

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102622\
 Data File : VN075020.D
 Acq On : 26 Oct 2022 12:37
 Operator : JC\MD
 Sample : VSTDIC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 27 06:08:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 06:06:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	119724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	223950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	213982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	116805	72.409	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 144.820%#			
35) Dibromofluoromethane	8.171	113	96237	73.201	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 146.400%#			
50) Toluene-d8	10.571	98	390893	76.635	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 153.280%#			
62) 4-Bromofluorobenzene	12.853	95	147455	82.296	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 164.600%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	117775	75.620	ug/l	97
3) Chloromethane	2.371	50	110007	66.497	ug/l	100
4) Vinyl Chloride	2.524	62	161123	68.272	ug/l	96
5) Bromomethane	2.918	94	126001	65.146	ug/l	94
6) Chloroethane	3.095	64	109688	64.815	ug/l	96
7) Trichlorofluoromethane	3.489	101	165386	68.600	ug/l	97
8) Diethyl Ether	3.965	74	61394	69.818	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	92182	69.236	ug/l	99
10) Methyl Iodide	4.589	142	139303	70.280	ug/l	98
11) Tert butyl alcohol	5.547	59	128113	340.554	ug/l	99
12) 1,1-Dichloroethene	4.347	96	89335	70.392	ug/l	95
13) Acrolein	4.189	56	108805	353.605	ug/l	100
14) Allyl chloride	5.030	41	119939	64.708	ug/l	93
15) Acrylonitrile	5.730	53	282250	355.177	ug/l	99
16) Acetone	4.442	43	225092	329.543	ug/l	97
17) Carbon Disulfide	4.718	76	227101	71.159	ug/l	100
18) Methyl Acetate	5.036	43	155354	69.630	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	341687	72.439	ug/l	100
20) Methylene Chloride	5.283	84	103798	68.156	ug/l	98
21) trans-1,2-Dichloroethene	5.788	96	100396	72.251	ug/l	98
22) Diisopropyl ether	6.683	45	296668	72.527	ug/l	96
23) Vinyl Acetate	6.612	43	1241314m	390.681	ug/l	
24) 1,1-Dichloroethane	6.577	63	182233	70.441	ug/l	98
25) 2-Butanone	7.494	43	379057	352.822	ug/l	99
26) 2,2-Dichloropropane	7.500	77	171258	71.959	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	119841	72.219	ug/l	98
28) Bromochloromethane	7.818	49	77914	71.445	ug/l	94
29) Tetrahydrofuran	7.841	42	250115	360.271	ug/l	98
30) Chloroform	7.971	83	206103	73.377	ug/l	99
31) Cyclohexane	8.259	56	160058	66.713	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	188401	73.862	ug/l	96
36) 1,1-Dichloropropene	8.377	75	149094	73.251	ug/l	99
37) Ethyl Acetate	7.571	43	154334	69.141	ug/l	99
38) Carbon Tetrachloride	8.371	117	167319	74.731	ug/l	99
39) Methylcyclohexane	9.606	83	201108	74.843	ug/l	96
40) Benzene	8.612	78	453289	72.735	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	76503	71.536	ug/l	97
42) 1,2-Dichloroethane	8.677	62	157480	69.456	ug/l	98
43) Isopropyl Acetate	8.694	43	247986	71.623	ug/l	98
44) Trichloroethene	9.359	130	113521	72.605	ug/l	99
45) 1,2-Dichloropropane	9.624	63	107678	72.603	ug/l	98
46) Dibromomethane	9.712	93	83169	71.978	ug/l	99
47) Bromodichloromethane	9.888	83	162495	72.620	ug/l	96
48) Methyl methacrylate	9.682	41	110909	69.831	ug/l	98
49) 1,4-Dioxane	9.700	88	62265	1497.110	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	801510	358.731	ug/l	98
52) Toluene	10.635	92	316409	75.952	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	184483	78.111	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	190171	75.916	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	121810	73.742	ug/l	97
56) Ethyl methacrylate	10.876	69	192917	76.565	ug/l	98
57) 1,3-Dichloropropane	11.165	76	202102	73.469	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	370858	380.721	ug/l	98
59) 2-Hexanone	11.200	43	615960	363.237	ug/l	98
60) Dibromochloromethane	11.365	129	137779	79.058	ug/l	99
61) 1,2-Dibromoethane	11.470	107	131027	77.402	ug/l	99
64) Tetrachloroethene	11.106	164	91981	70.113	ug/l	98
65) Chlorobenzene	11.894	112	339046	74.230	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	126494	74.656	ug/l	99
67) Ethyl Benzene	11.965	91	616256	74.993	ug/l	98
68) m/p-Xylenes	12.076	106	510335	154.774	ug/l	100
69) o-Xylene	12.400	106	251855	77.236	ug/l	96
70) Styrene	12.412	104	416633	80.131	ug/l	98
71) Bromoform	12.582	173	105171	82.906	ug/l #	99
73) Isopropylbenzene	12.700	105	660439	68.828	ug/l	98
74) N-amyl acetate	12.494	43	233467	65.786	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	201139	64.262	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	178971m	63.292	ug/l	
77) Bromobenzene	12.982	156	143836	68.078	ug/l	97
78) n-propylbenzene	13.041	91	755583	70.136	ug/l	100
79) 2-Chlorotoluene	13.129	91	447413	67.963	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	578887	71.827	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	76514	77.394	ug/l	89
82) 4-Chlorotoluene	13.129	91	447413	67.963	ug/l	98
83) tert-Butylbenzene	13.441	119	503561	70.317	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	586599	71.937	ug/l	100
85) sec-Butylbenzene	13.617	105	723993	72.268	ug/l	100
86) p-Isopropyltoluene	13.729	119	626054	75.668	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	305788	73.919	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	298387	72.883	ug/l	100
89) n-Butylbenzene	14.059	91	506585	76.034	ug/l	99
90) Hexachloroethane	14.335	117	108608	71.595	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	295366	71.820	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	44253	68.371	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	132815	75.049	ug/l	99
94) Hexachlorobutadiene	15.506	225	60071	69.628	ug/l	99
95) Naphthalene	15.641	128	500495	73.542	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	130402	74.160	ug/l	99

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

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ClientSampleId :

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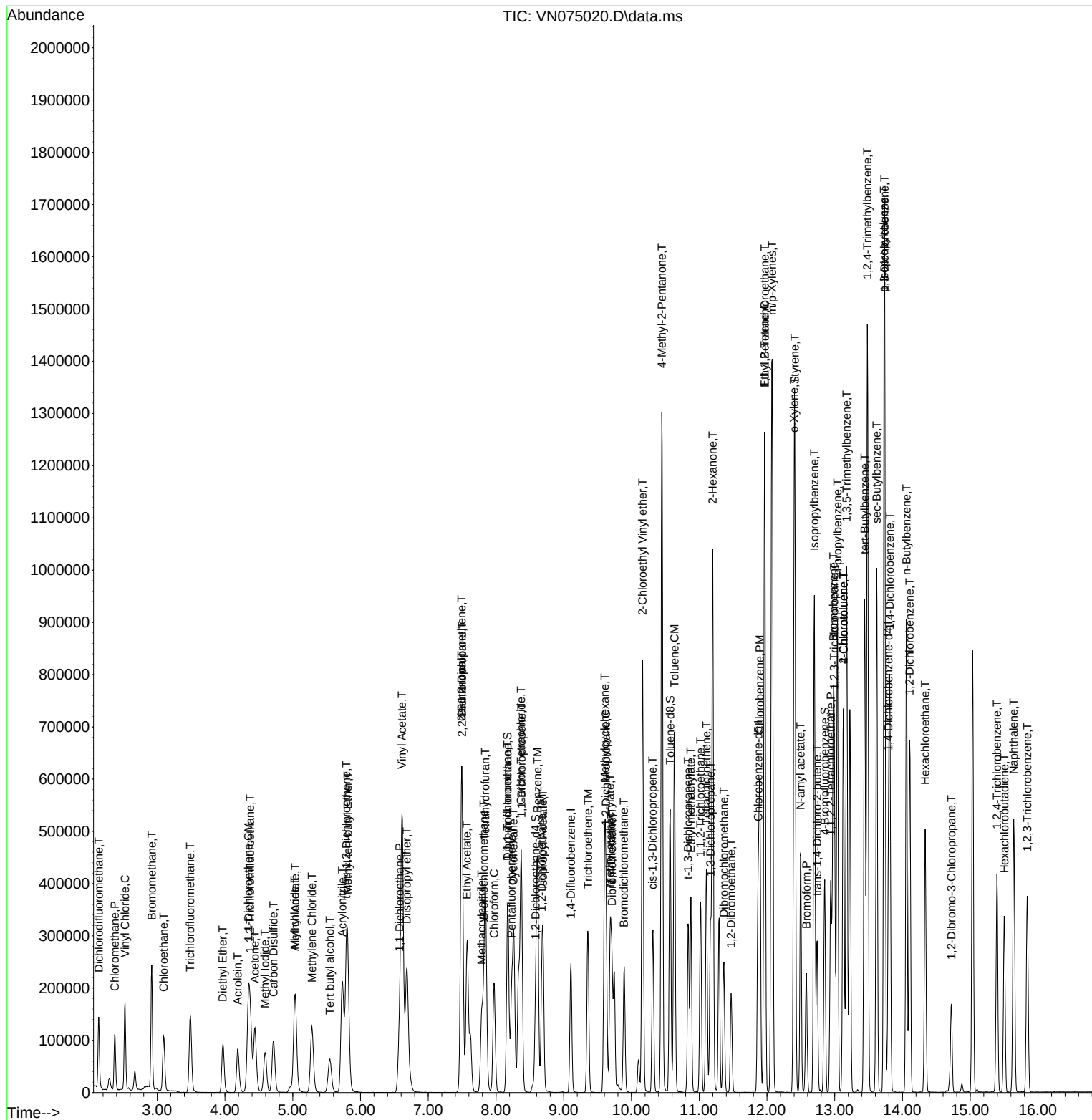
Quant Time: Oct 27 06:08:35 2022

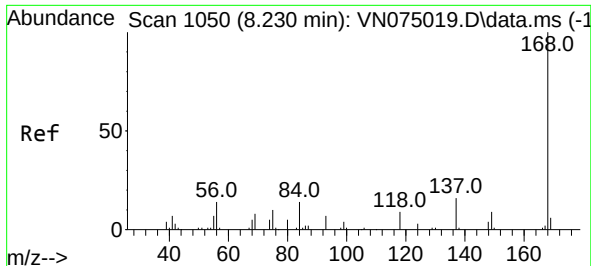
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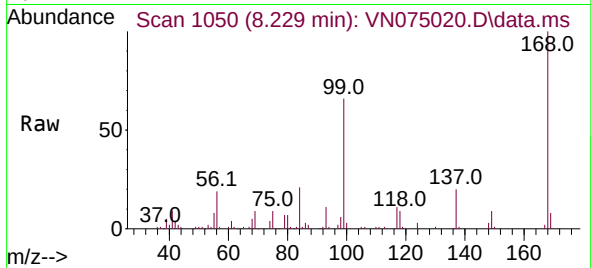
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075020.D
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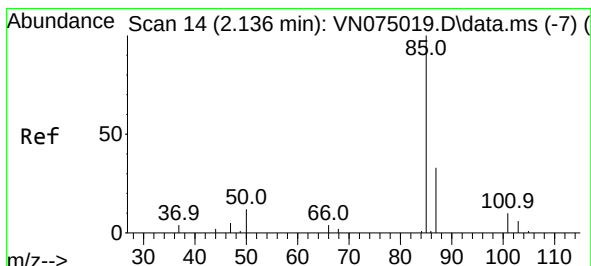
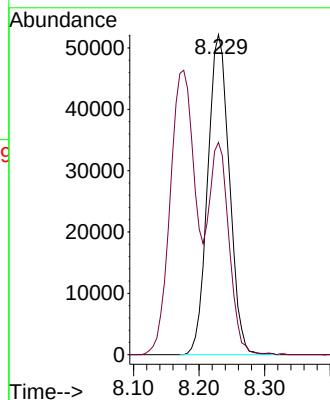
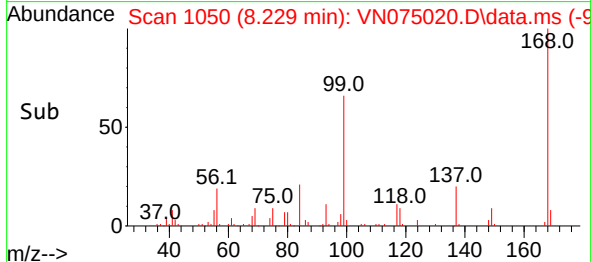


Tgt Ion:168 Resp: 119724
Ion Ratio Lower Upper
168 100
99 66.0 51.6 77.4

Manual Integrations

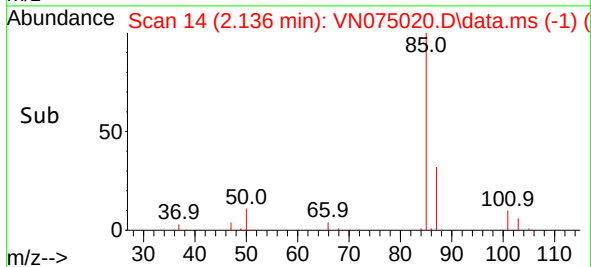
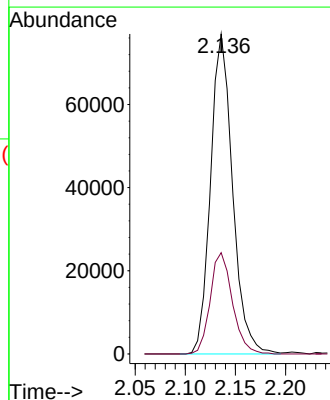
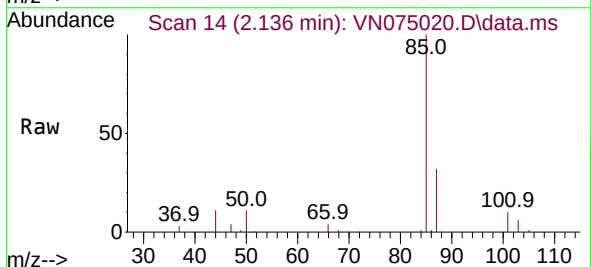
APPROVED

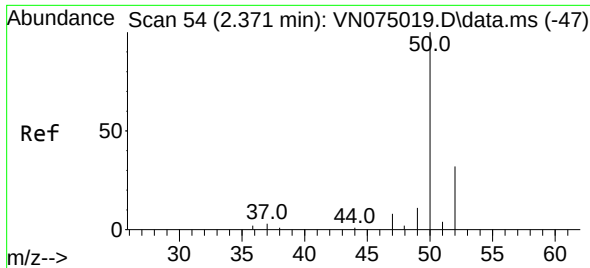
Reviewed By :John Carlone 10/27/2022
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#2
Dichlorodifluoromethane
Concen: 75.620 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075020.D
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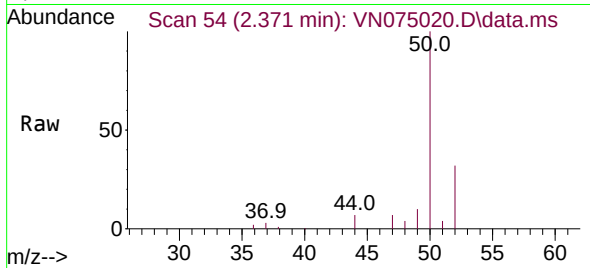
Tgt Ion: 85 Resp: 117775
Ion Ratio Lower Upper
85 100
87 31.7 16.7 50.0





#3
Chloromethane
Concen: 66.497 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

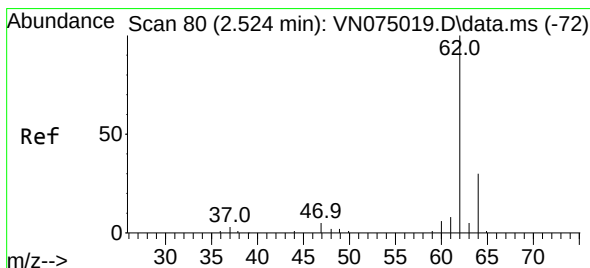
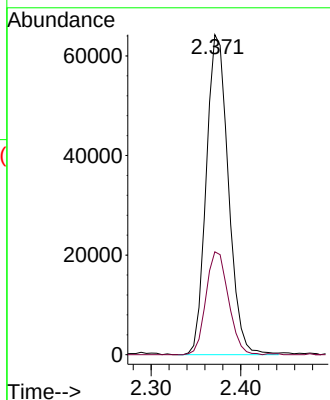
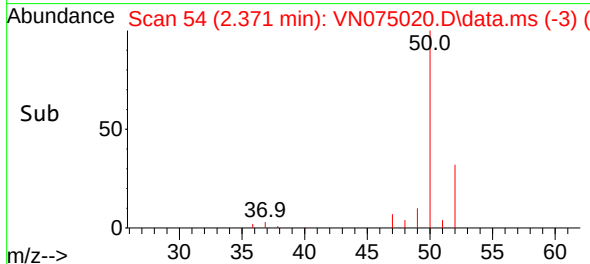
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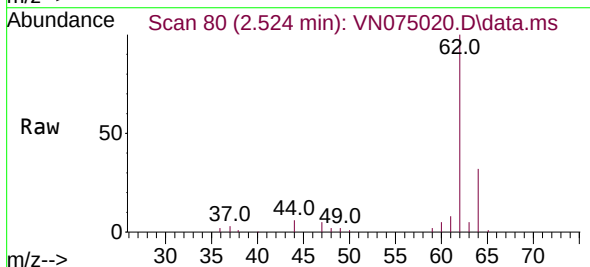
Tgt Ion: 50 Resp: 11000
Ion Ratio Lower Upper
50 100
52 32.2 25.8 38.6

Manual Integrations
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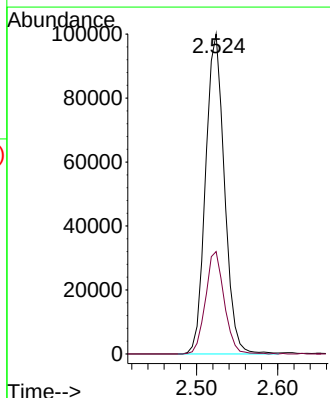
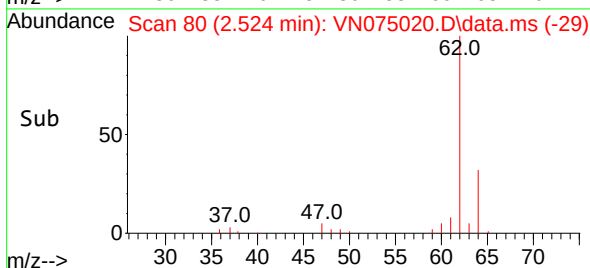
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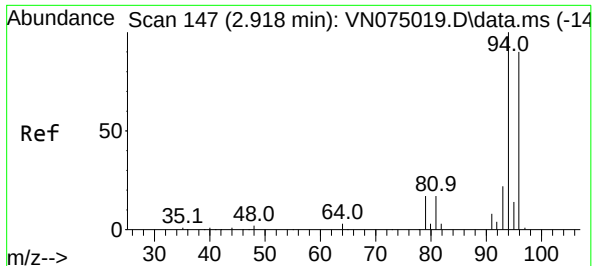


#4
Vinyl Chloride
Concen: 68.272 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37



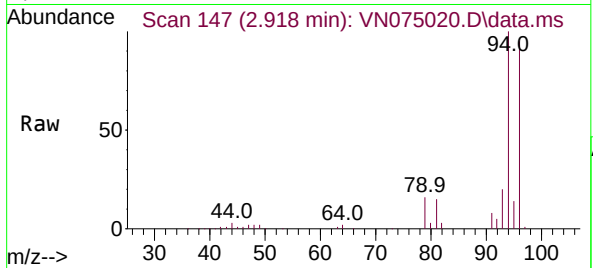
Tgt Ion: 62 Resp: 161123
Ion Ratio Lower Upper
62 100
64 32.0 24.0 36.0





#5
Bromomethane
Concen: 65.146 ug/l
RT: 2.918 min Scan# 147
Delta R.T. -0.000 min
Lab File: VN075020.D
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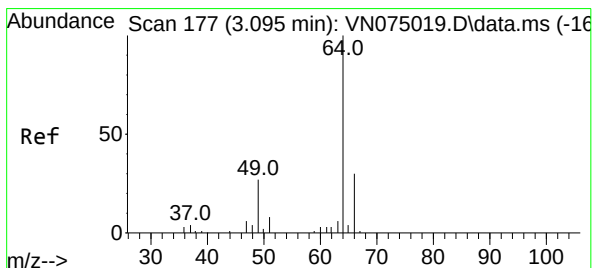
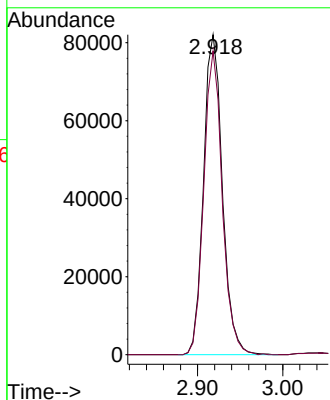
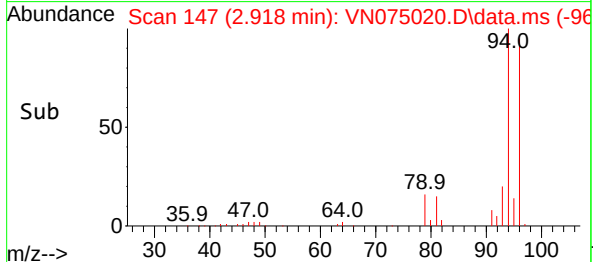
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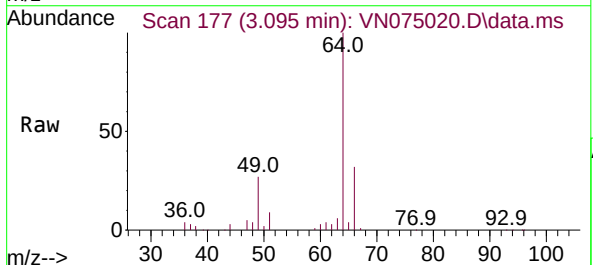
Tgt Ion: 94 Resp: 12600
Ion Ratio Lower Upper
94 100
96 94.9 71.8 107.6

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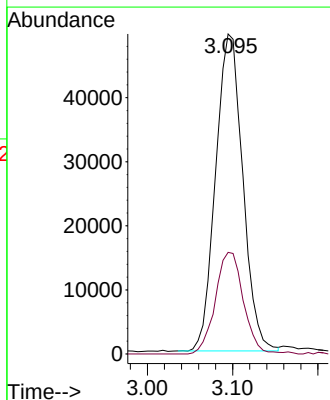
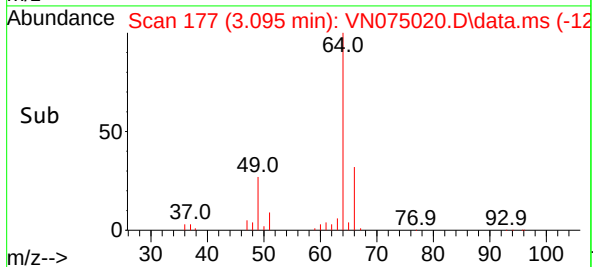
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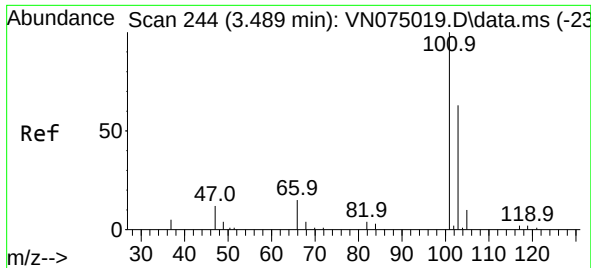


#6
Chloroethane
Concen: 64.815 ug/l
RT: 3.095 min Scan# 177
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37



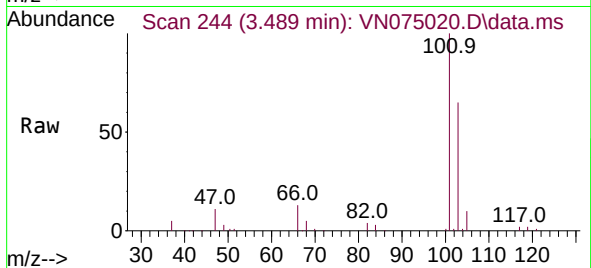
Tgt Ion: 64 Resp: 109688
Ion Ratio Lower Upper
64 100
66 32.1 23.8 35.8





#7
Trichlorofluoromethane
Concen: 68.600 ug/l
RT: 3.489 min Scan# 244
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

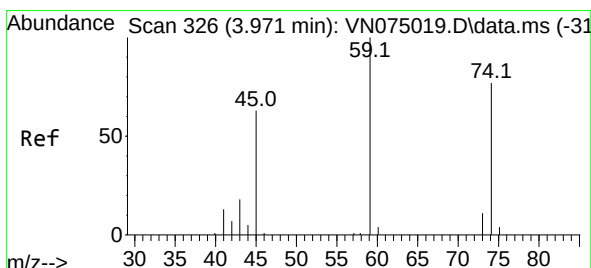
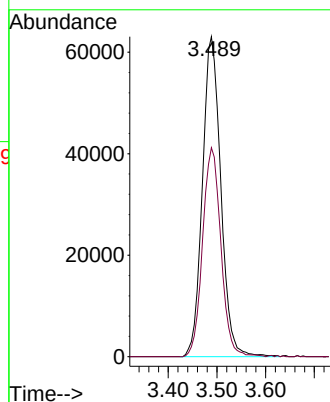
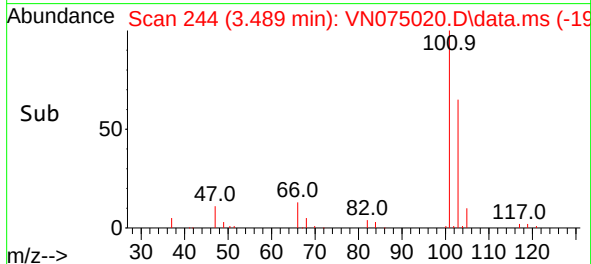
Instrument :
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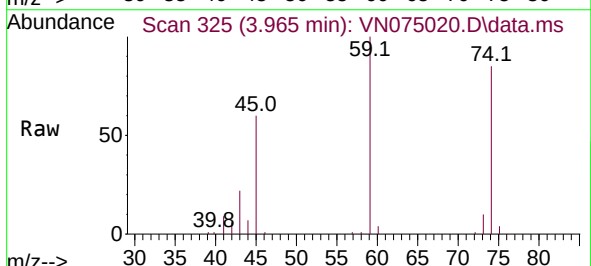
Tgt Ion:101 Resp: 165380
Ion Ratio Lower Upper
101 100
103 65.3 50.5 75.7

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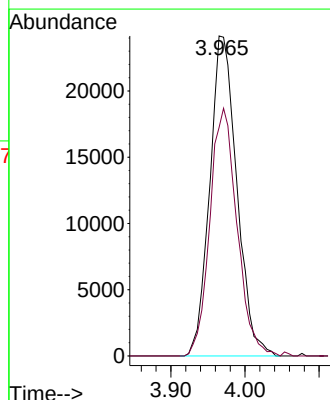
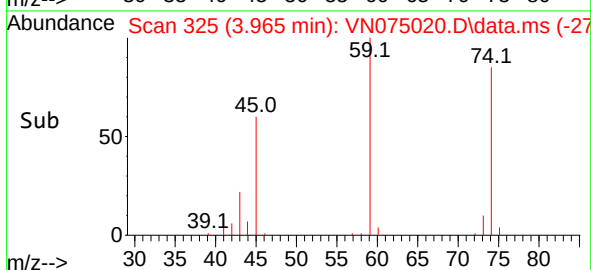
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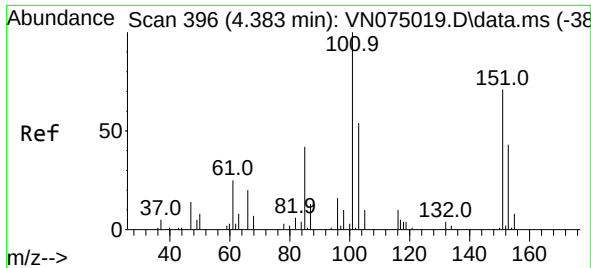


