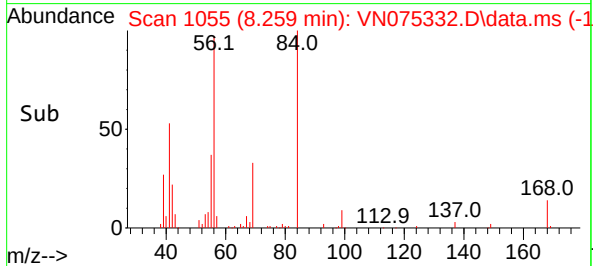
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



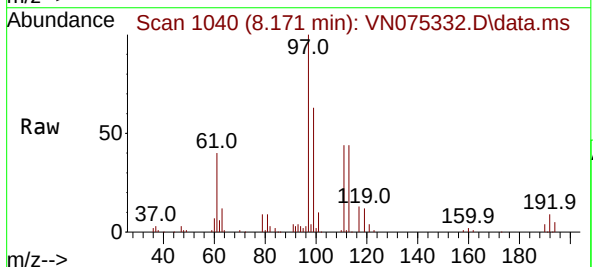
Tgt Ion: 56 Resp: 12672
Ion Ratio Lower Upper
56 100
69 33.9 25.2 37.8
84 105.6 77.8 116.8

Manual Integrations
APPROVED

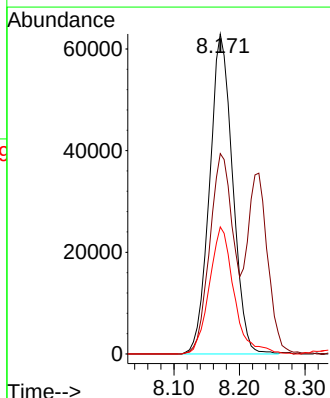
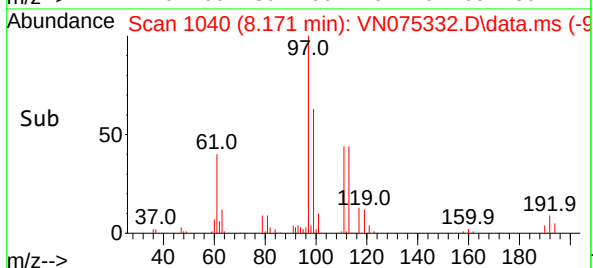
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

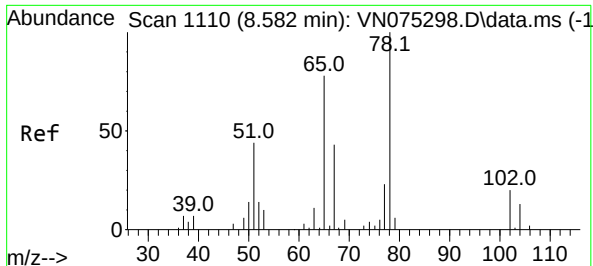


#32
1,1,1-Trichloroethane
Concen: 49.961 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03



Tgt Ion: 97 Resp: 153542
Ion Ratio Lower Upper
97 100
99 63.9 50.2 75.2
61 42.5 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 36.198 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.006 min

Lab File: VN075332.D

Acq: 18 Nov 2022 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 70354

Ion Ratio Lower Upper

65 100

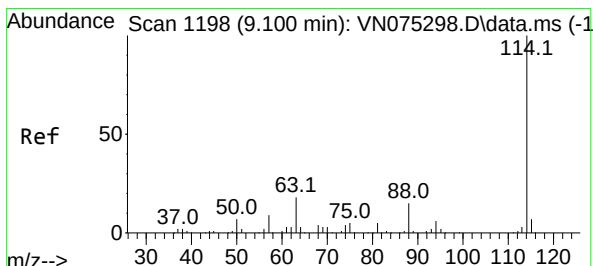
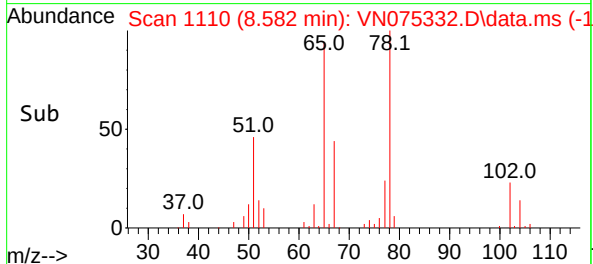
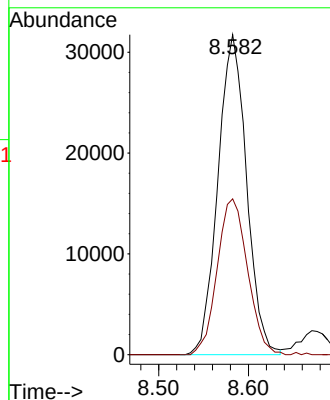
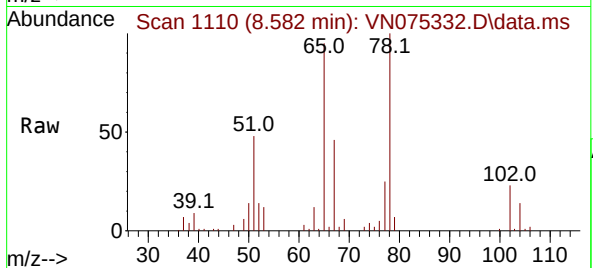
67 51.6 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075332.D

Acq: 18 Nov 2022 23:03

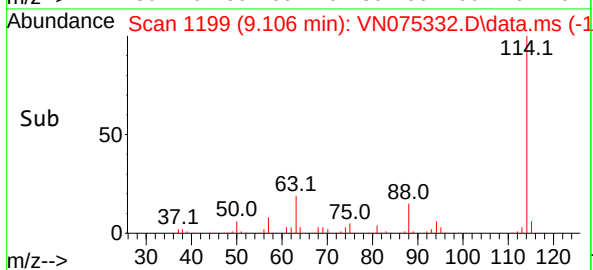
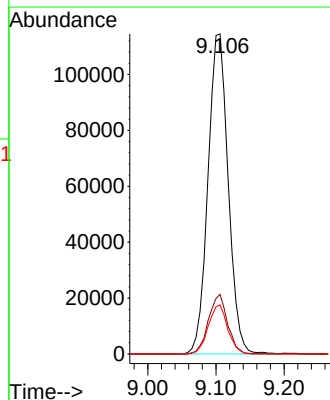
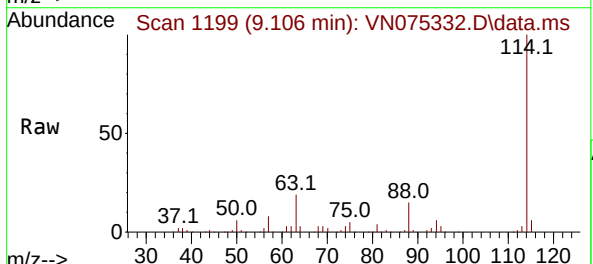
Tgt Ion:114 Resp: 236647

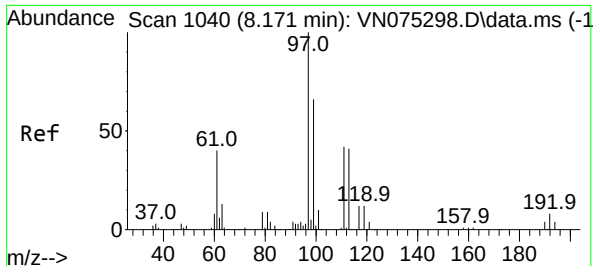
Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.6

88 15.3 0.0 29.0





#35

Dibromofluoromethane

Concen: 48.509 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075332.D

Acq: 18 Nov 2022 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 67390

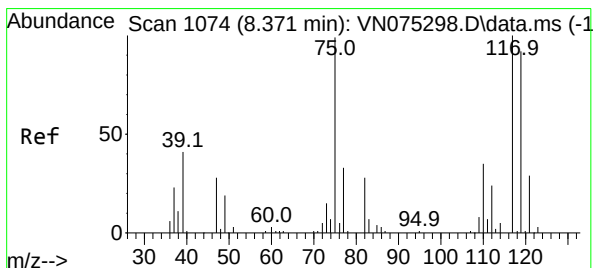
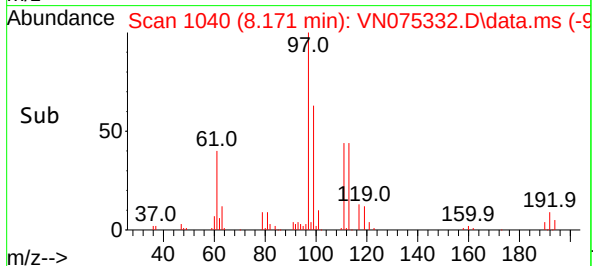
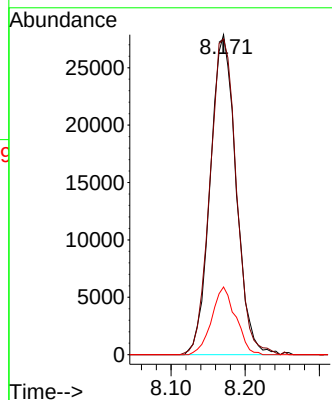
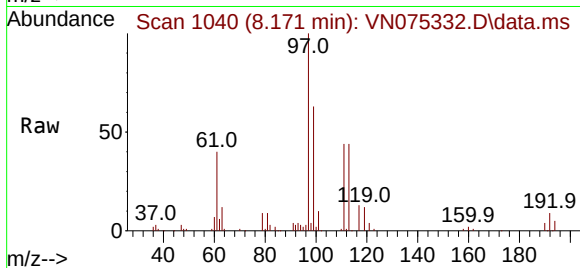
Ion	Ratio	Lower	Upper
113	100		
111	100.9	80.5	120.7
192	19.8	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#36

1,1-Dichloropropene

Concen: 55.117 ug/l

RT: 8.377 min Scan# 1075

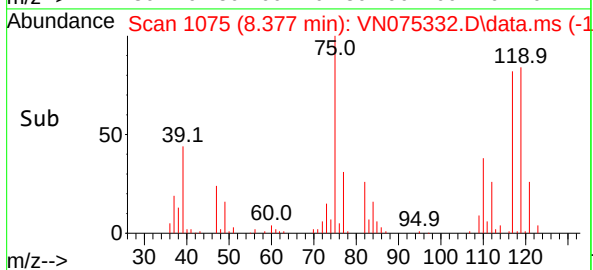
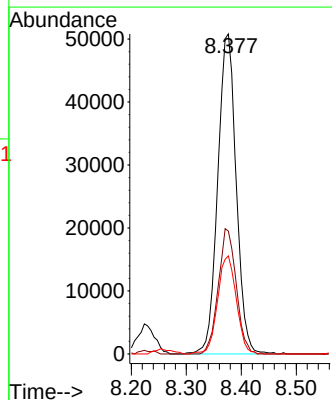
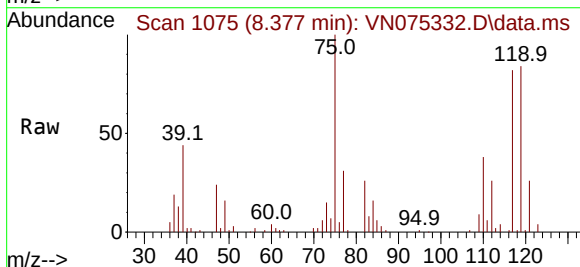
Delta R.T. -0.000 min

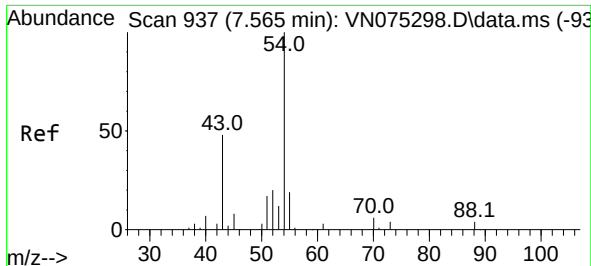
Lab File: VN075332.D

Acq: 18 Nov 2022 23:03

Tgt Ion: 75 Resp: 118544

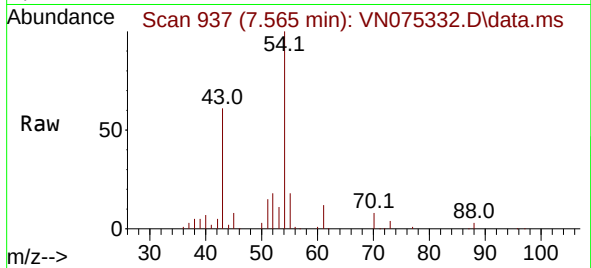
Ion	Ratio	Lower	Upper
75	100		
110	38.0	17.8	53.3
77	31.1	24.6	37.0





#37
Ethyl Acetate
Concen: 47.909 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

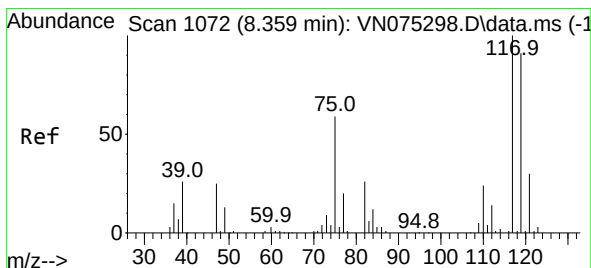
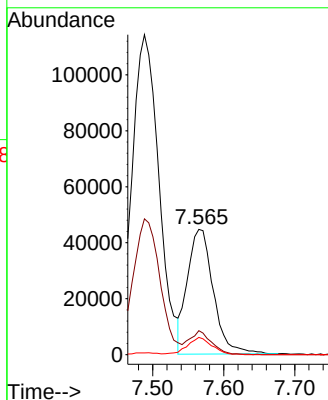
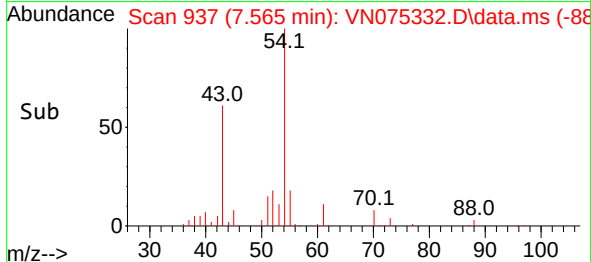
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 113004
Ion Ratio Lower Upper
43 100
61 16.3 12.2 18.4
70 13.2 9.4 14.2

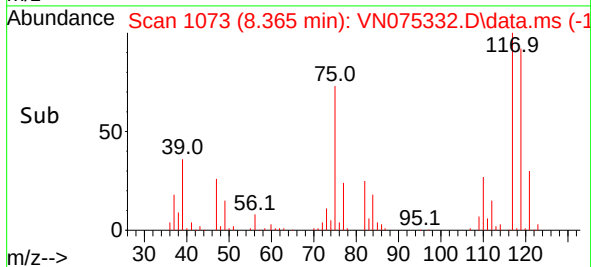
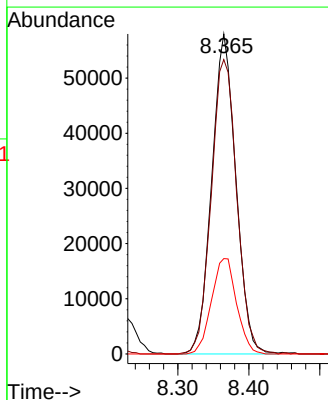
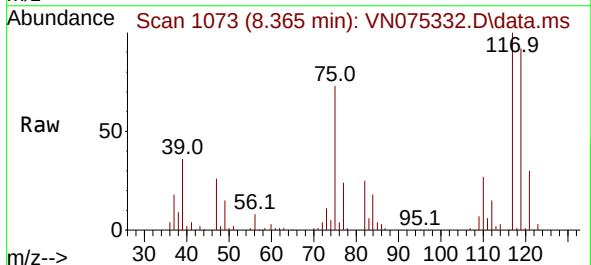
Manual Integrations
APPROVED

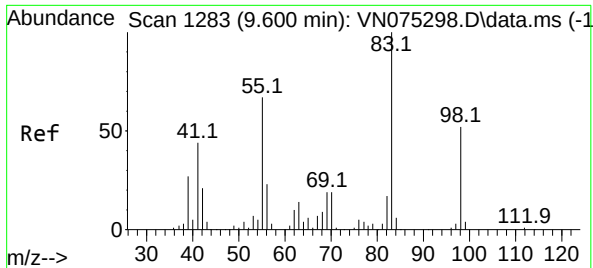
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#38
Carbon Tetrachloride
Concen: 57.792 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

Tgt Ion:117 Resp: 136729
Ion Ratio Lower Upper
117 100
119 92.0 76.7 115.1
121 29.8 23.9 35.9





#39
Methylcyclohexane
Concen: 53.927 ug/l
RT: 9.600 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

Instrument :

MSVOA_N

ClientSampleId :

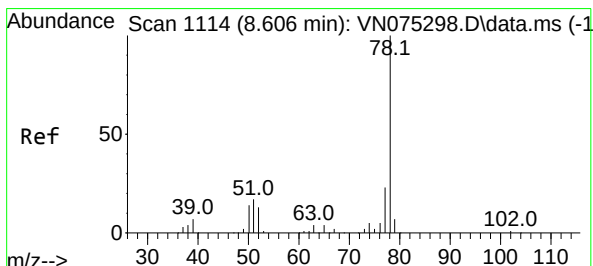
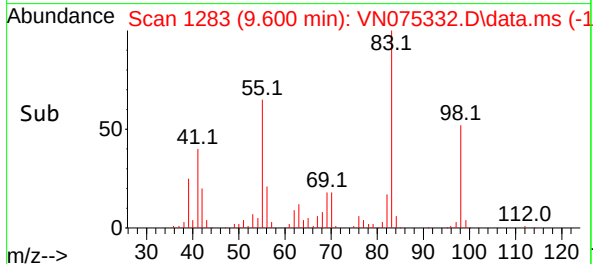
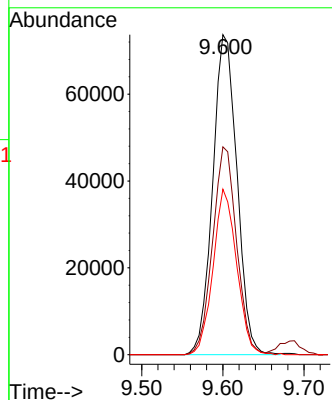
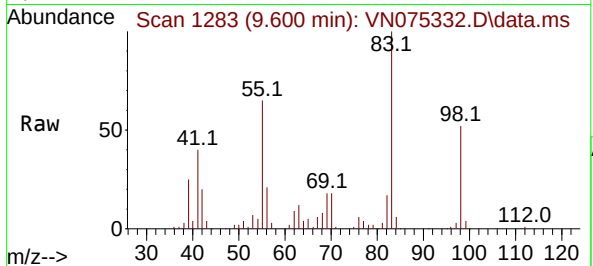
VSTDCCC050EC

