

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102622\
 Data File : VN075017.D
 Acq On : 26 Oct 2022 11:25
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Oct 27 06:07:42 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	98120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	178366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	161127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	68988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	13641	10.318	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	20.640%#		
35) Dibromofluoromethane	8.177	113	10892	10.402	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	20.800%#		
50) Toluene-d8	10.571	98	40706	10.020	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	20.040%#		
62) 4-Bromofluorobenzene	12.847	95	12714	8.909	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	17.820%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	13268	10.395	ug/l	97
3) Chloromethane	2.377	50	15281	11.271	ug/l	99
4) Vinyl Chloride	2.524	62	20794	10.751	ug/l	91
5) Bromomethane	2.936	94	17159	10.825	ug/l	97
6) Chloroethane	3.106	64	15293	11.026	ug/l #	88
7) Trichlorofluoromethane	3.501	101	20952	10.604	ug/l	91
8) Diethyl Ether	3.977	74	7727	10.722	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	11474	10.515	ug/l	100
10) Methyl Iodide	4.600	142	16693	10.276	ug/l	95
11) Tert butyl alcohol	5.542	59	15644	50.742	ug/l #	88
12) 1,1-Dichloroethene	4.353	96	10631	10.221	ug/l #	93
13) Acrolein	4.200	56	12023	47.677	ug/l	96
14) Allyl chloride	5.042	41	16014	10.542	ug/l	96
15) Acrylonitrile	5.736	53	32055	49.219	ug/l	99
16) Acetone	4.448	43	29550	52.788	ug/l	95
17) Carbon Disulfide	4.724	76	26153	9.999	ug/l	100
18) Methyl Acetate	5.048	43	18833	10.300	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	8363	9.819	ug/l	95
42) 1,2-Dichloroethane	8.677	62	18612	10.307	ug/l	98
43) Isopropyl Acetate	8.694	43	26598	9.645	ug/l	99
44) Trichloroethene	9.353	130	12179	9.780	ug/l	99
45) 1,2-Dichloropropane	9.624	63	11951	10.117	ug/l	99
46) Dibromomethane	9.712	93	8997	9.776	ug/l	97
47) Bromodichloromethane	9.888	83	17437	9.784	ug/l	98
48) Methyl methacrylate	9.682	41	13268	10.489	ug/l	93
49) 1,4-Dioxane	9.700	88	6165	186.115	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	88196	49.562	ug/l	97
52) Toluene	10.635	92	31325	9.441	ug/l	93
53) t-1,3-Dichloropropene	10.835	75	17155	9.120	ug/l	92
54) cis-1,3-Dichloropropene	10.318	75	18680	9.363	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	12795	9.726	ug/l	92
56) Ethyl methacrylate	10.877	69	19359	9.647	ug/l	97
57) 1,3-Dichloropropane	11.165	76	21676	9.894	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	38610	49.767	ug/l	95
59) 2-Hexanone	11.200	43	65600	48.571	ug/l	98
60) Dibromochloromethane	11.359	129	12658	9.119	ug/l	97
61) 1,2-Dibromoethane	11.471	107	12127	8.995	ug/l	91
64) Tetrachloroethene	11.106	164	9971	10.094	ug/l	85
65) Chlorobenzene	11.894	112	33815	9.832	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.965	131	12315	9.653	ug/l	96
67) Ethyl Benzene	11.965	91	60750	9.818	ug/l	98
68) m/p-Xylenes	12.076	106	45775	18.437	ug/l	96
69) o-Xylene	12.400	106	23413	9.535	ug/l	98
70) Styrene	12.412	104	35130	8.973	ug/l	98
71) Bromoform	12.582	173	8231	8.617	ug/l #	100
73) Isopropylbenzene	12.700	105	58904	10.635	ug/l	100
74) N-amyl acetate	12.494	43	22465	10.967	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	19795	10.957	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	15576m	9.543	ug/l	
77) Bromobenzene	12.982	156	13225	10.845	ug/l	97
78) n-propylbenzene	13.035	91	64738	1		