#8
Diethyl Ether
Concen: 69.818 ug/l
RT: 3.965 min Scan# 325
Delta R.T. -0.006 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37



Tgt Ion: 74 Resp: 61394
Ion Ratio Lower Upper
74 100
45 77.5 39.3 117.9





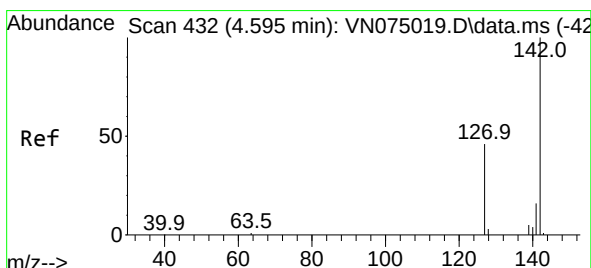
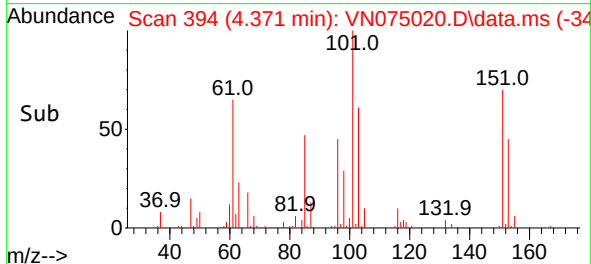
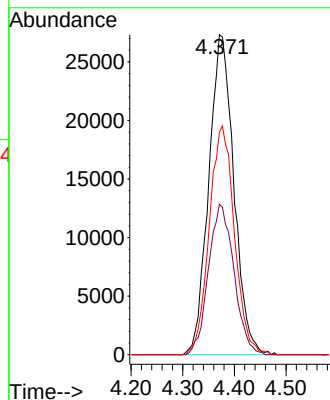
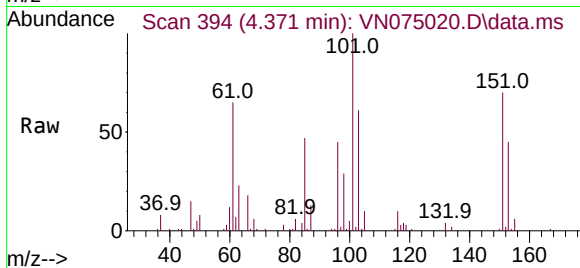
#9
1,1,2-Trichlorotrifluoroethane
Concen: 69.236 ug/l
RT: 4.371 min Scan# 394
Delta R.T. -0.012 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:101 Resp: 9218
Ion Ratio Lower Upper
101 100
85 47.6 37.6 56.4
151 71.6 58.3 87.5

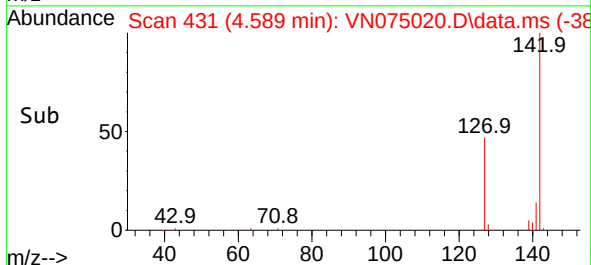
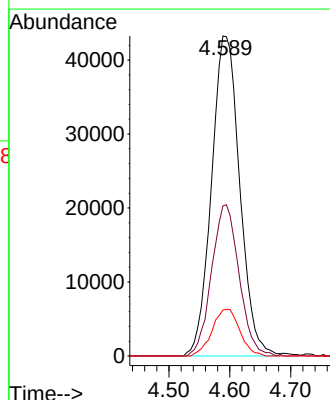
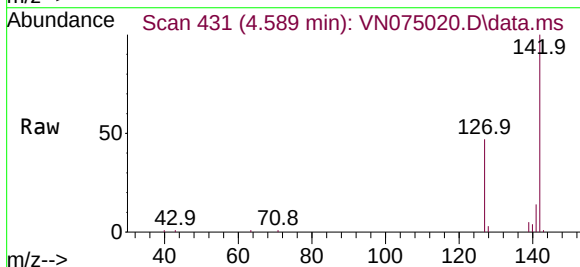
Manual Integrations
APPROVED

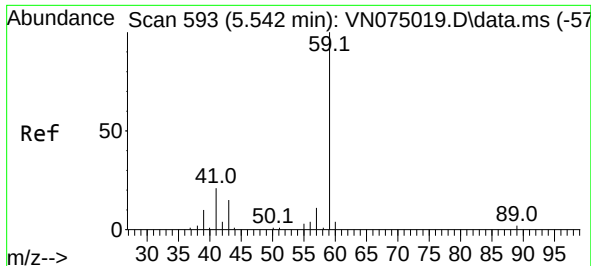
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#10
Methyl Iodide
Concen: 70.280 ug/l
RT: 4.589 min Scan# 431
Delta R.T. -0.006 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

Tgt Ion:142 Resp: 139303
Ion Ratio Lower Upper
142 100
127 46.0 38.0 57.0
141 14.2 12.2 18.4





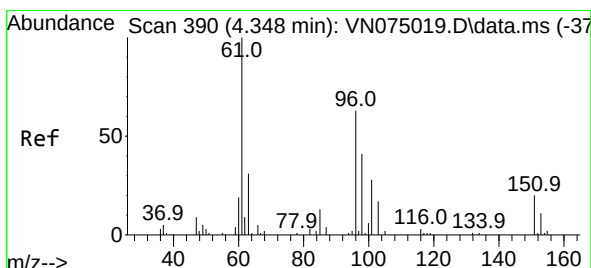
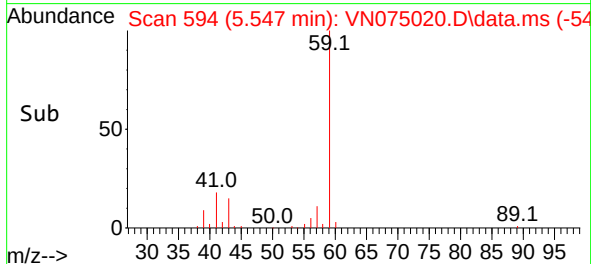
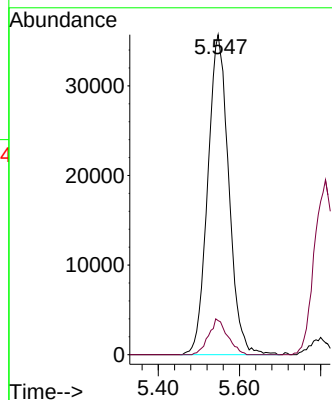
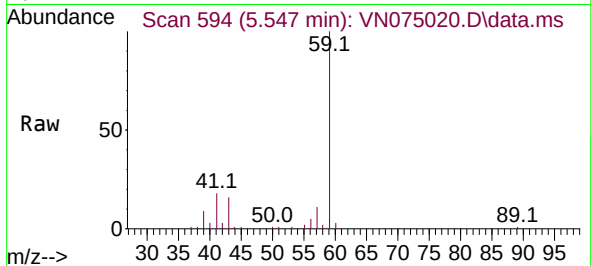
#11
Tert butyl alcohol
Concen: 340.554 ug/l
RT: 5.547 min Scan# 59
Delta R.T. 0.006 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 59 Resp: 12811
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7

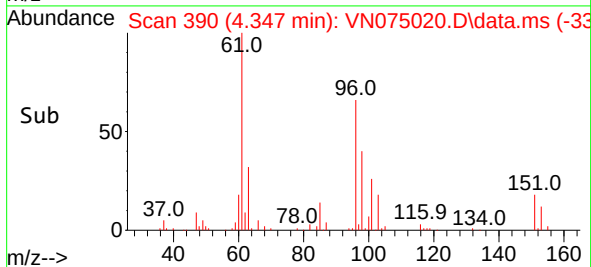
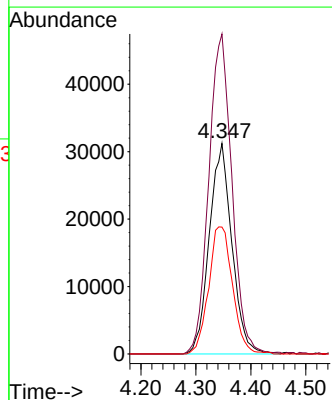
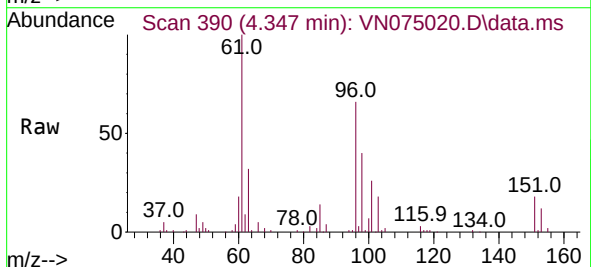
Manual Integrations
APPROVED

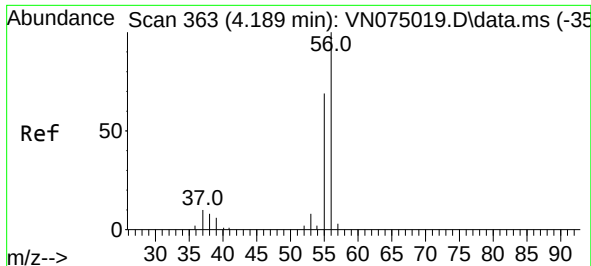
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#12
1,1-Dichloroethene
Concen: 70.392 ug/l
RT: 4.347 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

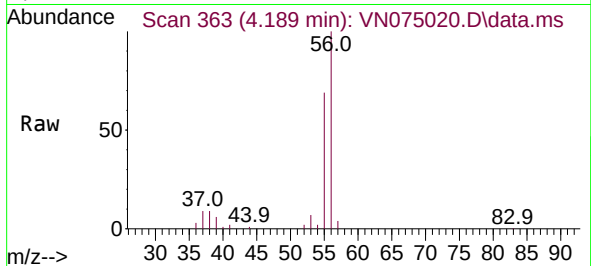
Tgt Ion: 96 Resp: 89335
Ion Ratio Lower Upper
96 100
61 151.9 126.2 189.4
98 60.3 51.5 77.3





#13
Acrolein
Concen: 353.605 ug/l
RT: 4.189 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

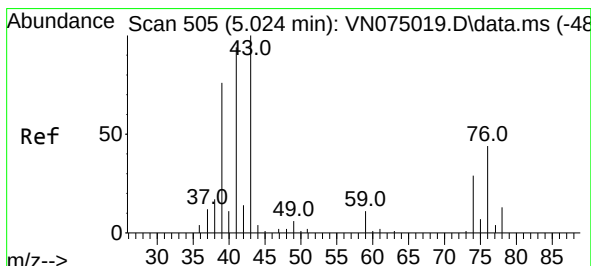
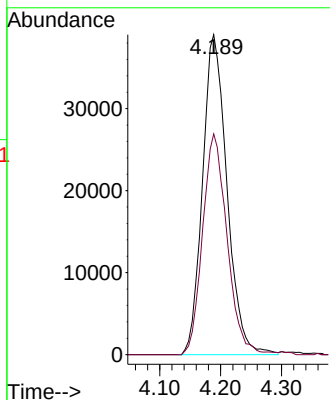
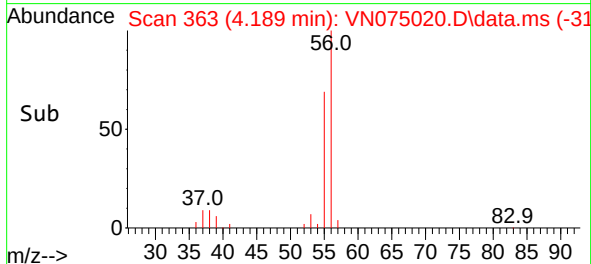
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



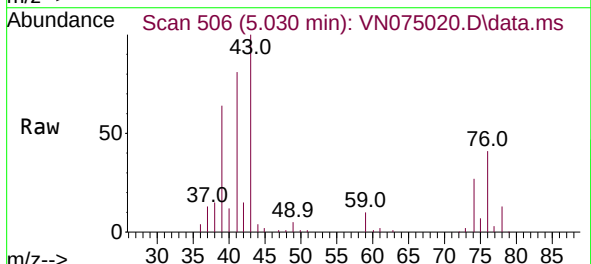
Tgt Ion: 56 Resp: 10880
Ion Ratio Lower Upper
56 100
55 69.2 55.2 82.8

Manual Integrations
APPROVED

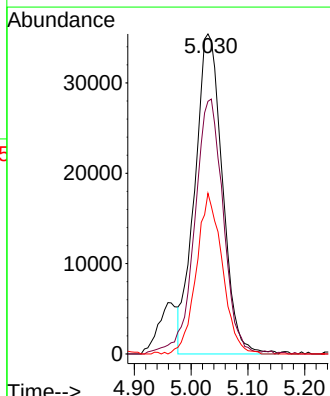
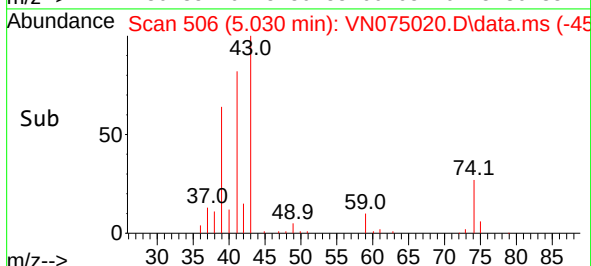
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

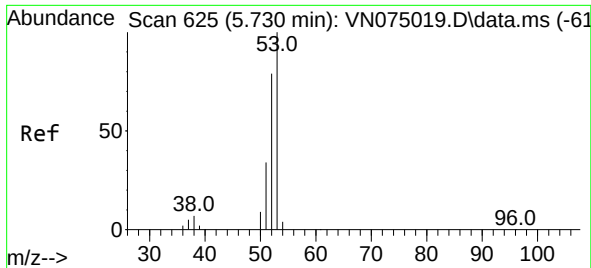


#14
Allyl chloride
Concen: 64.708 ug/l
RT: 5.030 min Scan# 506
Delta R.T. 0.006 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37



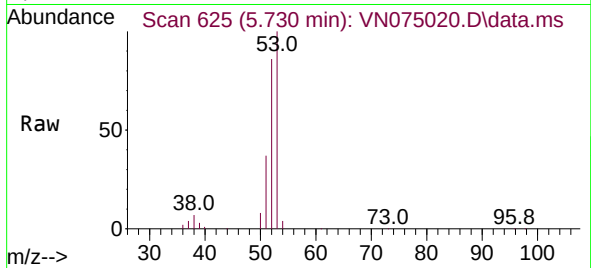
Tgt Ion: 41 Resp: 119939
Ion Ratio Lower Upper
41 100
39 82.1 61.0 91.4
76 47.1 33.4 50.0





#15
Acrylonitrile
Concen: 355.177 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

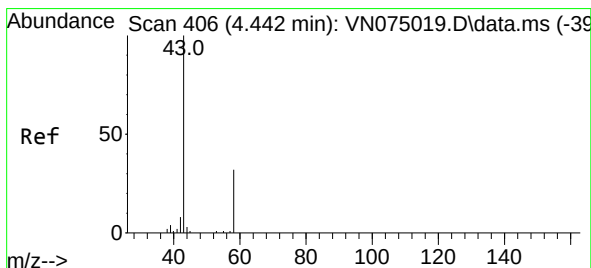
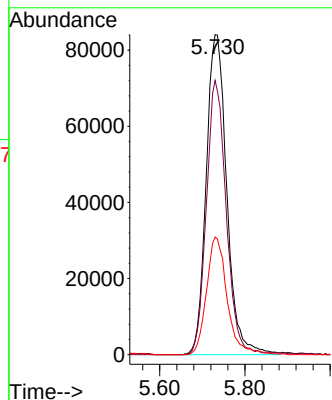
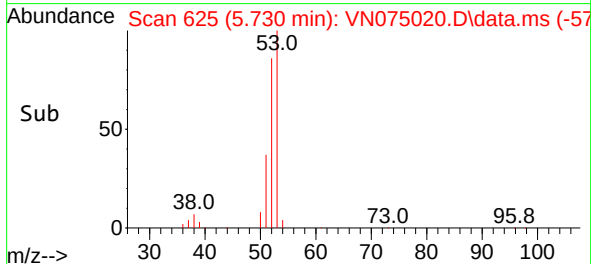
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion: 53 Resp: 282250
Ion Ratio Lower Upper
53 100
52 82.4 66.4 99.6
51 36.9 29.6 44.4

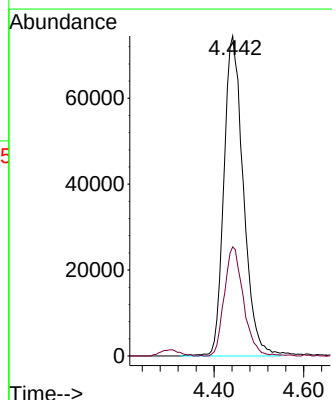
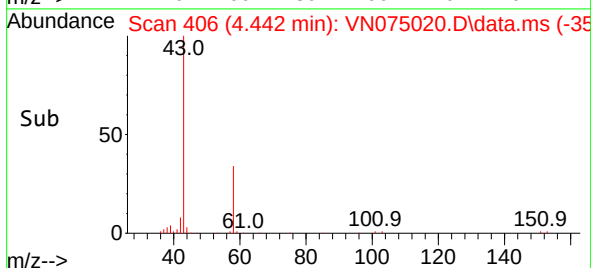
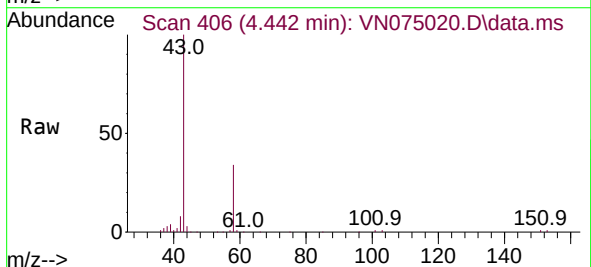
Manual Integrations
APPROVED

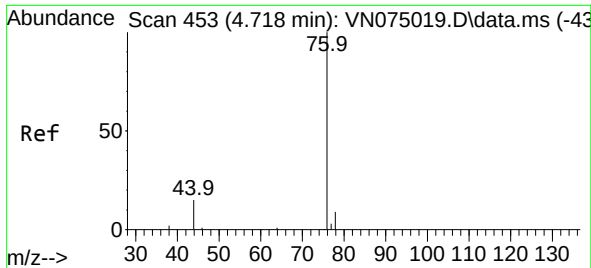
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#16
Acetone
Concen: 329.543 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

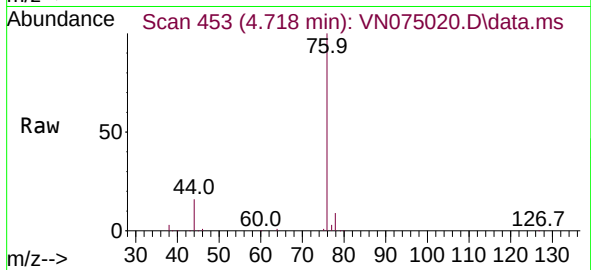
Tgt Ion: 43 Resp: 225092
Ion Ratio Lower Upper
43 100
58 33.8 25.5 38.3





#17
Carbon Disulfide
Concen: 71.159 ug/l
RT: 4.718 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

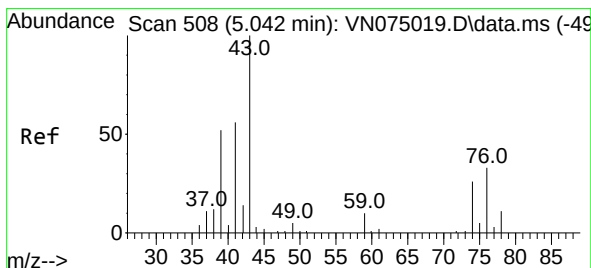
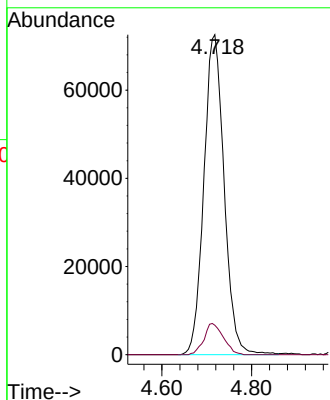
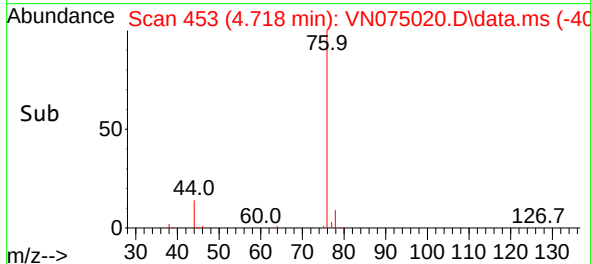
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



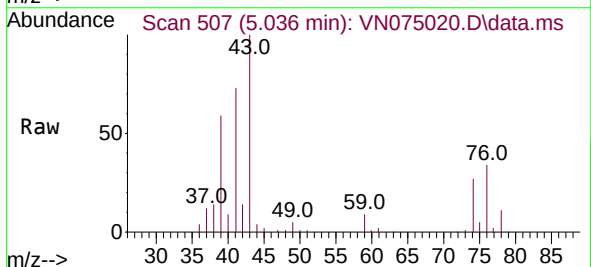
Tgt Ion: 76 Resp: 22710
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

Manual Integrations
APPROVED

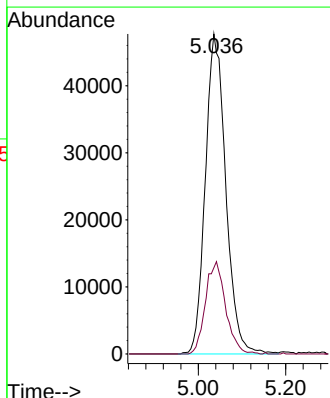
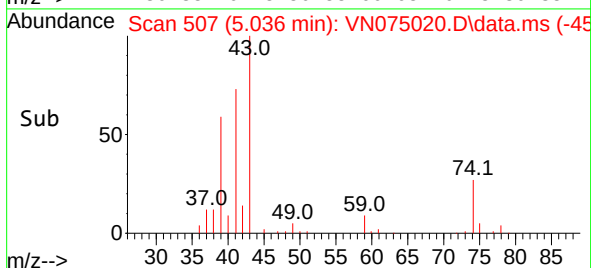
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

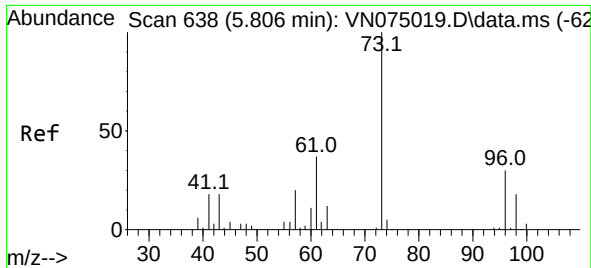


#18
Methyl Acetate
Concen: 69.630 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37



Tgt Ion: 43 Resp: 155354
Ion Ratio Lower Upper
43 100
74 28.4 22.0 33.0





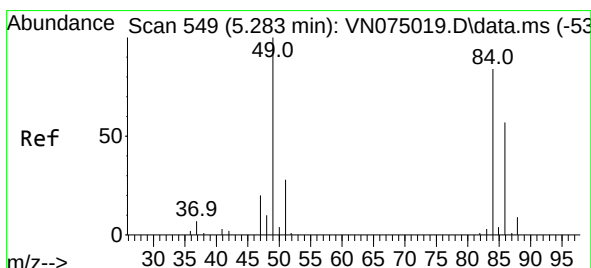
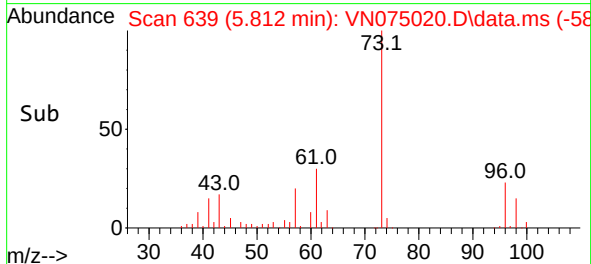
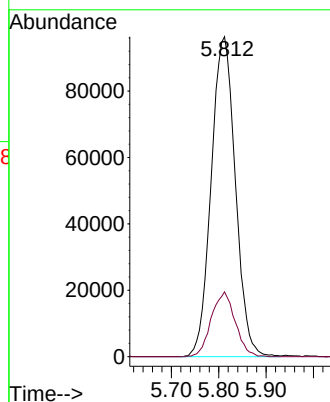
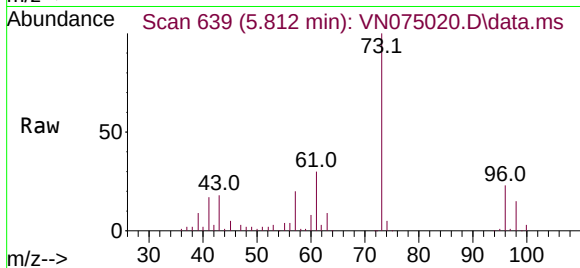
#19
Methyl tert-butyl Ether
Concen: 72.439 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 73 Resp: 34168
Ion Ratio Lower Upper
73 100
57 20.2 16.3 24.5

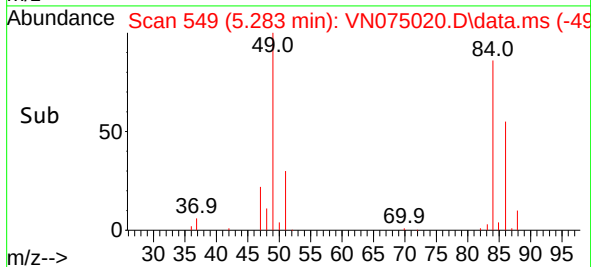
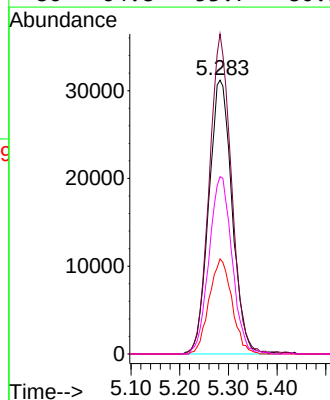
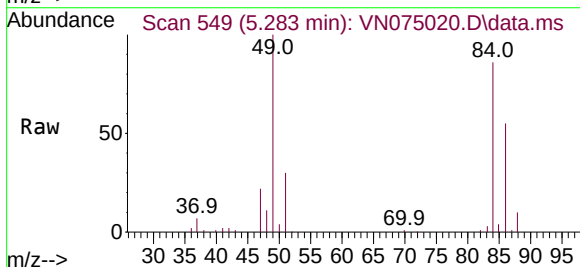
Manual Integrations
APPROVED

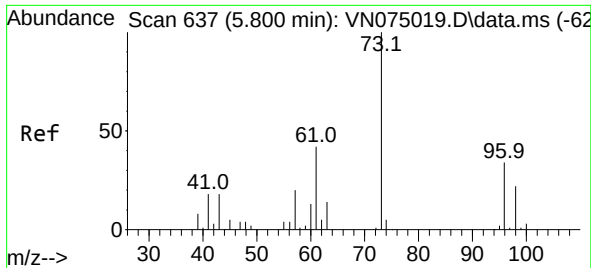
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#20
Methylene Chloride
Concen: 68.156 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

Tgt Ion: 84 Resp: 103798
Ion Ratio Lower Upper
84 100
49 116.9 94.9 142.3
51 34.7 26.8 40.2
86 64.8 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 72.251 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