Tgt Ion: 83 Resp: 153119
Ion Ratio Lower Upper
83 100
55 65.0 53.6 80.4
98 51.7 41.1 61.7

Manual Integrations

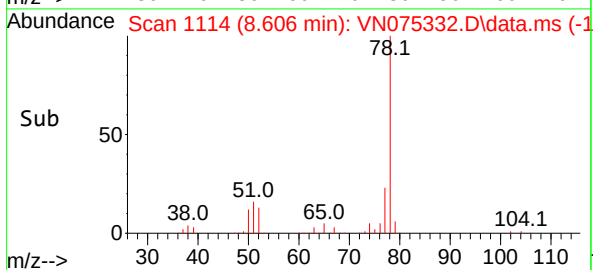
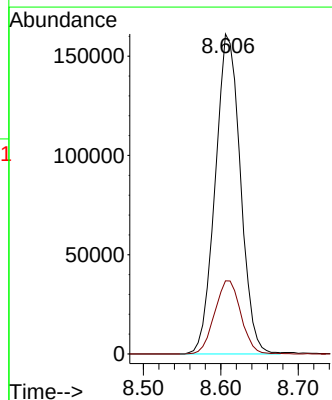
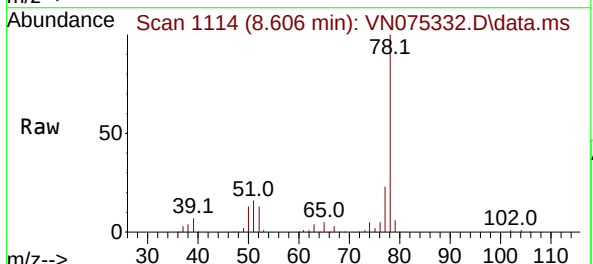
APPROVED

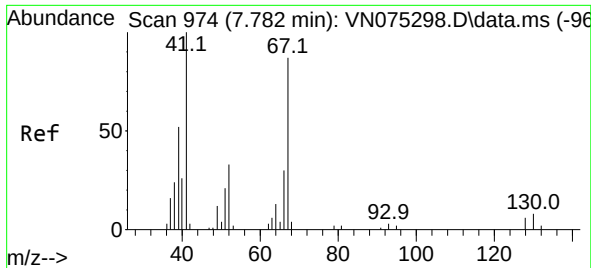
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#40
Benzene
Concen: 55.257 ug/l
RT: 8.606 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

Tgt Ion: 78 Resp: 363887
Ion Ratio Lower Upper
78 100
77 22.9 19.4 29.0





#41
Methacrylonitrile
Concen: 50.636 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

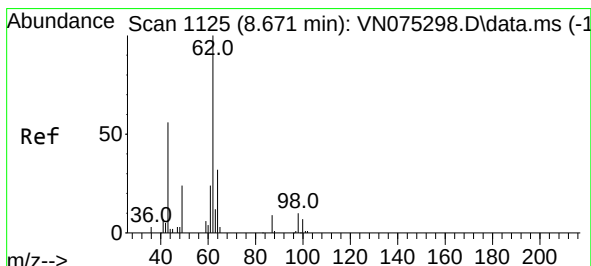
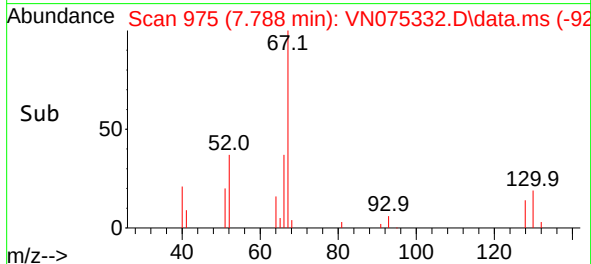
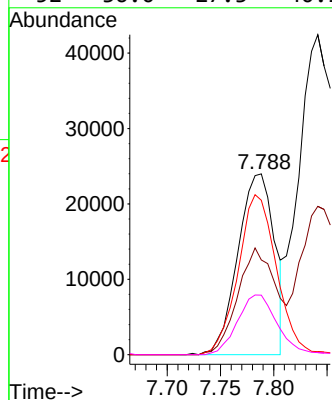
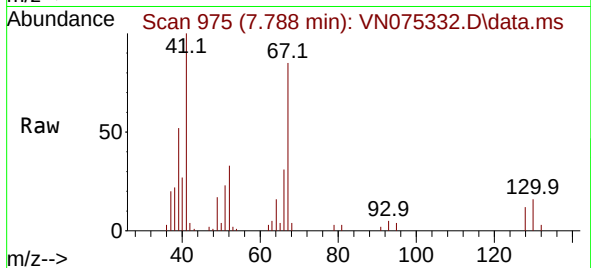
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 5722

Ion	Ratio	Lower	Upper
41	100		
39	62.5	44.4	66.6
67	93.4	69.8	104.6
52	36.0	27.3	40.9

Manual Integrations
APPROVED

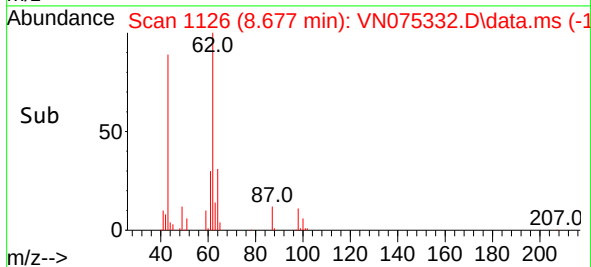
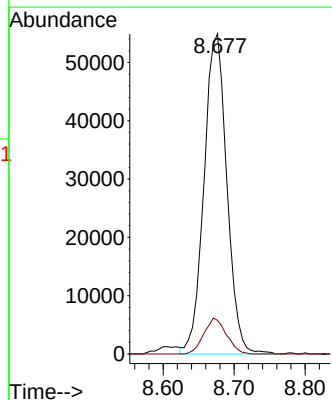
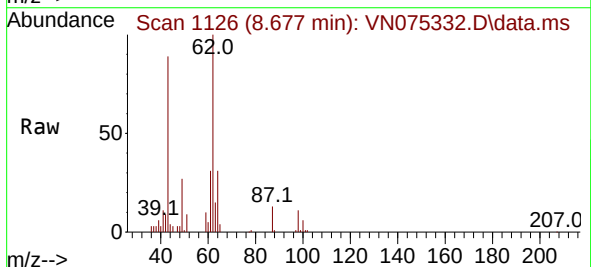
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

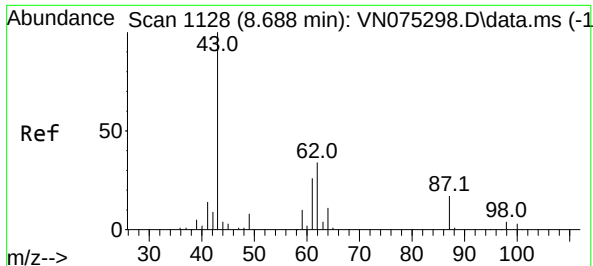


#42
1,2-Dichloroethane
Concen: 51.274 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

Tgt Ion: 62 Resp: 122847

Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	18.2





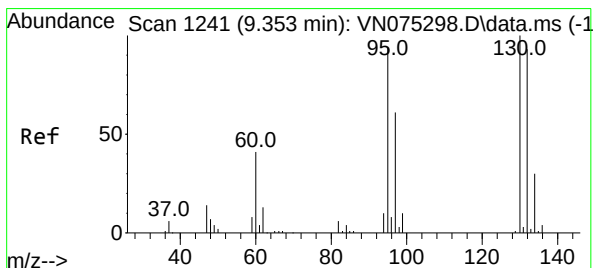
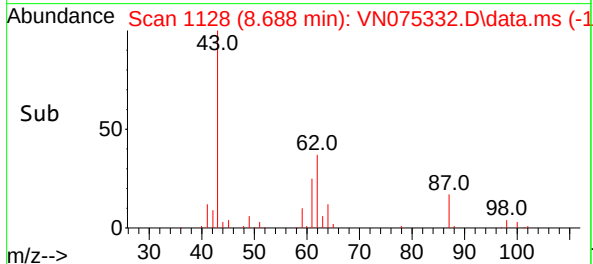
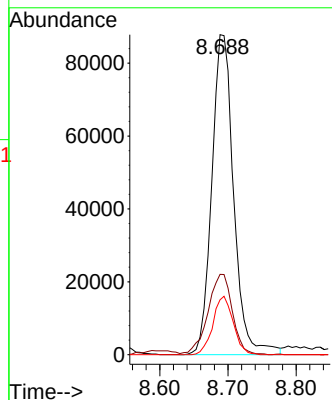
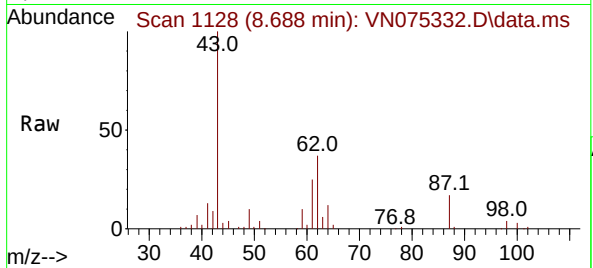
#43
Isopropyl Acetate
Concen: 53.678 ug/l
RT: 8.688 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 19639
Ion Ratio Lower Upper
43 100
61 28.0 22.4 33.6
87 16.9 12.5 18.7

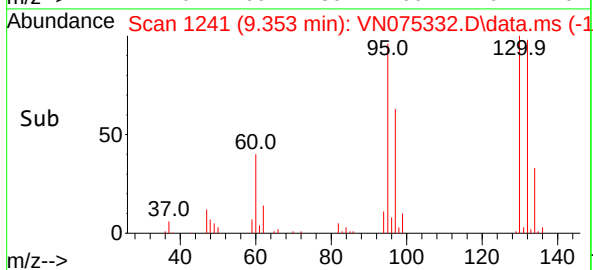
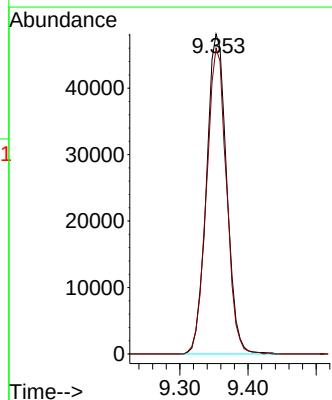
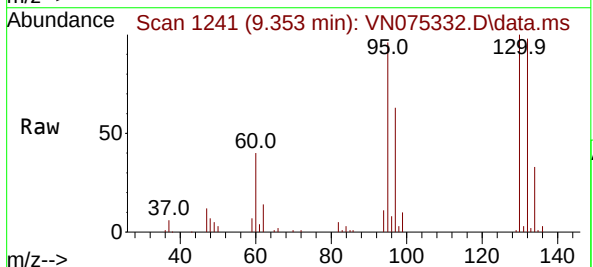
Manual Integrations
APPROVED

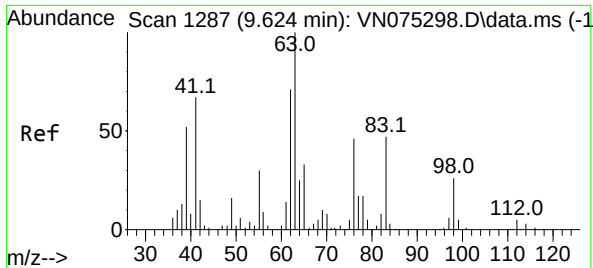
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#44
Trichloroethene
Concen: 59.873 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

Tgt Ion:130 Resp: 98922
Ion Ratio Lower Upper
130 100
95 95.5 0.0 198.4





#45

1,2-Dichloropropane

Concen: 56.487 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075332.D

Acq: 18 Nov 2022 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 88520

Ion Ratio Lower Upper

63 100

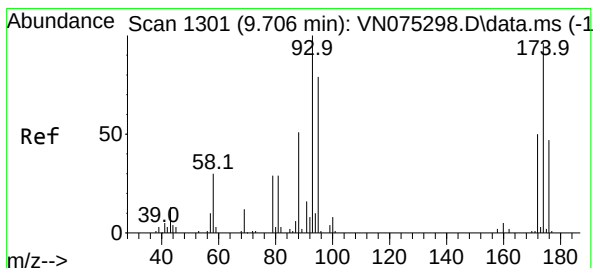
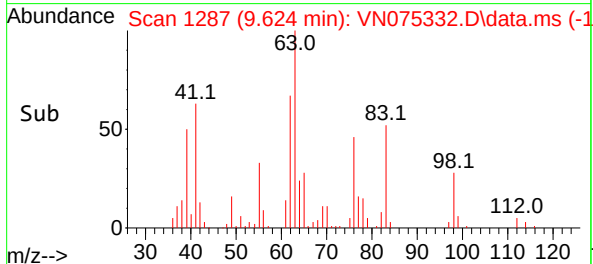
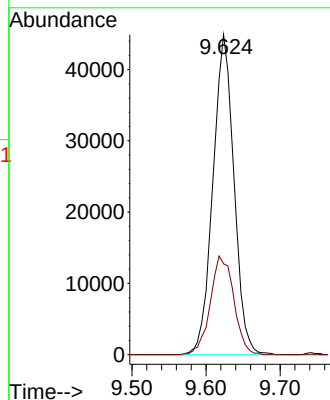
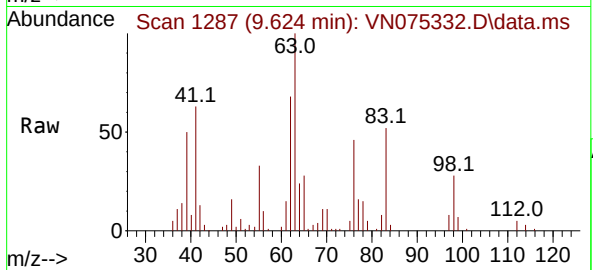
65 28.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#46

Dibromomethane

Concen: 54.758 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075332.D

Acq: 18 Nov 2022 23:03

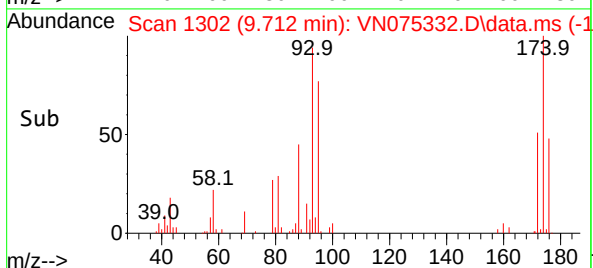
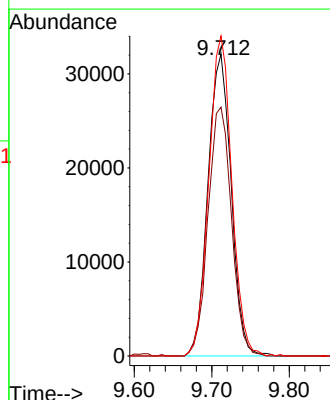
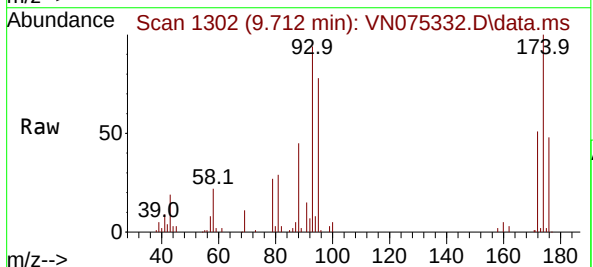
Tgt Ion: 93 Resp: 66858

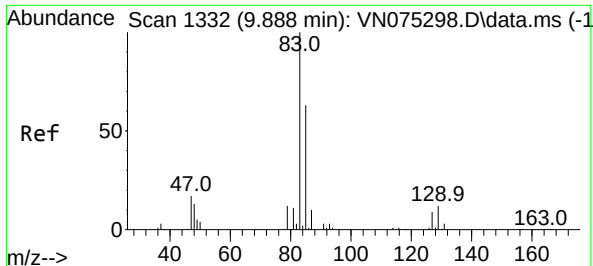
Ion Ratio Lower Upper

93 100

95 83.2 66.6 99.8

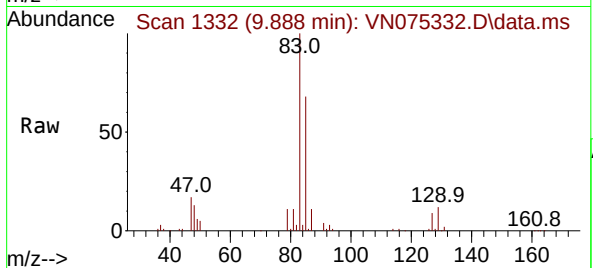
174 105.1 70.3 105.5





#47
Bromodichloromethane
Concen: 55.712 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. -0.006 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

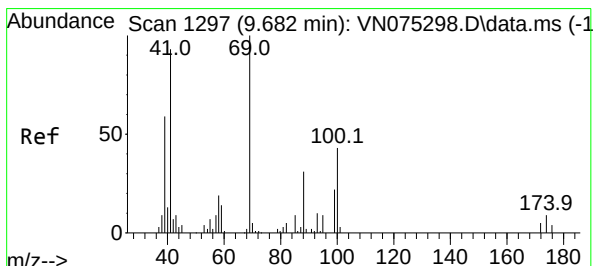
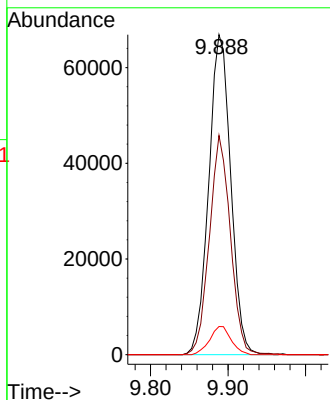
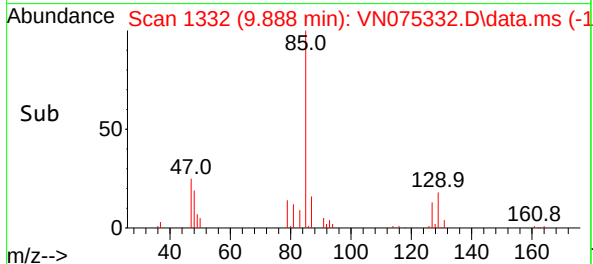
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