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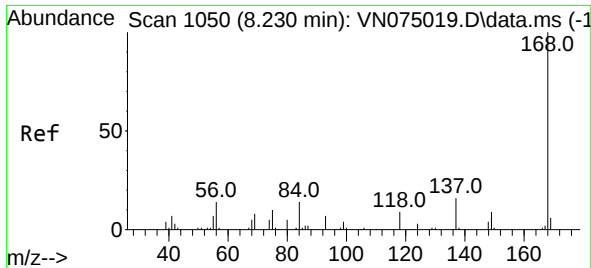
Manual Integrations
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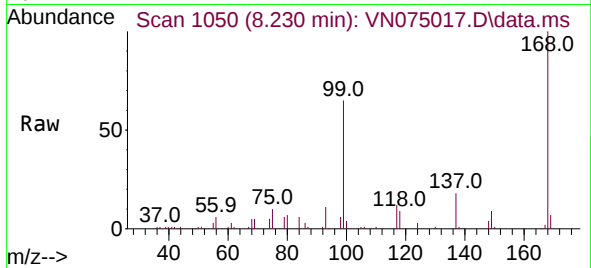
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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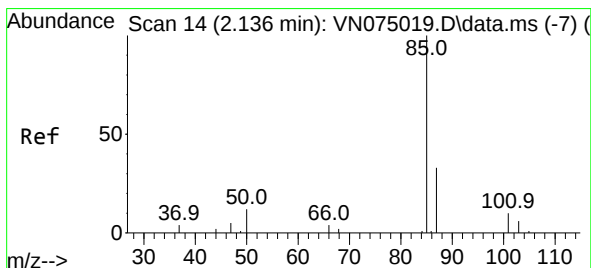
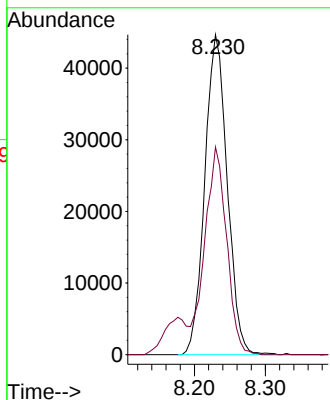
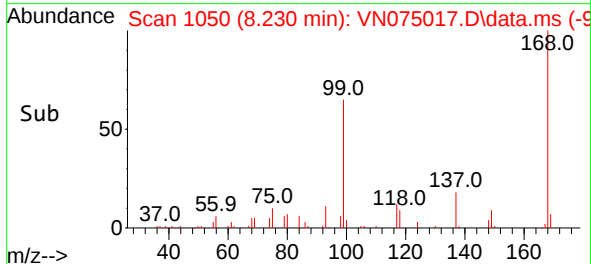
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:168 Resp: 98120
Ion Ratio Lower Upper
168 100
99 64.9 51.6 77.4

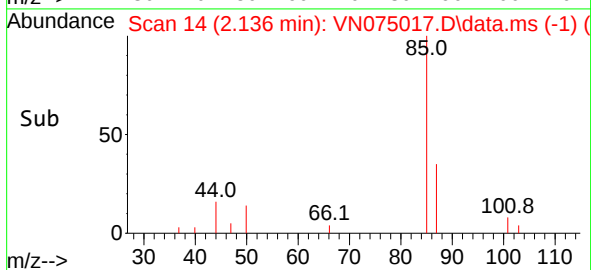
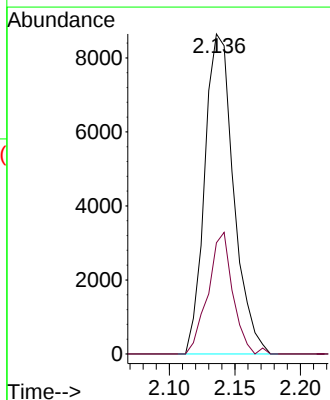
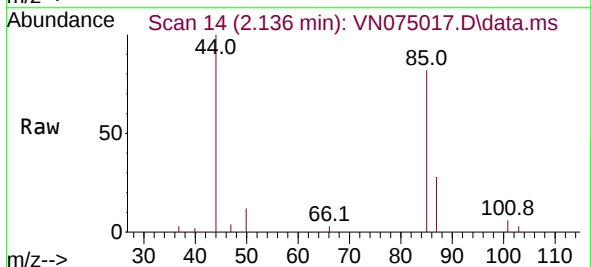
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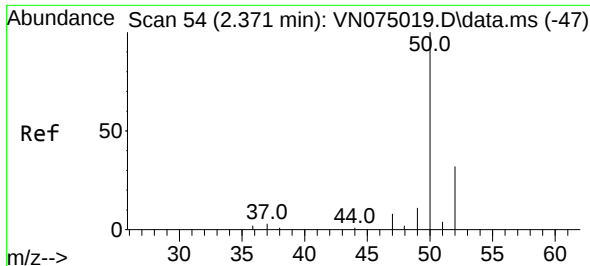
Reviewed By :John Carlone 10/27/2022
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#2
Dichlorodifluoromethane
Concen: 10.395 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