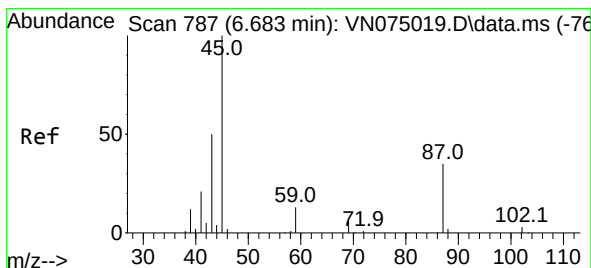
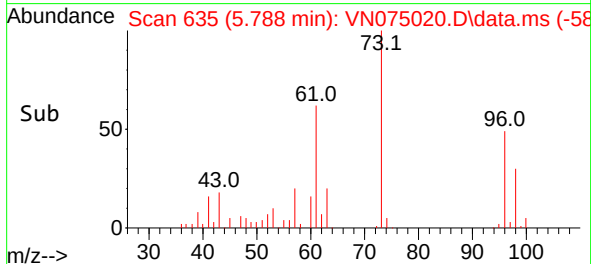
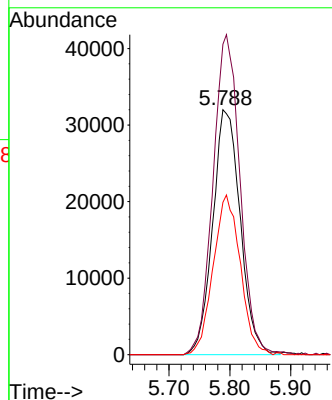
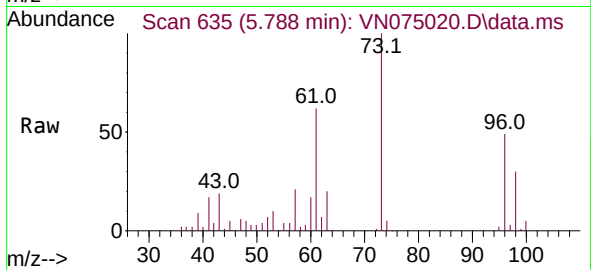
VSTDIC075

Tgt Ion: 96 Resp: 100390
Ion Ratio Lower Upper
96 100
61 126.7 99.9 149.9
98 62.2 51.5 77.3

Manual Integrations

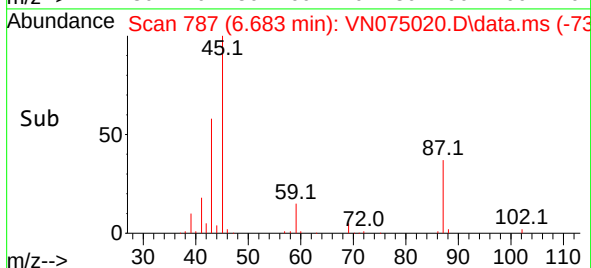
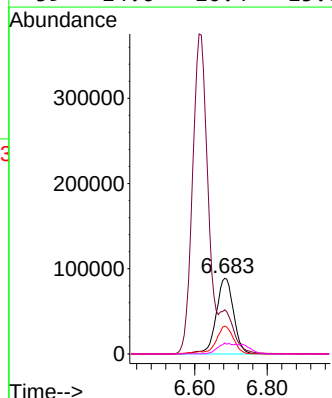
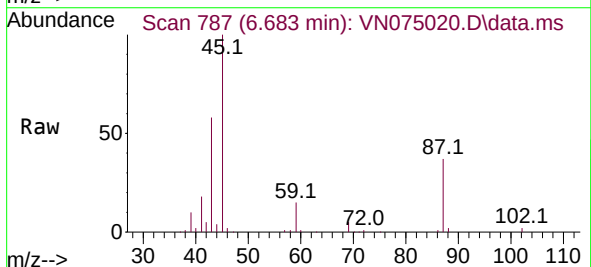
APPROVED

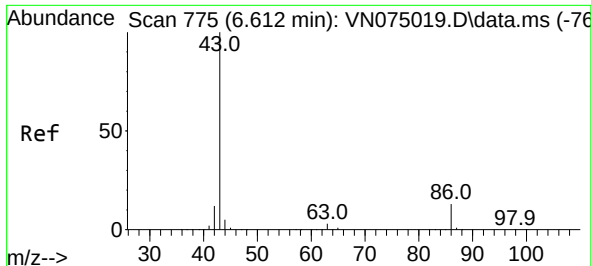
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#22
Diisopropyl ether
Concen: 72.527 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

Tgt Ion: 45 Resp: 296668
Ion Ratio Lower Upper
45 100
43 57.6 42.8 64.2
87 36.8 28.4 42.6
59 14.6 10.4 15.6





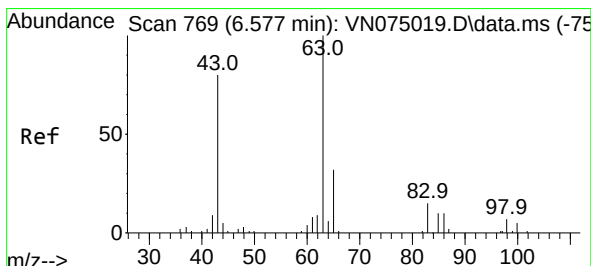
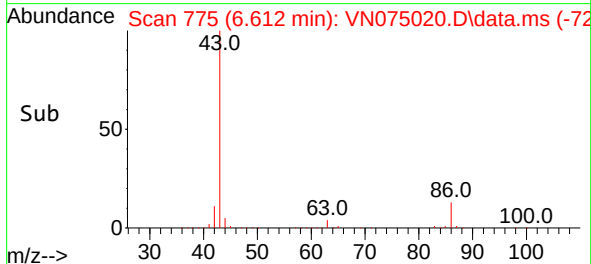
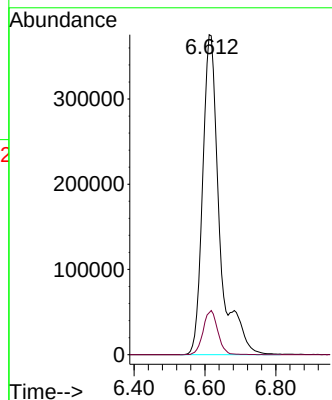
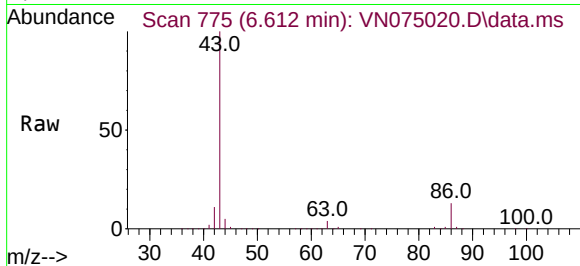
#23
 Vinyl Acetate
 Concen: 390.681 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075020.D
 Acq: 26 Oct 2022 12:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

Tgt Ion: 43 Resp: 1241314
 Ion Ratio Lower Upper
 43 100
 86 13.1 10.7 16.1

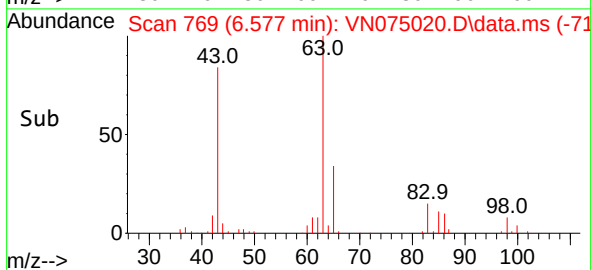
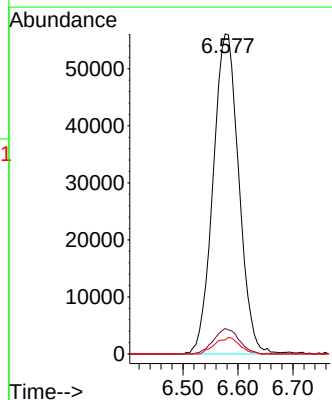
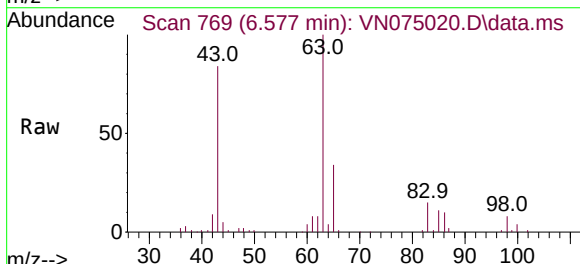
Manual Integrations
 APPROVED

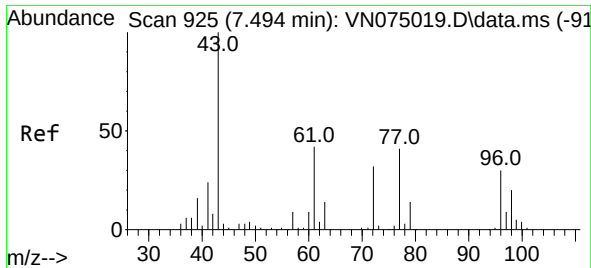
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#24
 1,1-Dichloroethane
 Concen: 70.441 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075020.D
 Acq: 26 Oct 2022 12:37

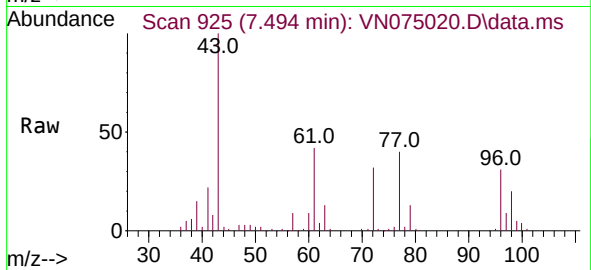
Tgt Ion: 63 Resp: 182233
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.6 10.8
 100 4.3 2.4 7.2





#25
2-Butanone
Concen: 352.822 ug/l
RT: 7.494 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

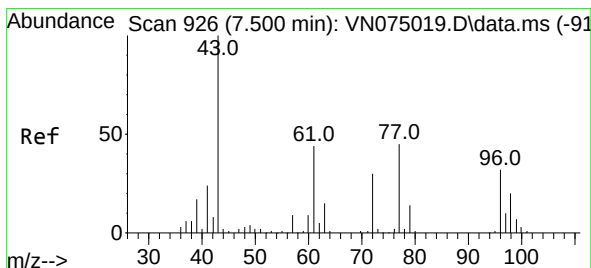
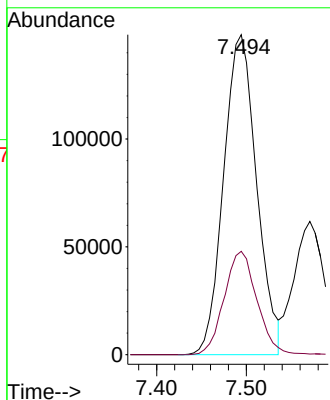
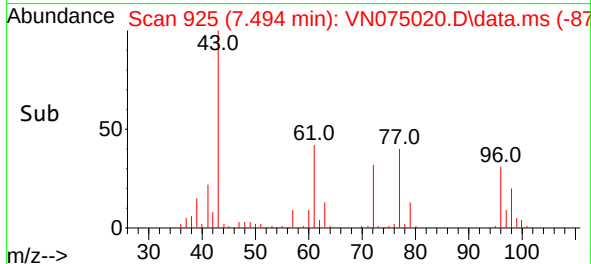
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



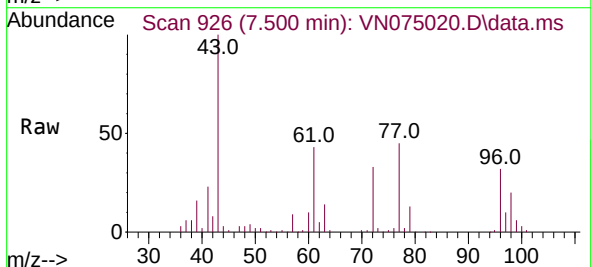
Tgt Ion: 43 Resp: 37905
Ion Ratio Lower Upper
43 100
72 32.3 25.5 38.3

Manual Integrations
APPROVED

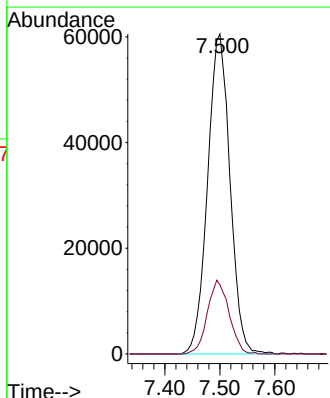
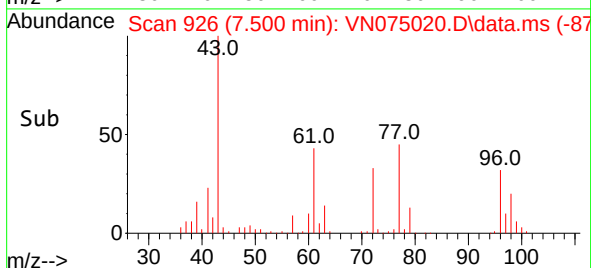
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

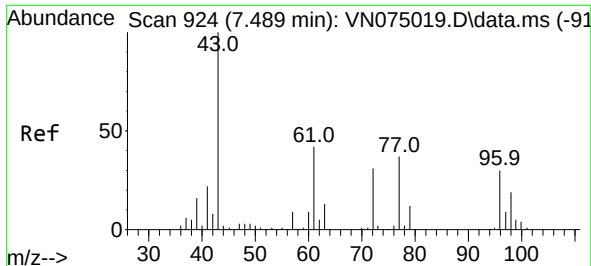


#26
2,2-Dichloropropane
Concen: 71.959 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37



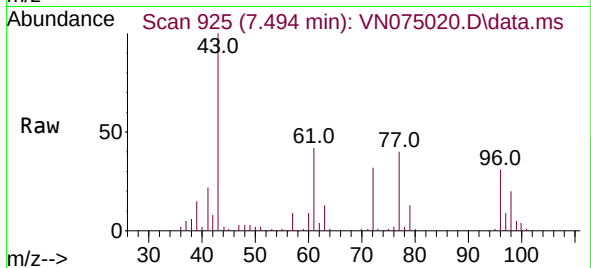
Tgt Ion: 77 Resp: 171258
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 72.219 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN075020.D
 Acq: 26 Oct 2022 12:37

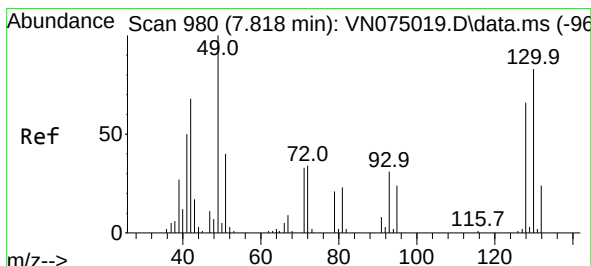
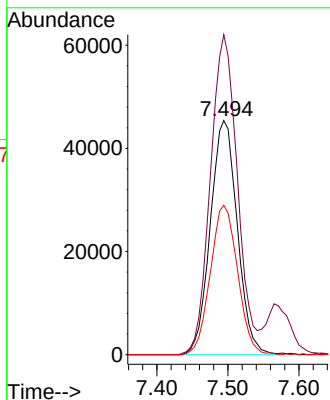
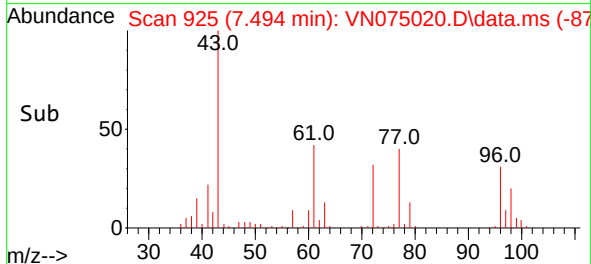
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075



Tgt Ion: 96 Resp: 11984
 Ion Ratio Lower Upper
 96 100
 61 136.2 0.0 278.8
 98 64.4 0.0 128.4

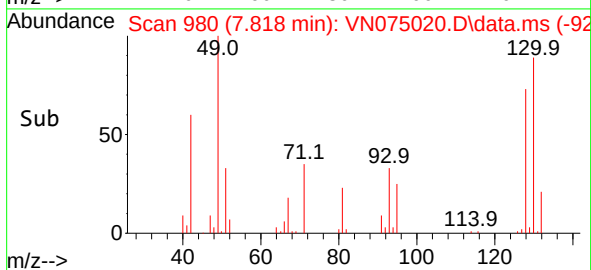
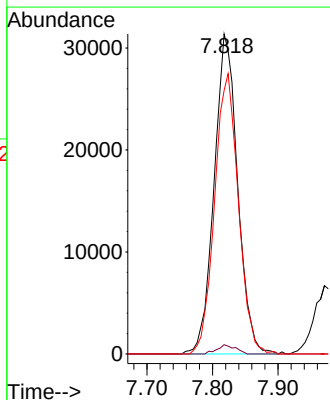
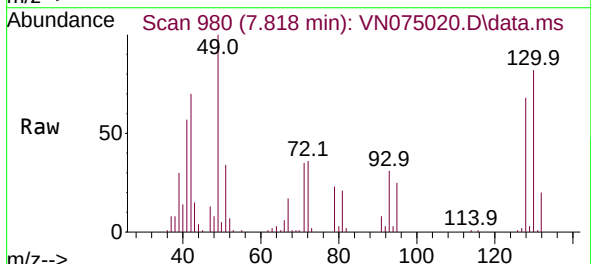
Manual Integrations
 APPROVED

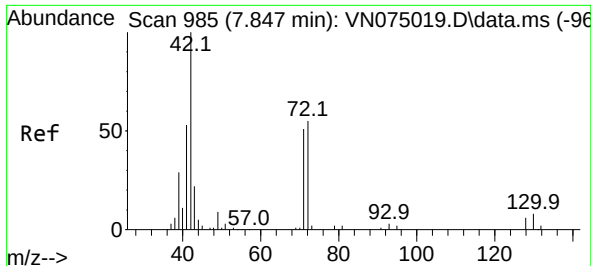
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#28
 Bromochloromethane
 Concen: 71.445 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075020.D
 Acq: 26 Oct 2022 12:37

Tgt Ion: 49 Resp: 77914
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 88.7 66.2 99.4





#29

Tetrahydrofuran

Concen: 360.271 ug/l

RT: 7.841 min Scan# 985

Delta R.T. -0.006 min

Lab File: VN075020.D

Acq: 26 Oct 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 42 Resp: 250115

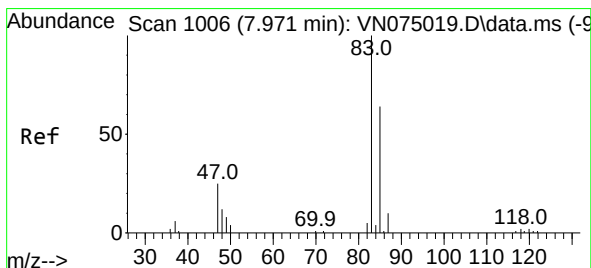
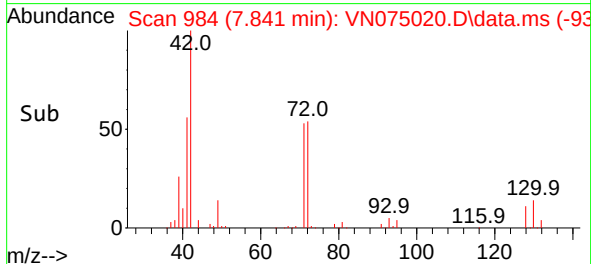
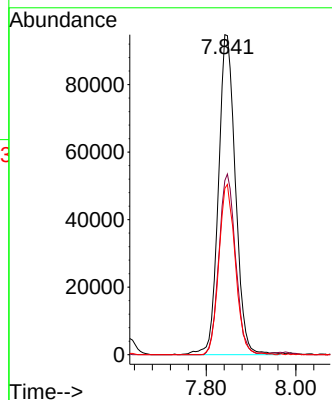
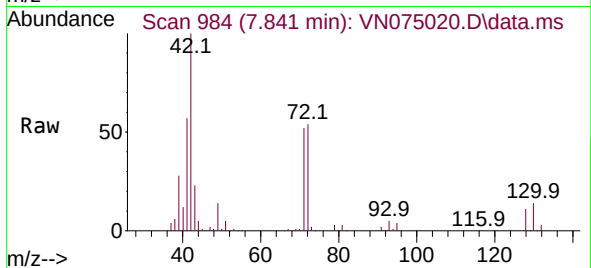
Ion	Ratio	Lower	Upper
42	100		
72	55.2	43.0	64.6
71	51.6	39.9	59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#30

Chloroform

Concen: 73.377 ug/l

RT: 7.971 min Scan# 1006

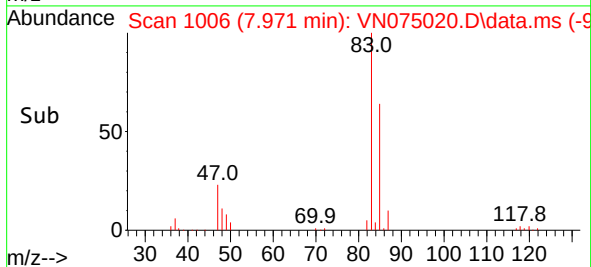
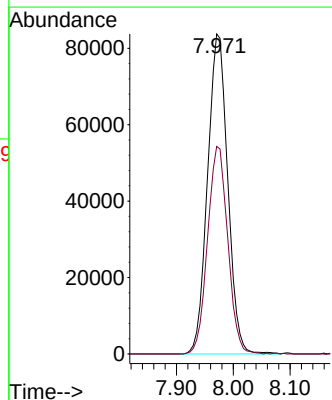
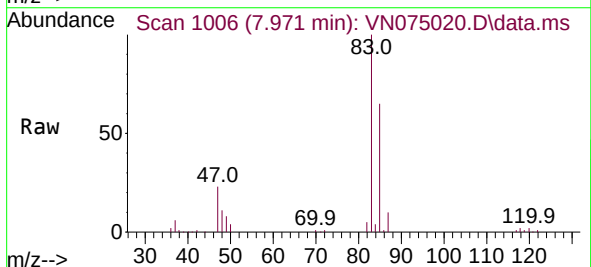
Delta R.T. -0.000 min

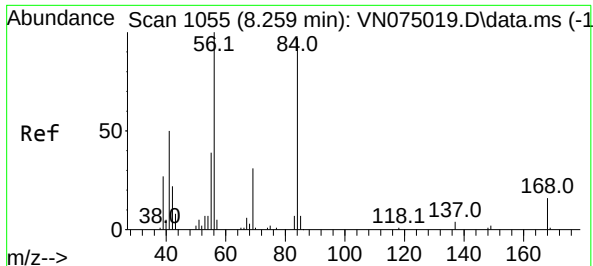
Lab File: VN075020.D

Acq: 26 Oct 2022 12:37

Tgt Ion: 83 Resp: 206103

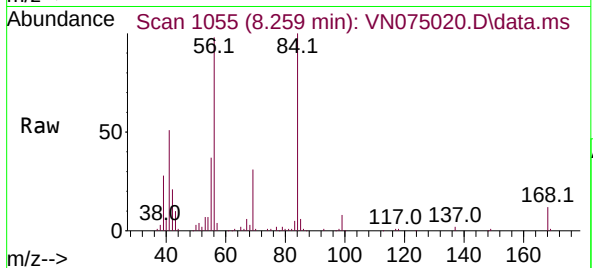
Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.4	77.0





#31
Cyclohexane
Concen: 66.713 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

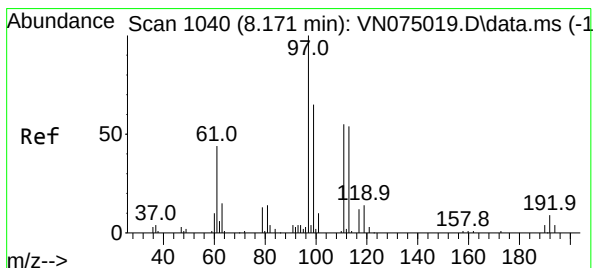
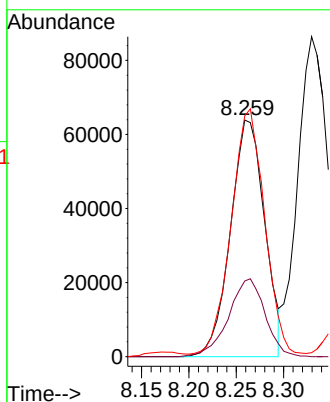
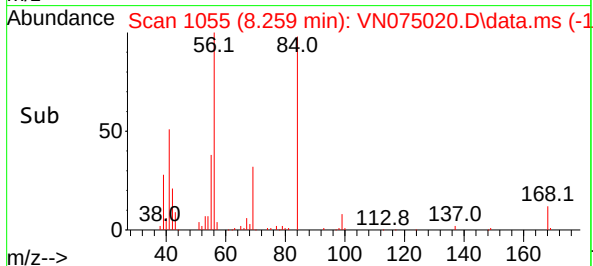
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



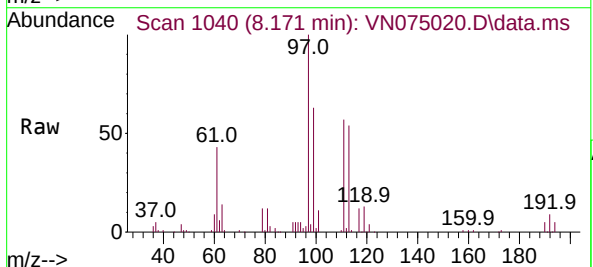
Tgt Ion: 56 Resp: 160058
Ion Ratio Lower Upper
56 100
69 32.0 25.2 37.8
84 100.4 77.8 116.8

Manual Integrations
APPROVED

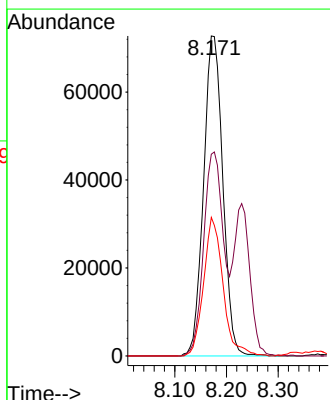
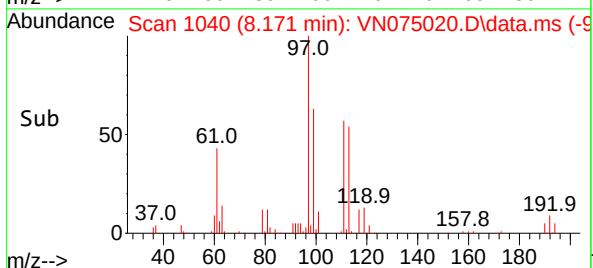
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

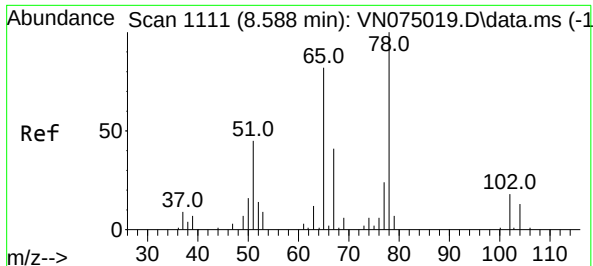


#32
1,1,1-Trichloroethane
Concen: 73.862 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37



Tgt Ion: 97 Resp: 188401
Ion Ratio Lower Upper
97 100
99 66.0 50.2 75.2
61 43.7 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 72.409 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075020.D

Acq: 26 Oct 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 65 Resp: 11680

Ion Ratio Lower Upper

65 100

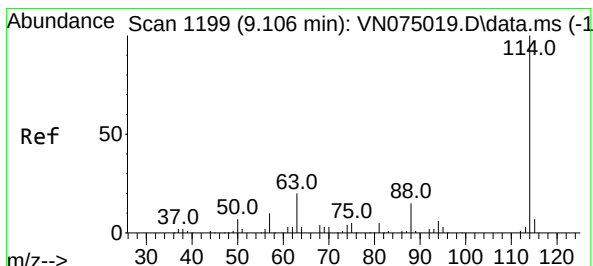
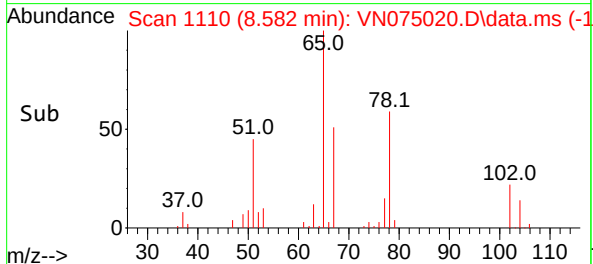
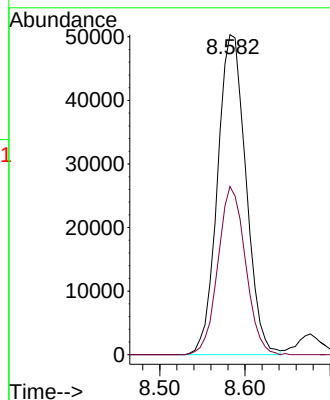
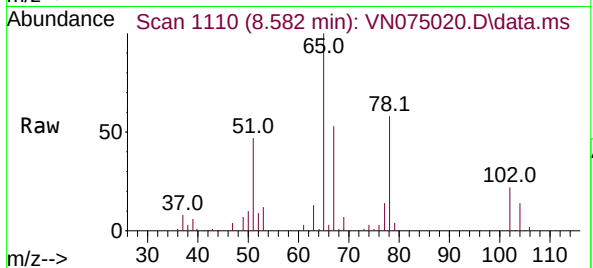
67 50.8 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075020.D