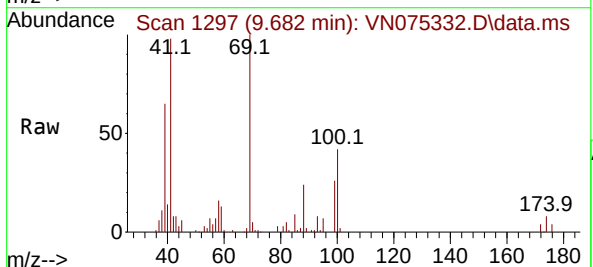
Tgt Ion: 83 Resp: 131729
Ion Ratio Lower Upper
83 100
85 68.5 52.1 78.1
127 8.8 6.6 10.0

Manual Integrations
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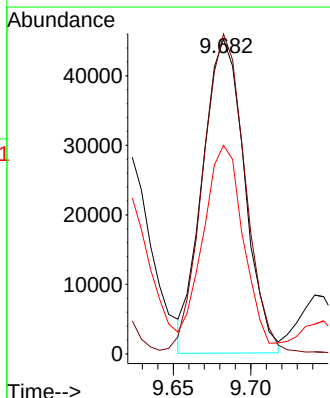
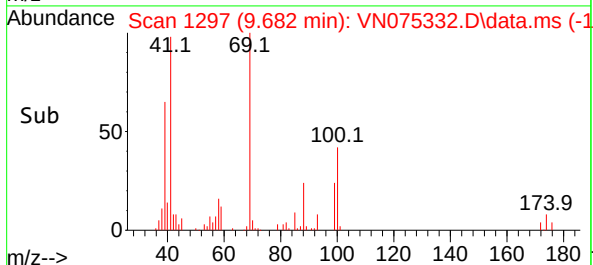
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

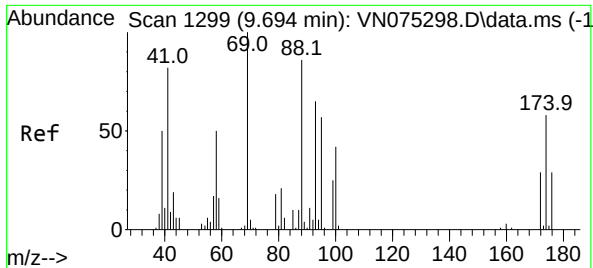


#48
Methyl methacrylate
Concen: 50.815 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03



Tgt Ion: 41 Resp: 85283
Ion Ratio Lower Upper
41 100
69 103.4 80.2 120.2
39 65.2 56.2 84.2





#49

1,4-Dioxane

Concen: 1136.431 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075332.D

Acq: 18 Nov 2022 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 4994

Ion Ratio Lower Upper

88 100

43 0.0 17.5 26.3

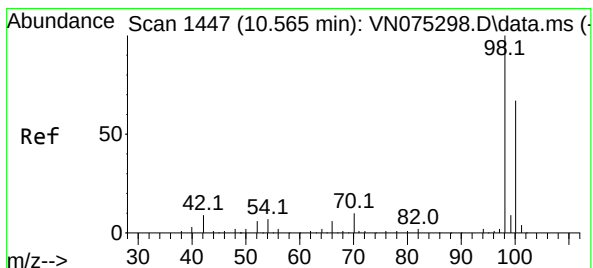
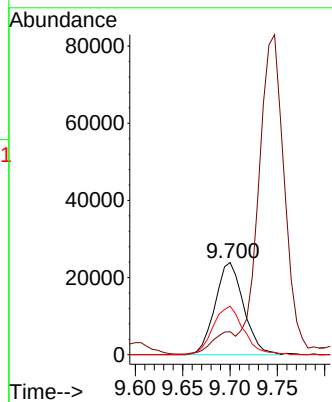
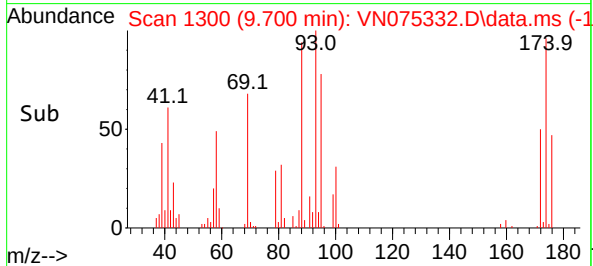
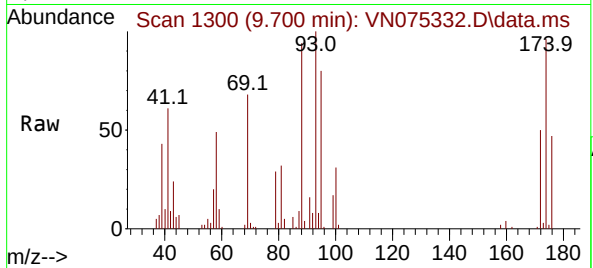
58 56.1 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#50

Toluene-d8

Concen: 42.354 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN075332.D

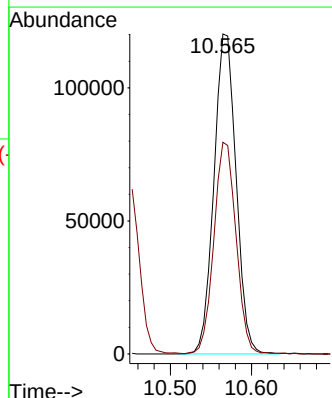
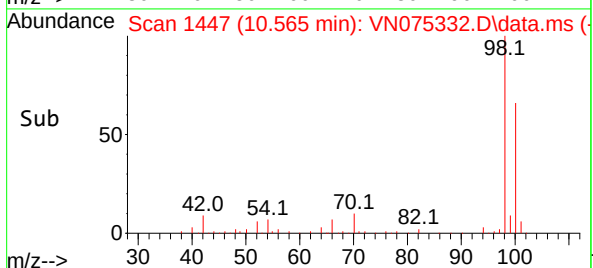
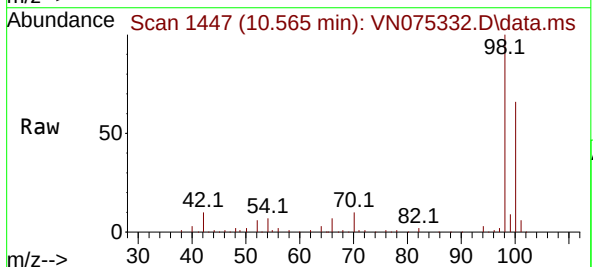
Acq: 18 Nov 2022 23:03

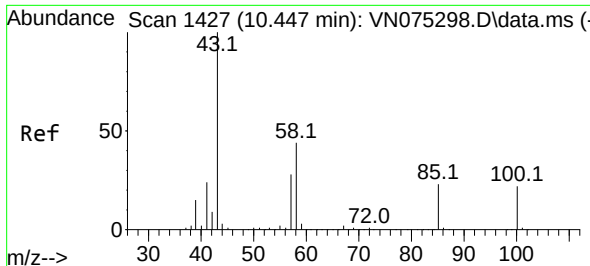
Tgt Ion: 98 Resp: 228284

Ion Ratio Lower Upper

98 100

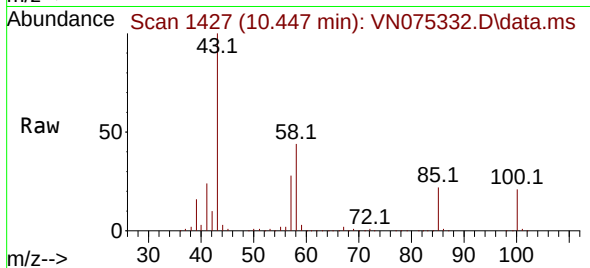
100 66.3 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 259.099 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

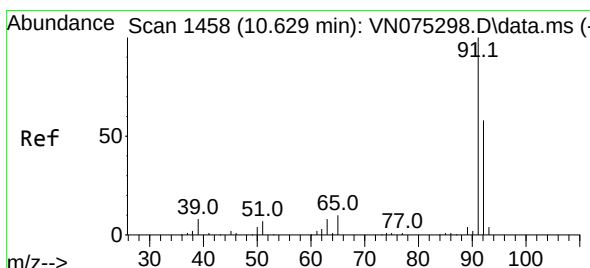
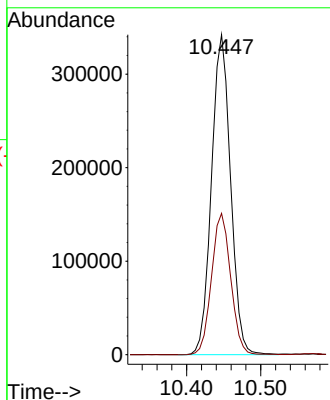
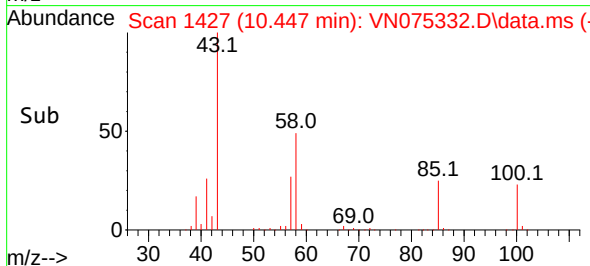
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



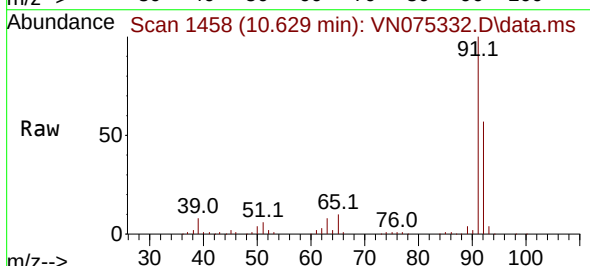
Tgt Ion: 43 Resp: 611724
Ion Ratio Lower Upper
43 100
58 44.4 33.6 50.4

Manual Integrations
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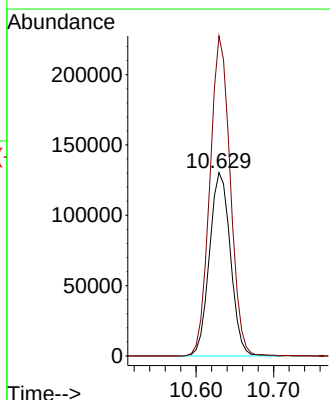
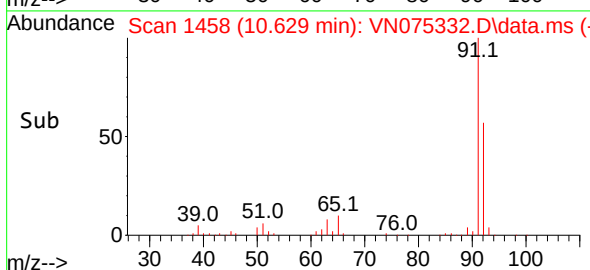
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

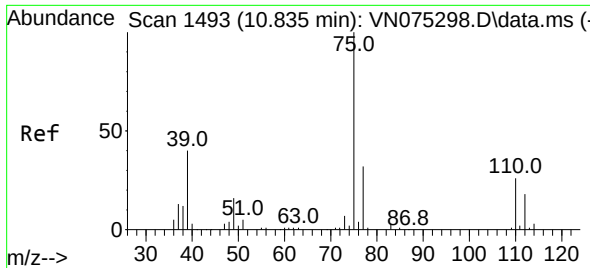


#52
Toluene
Concen: 55.568 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03



Tgt Ion: 92 Resp: 244617
Ion Ratio Lower Upper
92 100
91 170.3 135.4 203.2





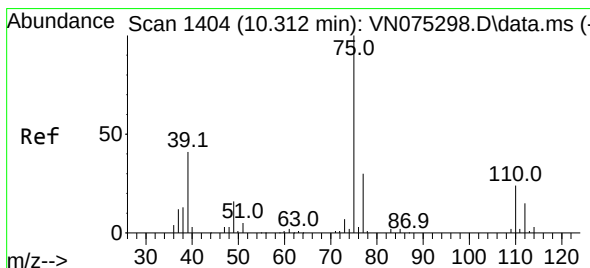
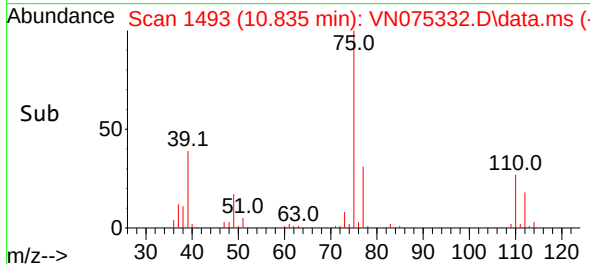
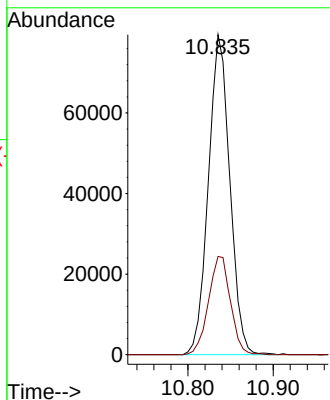
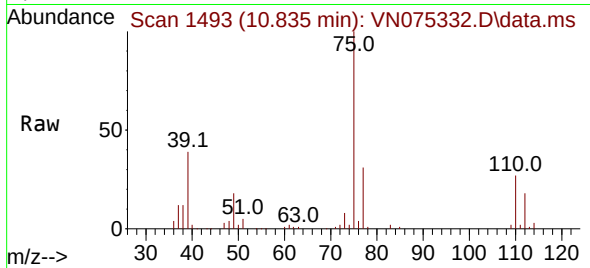
#53
 t-1,3-Dichloropropene
 Concen: 55.601 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.006 min
 Lab File: VN075332.D
 Acq: 18 Nov 2022 23:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 13876
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.2

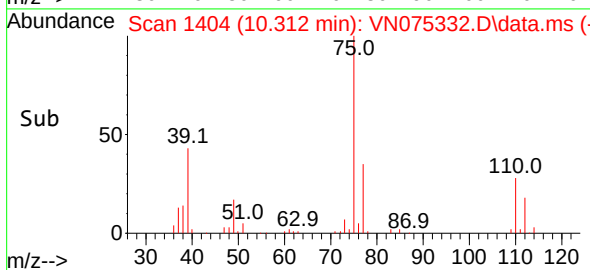
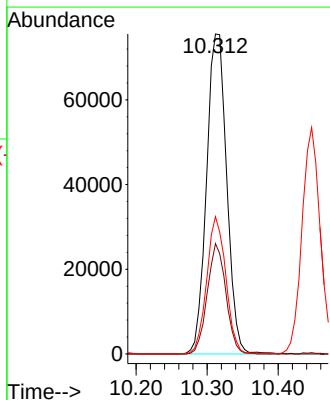
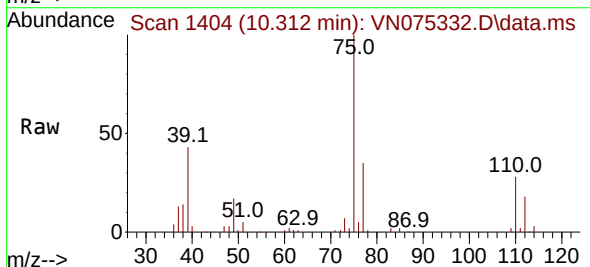
Manual Integrations
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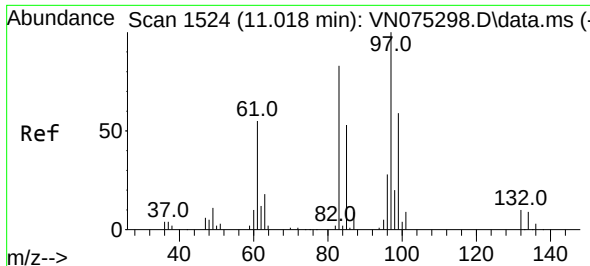
Reviewed By :John Carlone 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#54
 cis-1,3-Dichloropropene
 Concen: 56.351 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.006 min
 Lab File: VN075332.D
 Acq: 18 Nov 2022 23:03

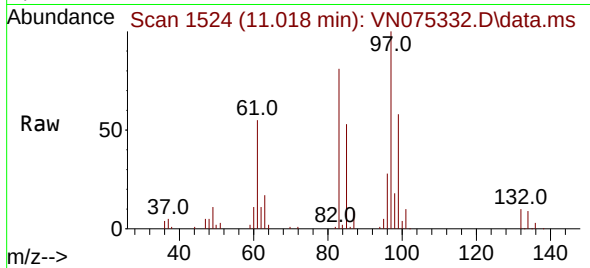
Tgt Ion: 75 Resp: 149164
 Ion Ratio Lower Upper
 75 100
 77 34.5 23.7 35.5
 39 42.9 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 56.902 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

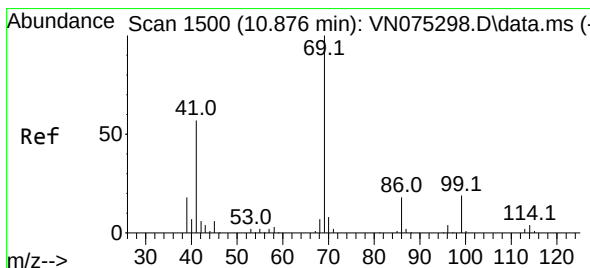
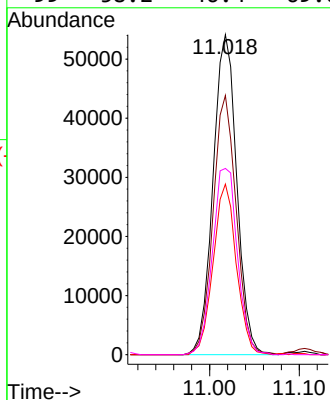
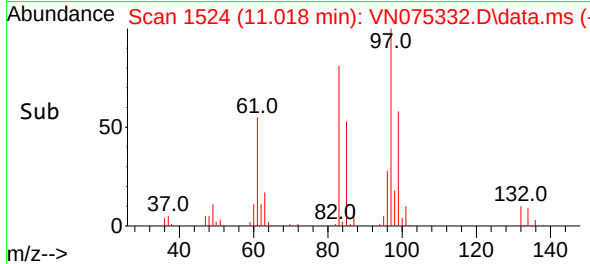
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.0	65.9	98.9
85	53.3	40.4	60.6
99	58.2	46.4	69.6