Tgt Ion: 85 Resp: 13268
Ion Ratio Lower Upper
85 100
87 34.8 16.7 50.0





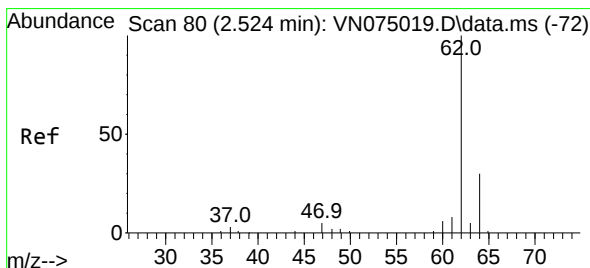
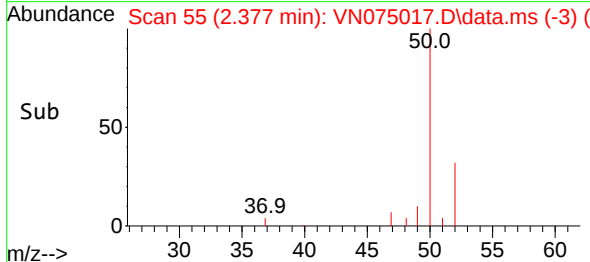
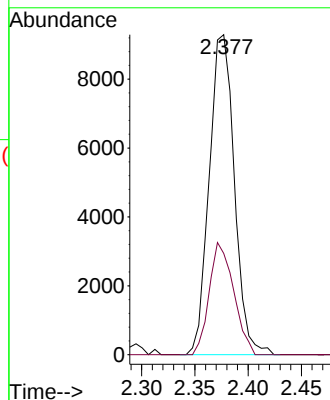
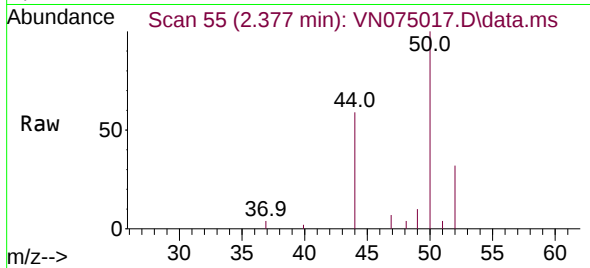
#3
Chloromethane
Concen: 11.271 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 50 Resp: 1528
Ion Ratio Lower Upper
50 100
52 31.7 25.8 38.6

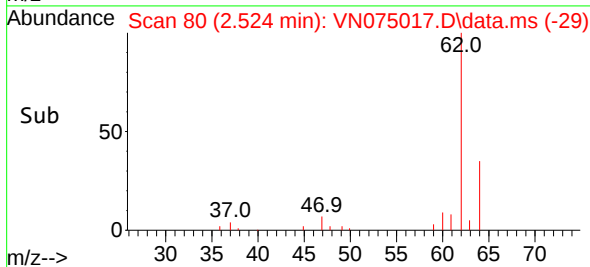
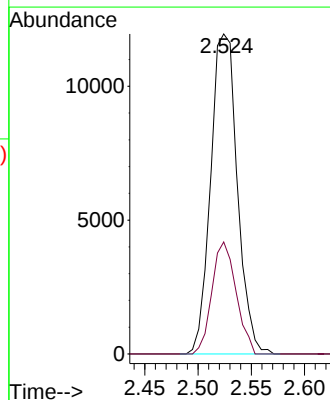
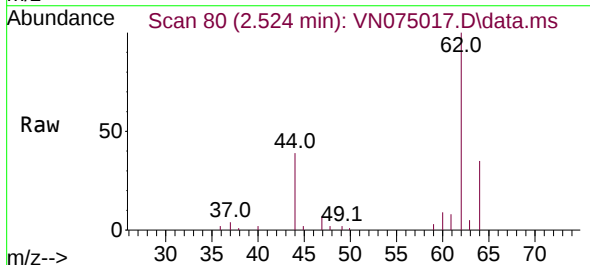
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#4
Vinyl Chloride
Concen: 10.751 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