Acq: 26 Oct 2022 12:37

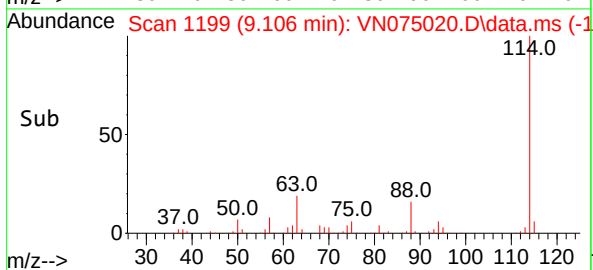
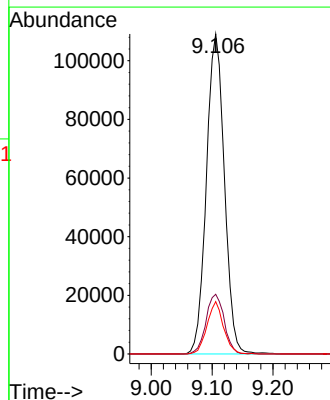
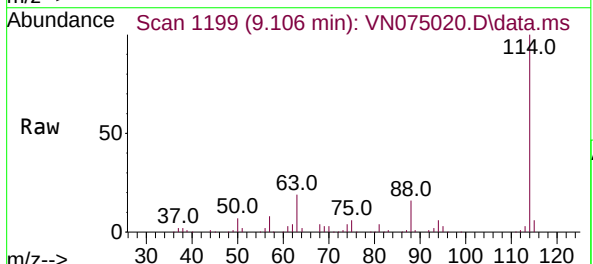
Tgt Ion:114 Resp: 223950

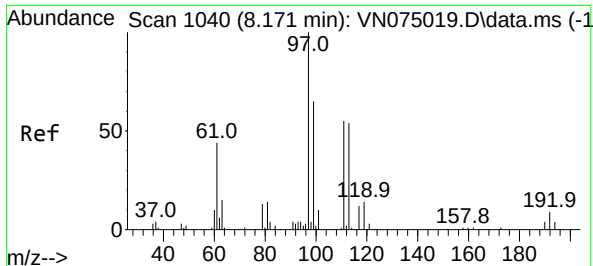
Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.6

88 16.4 0.0 29.0





#35

Dibromofluoromethane

Concen: 73.201 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075020.D

Acq: 26 Oct 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

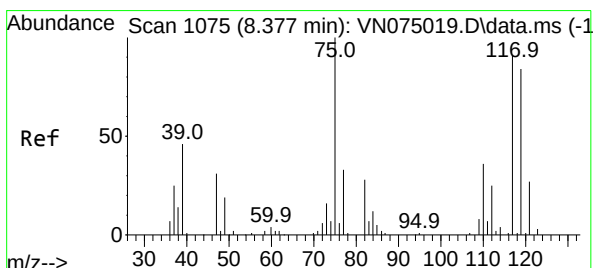
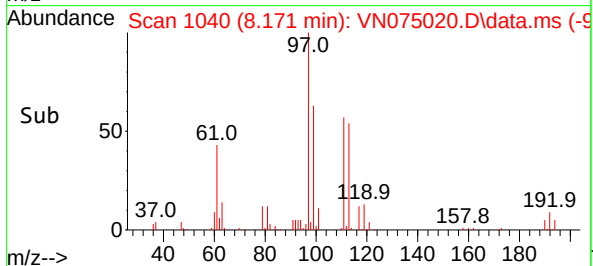
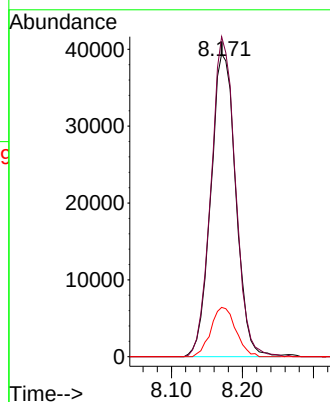
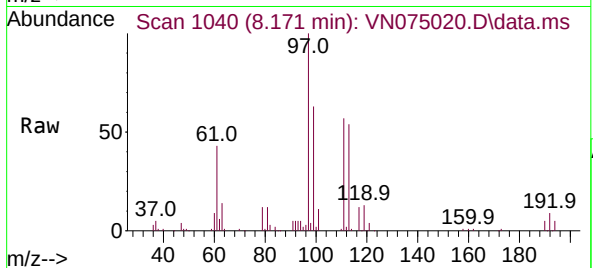
Tgt Ion:	113	Resp:	9623
Ion Ratio	Lower	Upper	
113	100		
111	103.1	80.5	120.7
192	16.2	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#36

1,1-Dichloropropene

Concen: 73.251 ug/l

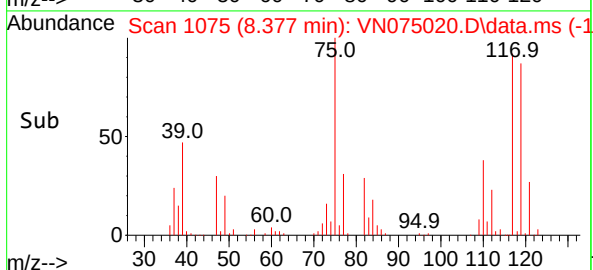
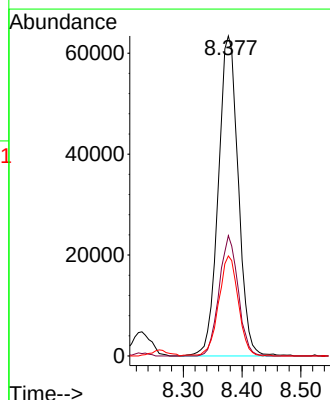
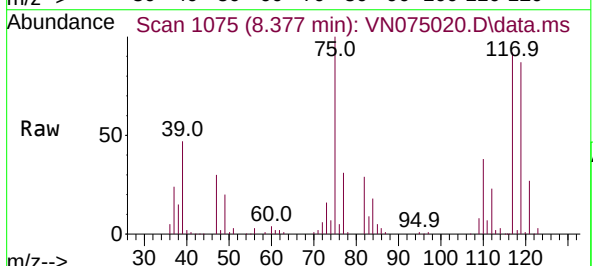
RT: 8.377 min Scan# 1075

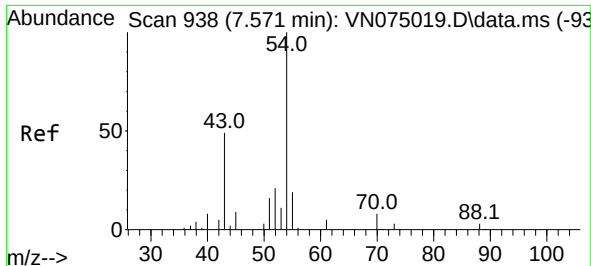
Delta R.T. -0.000 min

Lab File: VN075020.D

Acq: 26 Oct 2022 12:37

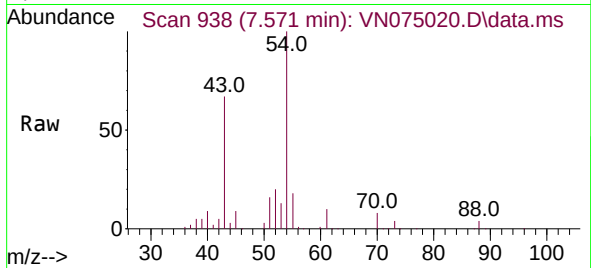
Tgt Ion:	75	Resp:	149094
Ion Ratio	Lower	Upper	
75	100		
110	35.9	17.8	53.3
77	30.7	24.6	37.0





#37
Ethyl Acetate
Concen: 69.141 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

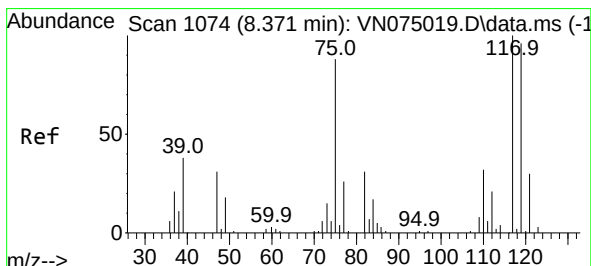
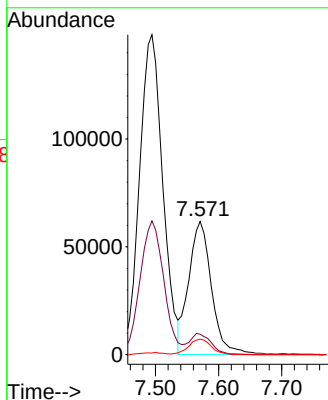
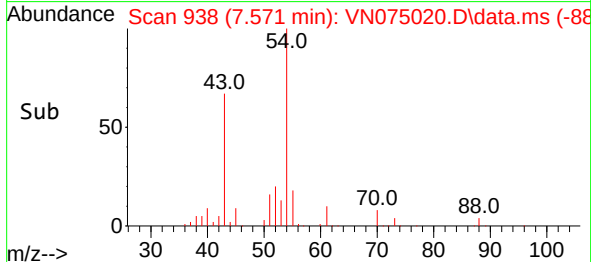
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



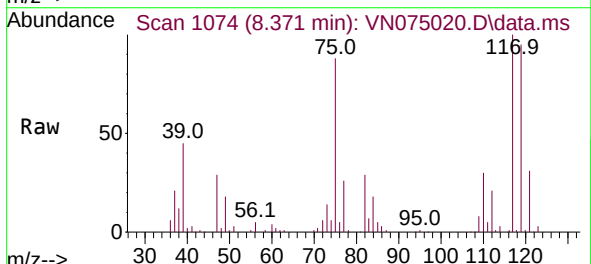
Tgt Ion: 43 Resp: 154334
Ion Ratio Lower Upper
43 100
61 15.7 12.2 18.4
70 11.6 9.4 14.2

Manual Integrations
APPROVED

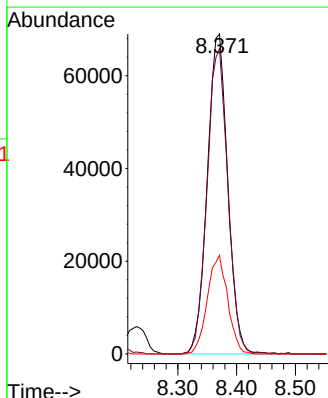
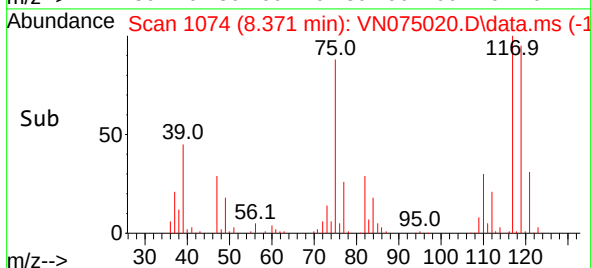
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

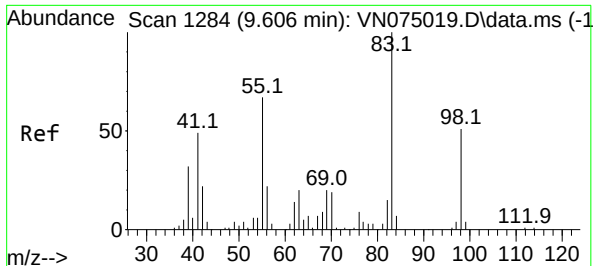


#38
Carbon Tetrachloride
Concen: 74.731 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37



Tgt Ion:117 Resp: 167319
Ion Ratio Lower Upper
117 100
119 95.4 76.7 115.1
121 30.8 23.9 35.9





#39

Methylcyclohexane

Concen: 74.843 ug/l

RT: 9.606 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075020.D

Acq: 26 Oct 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 83 Resp: 201108

Ion Ratio Lower Upper

83 100

55 63.8 53.6 80.4

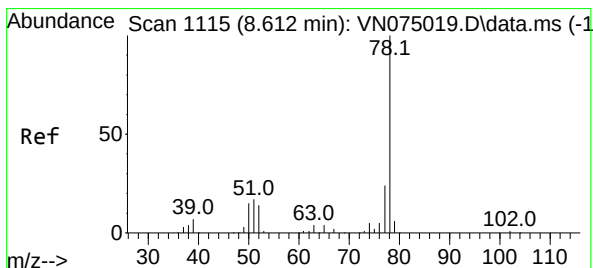
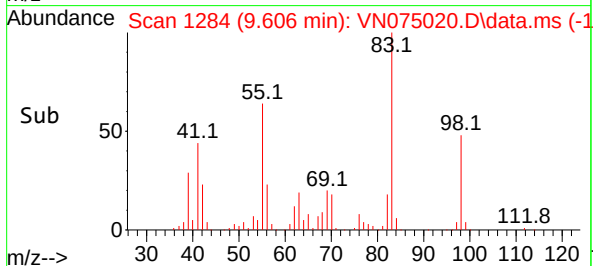
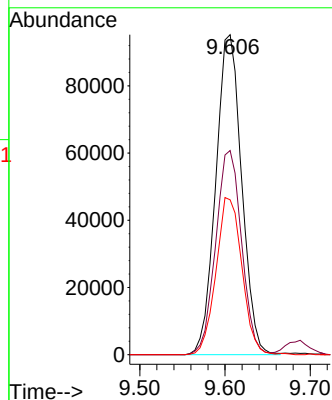
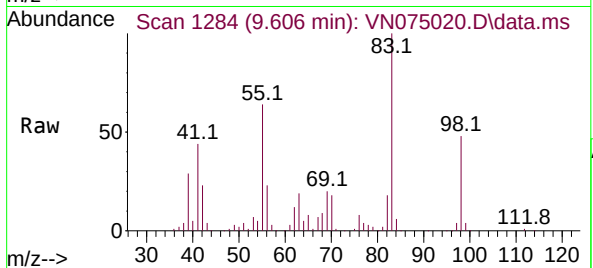
98 48.4 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#40

Benzene

Concen: 72.735 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075020.D

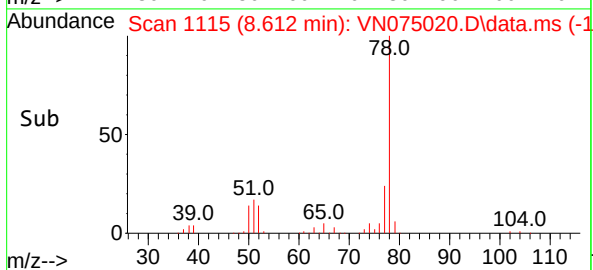
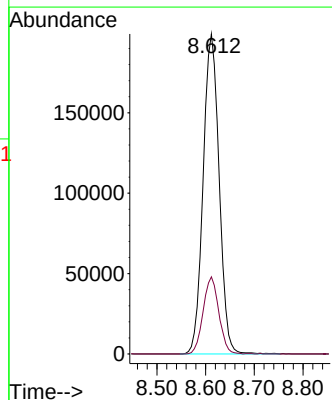
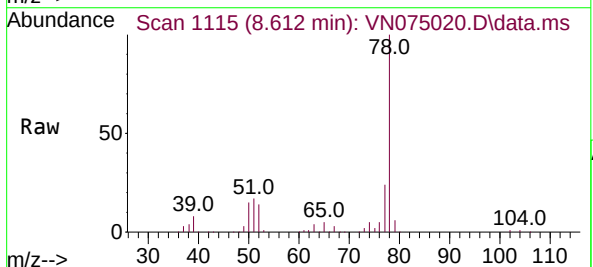
Acq: 26 Oct 2022 12:37

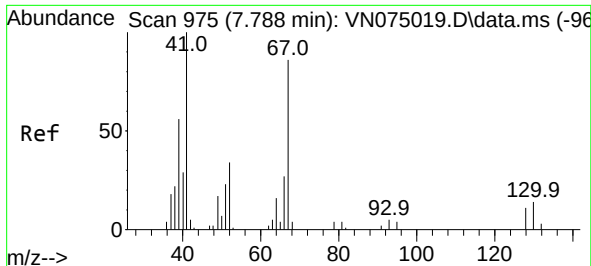
Tgt Ion: 78 Resp: 453289

Ion Ratio Lower Upper

78 100

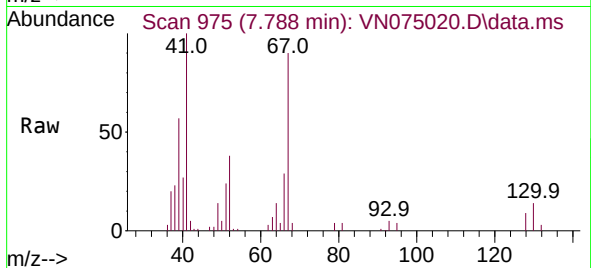
77 24.1 19.4 29.0





#41
Methacrylonitrile
Concen: 71.536 ug/l
RT: 7.788 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

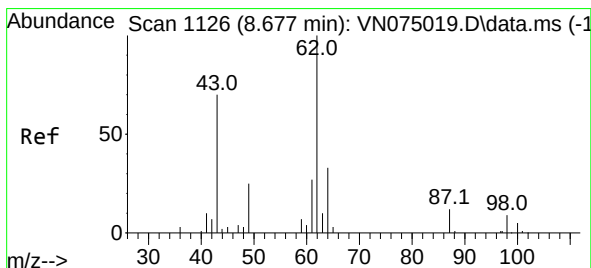
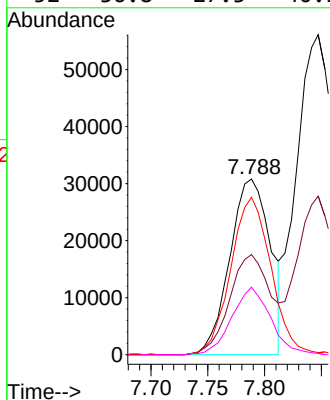
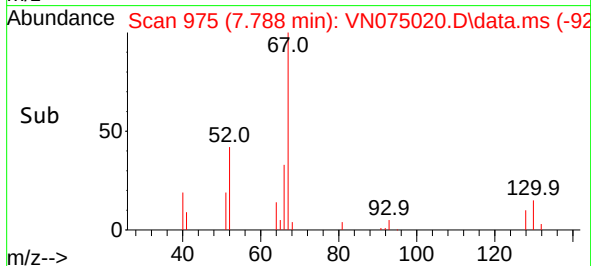
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 41	Resp: 7650
Ion Ratio	Lower Upper
41 100	
39 56.8	44.4 66.6
67 89.2	69.8 104.6
52 36.8	27.3 40.9

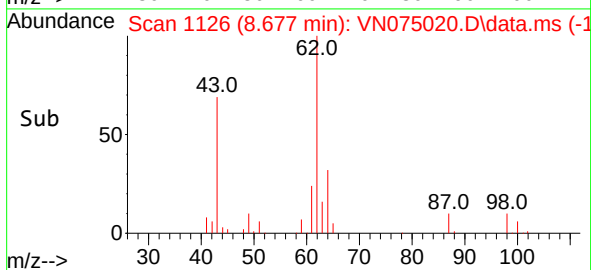
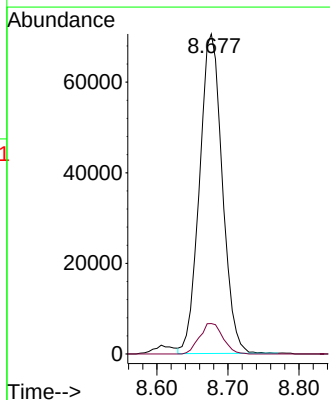
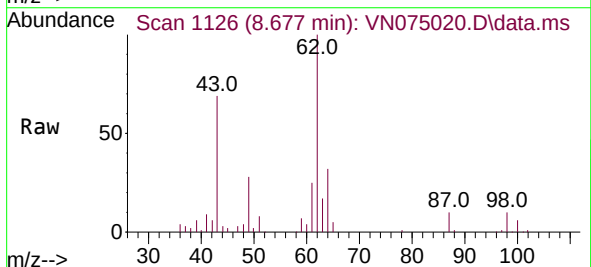
Manual Integrations
APPROVED

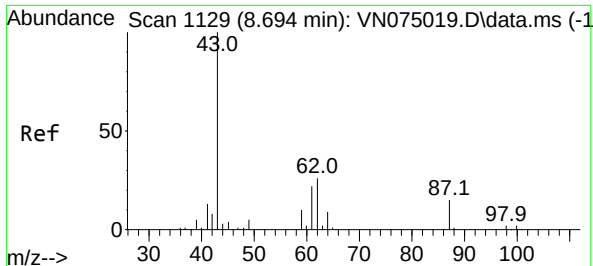
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#42
1,2-Dichloroethane
Concen: 69.456 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

Tgt Ion: 62	Resp: 157480
Ion Ratio	Lower Upper
62 100	
98 9.8	0.0 18.2





#43
Isopropyl Acetate
Concen: 71.623 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

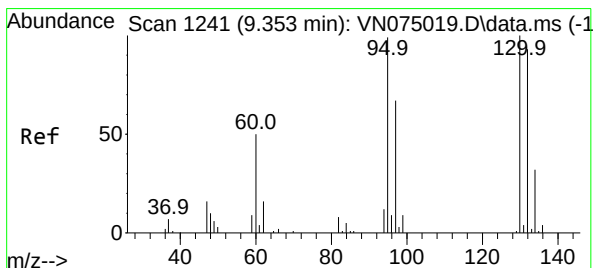
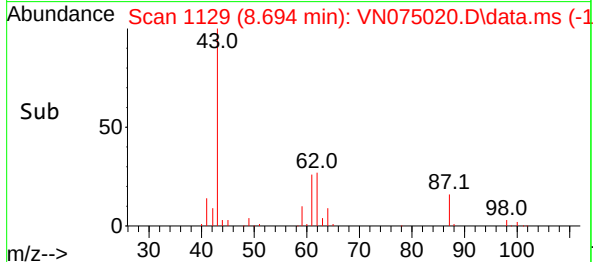
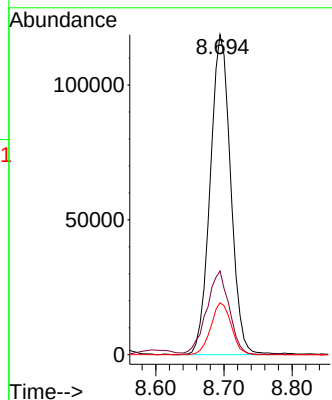
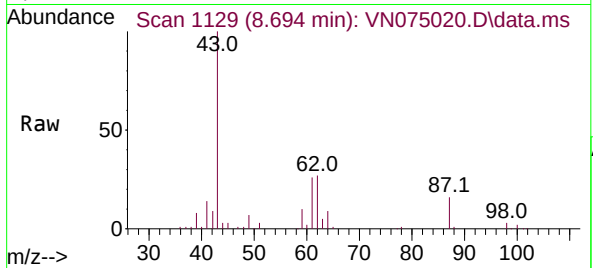
VSTDIC075

Tgt Ion: 43 Resp: 247986
Ion Ratio Lower Upper
43 100
61 29.1 22.4 33.6
87 16.1 12.5 18.7

Manual Integrations

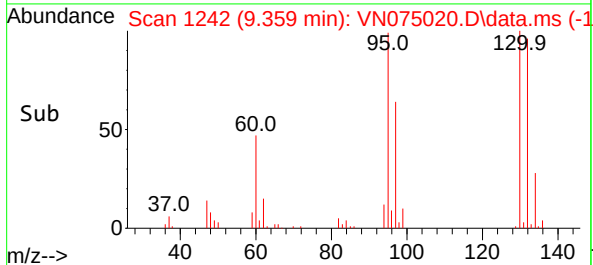
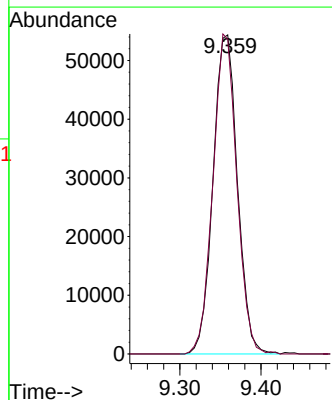
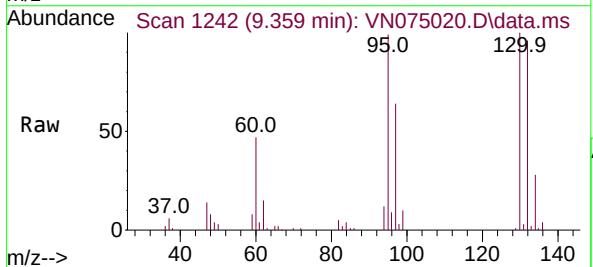
APPROVED

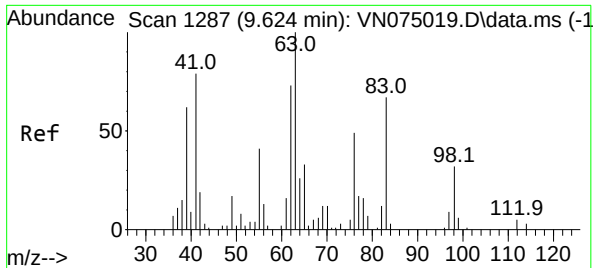
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#44
Trichloroethene
Concen: 72.605 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

Tgt Ion:130 Resp: 113521
Ion Ratio Lower Upper
130 100
95 98.7 0.0 198.4





#45

1,2-Dichloropropane

Concen: 72.603 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075020.D

Acq: 26 Oct 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 63 Resp: 107678

Ion Ratio Lower Upper

63 100

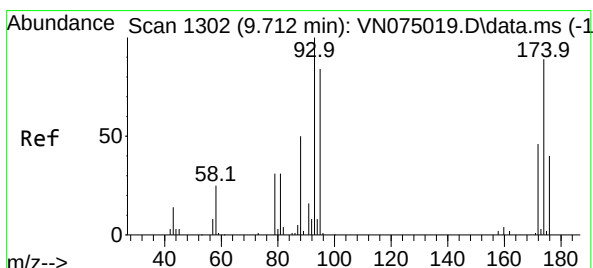
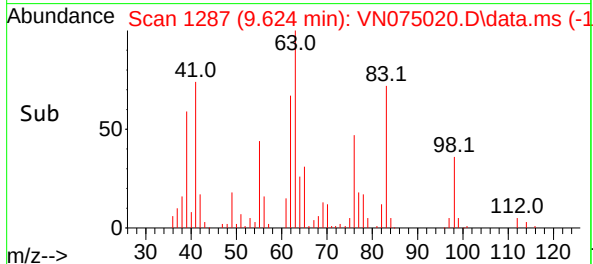
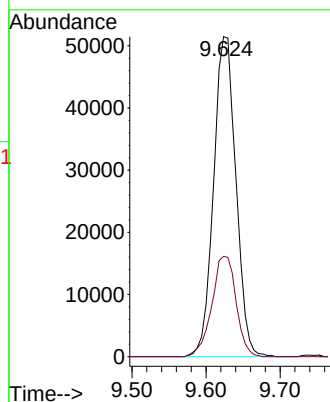
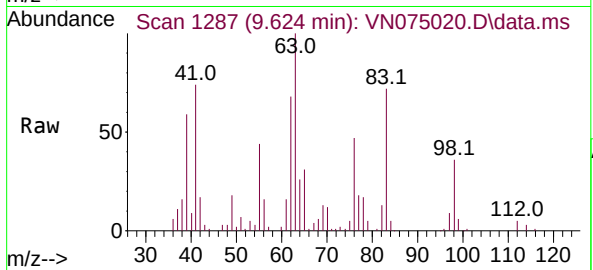
65 31.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#46