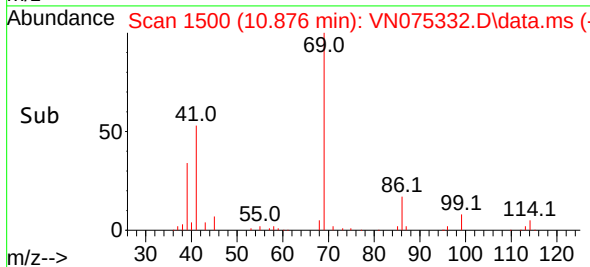
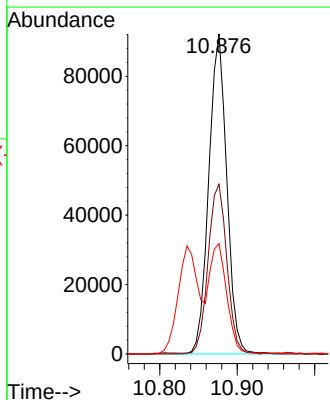
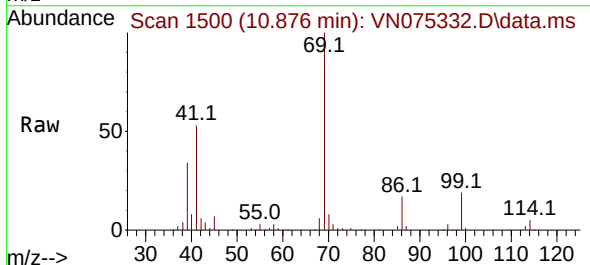
Manual Integrations
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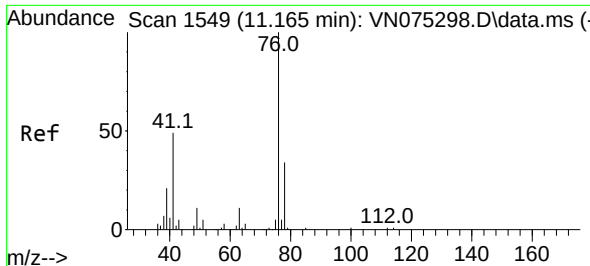
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#56
Ethyl methacrylate
Concen: 55.919 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

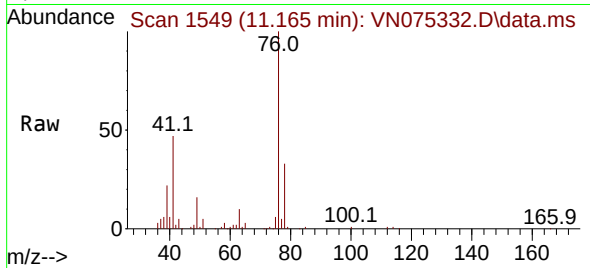
Tgt Ion	Ratio	Lower	Upper
69	100		
41	55.4	45.6	68.4
39	32.0	28.5	42.7





#57
1,3-Dichloropropane
Concen: 54.880 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

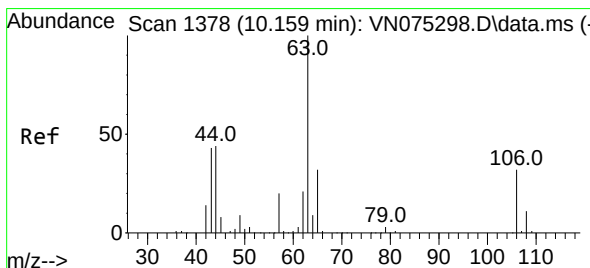
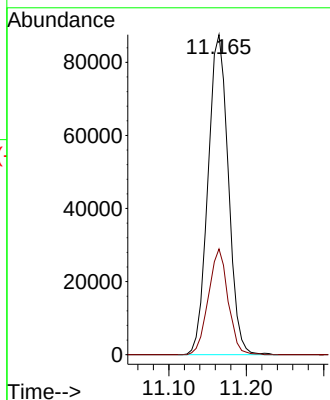
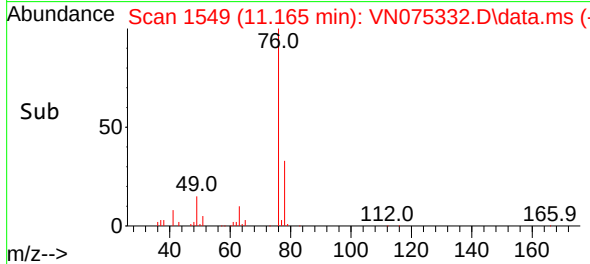
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 159520
Ion Ratio Lower Upper
76 100
78 32.0 25.8 38.6

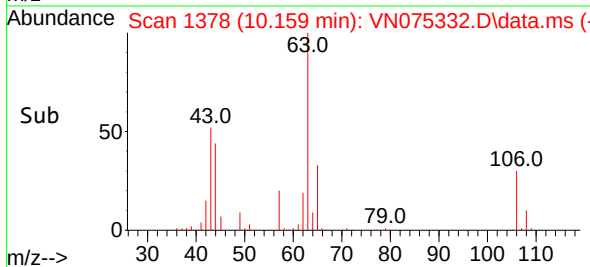
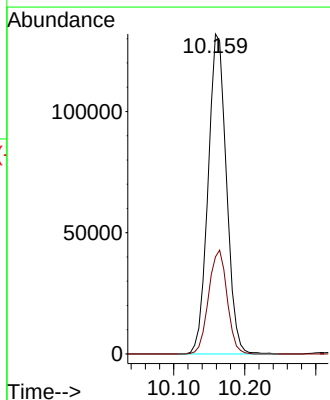
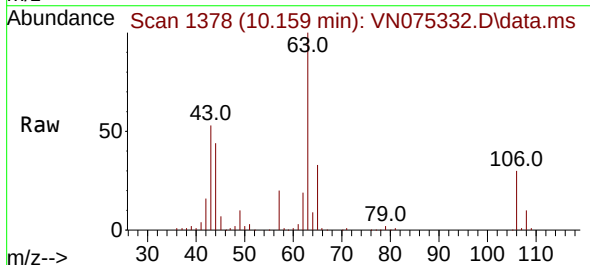
Manual Integrations
APPROVED

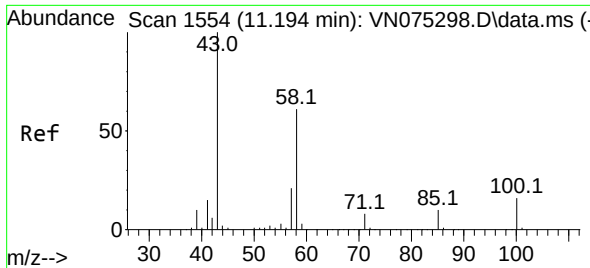
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#58
2-Chloroethyl Vinyl ether
Concen: 229.595 ug/l
RT: 10.159 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

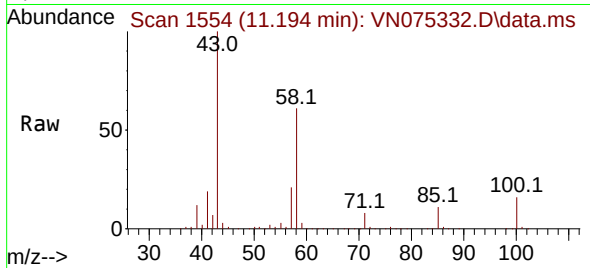
Tgt Ion: 63 Resp: 236327
Ion Ratio Lower Upper
63 100
106 32.7 24.8 37.2





#59
2-Hexanone
Concen: 261.856 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

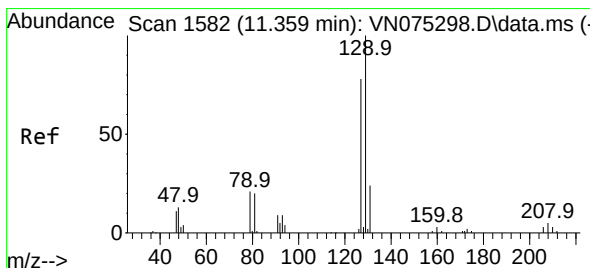
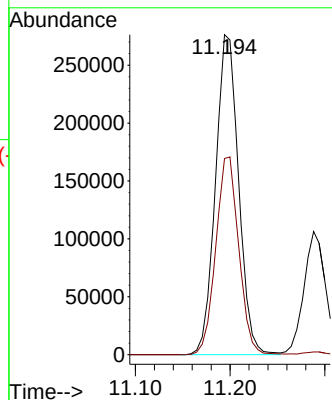
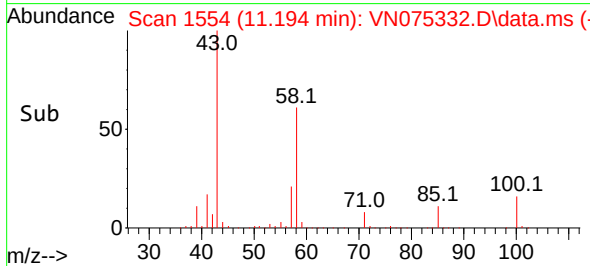
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



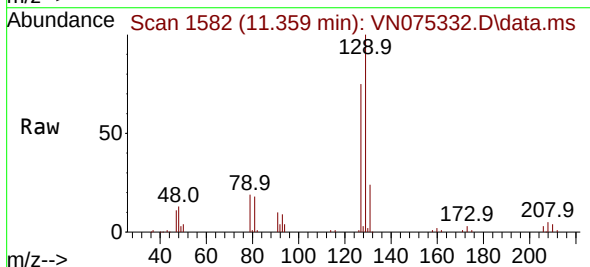
Tgt Ion: 43 Resp: 469218
Ion Ratio Lower Upper
43 100
58 61.4 29.6 88.8

Manual Integrations
APPROVED

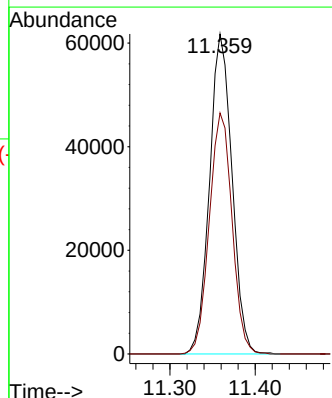
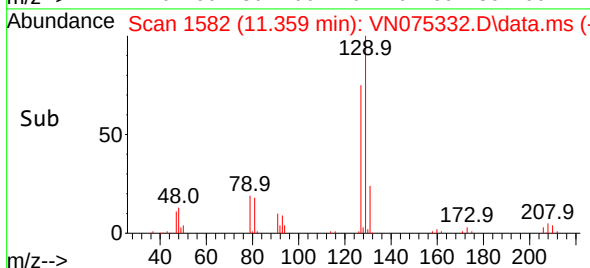
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

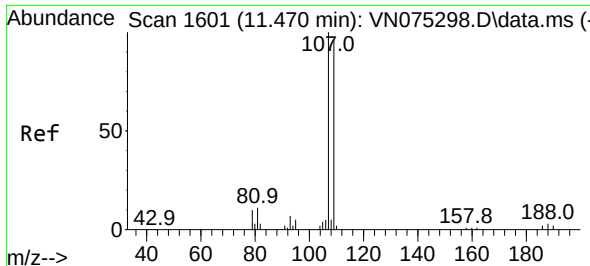


#60
Dibromochloromethane
Concen: 61.481 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03



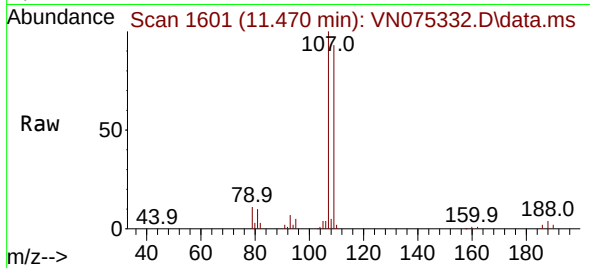
Tgt Ion:129 Resp: 113221
Ion Ratio Lower Upper
129 100
127 76.0 38.6 115.8





#61
1,2-Dibromoethane
Concen: 58.150 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.001 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

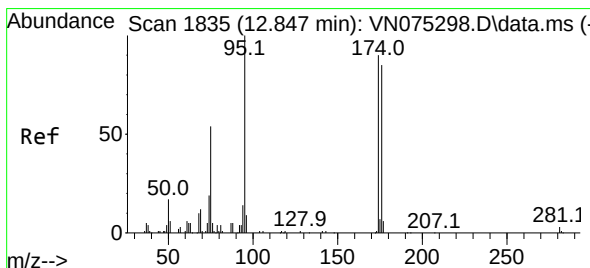
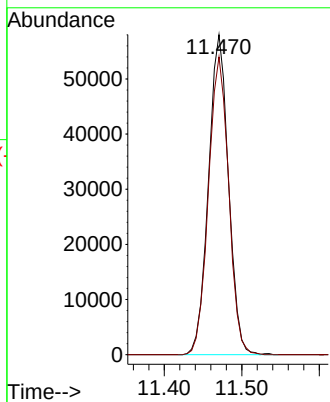
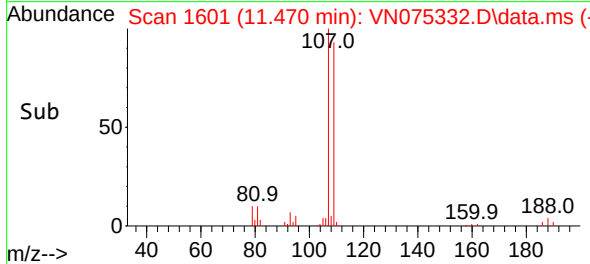
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



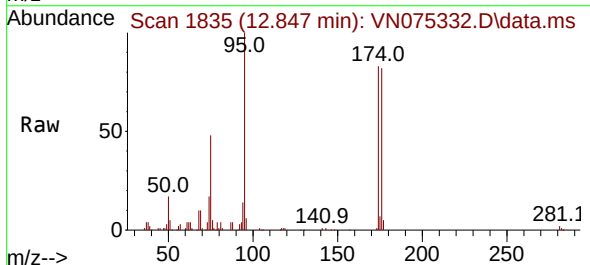
Tgt Ion:107 Resp: 104018
Ion Ratio Lower Upper
107 100
109 94.1 75.6 113.4

Manual Integrations
APPROVED

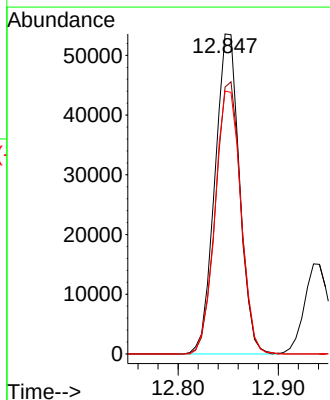
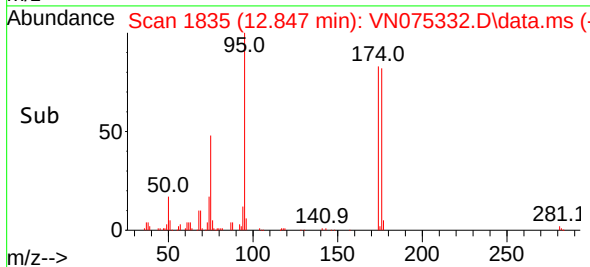
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

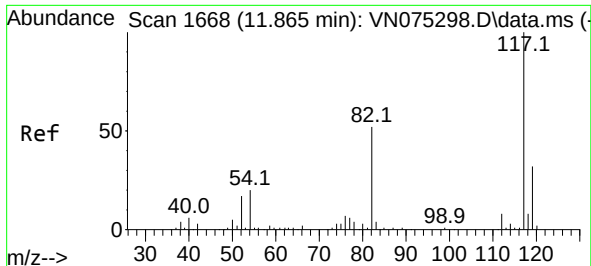


#62
4-Bromofluorobenzene
Concen: 48.380 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03



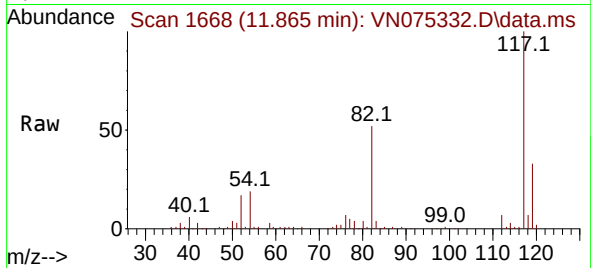
Tgt Ion: 95 Resp: 91600
Ion Ratio Lower Upper
95 100
174 86.6 0.0 147.4
176 86.2 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

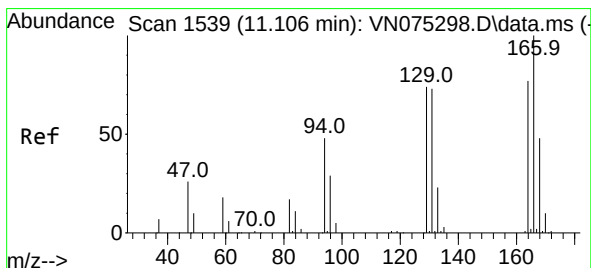
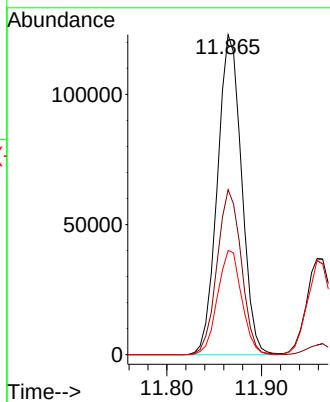
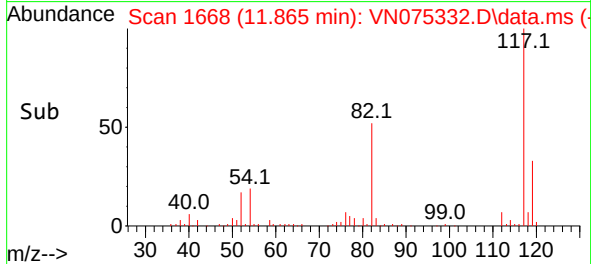
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