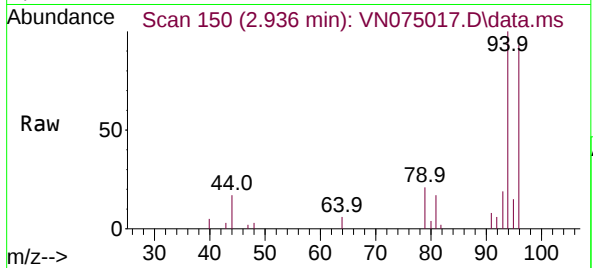
Tgt Ion: 62 Resp: 20794
Ion Ratio Lower Upper
62 100
64 35.0 24.0 36.0





#5
Bromomethane
Concen: 10.825 ug/l
RT: 2.936 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

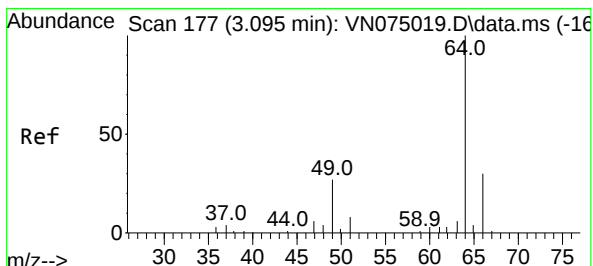
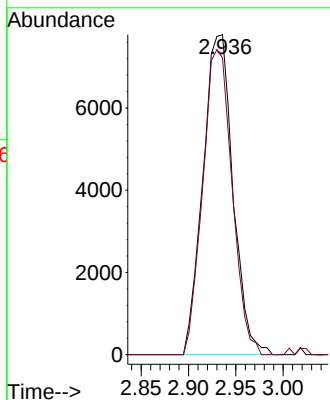
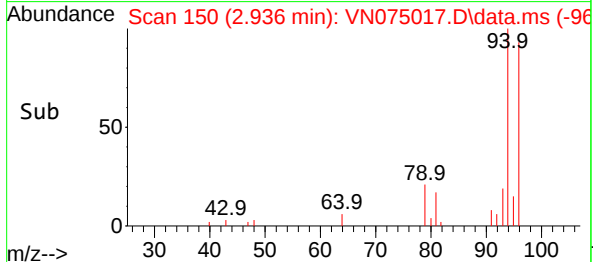
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



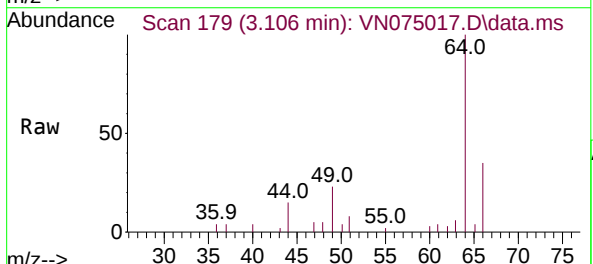
Tgt Ion: 94 Resp: 17159
Ion Ratio Lower Upper
94 100
96 92.7 71.8 107.6

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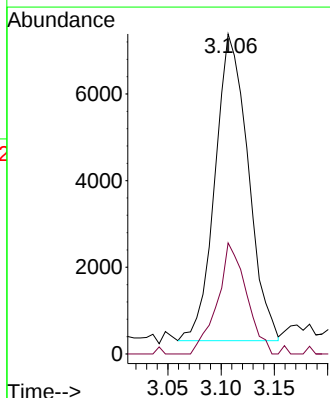
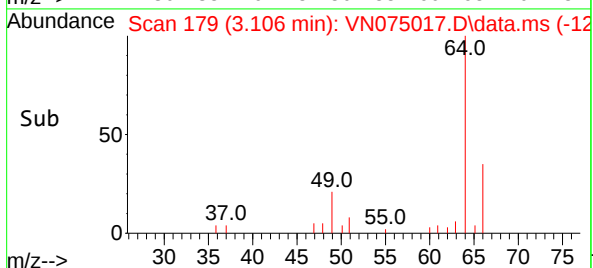
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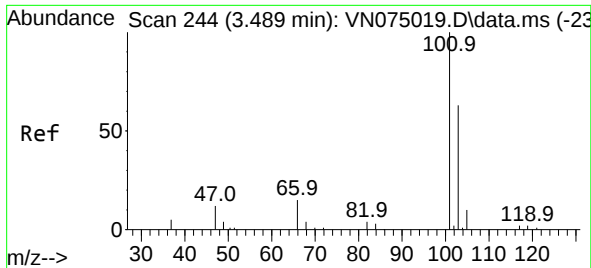