Dibromomethane

Concen: 71.978 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075020.D

Acq: 26 Oct 2022 12:37

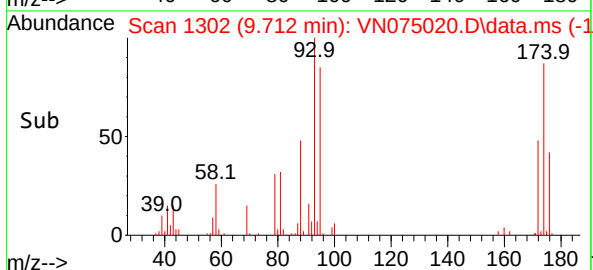
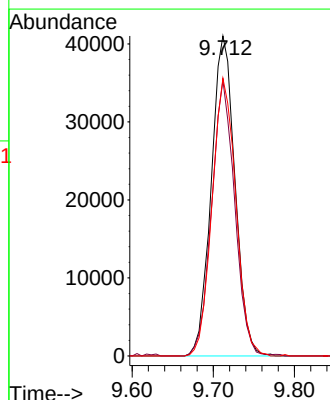
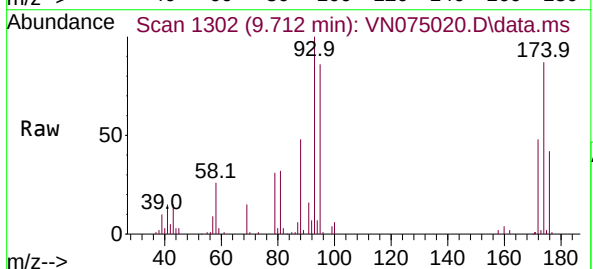
Tgt Ion: 93 Resp: 83169

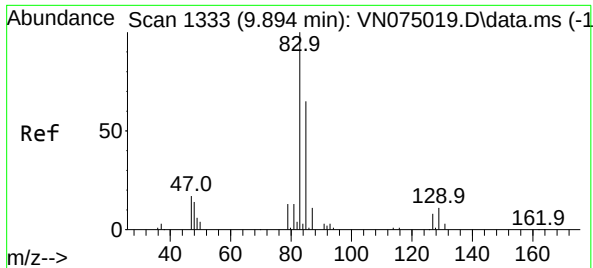
Ion Ratio Lower Upper

93 100

95 83.9 66.6 99.8

174 87.1 70.3 105.5





#47

Bromodichloromethane

Concen: 72.620 ug/l

RT: 9.888 min Scan# 1332

Delta R.T. -0.006 min

Lab File: VN075020.D

Acq: 26 Oct 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 83 Resp: 16249

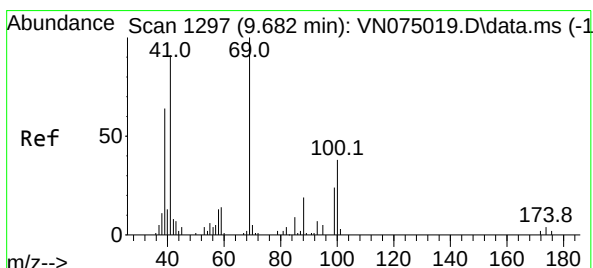
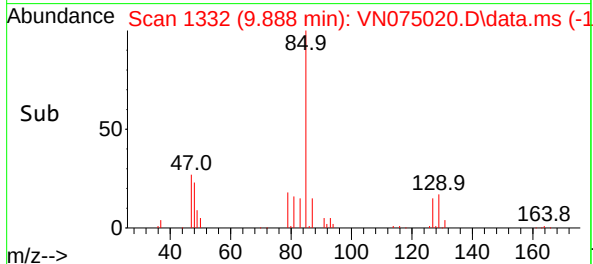
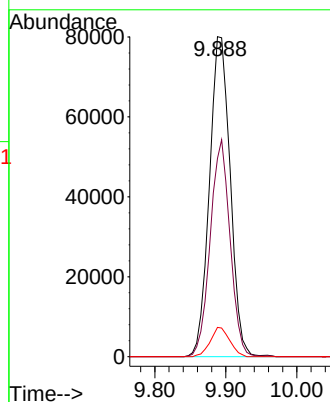
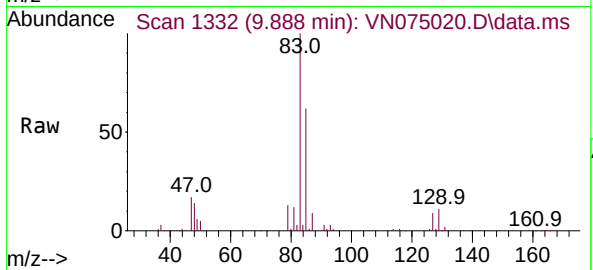
Ion	Ratio	Lower	Upper
83	100		
85	62.0	52.1	78.1
127	9.1	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#48

Methyl methacrylate

Concen: 69.831 ug/l

RT: 9.682 min Scan# 1297

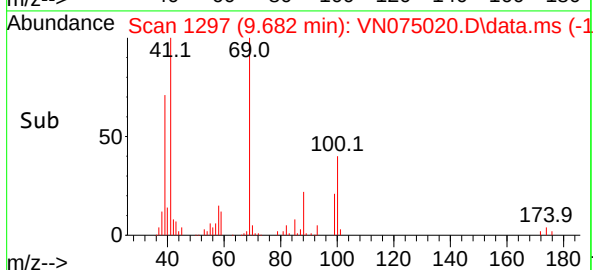
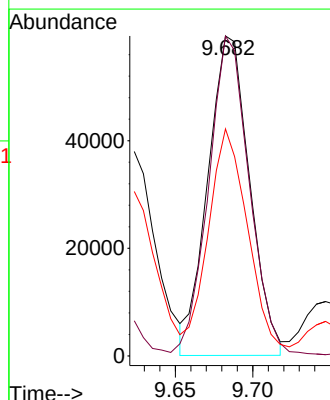
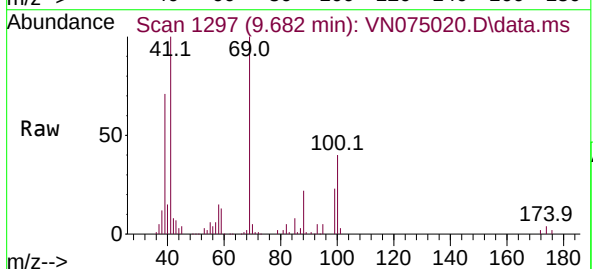
Delta R.T. -0.000 min

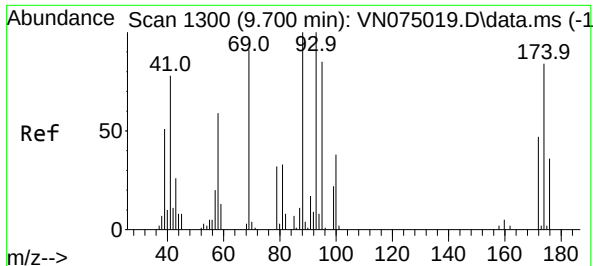
Lab File: VN075020.D

Acq: 26 Oct 2022 12:37

Tgt Ion: 41 Resp: 110909

Ion	Ratio	Lower	Upper
41	100		
69	98.6	80.2	120.2
39	68.6	56.2	84.2





#49

1,4-Dioxane

Concen: 1497.110 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075020.D

Acq: 26 Oct 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 88 Resp: 6226

Ion Ratio Lower Upper

88 100

43 24.6 17.5 26.3

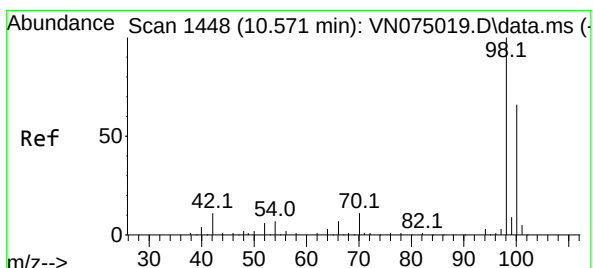
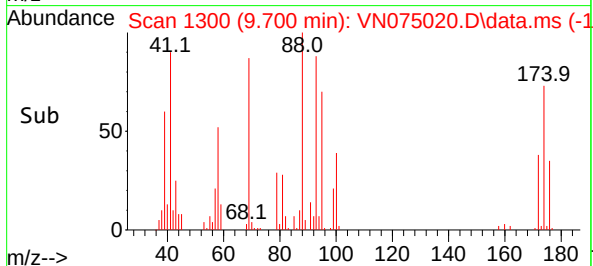
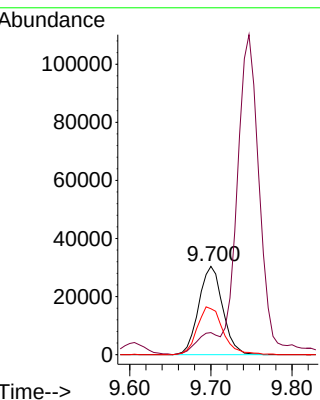
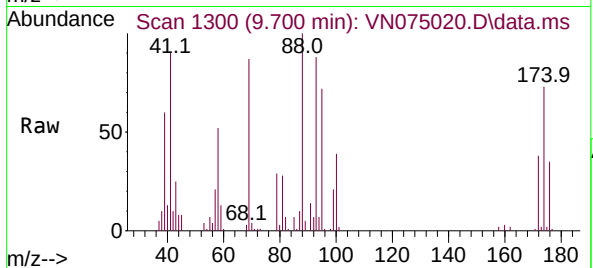
58 58.2 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#50

Toluene-d8

Concen: 76.635 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075020.D

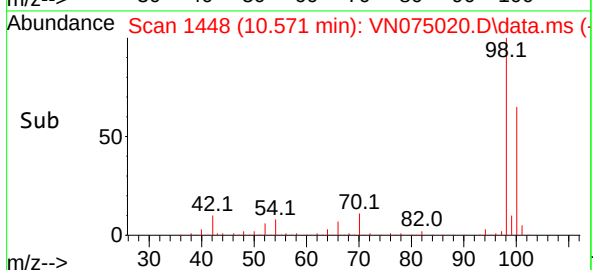
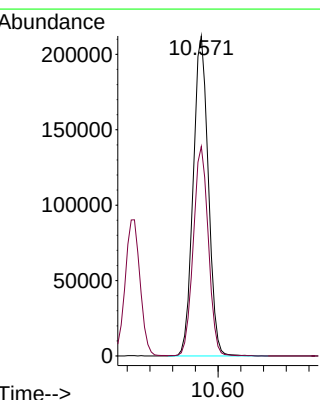
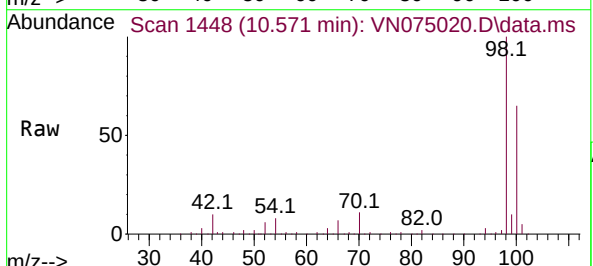
Acq: 26 Oct 2022 12:37

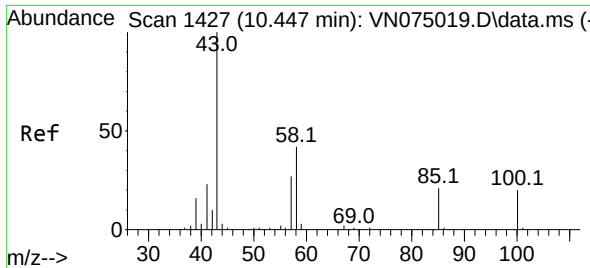
Tgt Ion: 98 Resp: 390893

Ion Ratio Lower Upper

98 100

100 65.1 53.0 79.6





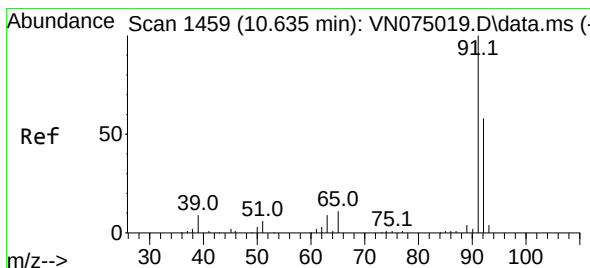
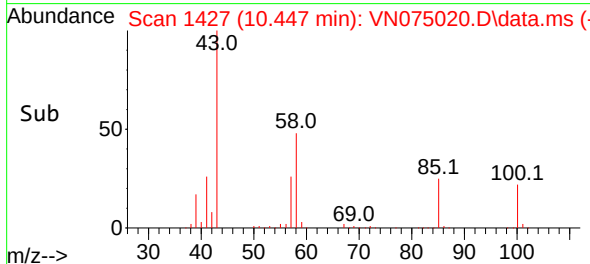
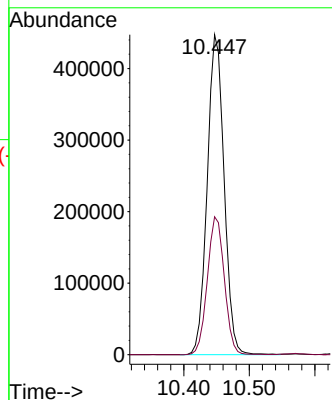
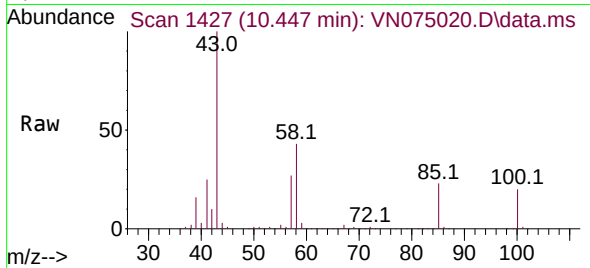
#51
4-Methyl-2-Pentanone
Concen: 358.731 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 43 Resp: 801510
Ion Ratio Lower Upper
43 100
58 43.4 33.6 50.4

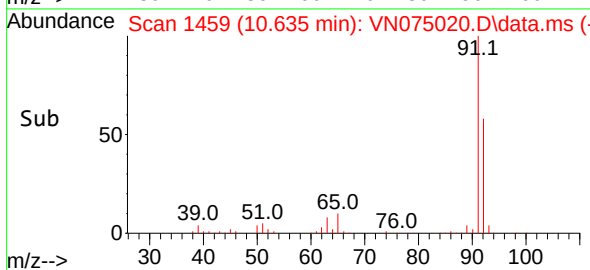
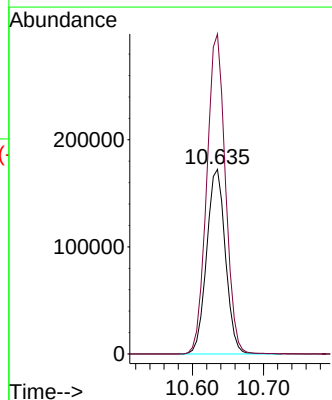
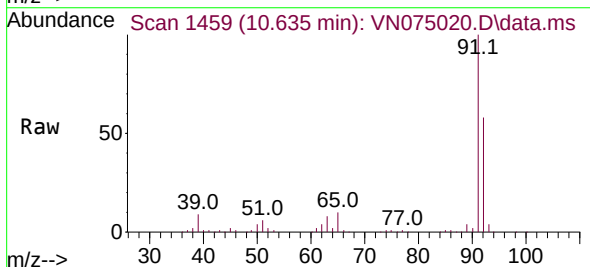
Manual Integrations
APPROVED

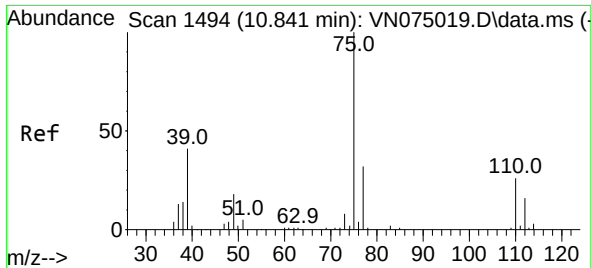
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#52
Toluene
Concen: 75.952 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

Tgt Ion: 92 Resp: 316409
Ion Ratio Lower Upper
92 100
91 172.4 135.4 203.2





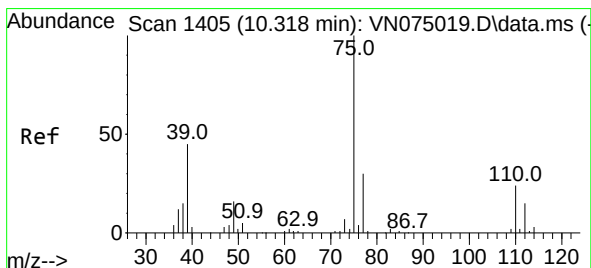
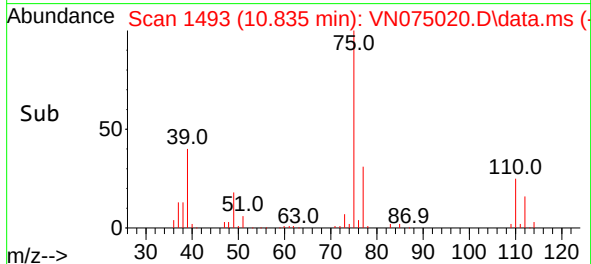
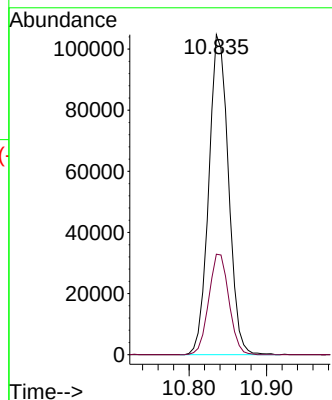
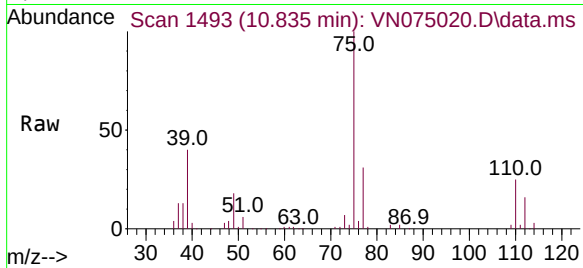
#53
t-1,3-Dichloropropene
Concen: 78.111 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 75 Resp: 18448
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2

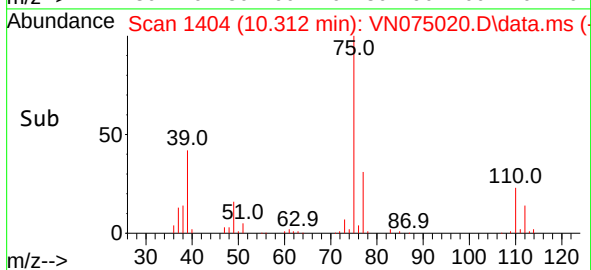
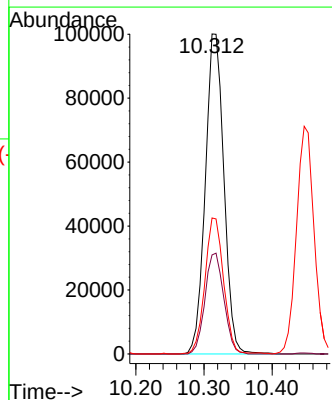
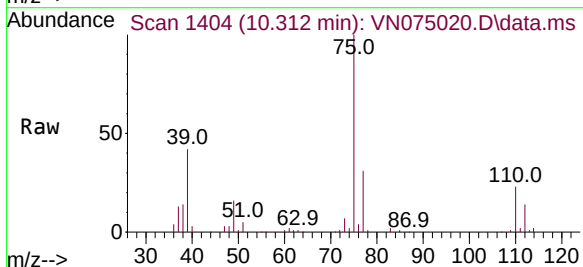
Manual Integrations
APPROVED

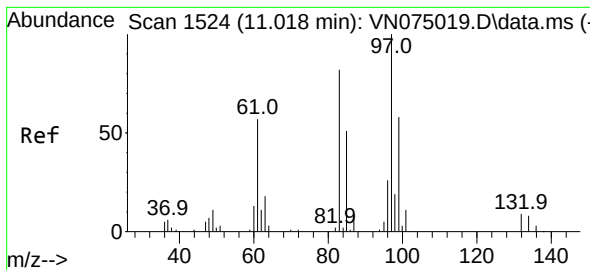
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#54
cis-1,3-Dichloropropene
Concen: 75.916 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.006 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

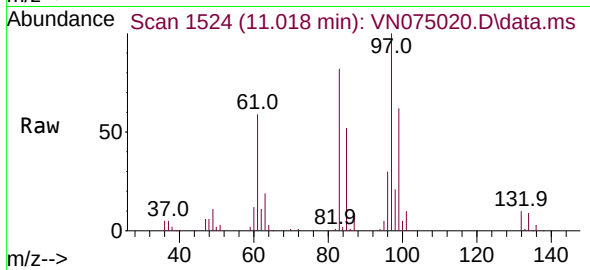
Tgt Ion: 75 Resp: 190171
Ion Ratio Lower Upper
75 100
77 30.9 23.7 35.5
39 42.5 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 73.742 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

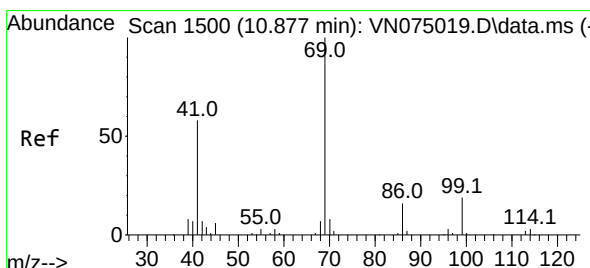
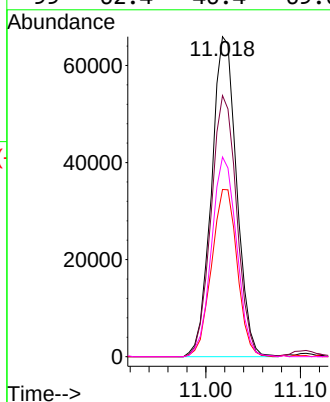
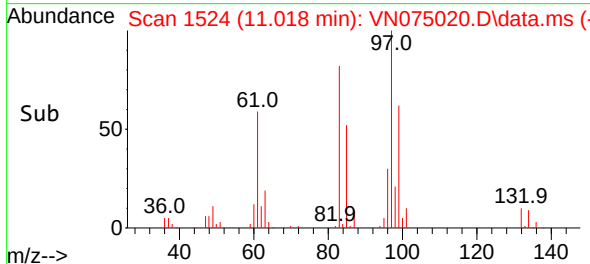
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



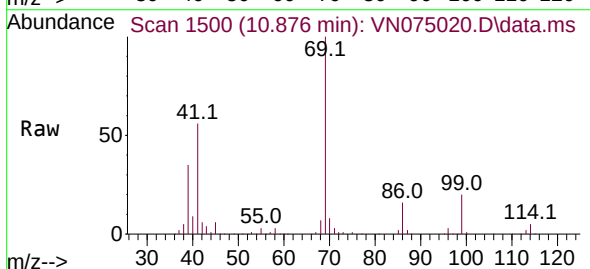
Tgt Ion:	97	Resp:	121810
Ion	Ratio	Lower	Upper
97	100		
83	81.6	65.9	98.9
85	52.3	40.4	60.6
99	62.4	46.4	69.6

Manual Integrations
APPROVED

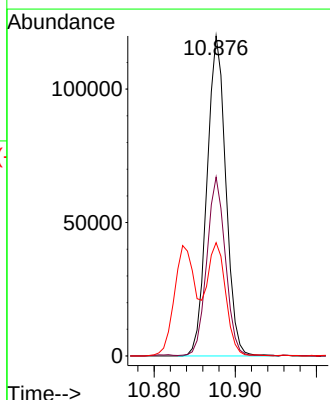
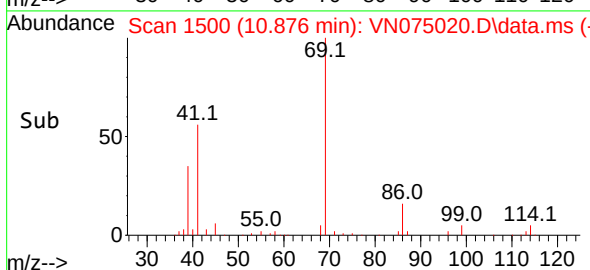
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

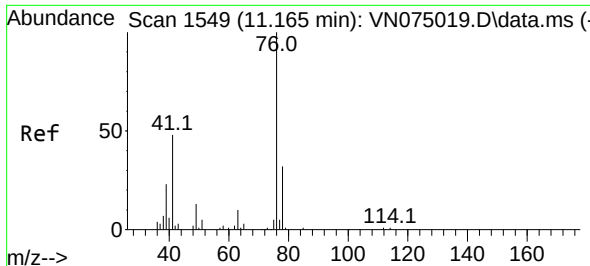


#56
Ethyl methacrylate
Concen: 76.565 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37



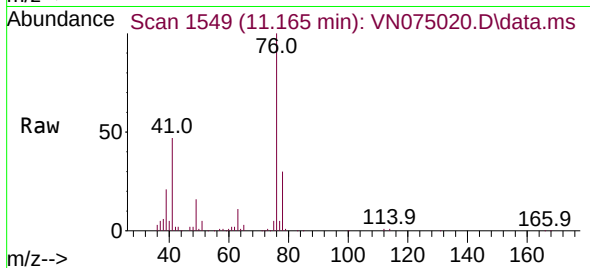
Tgt Ion:	69	Resp:	192917
Ion	Ratio	Lower	Upper
69	100		
41	55.5	45.6	68.4
39	34.0	28.5	42.7





#57
1,3-Dichloropropane
Concen: 73.469 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

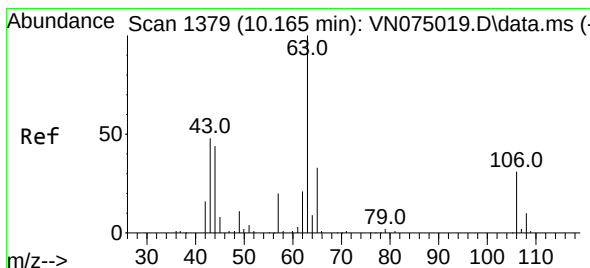
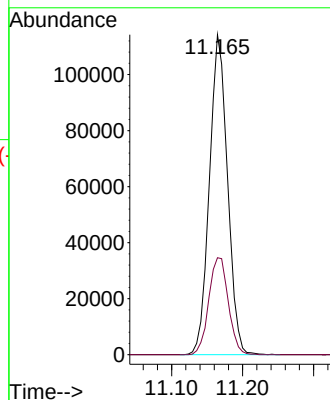
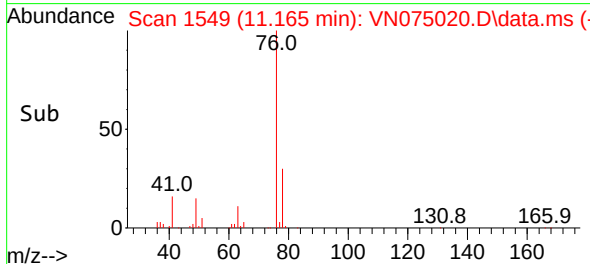
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 76 Resp: 20210
Ion Ratio Lower Upper
76 100
78 32.7 25.8 38.6

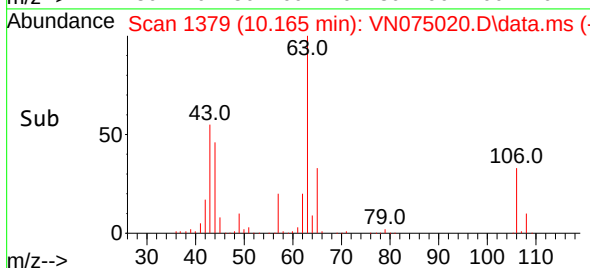
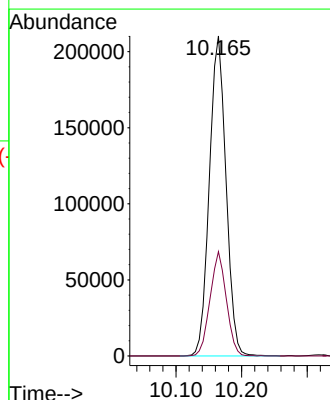
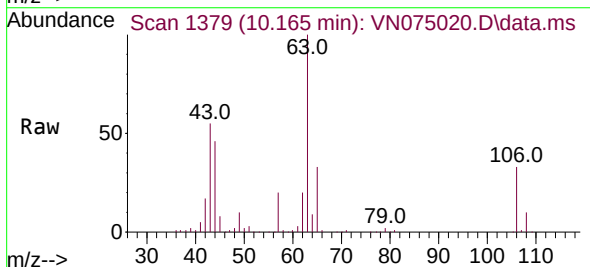
Manual Integrations
APPROVED