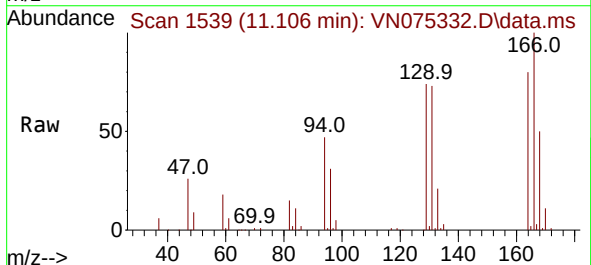
Tgt Ion:117 Resp: 217918
Ion Ratio Lower Upper
117 100
82 51.5 43.1 64.7
119 32.6 25.5 38.3

Manual Integrations
APPROVED

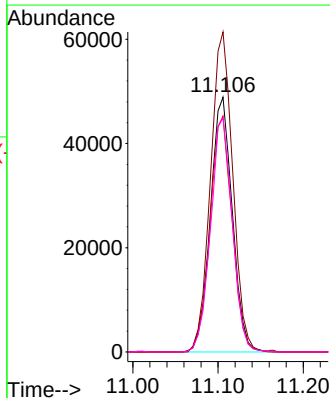
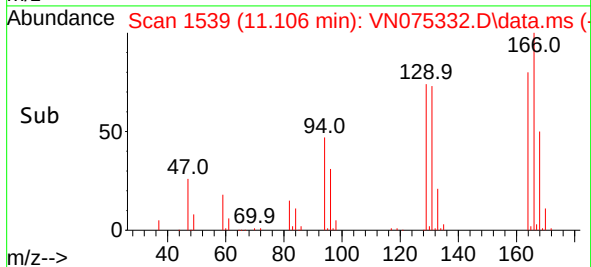
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

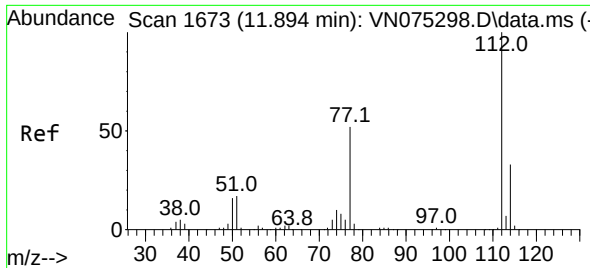


#64
Tetrachloroethene
Concen: 65.705 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03



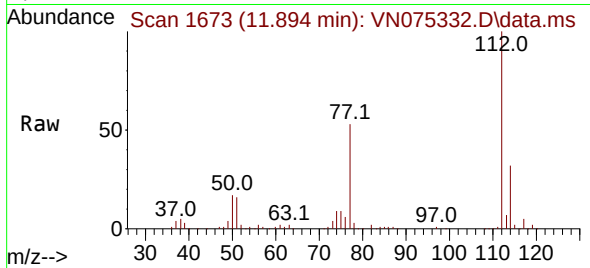
Tgt Ion:164 Resp: 87784
Ion Ratio Lower Upper
164 100
166 125.6 106.5 159.7
129 92.7 81.9 122.9
131 91.9 81.4 122.2





#65
Chlorobenzene
Concen: 57.233 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

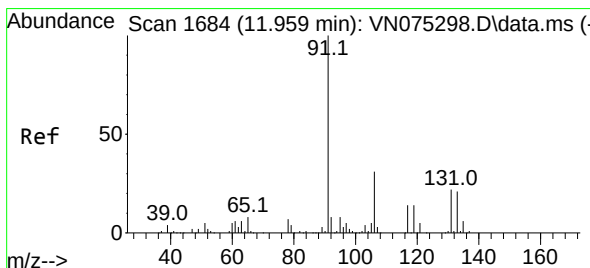
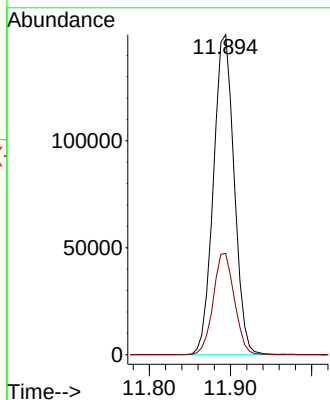
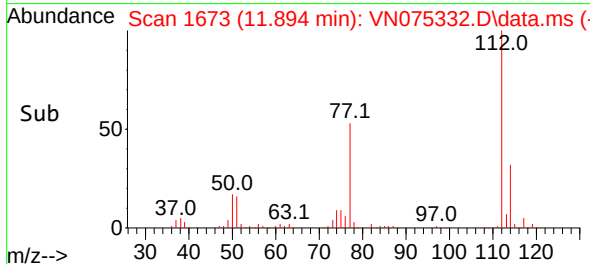
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



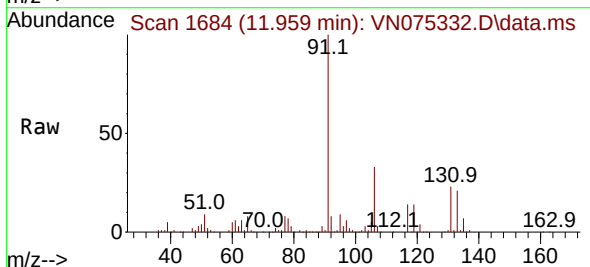
Tgt Ion:112 Resp: 266220
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2

Manual Integrations
APPROVED

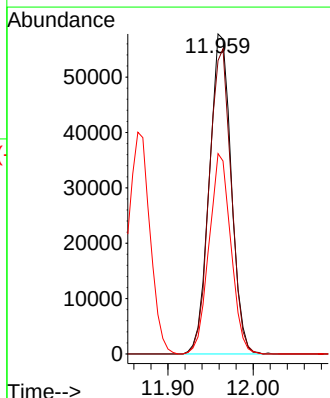
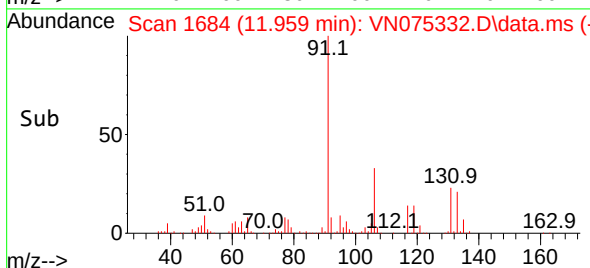
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

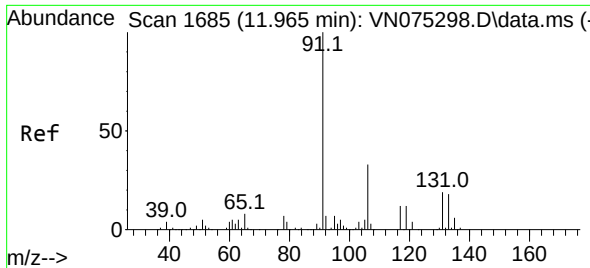


#66
1,1,1,2-Tetrachloroethane
Concen: 59.895 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03



Tgt Ion:131 Resp: 103349
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.4
119 62.3 33.0 99.0





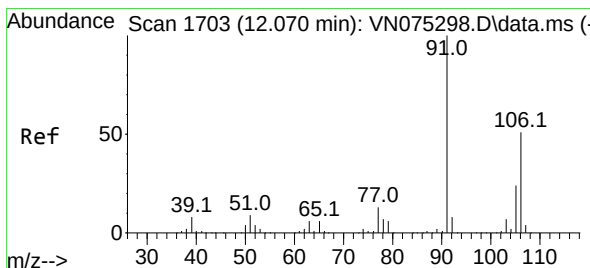
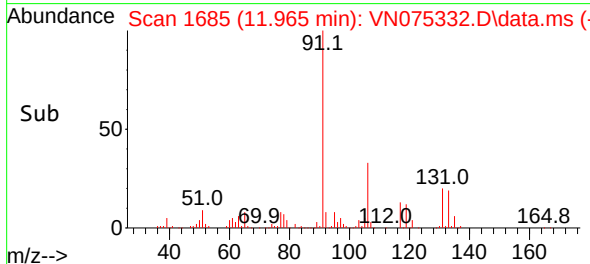
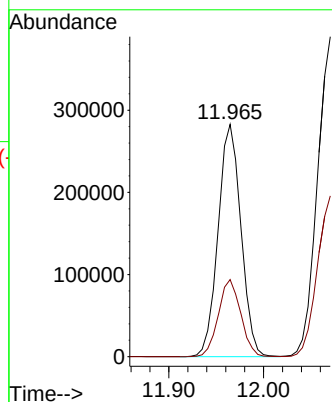
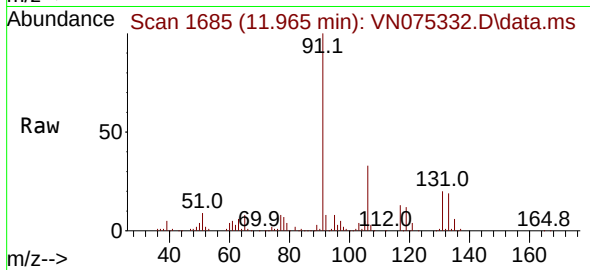
#67
Ethyl Benzene
Concen: 56.669 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 474245
Ion Ratio Lower Upper
91 100
106 33.2 24.9 37.3

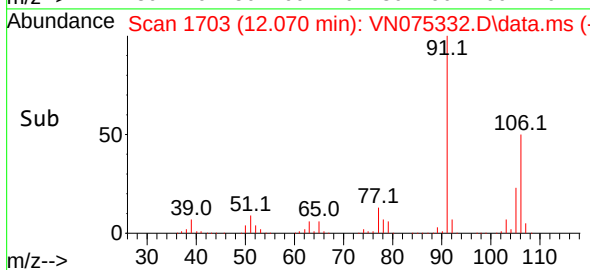
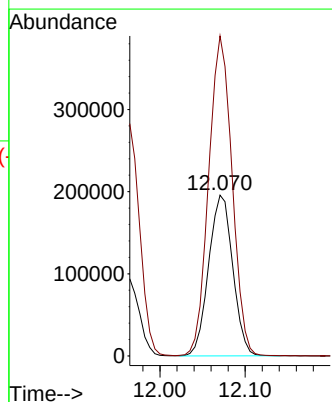
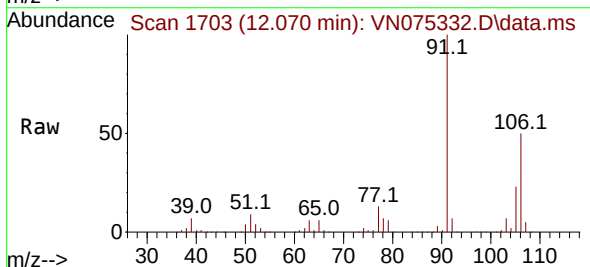
Manual Integrations
APPROVED

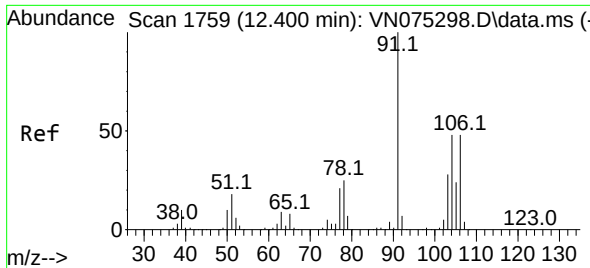
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#68
m/p-Xylenes
Concen: 114.299 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

Tgt Ion:106 Resp: 383809
Ion Ratio Lower Upper
106 100
91 194.0 156.0 234.0





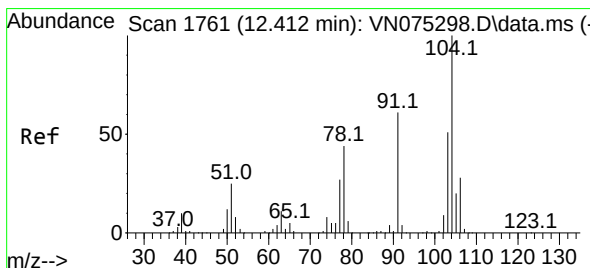
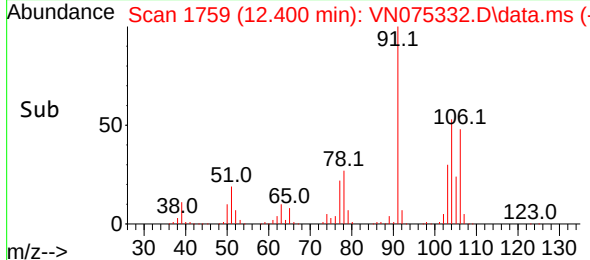
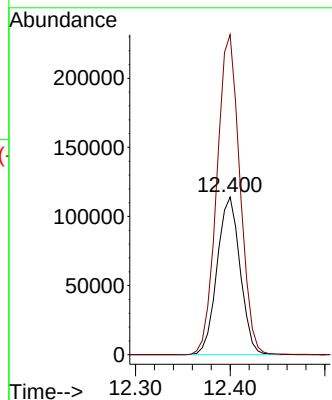
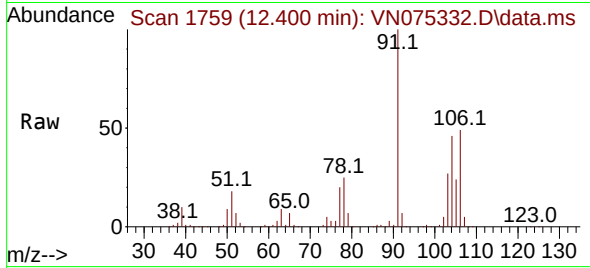
#69
o-Xylene
Concen: 57.989 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 192572
Ion Ratio Lower Upper
106 100
91 203.7 105.2 315.5

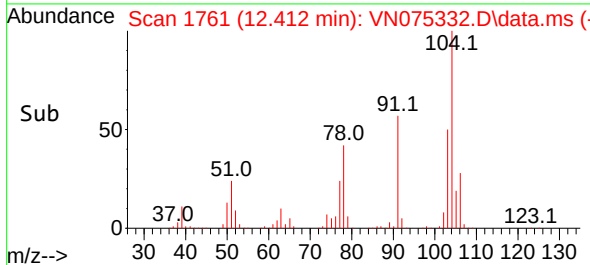
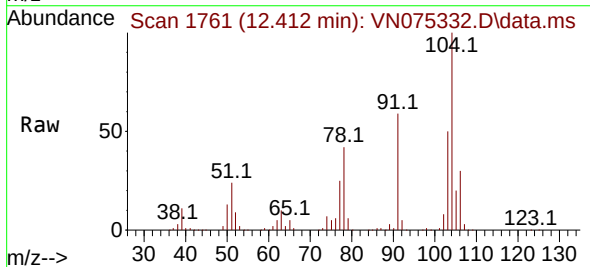
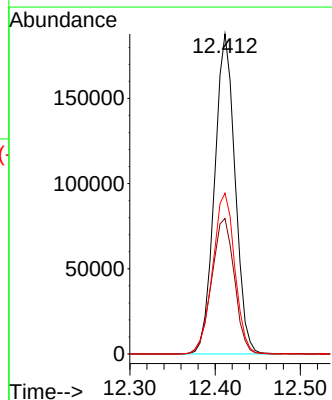
Manual Integrations
APPROVED

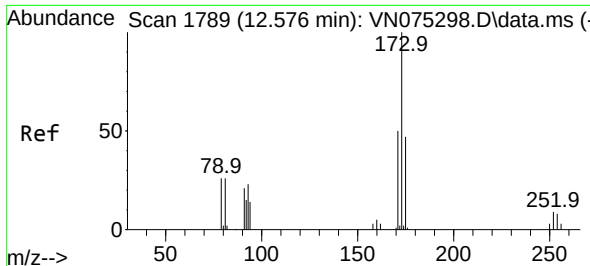
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#70
Styrene
Concen: 59.400 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

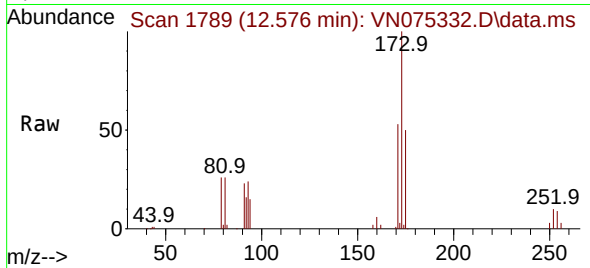
Tgt Ion:104 Resp: 314527
Ion Ratio Lower Upper
104 100
78 46.9 38.1 57.1
103 54.1 44.6 66.8





#71
Bromoform
Concen: 68.448 ug/l
RT: 12.576 min Scan# 1789
Delta R.T. -0.006 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

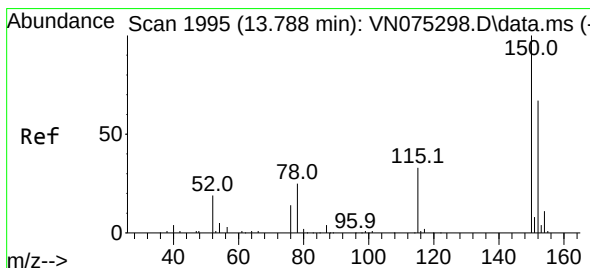
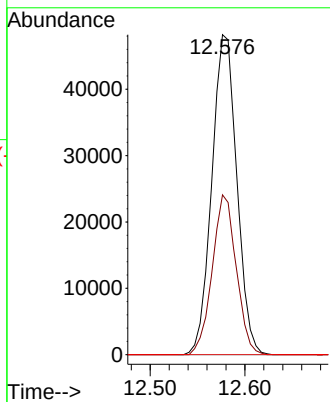
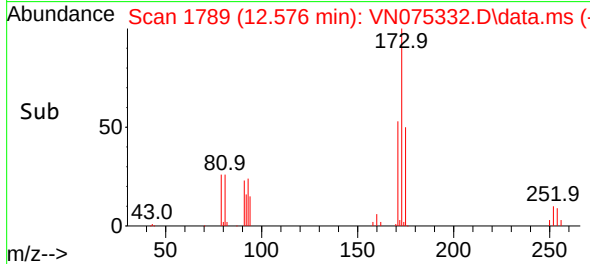
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



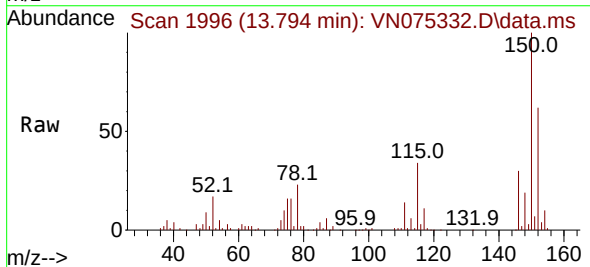
Tgt Ion:173 Resp: 8842
Ion Ratio Lower Upper
173 100
175 47.9 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

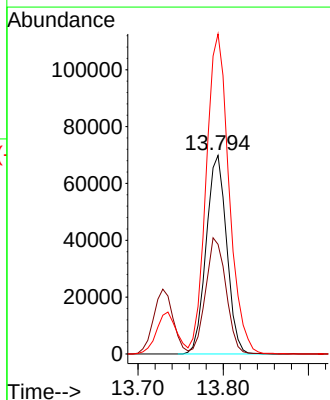
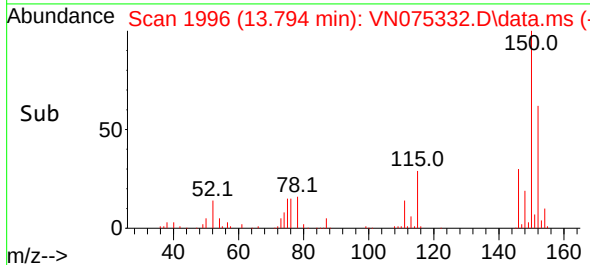
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

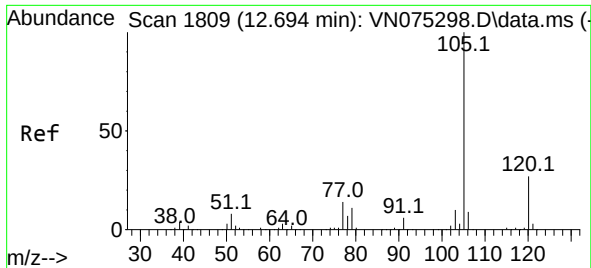


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03



Tgt Ion:152 Resp: 116441
Ion Ratio Lower Upper
152 100
115 58.4 30.2 90.6
150 179.8 0.0 348.4





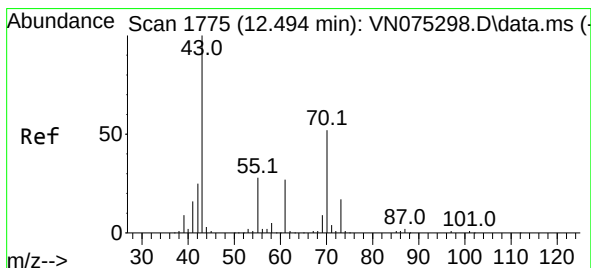
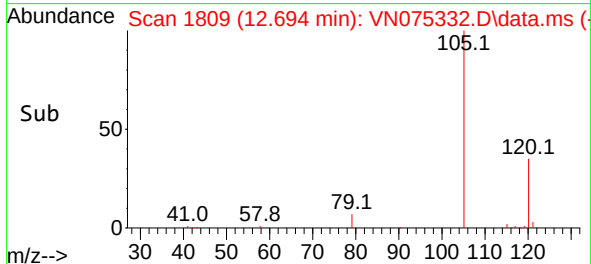
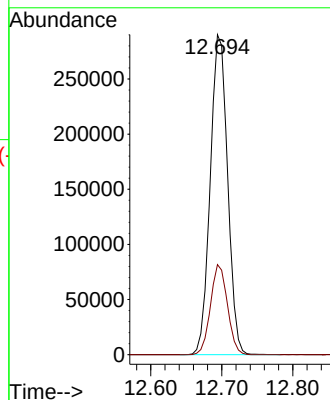
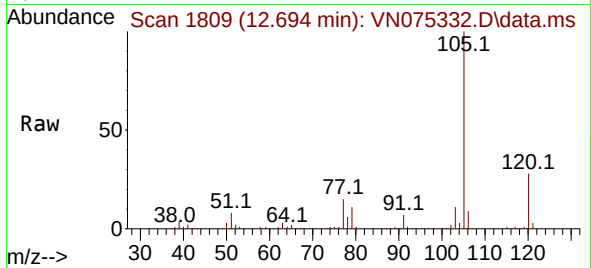
#73
Isopropylbenzene
Concen: 52.683 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 492480
Ion Ratio Lower Upper
105 100
120 27.4 13.1 39.1

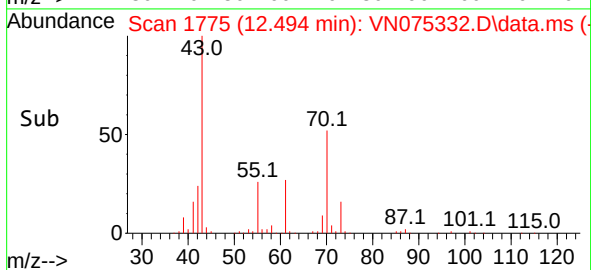
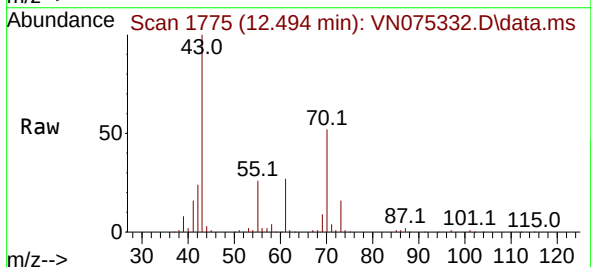
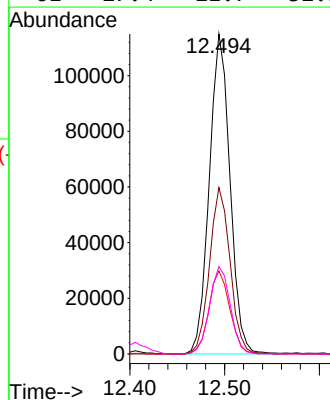
Manual Integrations
APPROVED

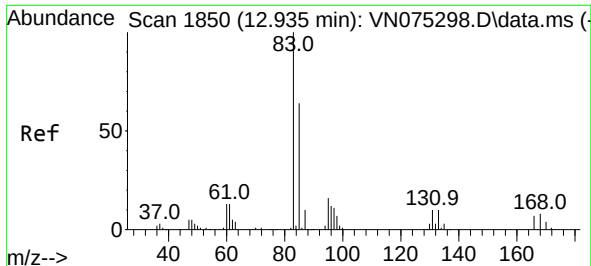
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#74
N-ethyl acetate
Concen: 50.410 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

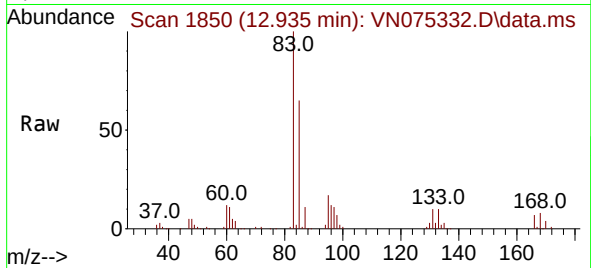
Tgt Ion: 43 Resp: 174287
Ion Ratio Lower Upper
43 100
70 51.6 39.8 59.8
55 26.2 19.9 29.9
61 27.4 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 57.388 ug/l
RT: 12.935 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

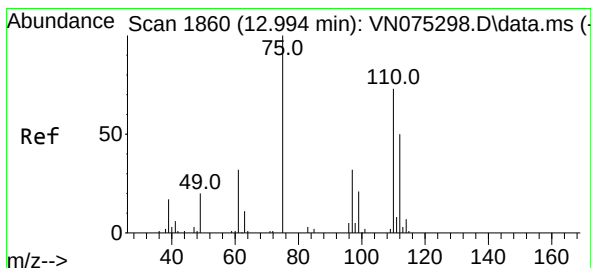
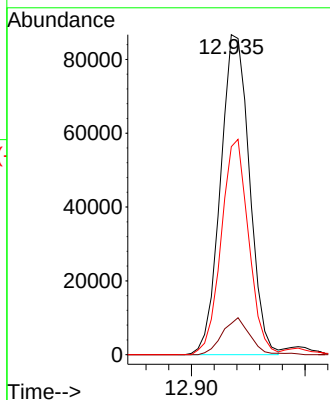
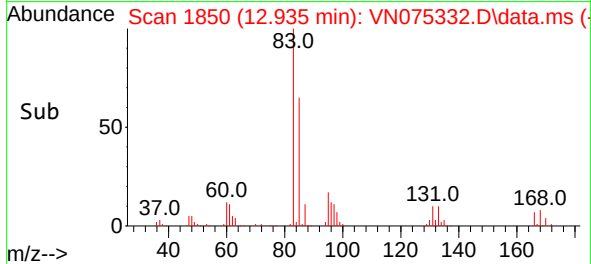
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 153552
Ion Ratio Lower Upper
83 100
131 11.1 5.1 15.3
85 63.8 31.6 94.7

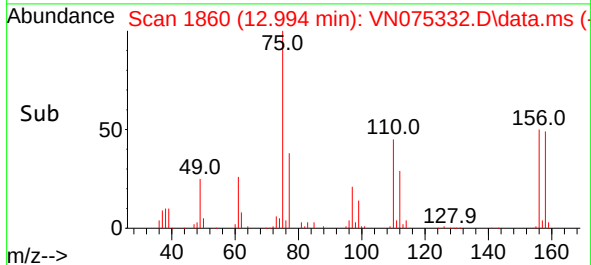
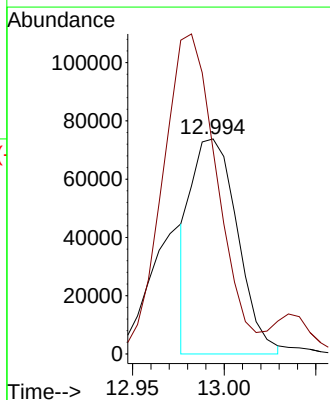
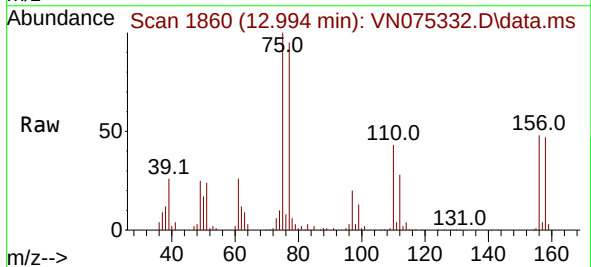
Manual Integrations
APPROVED

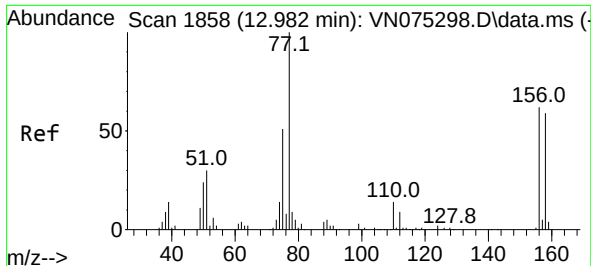
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#76
1,2,3-Trichloropropane
Concen: 52.262 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

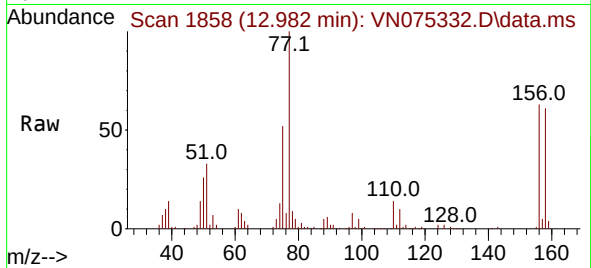
Tgt Ion: 75 Resp: 129211
Ion Ratio Lower Upper
75 100
77 176.0 75.6 226.8





#77
Bromobenzene
Concen: 59.666 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

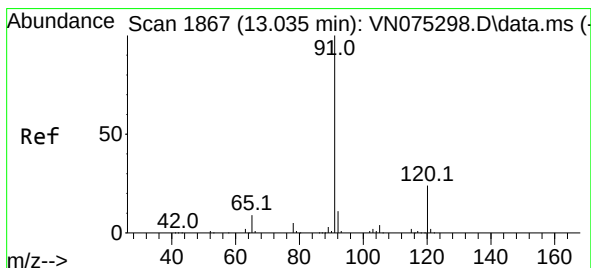
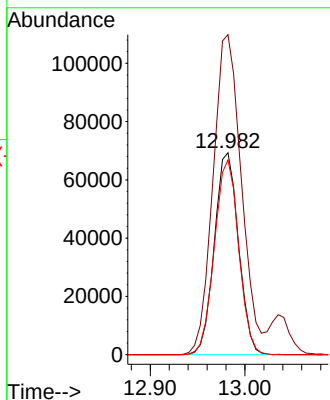
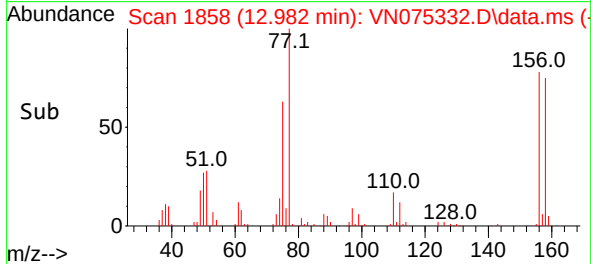
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 122812
Ion Ratio Lower Upper
156 100
77 185.2 108.5 325.5
158 96.9 47.7 143.1

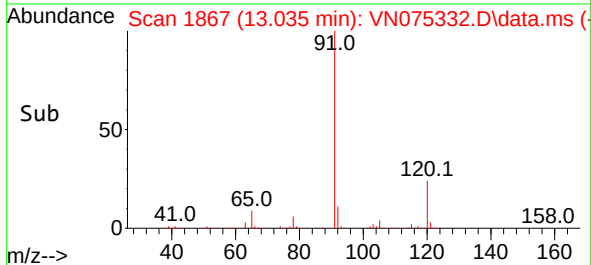
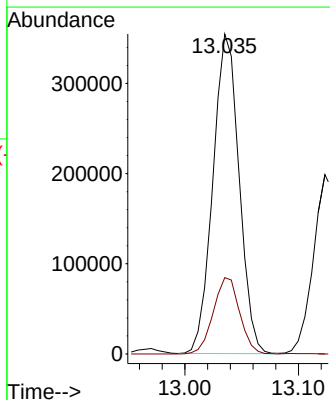
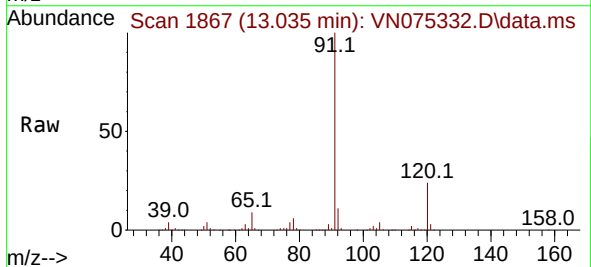
Manual Integrations
APPROVED

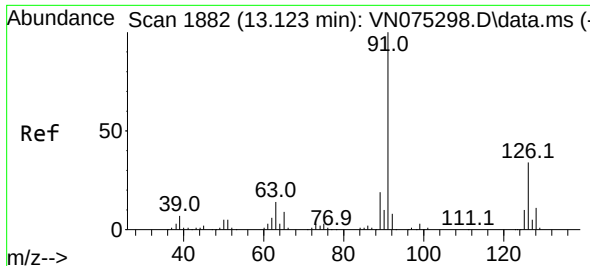
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#78
n-propylbenzene
Concen: 54.107 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

Tgt Ion: 91 Resp: 567871
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.5





#79
2-Chlorotoluene
Concen: 52.930 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

Instrument :

MSVOA_N

ClientSampleId :

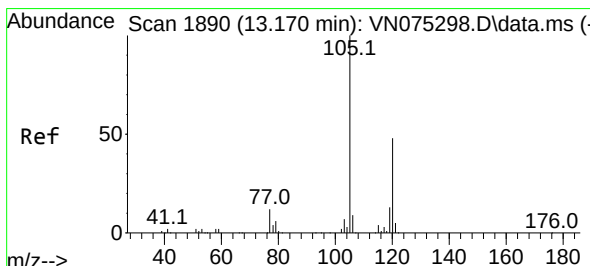
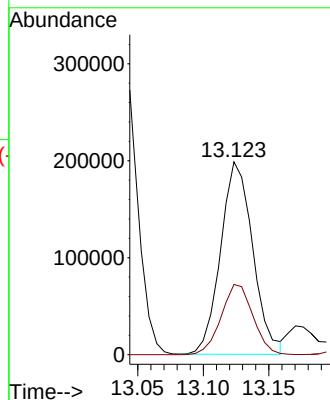
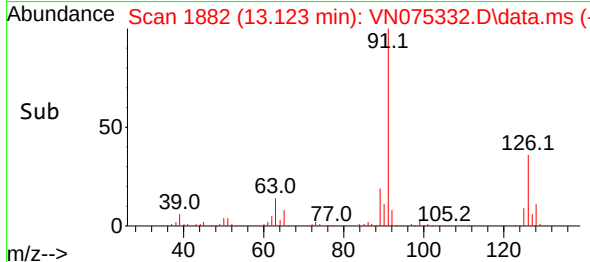
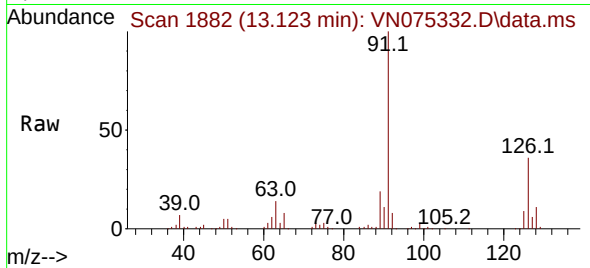
VSTDCCC050EC