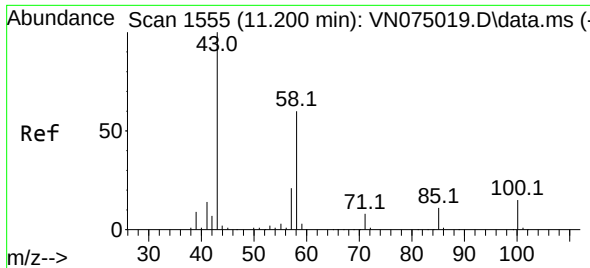
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#58
2-Chloroethyl Vinyl ether
Concen: 380.721 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

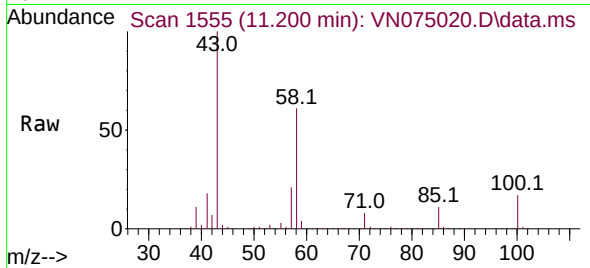
Tgt Ion: 63 Resp: 370858
Ion Ratio Lower Upper
63 100
106 31.8 24.8 37.2





#59
2-Hexanone
Concen: 363.237 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

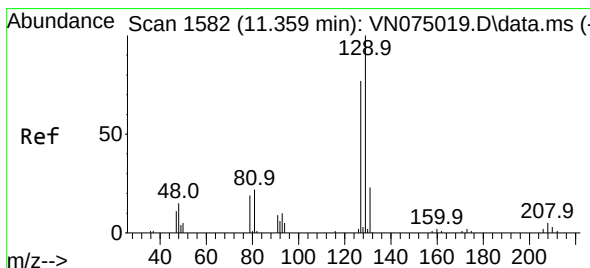
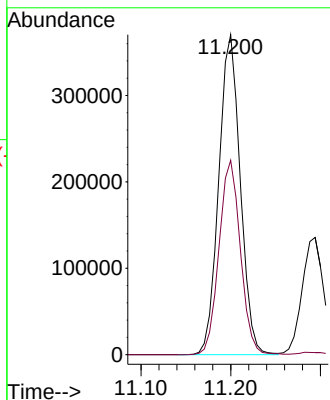
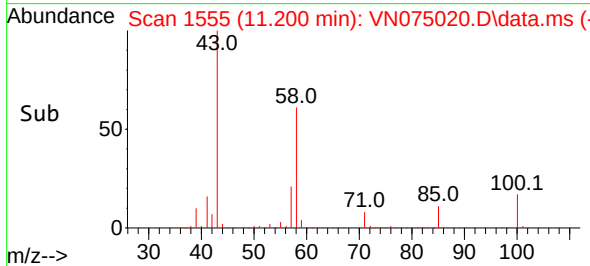
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion: 43 Resp: 615960
Ion Ratio Lower Upper
43 100
58 60.4 29.6 88.8

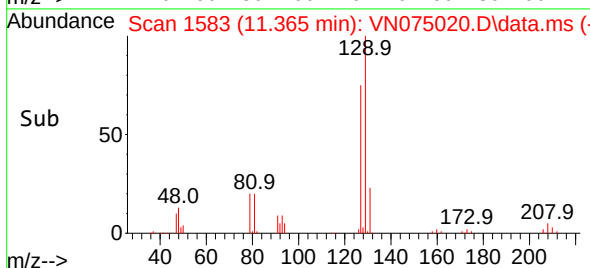
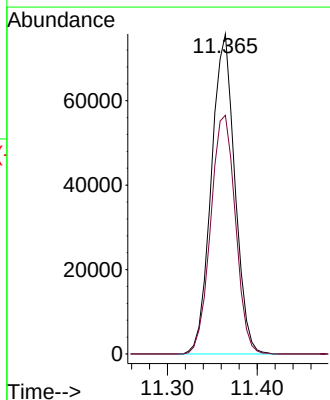
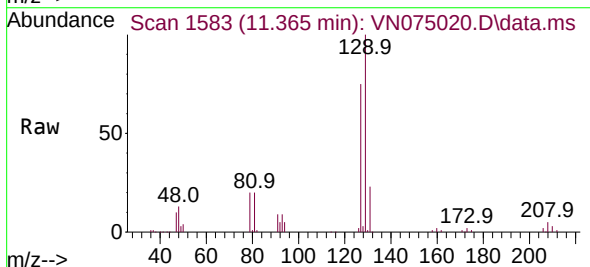
Manual Integrations
APPROVED

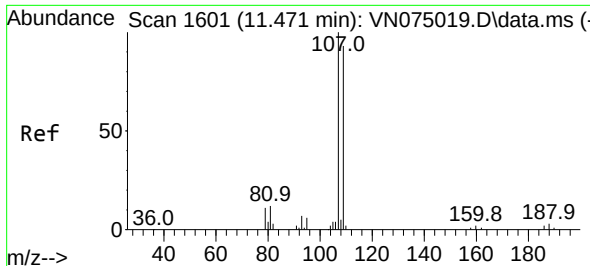
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#60
Dibromochloromethane
Concen: 79.058 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

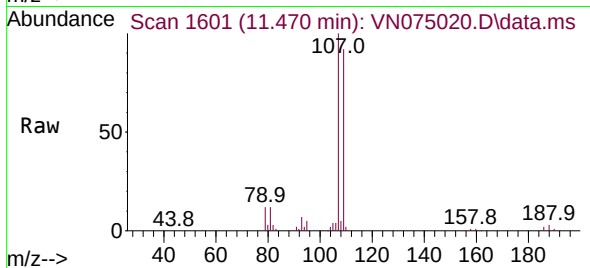
Tgt Ion:129 Resp: 137779
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.8





#61
1,2-Dibromoethane
Concen: 77.402 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

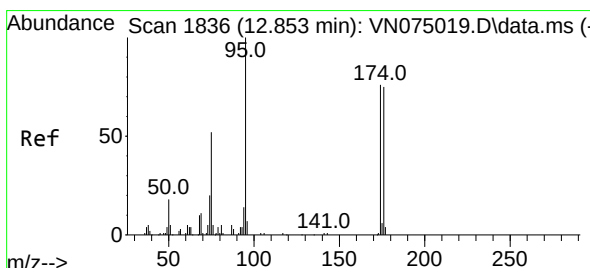
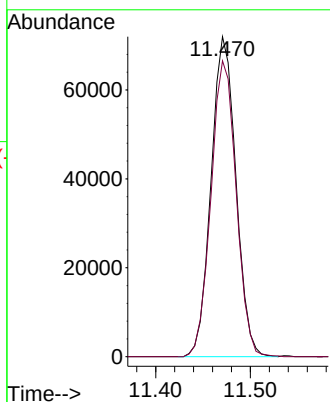
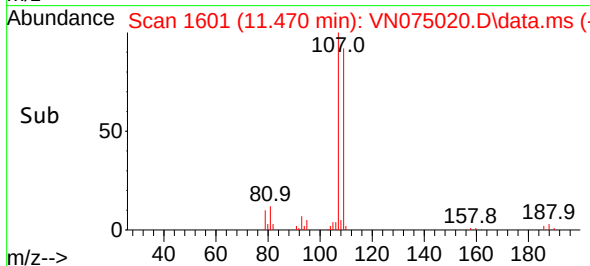
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion:107 Resp: 13102
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4

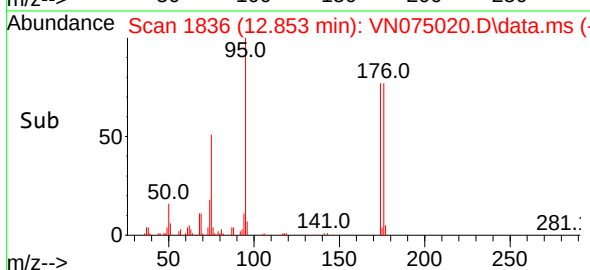
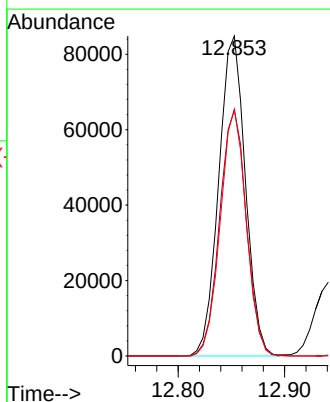
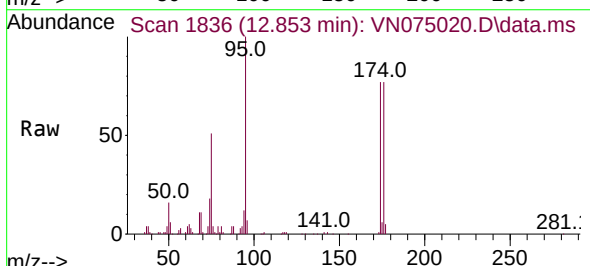
Manual Integrations
APPROVED

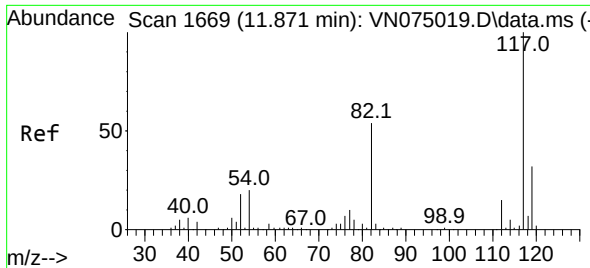
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#62
4-Bromofluorobenzene
Concen: 82.296 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

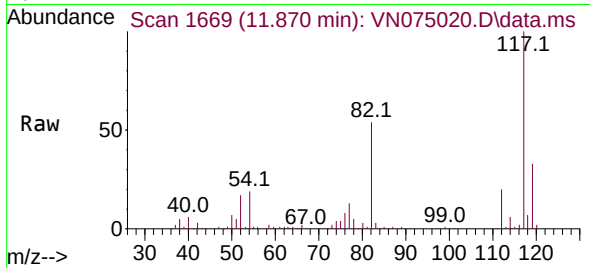
Tgt Ion: 95 Resp: 147455
Ion Ratio Lower Upper
95 100
174 76.9 0.0 147.4
176 74.7 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

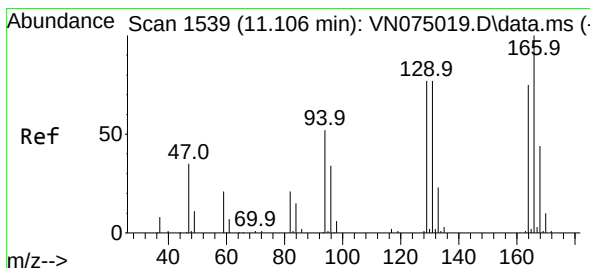
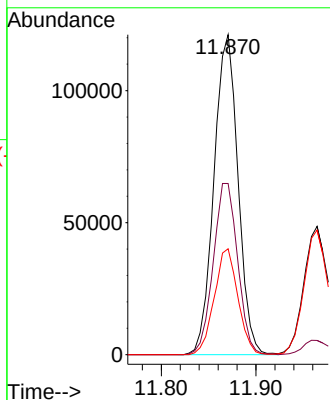
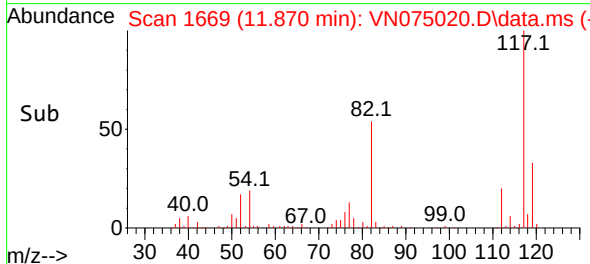
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



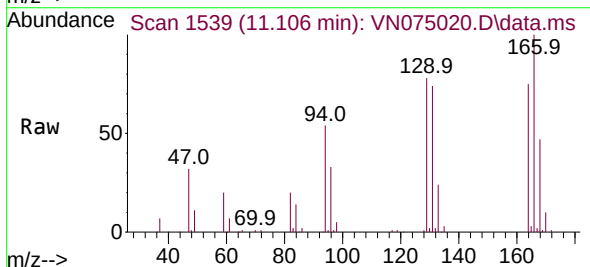
Tgt Ion:117 Resp: 21398
Ion Ratio Lower Upper
117 100
82 53.5 43.1 64.7
119 33.1 25.5 38.3

Manual Integrations
APPROVED

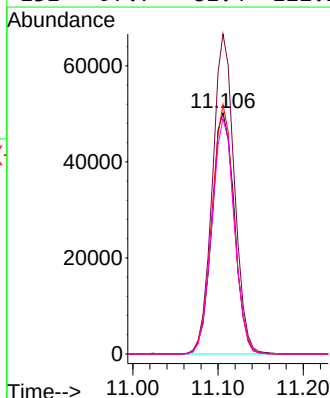
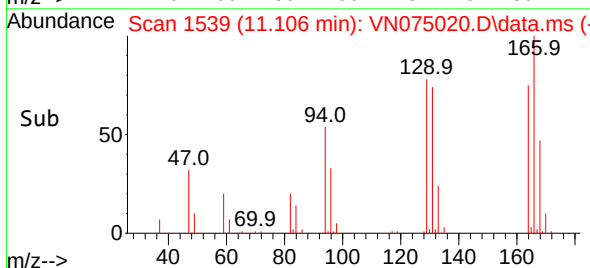
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

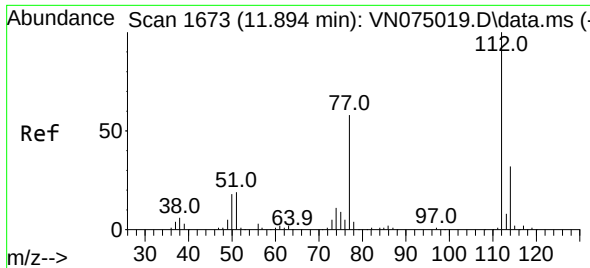


#64
Tetrachloroethene
Concen: 70.113 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37



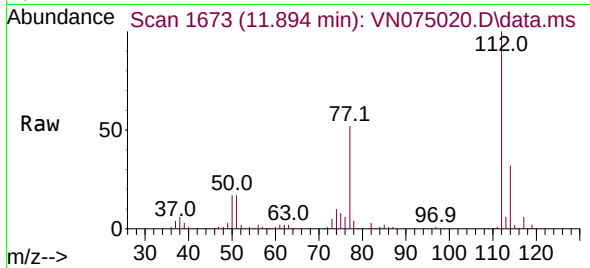
Tgt Ion:164 Resp: 91981
Ion Ratio Lower Upper
164 100
166 132.8 106.5 159.7
129 103.4 81.9 122.9
131 97.7 81.4 122.2





#65
Chlorobenzene
Concen: 74.230 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

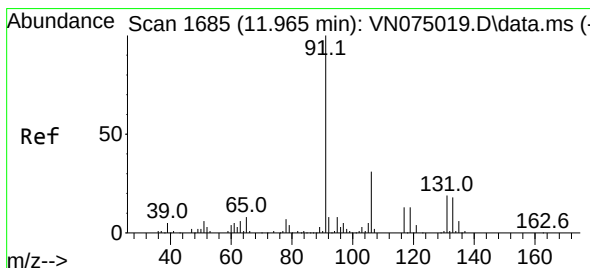
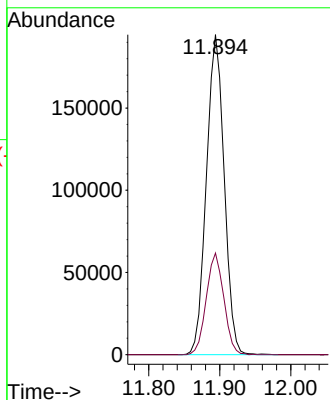
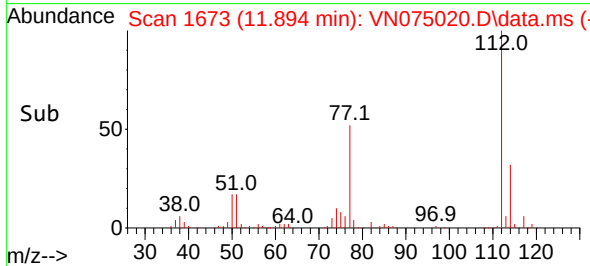
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



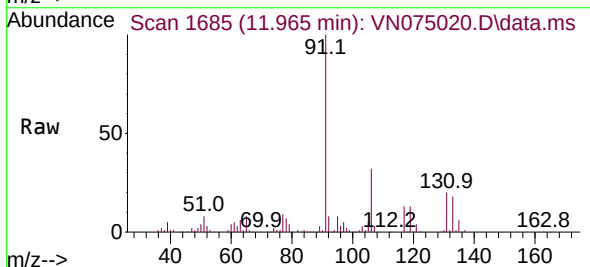
Tgt Ion:112 Resp: 339040
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

Manual Integrations
APPROVED

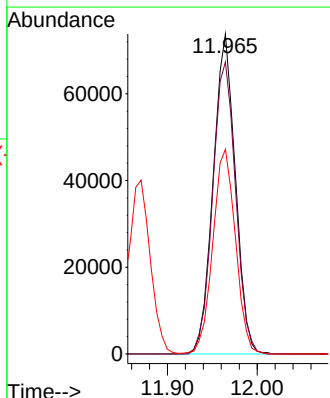
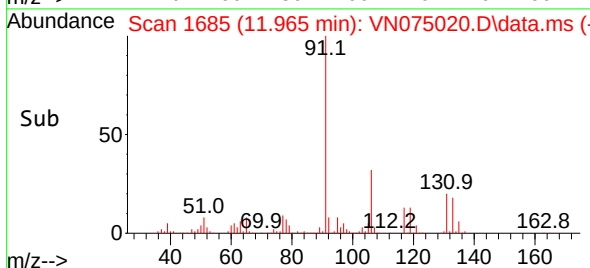
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

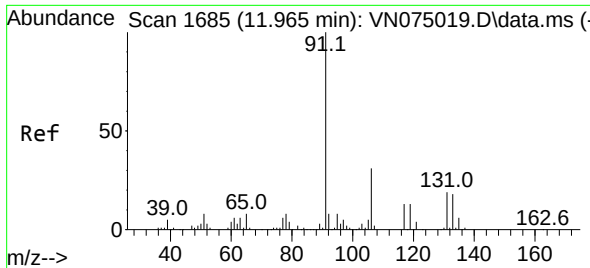


#66
1,1,1,2-Tetrachloroethane
Concen: 74.656 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37



Tgt Ion:131 Resp: 126494
Ion Ratio Lower Upper
131 100
133 94.6 47.8 143.4
119 65.5 33.0 99.0





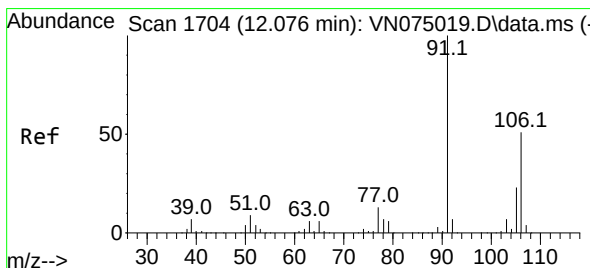
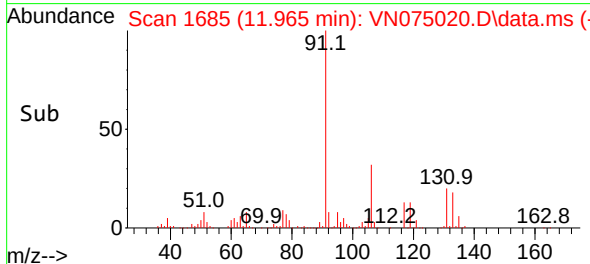
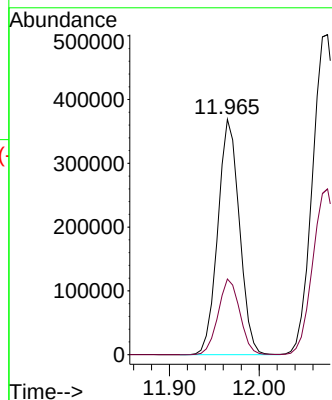
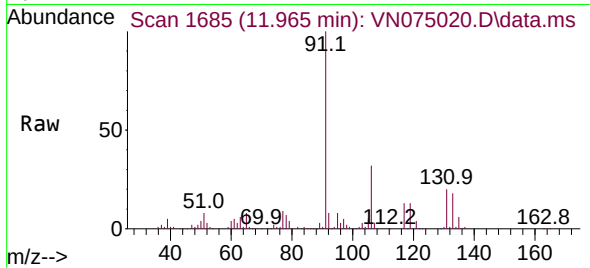
#67
Ethyl Benzene
Concen: 74.993 ug/l
RT: 11.965 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 91 Resp: 616250
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3

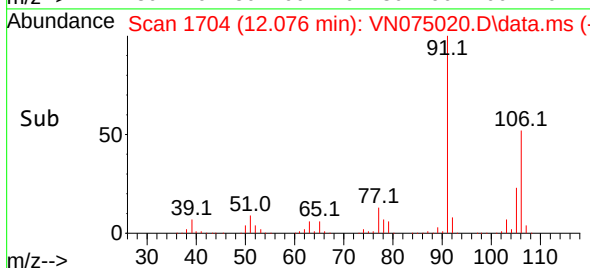
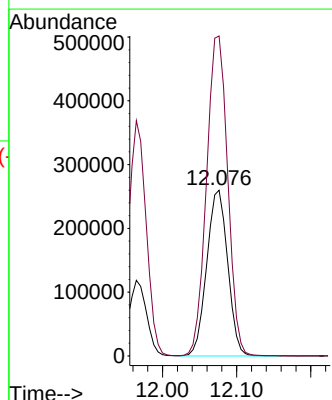
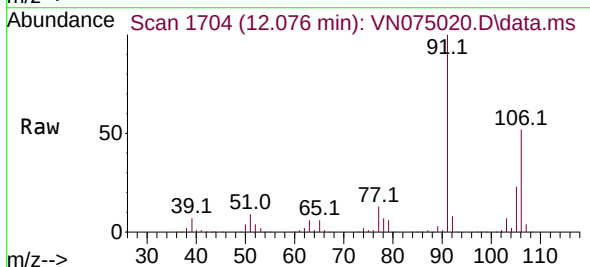
Manual Integrations
APPROVED

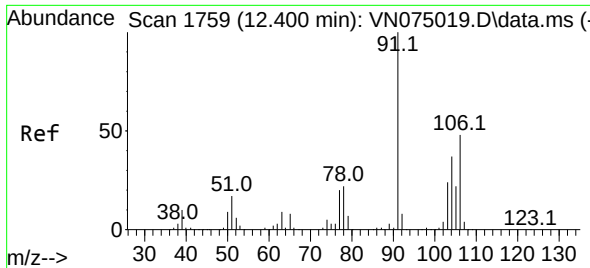
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#68
m/p-Xylenes
Concen: 154.774 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

Tgt Ion:106 Resp: 510335
Ion Ratio Lower Upper
106 100
91 195.5 156.0 234.0





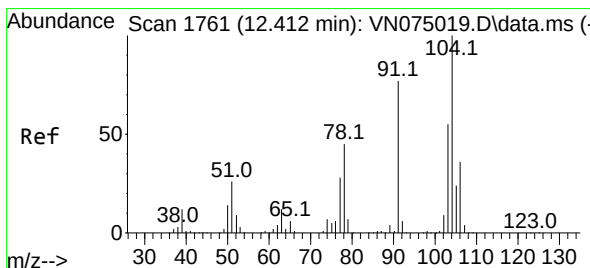
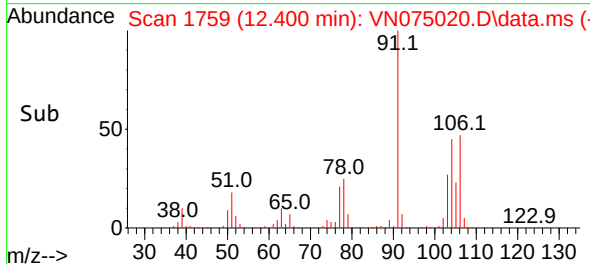
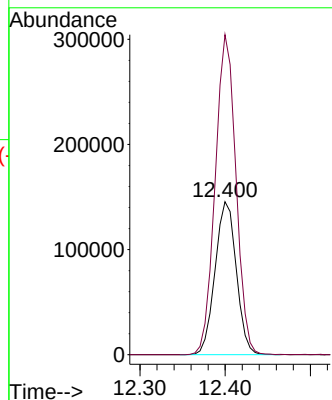
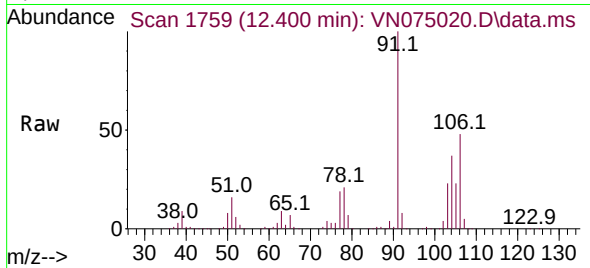
#69
o-Xylene
Concen: 77.236 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:106 Resp: 25185
Ion Ratio Lower Upper
106 100
91 204.7 105.2 315.5

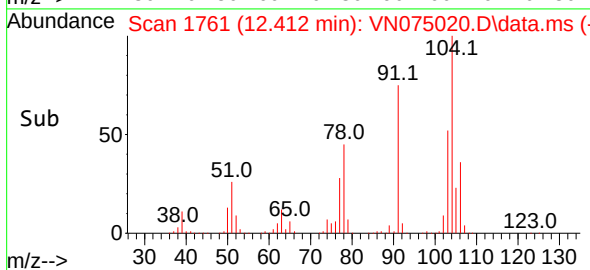
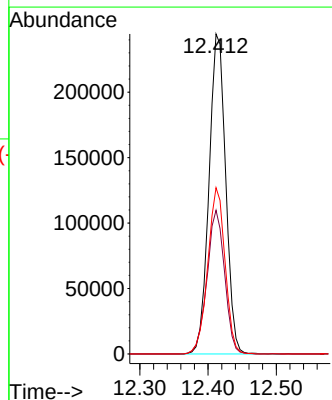
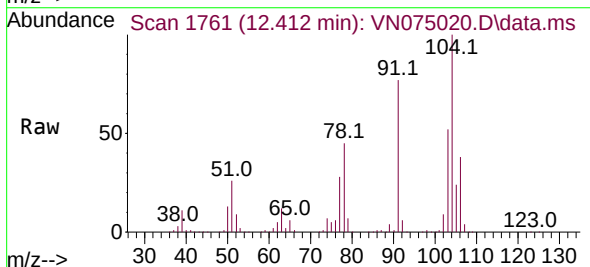
Manual Integrations
APPROVED

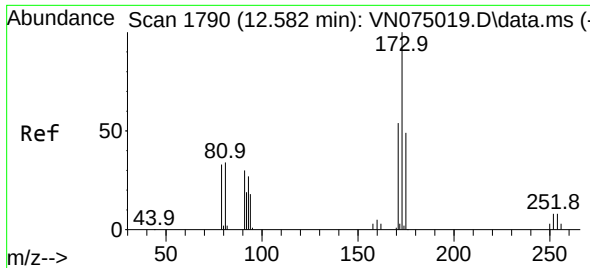
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#70
Styrene
Concen: 80.131 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