Tgt Ion: 91 Resp: 33946
Ion Ratio Lower Upper
91 100
126 36.1 16.9 50.7

Manual Integrations

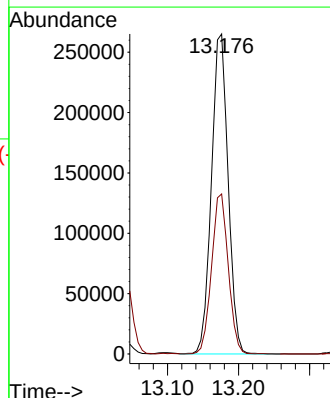
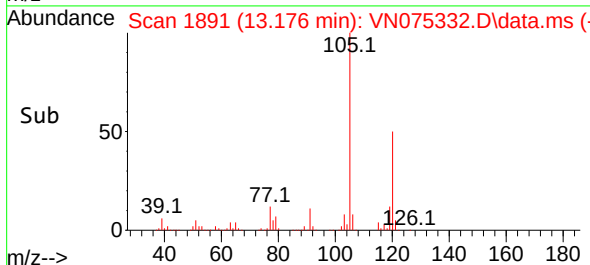
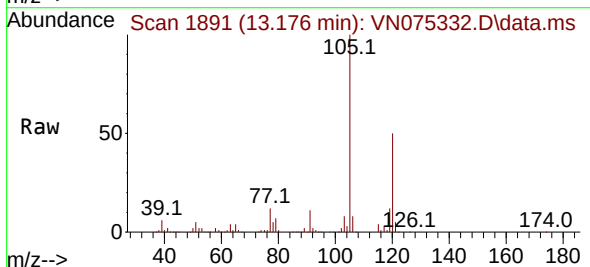
APPROVED

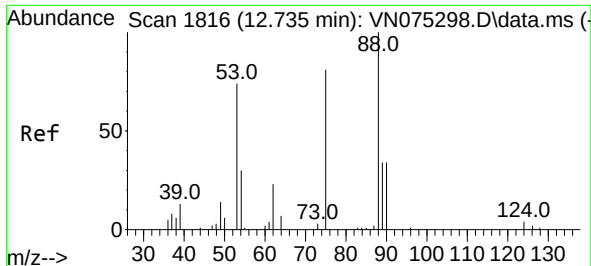
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 55.027 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

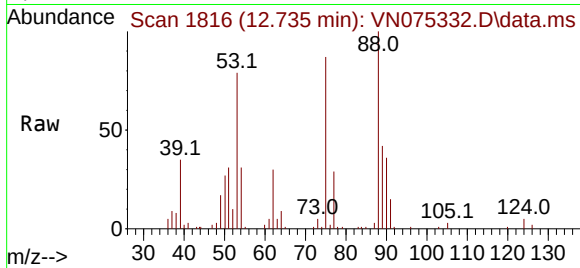
Tgt Ion:105 Resp: 432052
Ion Ratio Lower Upper
105 100
120 50.1 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 54.133 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

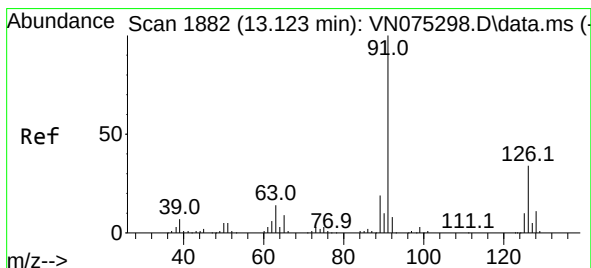
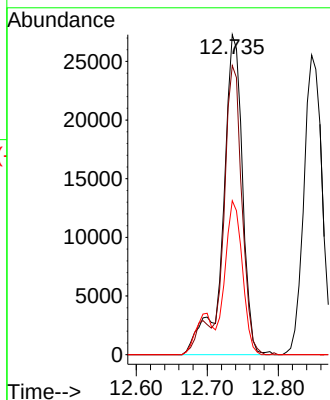
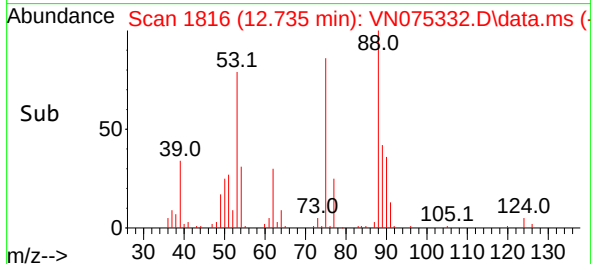
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



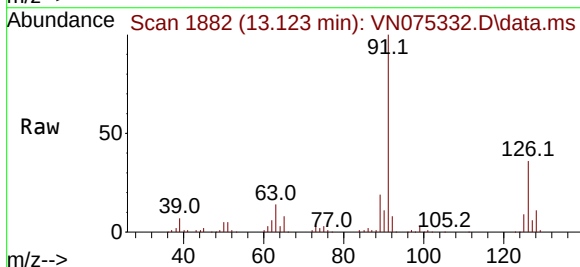
Tgt Ion: 75 Resp: 5213
Ion Ratio Lower Upper
75 100
53 80.4 78.5 117.7
89 42.2 37.7 56.5

Manual Integrations
APPROVED

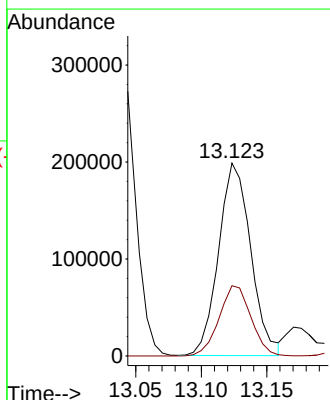
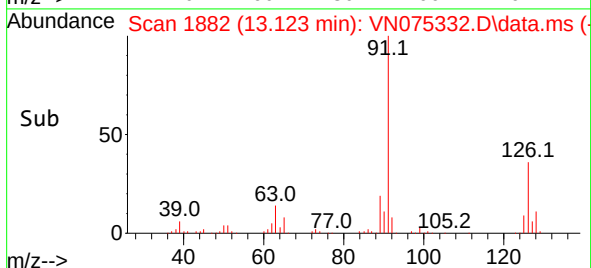
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

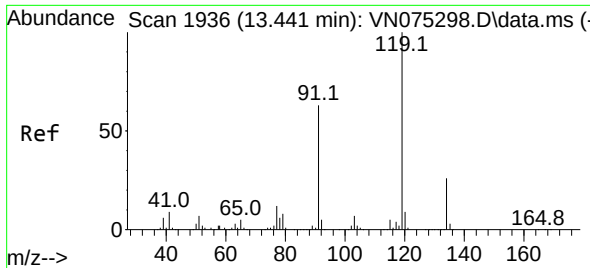


#82
4-Chlorotoluene
Concen: 52.930 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03



Tgt Ion: 91 Resp: 339465
Ion Ratio Lower Upper
91 100
126 36.1 16.9 50.7





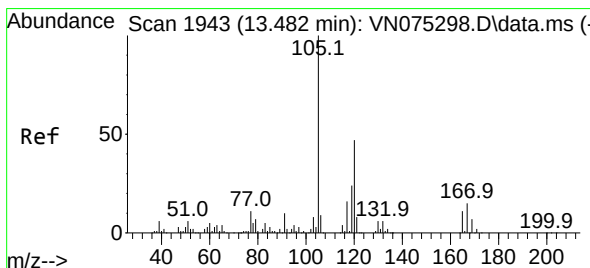
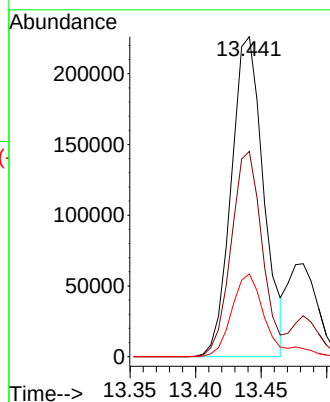
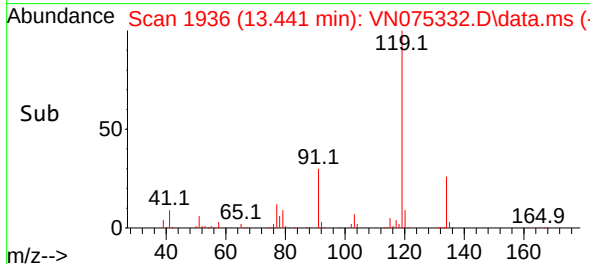
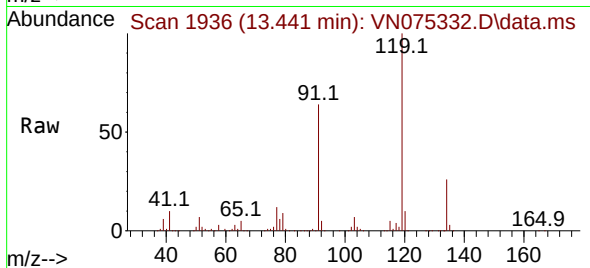
#83
tert-Butylbenzene
Concen: 55.522 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 387359
Ion Ratio Lower Upper
119 100
91 61.8 32.8 98.4
134 27.3 12.3 36.9

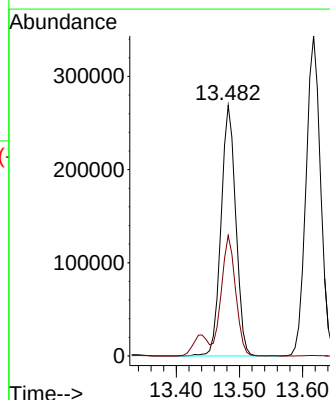
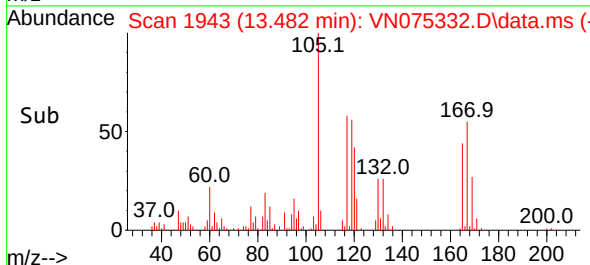
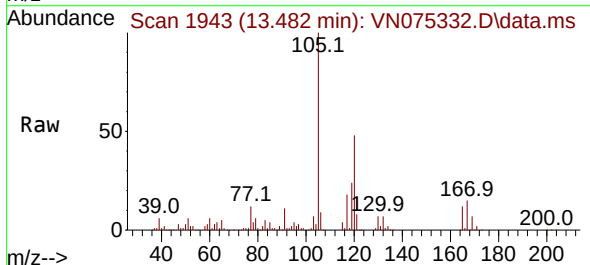
Manual Integrations
APPROVED

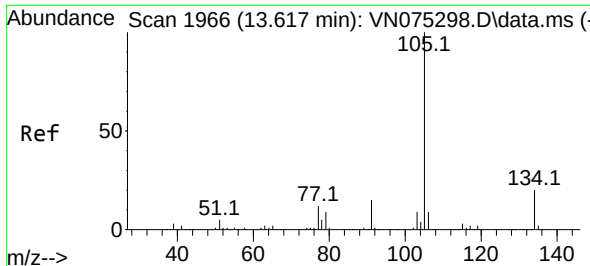
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#84
1,2,4-Trimethylbenzene
Concen: 54.864 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

Tgt Ion:105 Resp: 435844
Ion Ratio Lower Upper
105 100
120 46.8 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 56.205 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075332.D
 Acq: 18 Nov 2022 23:03

Instrument :

MSVOA_N

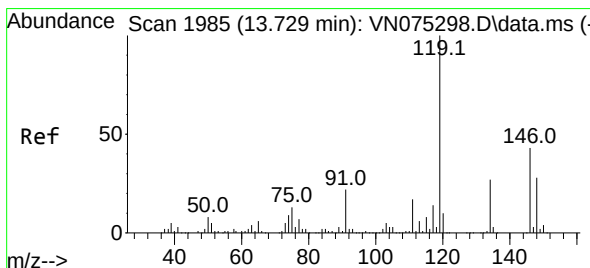
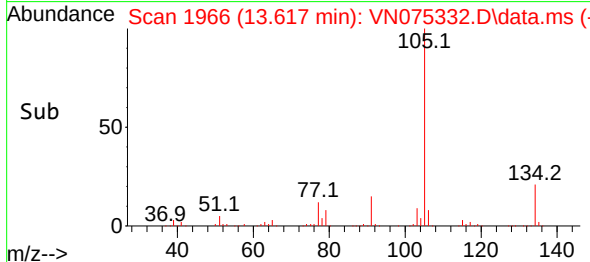
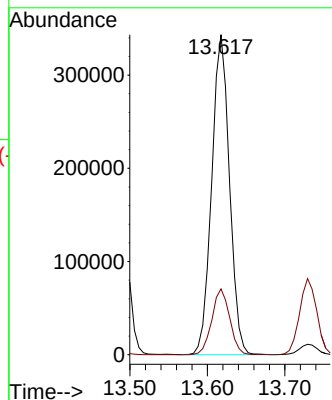
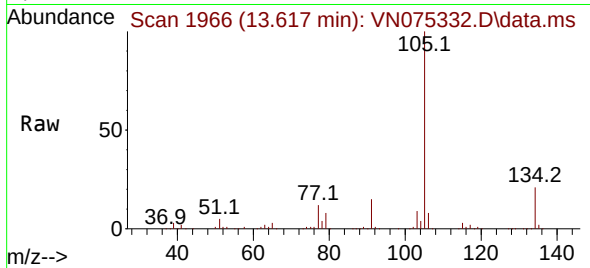
ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 548540
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6

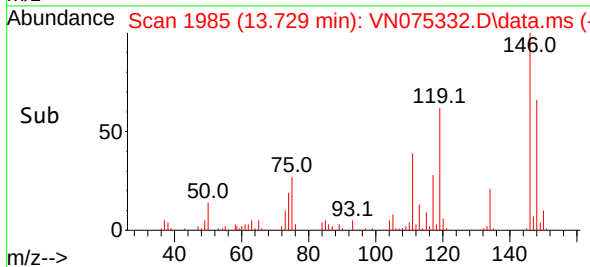
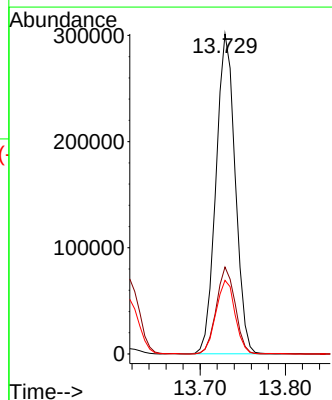
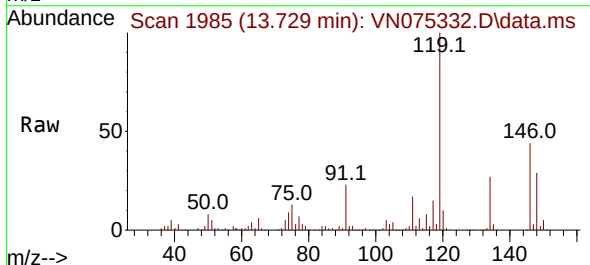
Manual Integrations
 APPROVED

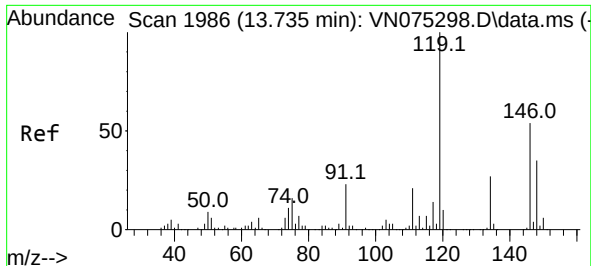
Reviewed By :John Carlone 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#86
 p-Isopropyltoluene
 Concen: 58.419 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075332.D
 Acq: 18 Nov 2022 23:03

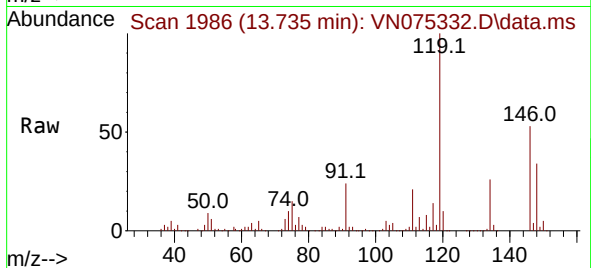
Tgt Ion:119 Resp: 470880
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.1 39.3
 91 23.0 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 58.803 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

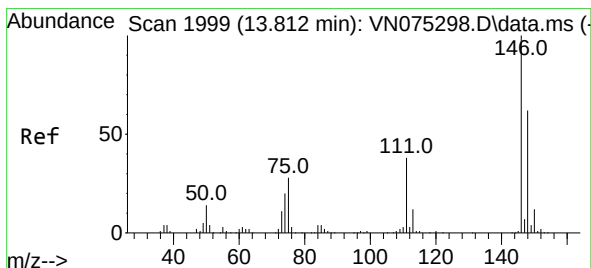
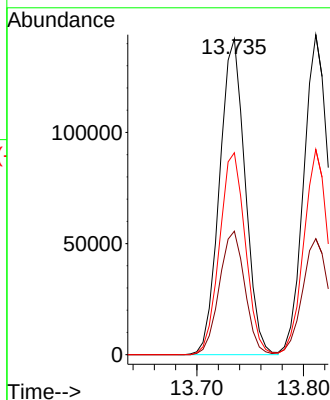
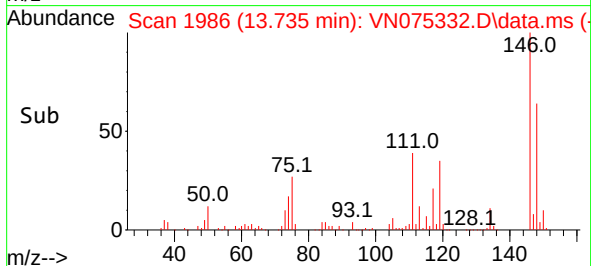
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



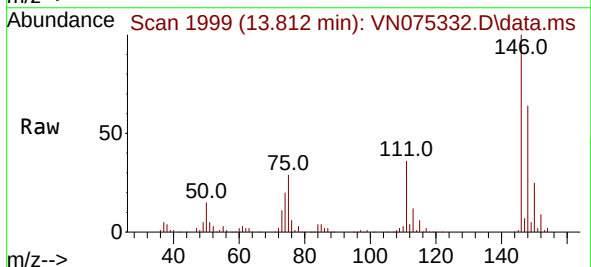
Tgt Ion:146 Resp: 236982
Ion Ratio Lower Upper
146 100
111 39.0 20.8 62.5
148 64.6 31.1 93.5

Manual Integrations
APPROVED

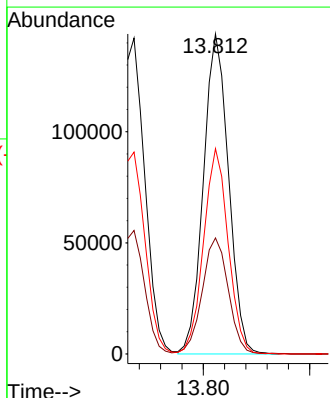
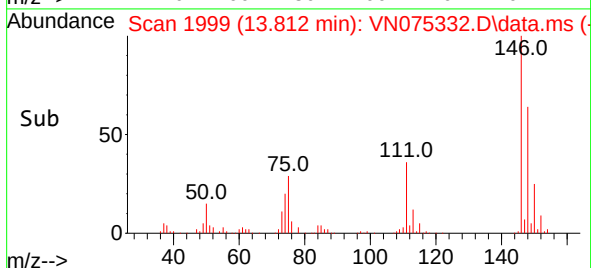
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

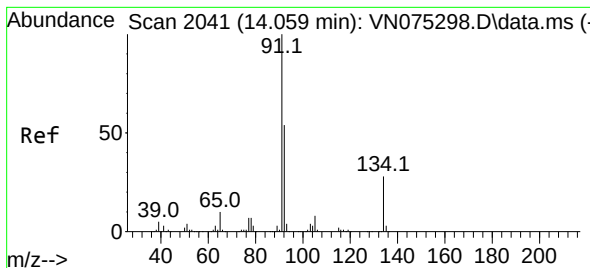


#88
1,4-Dichlorobenzene
Concen: 59.159 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03



Tgt Ion:146 Resp: 235957
Ion Ratio Lower Upper
146 100
111 37.4 20.1 60.3
148 62.9 31.9 95.7





#89

n-Butylbenzene

Concen: 59.399 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075332.D

Acq: 18 Nov 2022 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

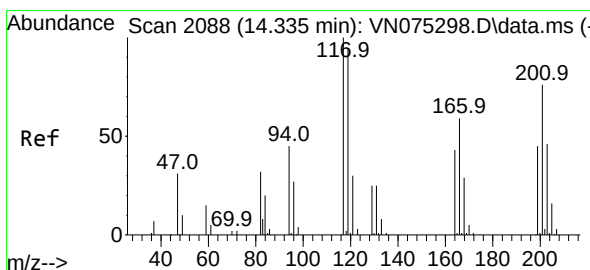
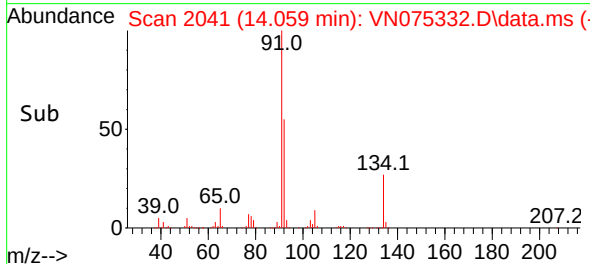
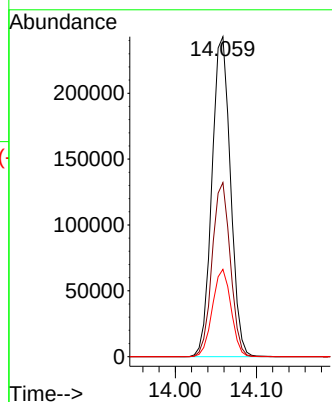
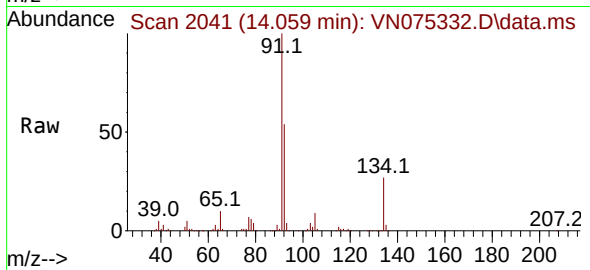
Tgt Ion:	91	Resp:	38554
Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.5	79.4
134	27.4	13.0	39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#90

Hexachloroethane

Concen: 53.385 ug/l

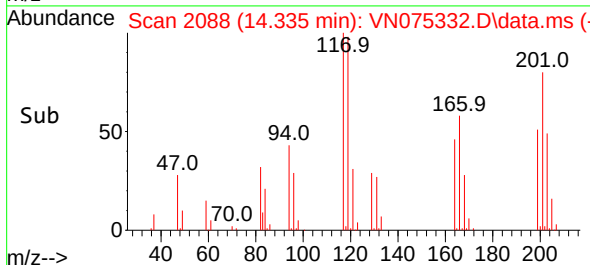
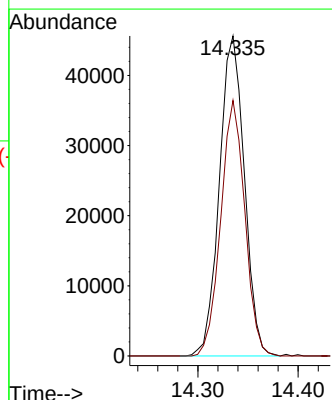
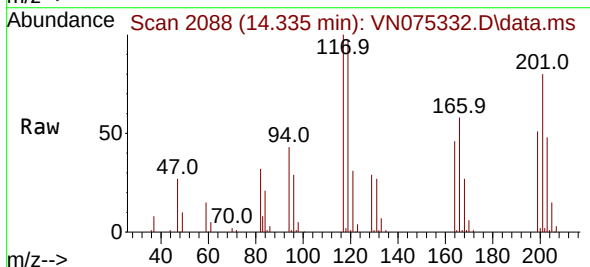
RT: 14.335 min Scan# 2088

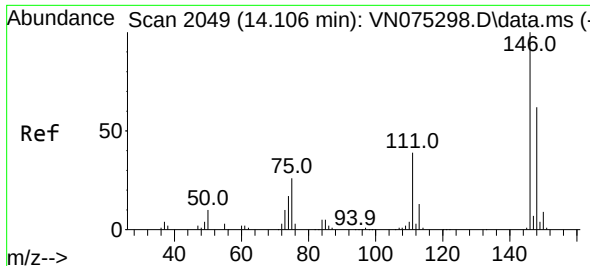
Delta R.T. 0.000 min

Lab File: VN075332.D

Acq: 18 Nov 2022 23:03

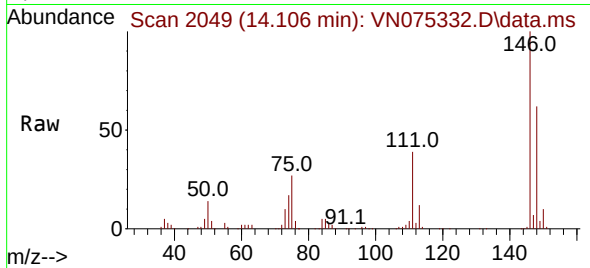
Tgt Ion:	117	Resp:	78895
Ion	Ratio	Lower	Upper
117	100		
201	77.1	31.5	94.5





#91
1,2-Dichlorobenzene
Concen: 58.032 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

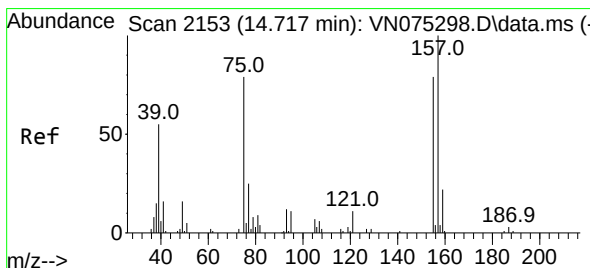
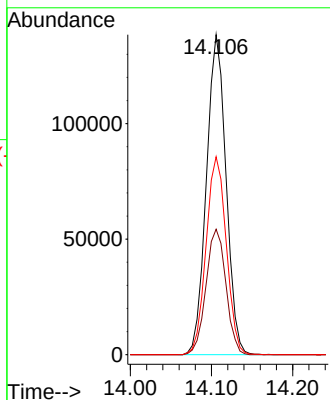
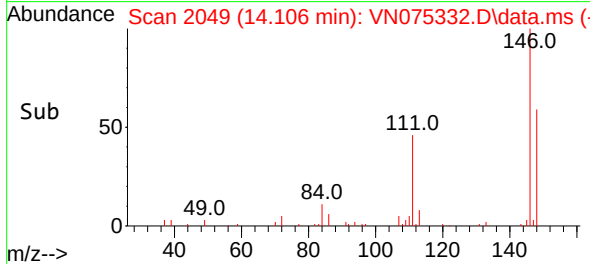
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



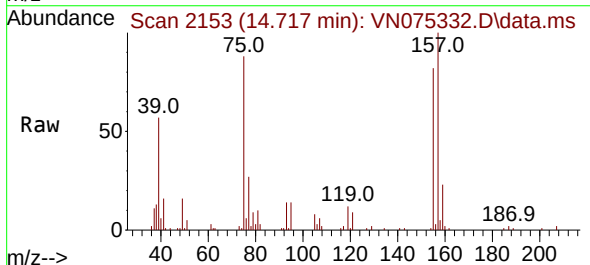
Tgt Ion:146 Resp: 232509
Ion Ratio Lower Upper
146 100
111 39.8 21.3 63.9
148 63.6 31.4 94.2

Manual Integrations
APPROVED

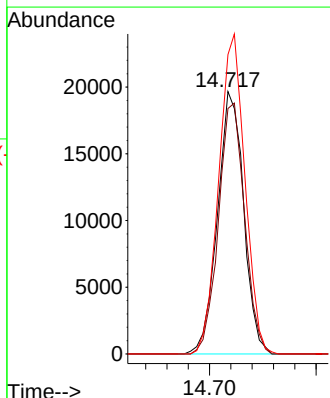
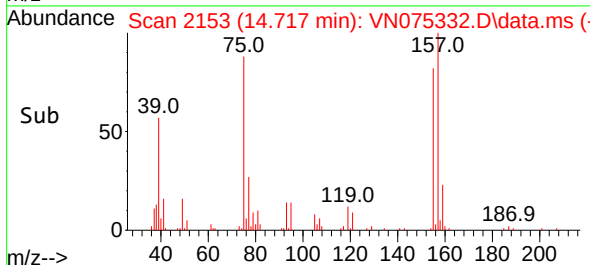
Reviewed By :John Carbone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

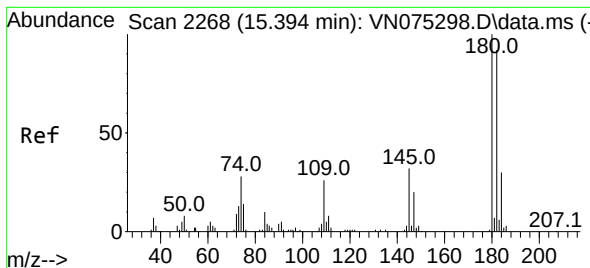


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.953 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. 0.000 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03



Tgt Ion: 75 Resp: 33390
Ion Ratio Lower Upper
75 100
155 95.8 42.1 126.3
157 122.2 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 75.416 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075332.D

Acq: 18 Nov 2022 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

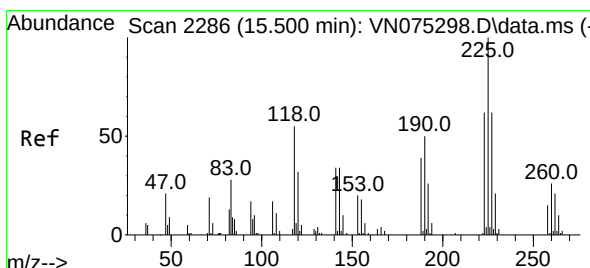
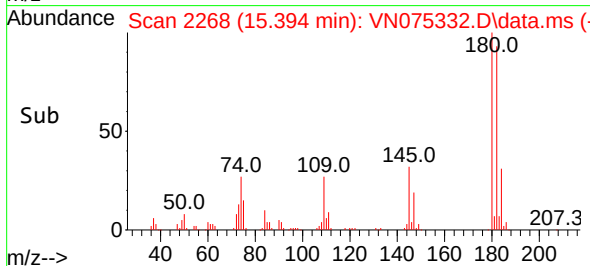
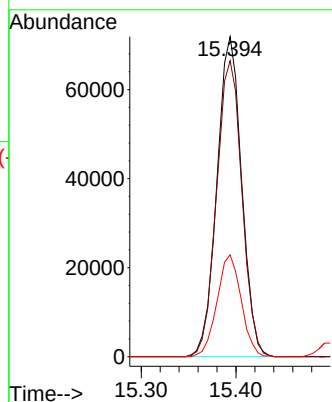
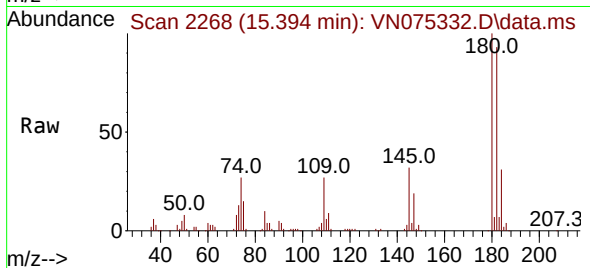
Tgt Ion:180	Resp:	13002	
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.8	143.4
145	31.2	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#94

Hexachlorobutadiene

Concen: 76.622 ug/l

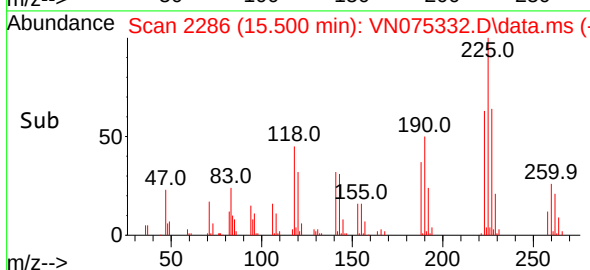
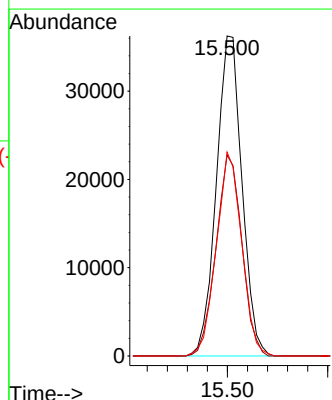
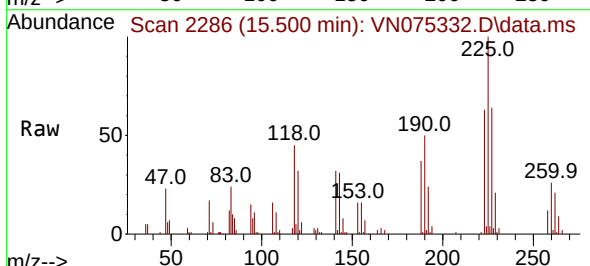
RT: 15.500 min Scan# 2286

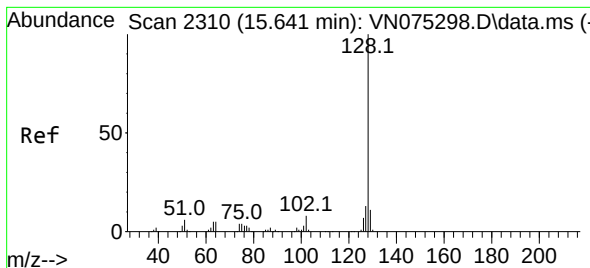
Delta R.T. -0.000 min

Lab File: VN075332.D

Acq: 18 Nov 2022 23:03

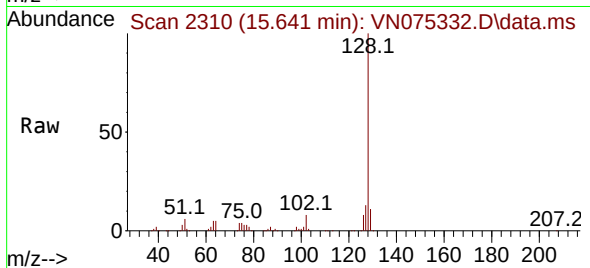
Tgt Ion:225	Resp:	64400	
Ion Ratio	Lower	Upper	
225	100		
223	63.3	32.3	96.9
227	63.0	32.0	96.2





#95
Naphthalene
Concen: 64.158 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03

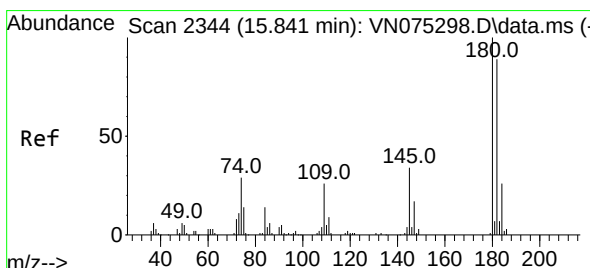
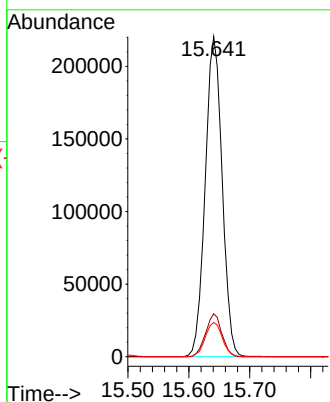
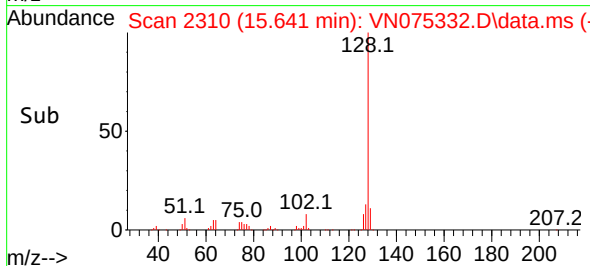
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



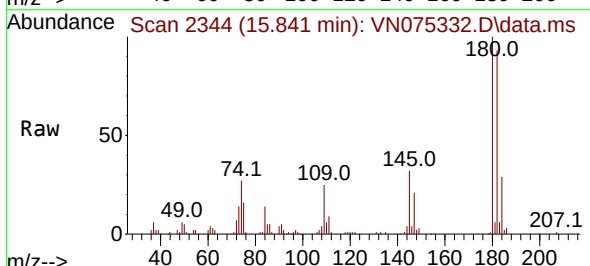
Tgt Ion:128 Resp: 425374
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#96
1,2,3-Trichlorobenzene
Concen: 75.785 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075332.D
Acq: 18 Nov 2022 23:03



Tgt Ion:180 Resp: 129823
Ion Ratio Lower Upper
180 100
182 92.9 47.3 141.8
145 32.0 17.6 52.9