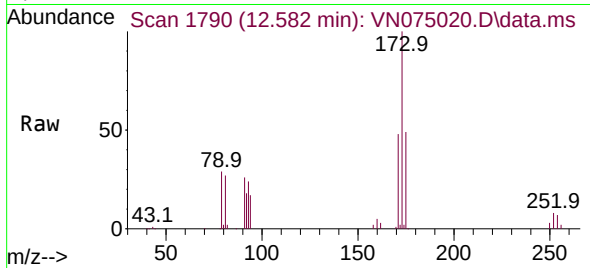
Tgt Ion:104 Resp: 416633
Ion Ratio Lower Upper
104 100
78 47.2 38.1 57.1
103 53.8 44.6 66.8





#71
Bromoform
Concen: 82.906 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

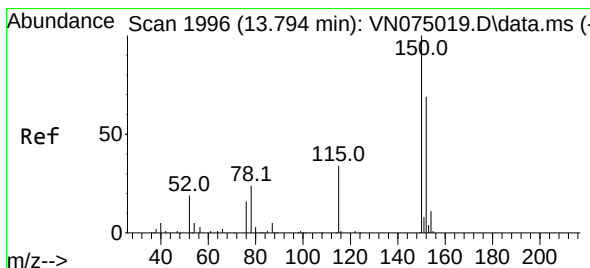
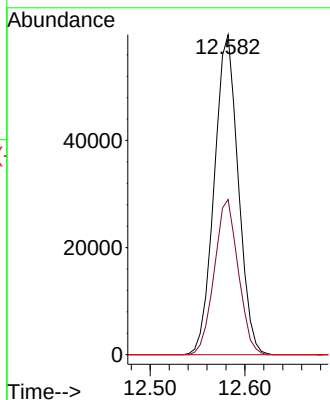
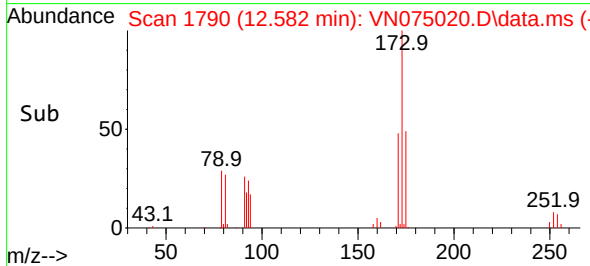
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion:173 Resp: 10517
Ion Ratio Lower Upper
173 100
175 48.4 24.6 74.0
254 0.0 0.0 0.0

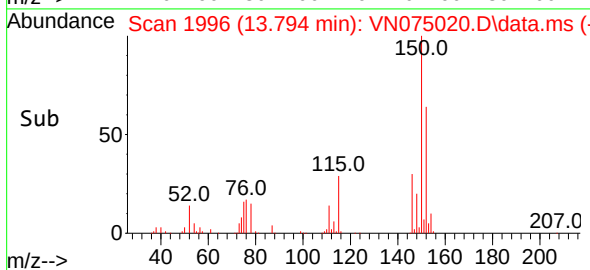
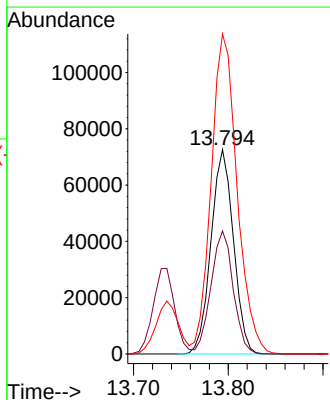
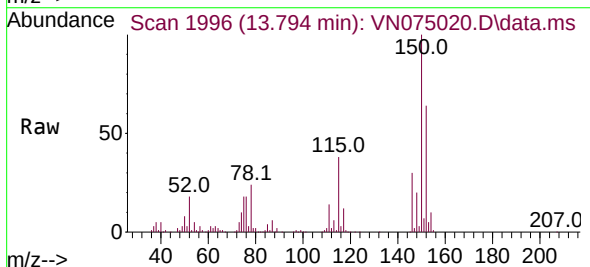
Manual Integrations
APPROVED

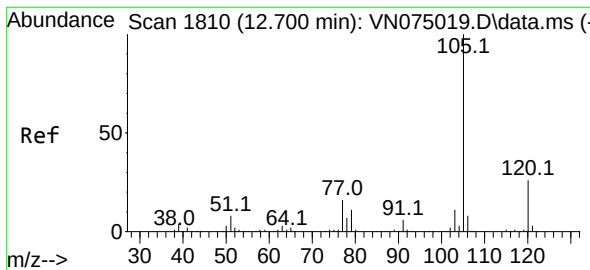
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

Tgt Ion:152 Resp: 119523
Ion Ratio Lower Upper
152 100
115 59.4 30.2 90.6
150 180.8 0.0 348.4





#73

Isopropylbenzene

Concen: 68.828 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VN075020.D

Acq: 26 Oct 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion:105 Resp: 660439

Ion Ratio Lower Upper

105 100

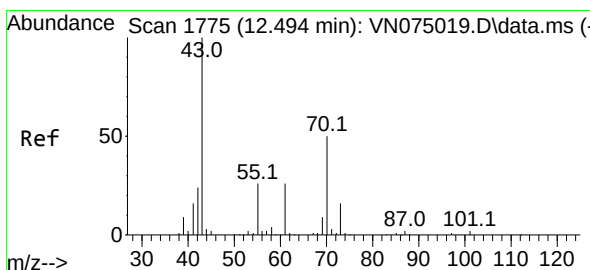
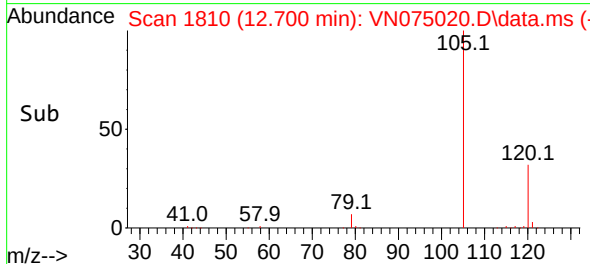
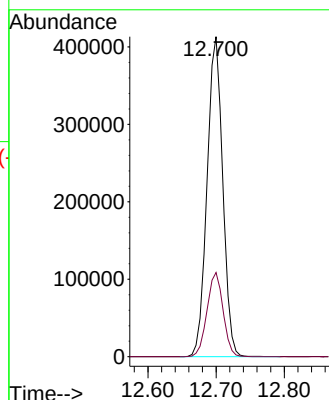
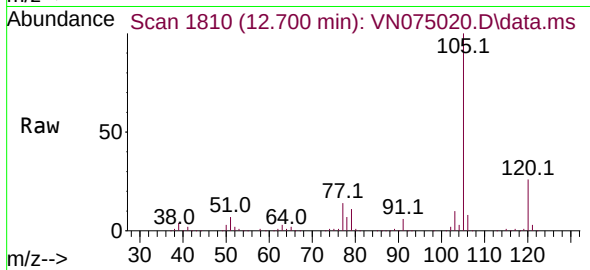
120 26.9 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#74

N-ethyl acetate

Concen: 65.786 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN075020.D

Acq: 26 Oct 2022 12:37

Tgt Ion: 43 Resp: 233467

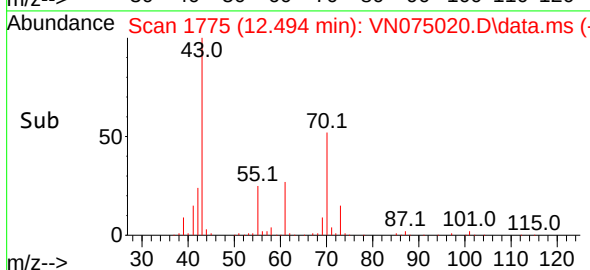
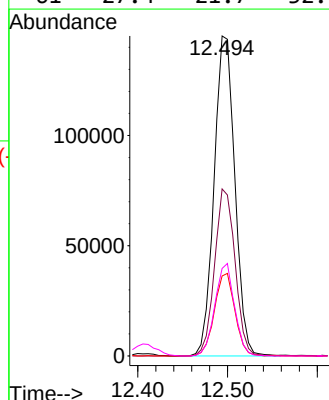
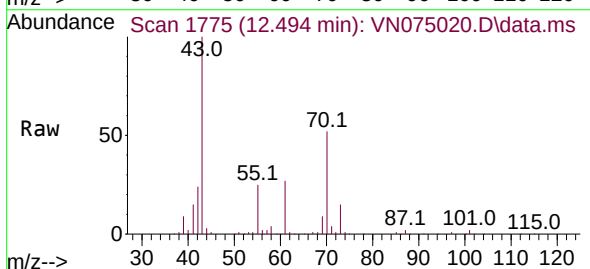
Ion Ratio Lower Upper

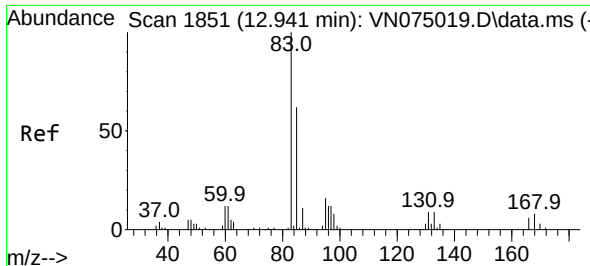
43 100

70 51.5 39.8 59.8

55 25.5 19.9 29.9

61 27.4 21.7 32.5





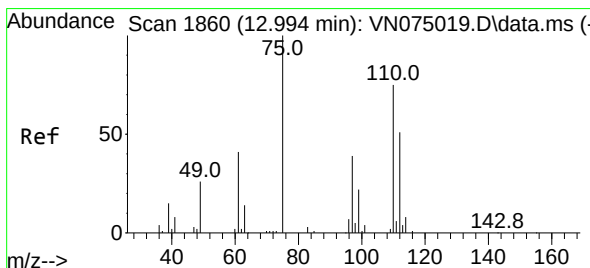
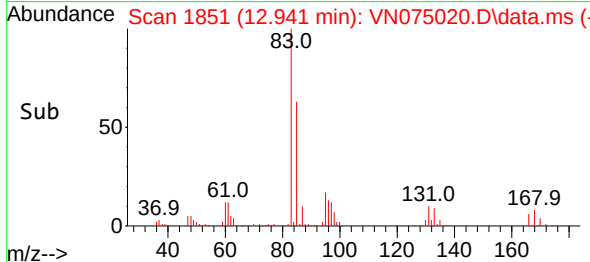
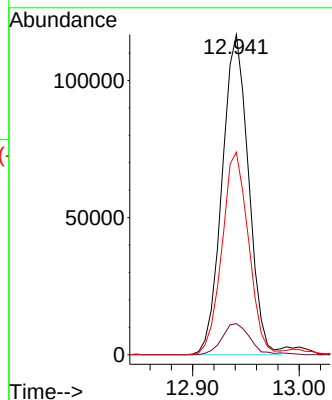
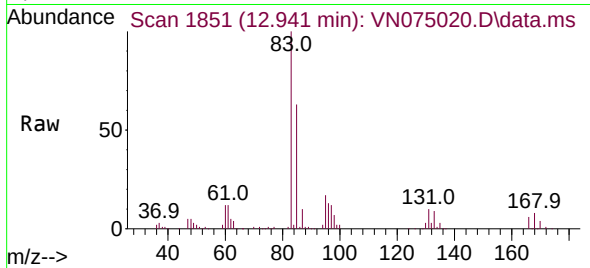
#75
1,1,2,2-Tetrachloroethane
Concen: 64.262 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 83 Resp: 201139
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.3
85 63.6 31.6 94.7

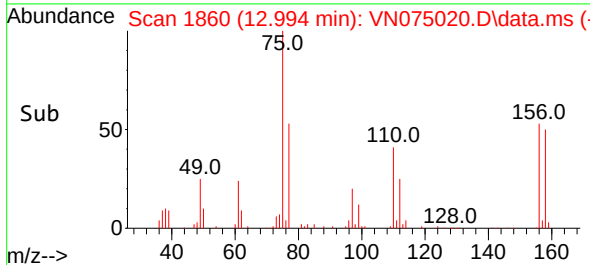
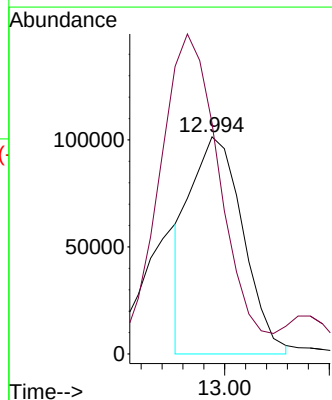
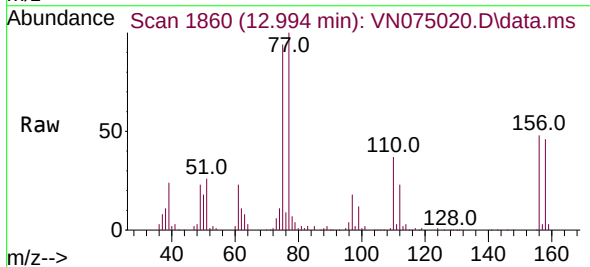
Manual Integrations
APPROVED

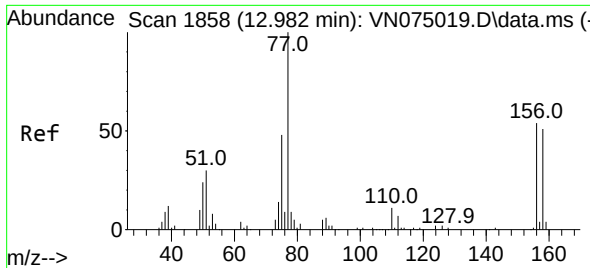
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#76
1,2,3-Trichloropropane
Concen: 63.292 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

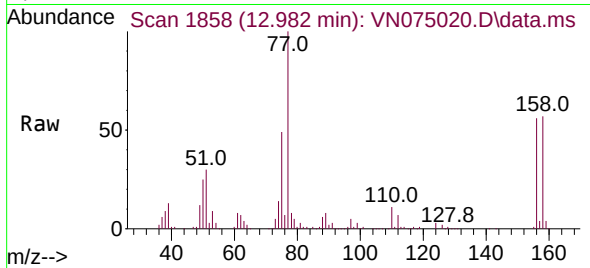
Tgt Ion: 75 Resp: 178971
Ion Ratio Lower Upper
75 100
77 169.9 75.6 226.8





#77
Bromobenzene
Concen: 68.078 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

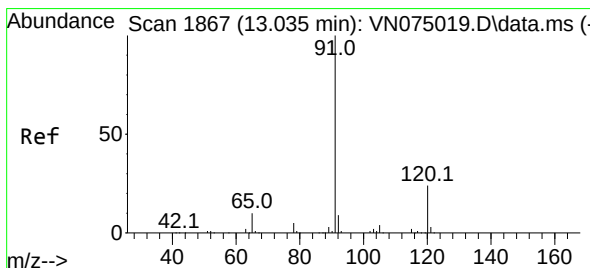
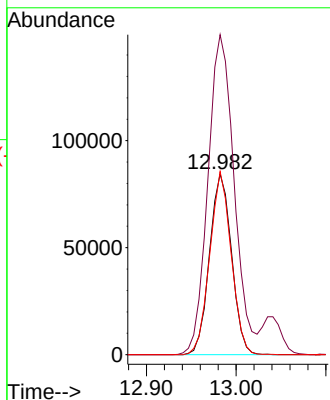
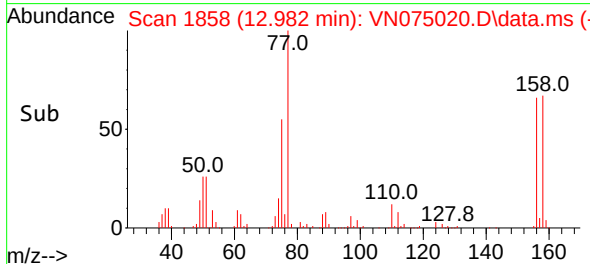
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



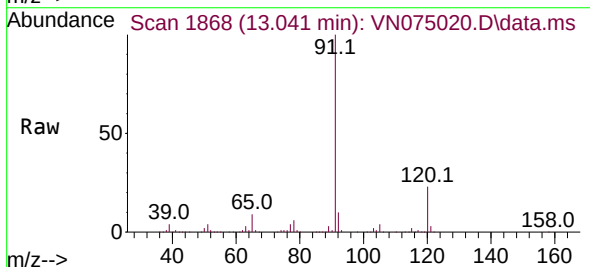
Tgt Ion:156 Resp: 143830
Ion Ratio Lower Upper
156 100
77 211.4 108.5 325.5
158 98.7 47.7 143.1

Manual Integrations
APPROVED

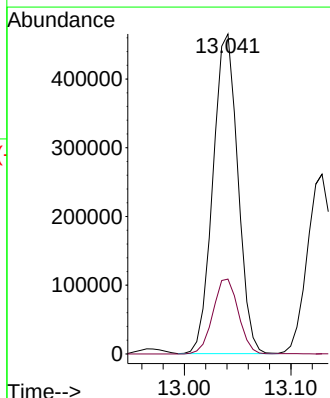
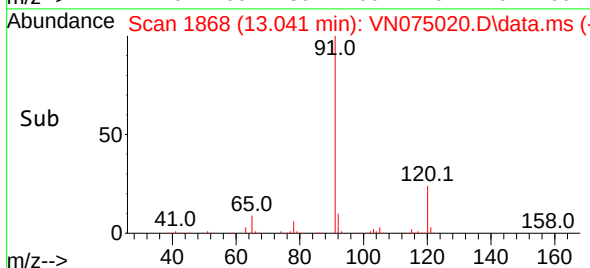
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

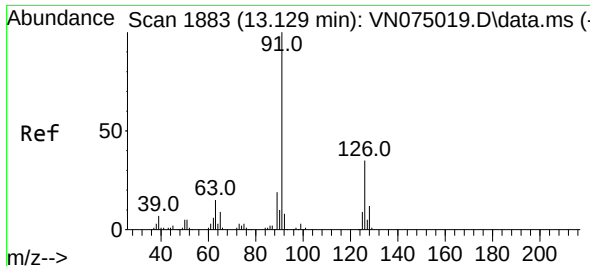


#78
n-propylbenzene
Concen: 70.136 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37



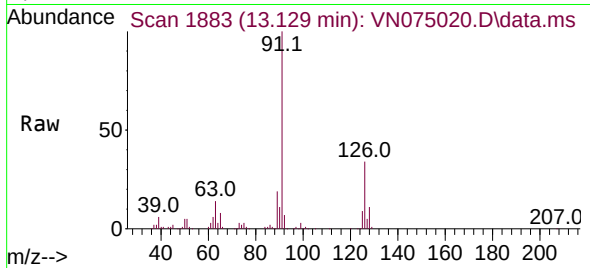
Tgt Ion: 91 Resp: 755583
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.5





#79
2-Chlorotoluene
Concen: 67.963 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

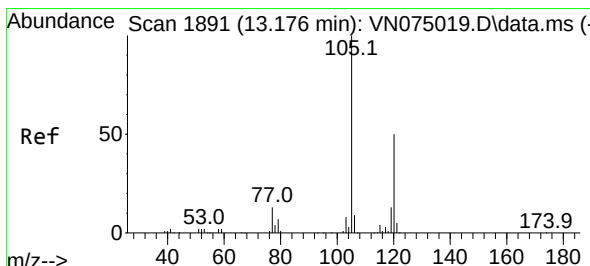
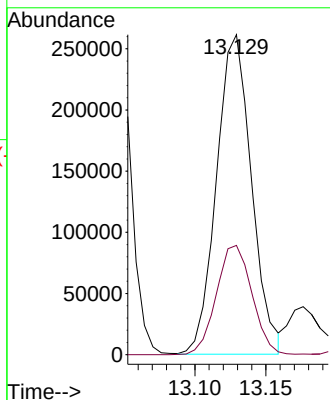
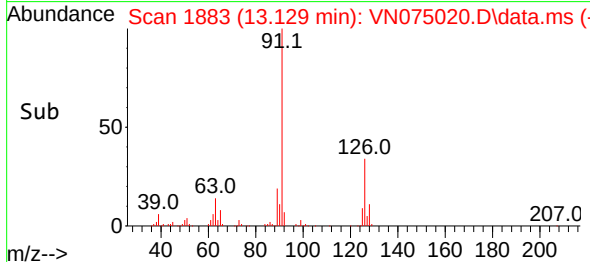
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



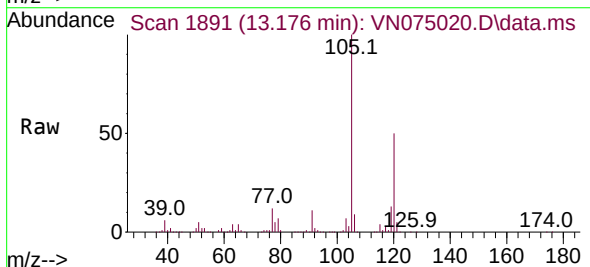
Tgt Ion: 91 Resp: 44741
Ion Ratio Lower Upper
91 100
126 34.8 16.9 50.7

Manual Integrations
APPROVED

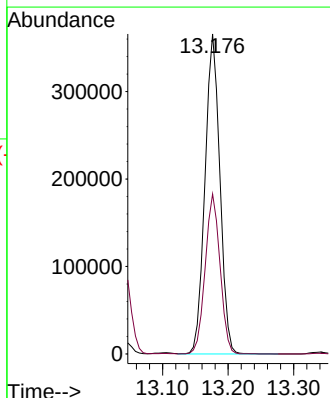
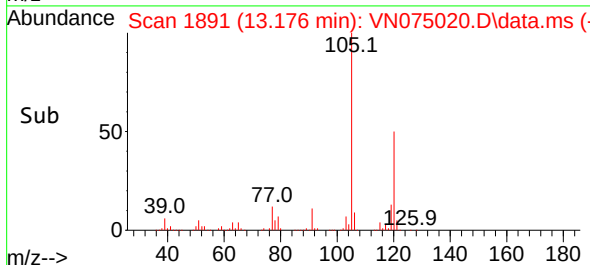
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

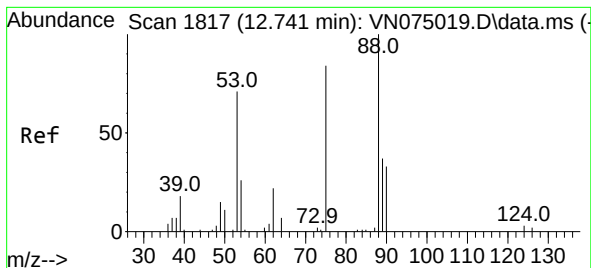


#80
1,3,5-Trimethylbenzene
Concen: 71.827 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37



Tgt Ion:105 Resp: 578887
Ion Ratio Lower Upper
105 100
120 49.8 24.7 74.1





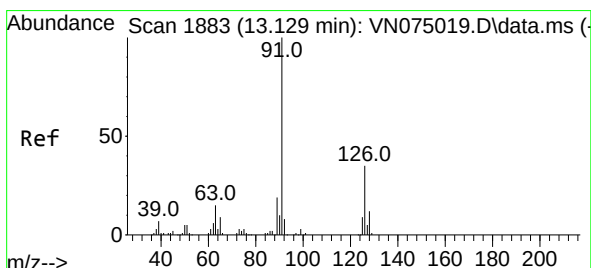
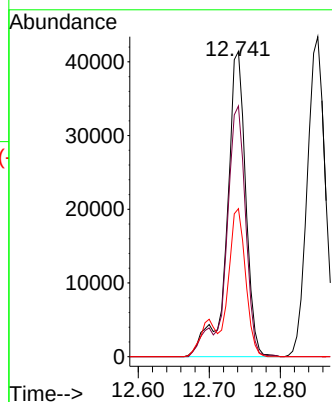
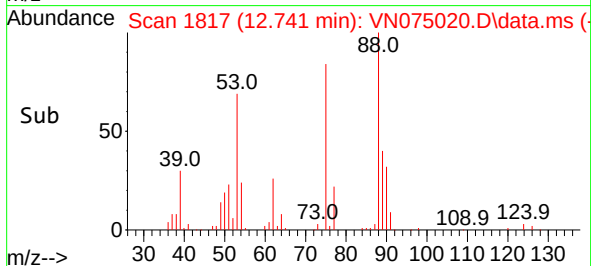
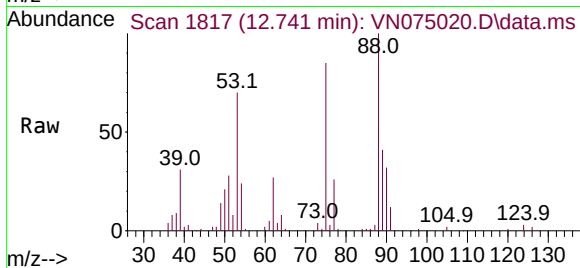
#81
trans-1,4-Dichloro-2-butene
Concen: 77.394 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 75 Resp: 76514
Ion Ratio Lower Upper
75 100
53 84.5 78.5 117.7
89 43.5 37.7 56.5

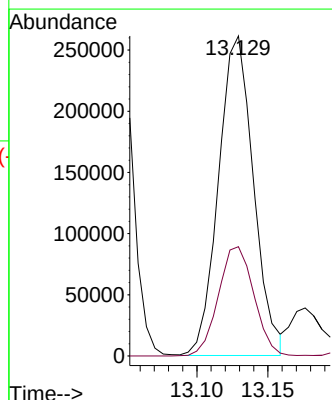
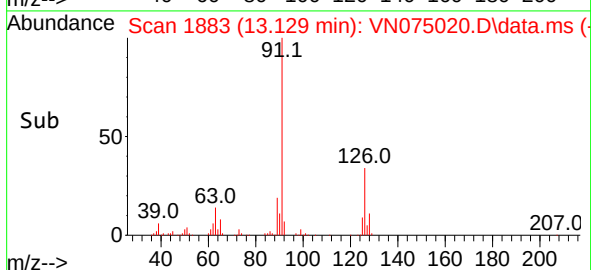
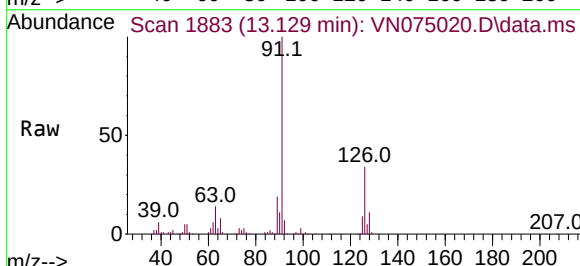
Manual Integrations
APPROVED

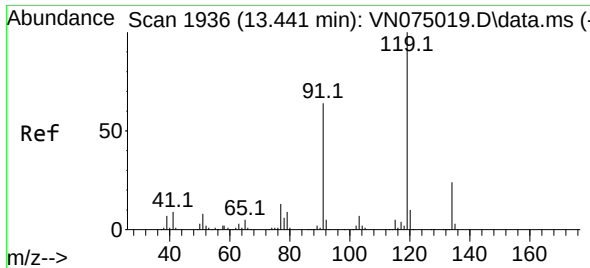
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#82
4-Chlorotoluene
Concen: 67.963 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

Tgt Ion: 91 Resp: 447413
Ion Ratio Lower Upper
91 100
126 34.8 16.9 50.7





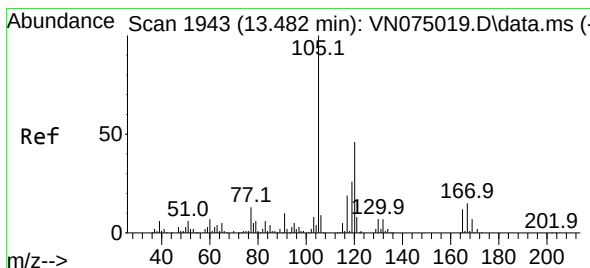
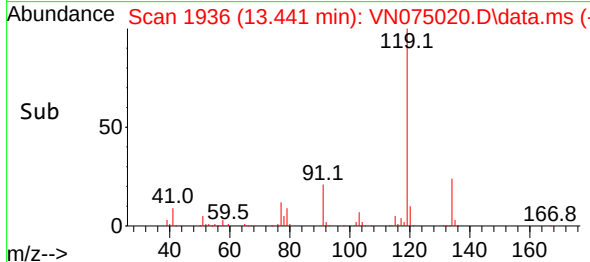
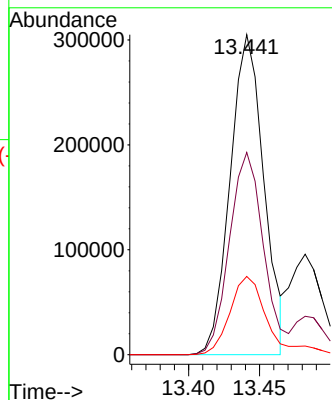
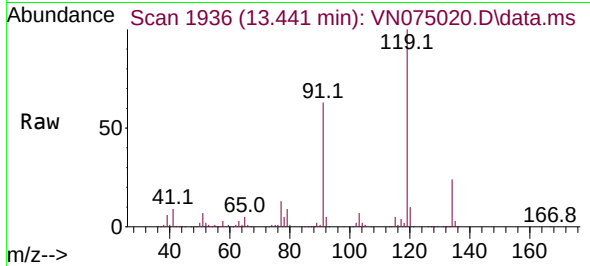
#83
tert-Butylbenzene
Concen: 70.317 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:119 Resp: 50356
Ion Ratio Lower Upper
119 100
91 64.3 32.8 98.4
134 27.2 12.3 36.9

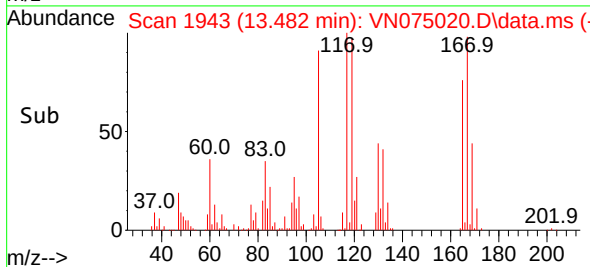
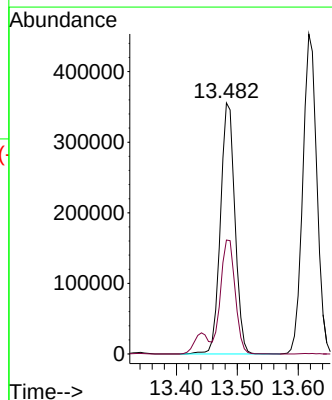
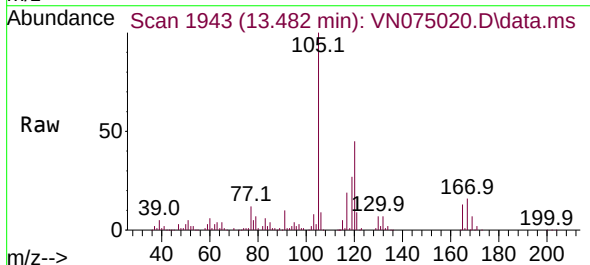
Manual Integrations
APPROVED

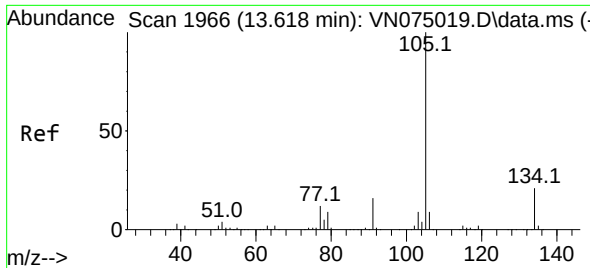
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#84
1,2,4-Trimethylbenzene
Concen: 71.937 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

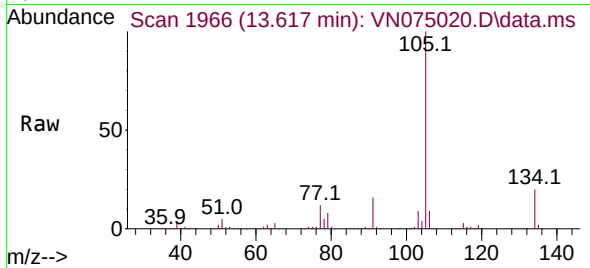
Tgt Ion:105 Resp: 586599
Ion Ratio Lower Upper
105 100
120 45.4 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 72.268 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075020.D
 Acq: 26 Oct 2022 12:37

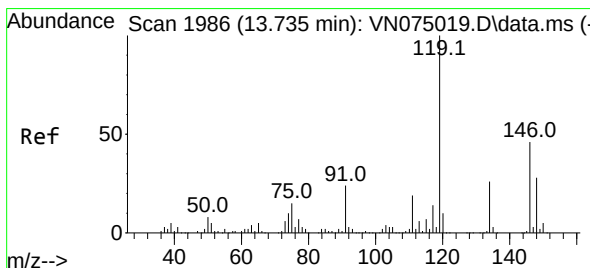
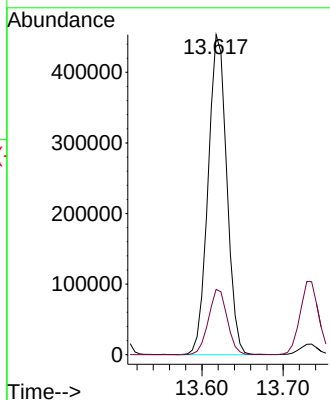
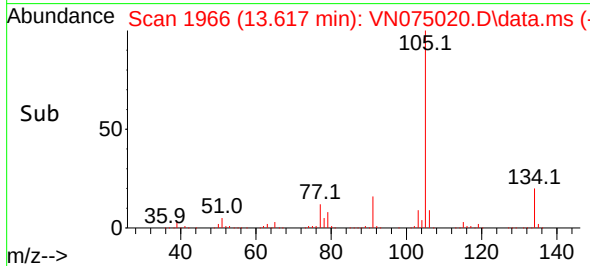
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075



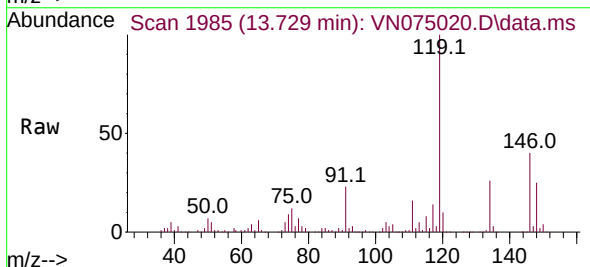
Tgt Ion:105 Resp: 72399
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6

Manual Integrations
 APPROVED

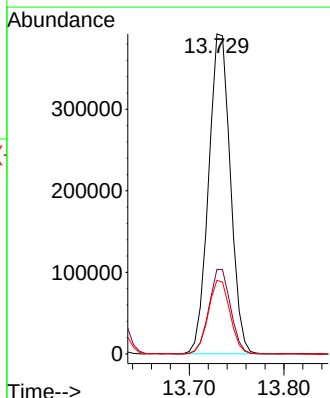
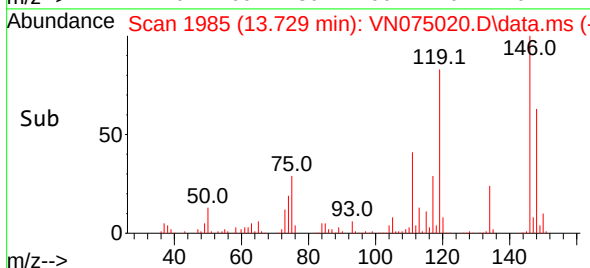
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022

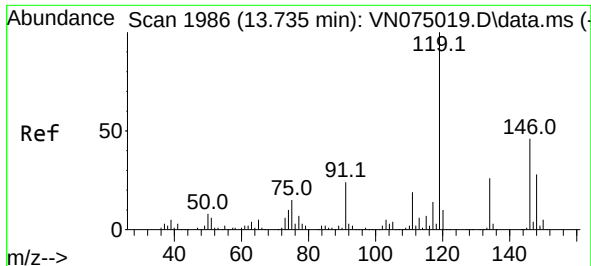


#86
 p-Isopropyltoluene
 Concen: 75.668 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075020.D
 Acq: 26 Oct 2022 12:37



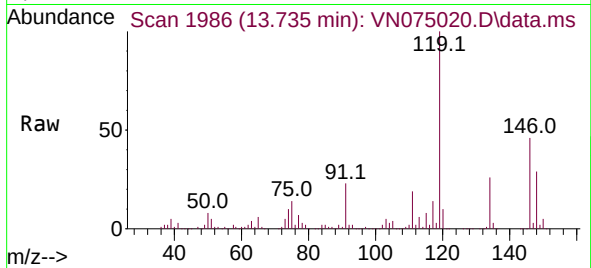
Tgt Ion:119 Resp: 626054
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.3
 91 23.1 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 73.919 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

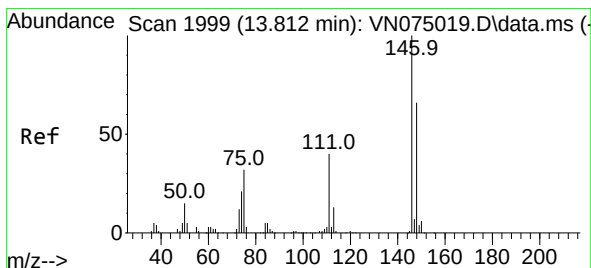
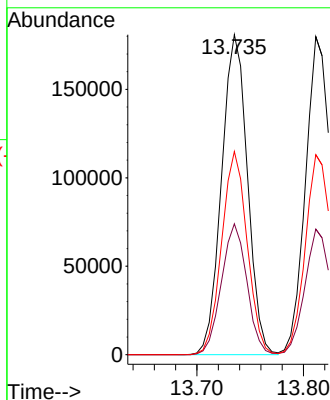
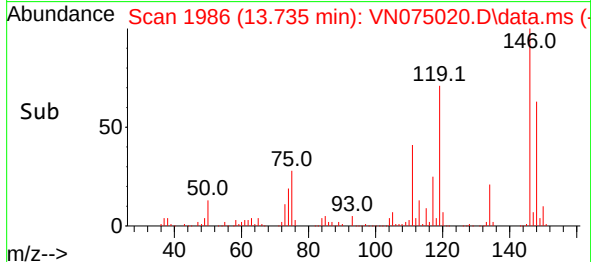
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



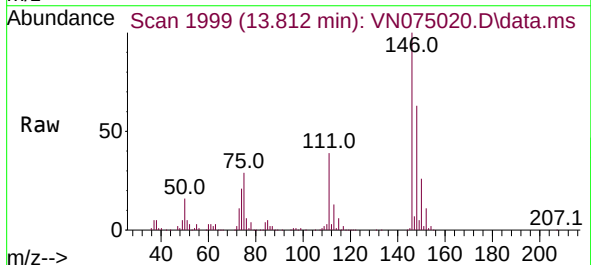
Tgt Ion:146 Resp: 305788
Ion Ratio Lower Upper
146 100
111 40.2 20.8 62.5
148 62.5 31.1 93.5

Manual Integrations
APPROVED

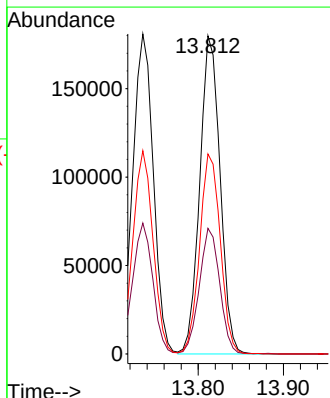
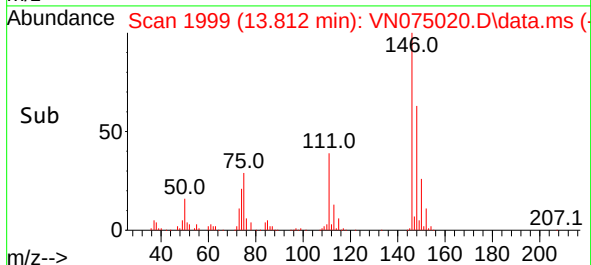
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

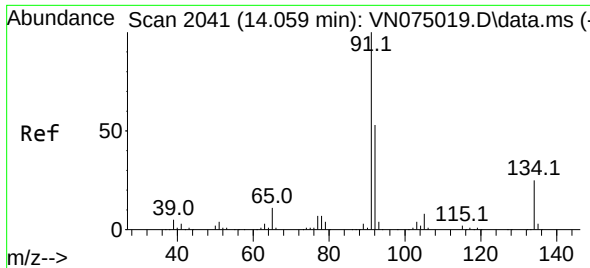


#88
1,4-Dichlorobenzene
Concen: 72.883 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37



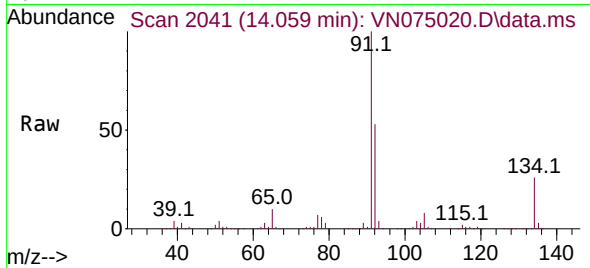
Tgt Ion:146 Resp: 298387
Ion Ratio Lower Upper
146 100
111 39.9 20.1 60.3
148 64.0 31.9 95.7





#89
n-Butylbenzene
Concen: 76.034 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

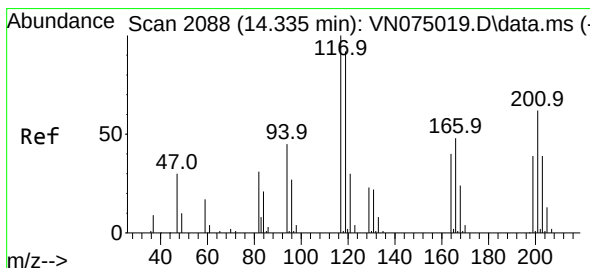
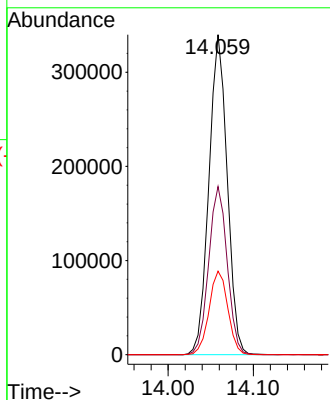
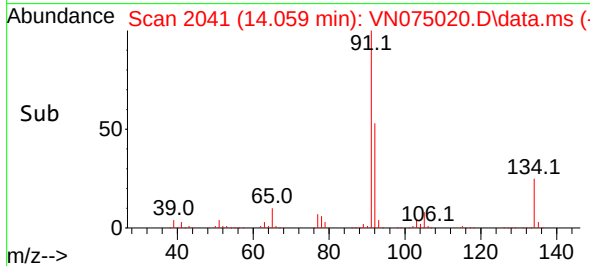
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion: 91 Resp: 50658
Ion Ratio Lower Upper
91 100
92 53.3 26.5 79.4
134 26.8 13.0 39.0

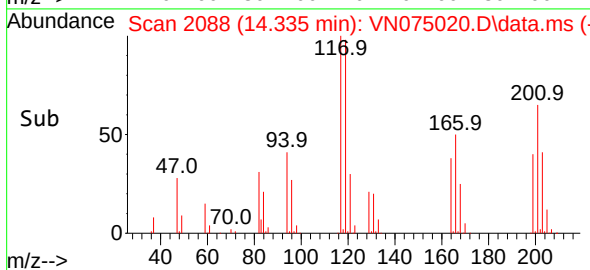
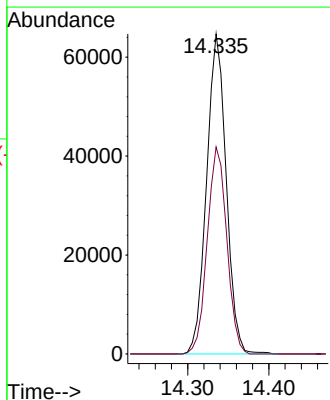
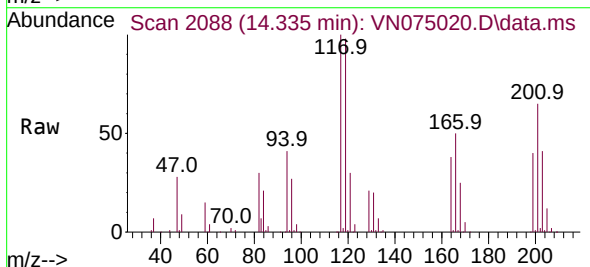
Manual Integrations
APPROVED

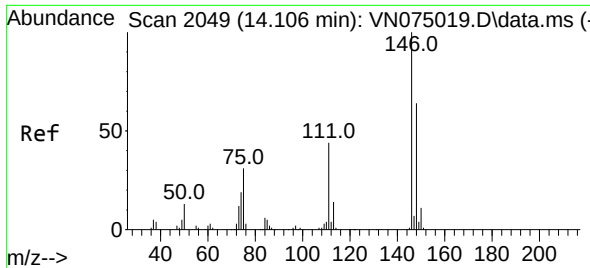
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#90
Hexachloroethane
Concen: 71.595 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

Tgt Ion:117 Resp: 108608
Ion Ratio Lower Upper
117 100
201 64.3 31.5 94.5





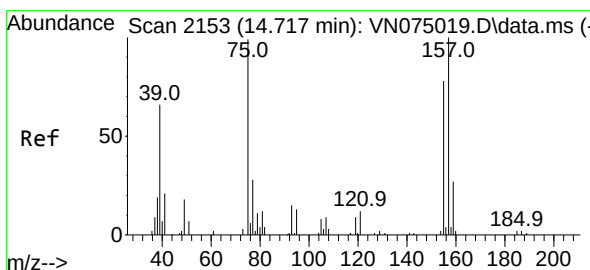
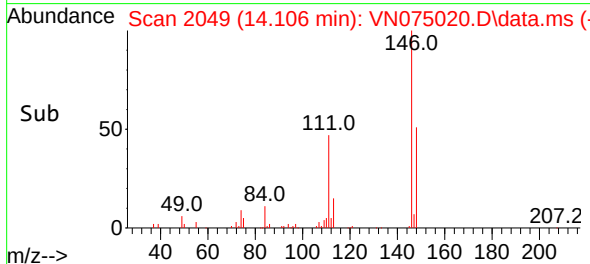
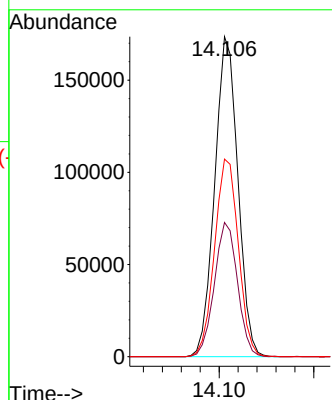
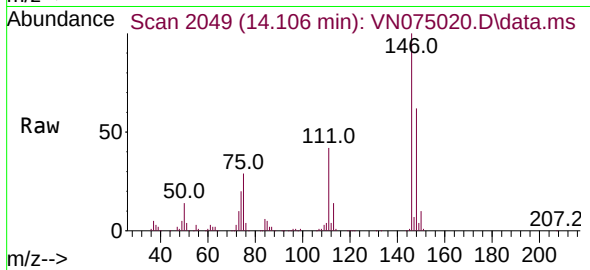
#91
1,2-Dichlorobenzene
Concen: 71.820 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion:146 Resp: 295360
Ion Ratio Lower Upper
146 100
111 41.9 21.3 63.9
148 63.4 31.4 94.2

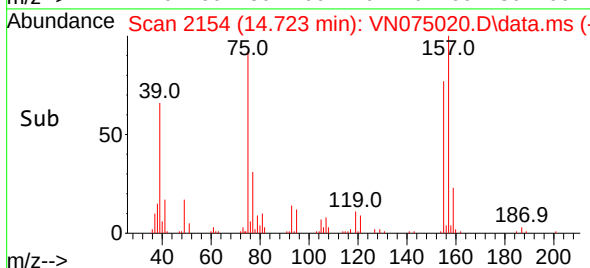
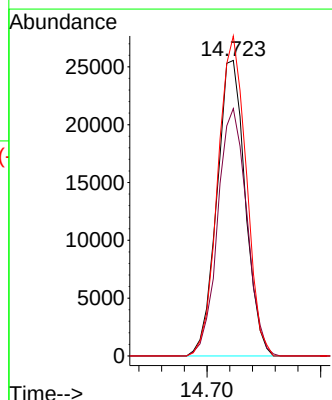
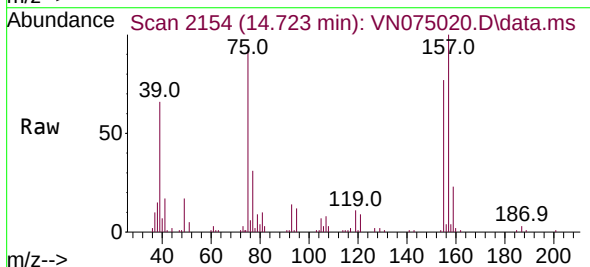
Manual Integrations
APPROVED

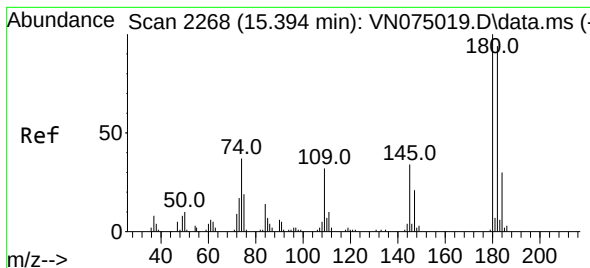
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 68.371 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

Tgt Ion: 75 Resp: 44253
Ion Ratio Lower Upper
75 100
155 85.8 42.1 126.3
157 107.9 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 75.049 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075020.D

Acq: 26 Oct 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion:180 Resp: 13281

Ion Ratio Lower Upper

180 100

182 95.9 47.8 143.4

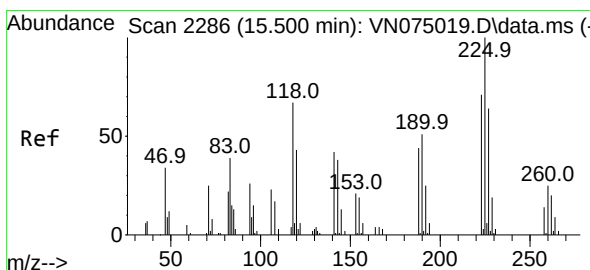
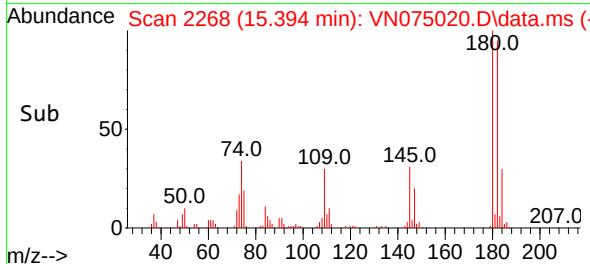
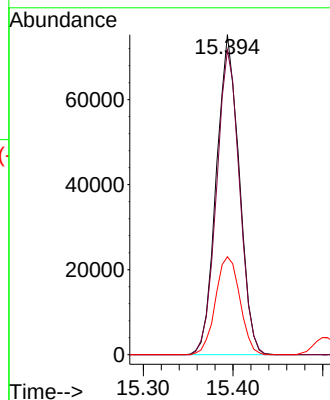
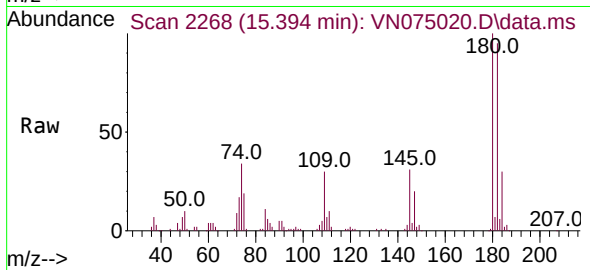
145 32.7 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#94

Hexachlorobutadiene

Concen: 69.628 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. 0.006 min

Lab File: VN075020.D

Acq: 26 Oct 2022 12:37

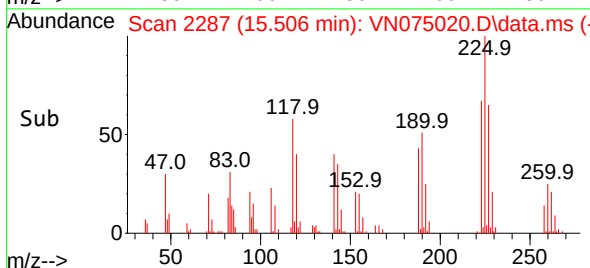
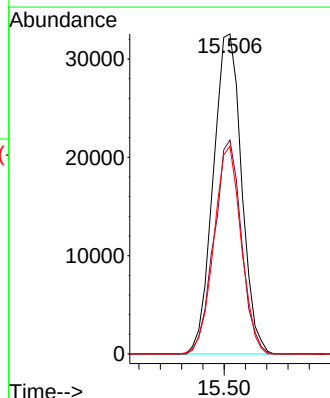
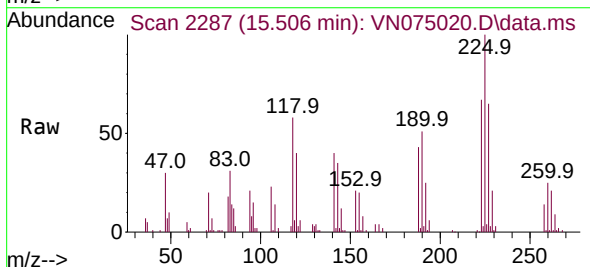
Tgt Ion:225 Resp: 60071

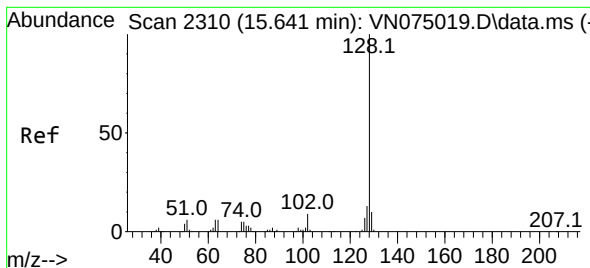
Ion Ratio Lower Upper

225 100

223 64.2 32.3 96.9

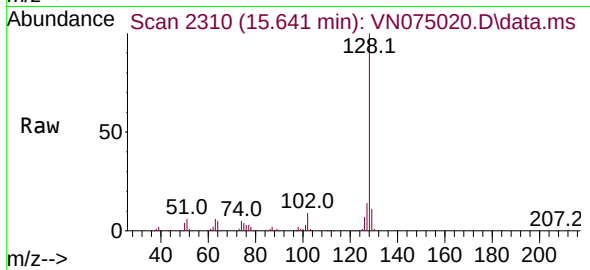
227 62.6 32.0 96.2





#95
Naphthalene
Concen: 73.542 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

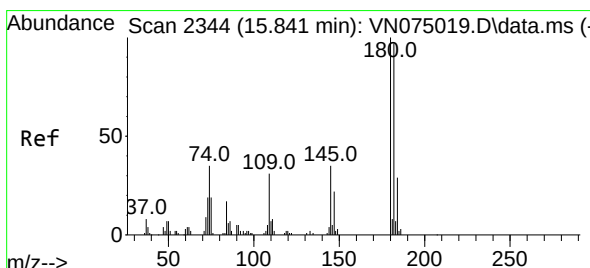
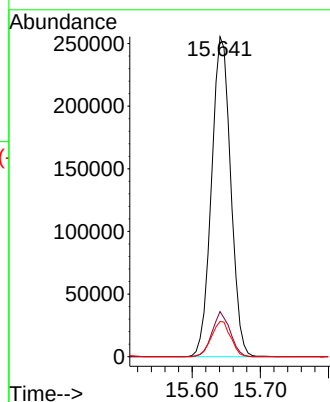
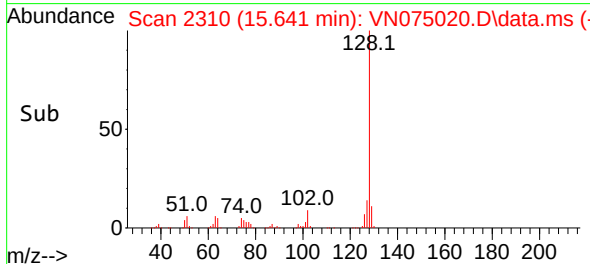
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion:128 Resp: 500495
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 11.1 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#96
1,2,3-Trichlorobenzene
Concen: 74.160 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075020.D
Acq: 26 Oct 2022 12:37

Tgt Ion:180 Resp: 130402
Ion Ratio Lower Upper
180 100
182 94.3 47.3 141.8
145 33.9 17.6 52.9