#6
Chloroethane
Concen: 11.026 ug/l
RT: 3.106 min Scan# 179
Delta R.T. 0.012 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25



Tgt Ion: 64 Resp: 15293
Ion Ratio Lower Upper
64 100
66 36.2 23.8 35.8#





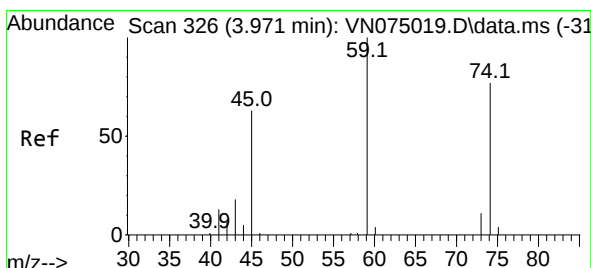
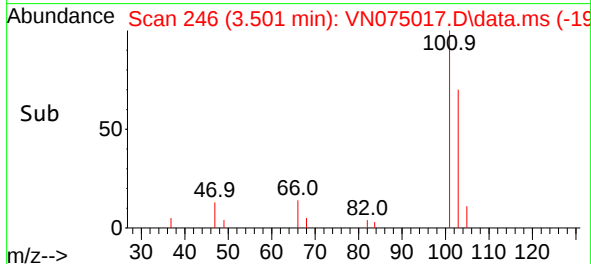
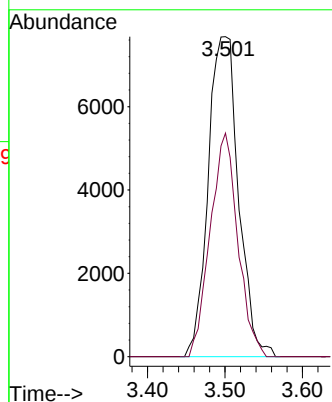
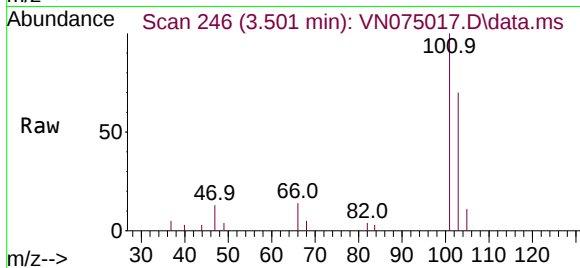
#7
Trichlorofluoromethane
Concen: 10.604 ug/l
RT: 3.501 min Scan# 244
Delta R.T. 0.012 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 20952
Ion Ratio Lower Upper
101 100
103 69.9 50.5 75.7

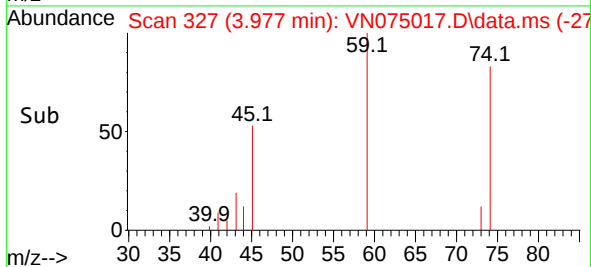
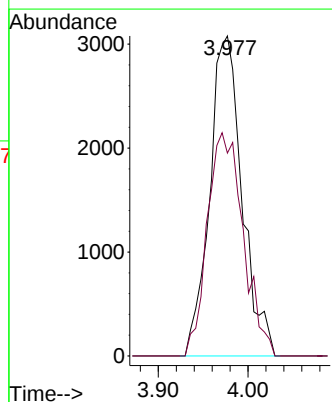
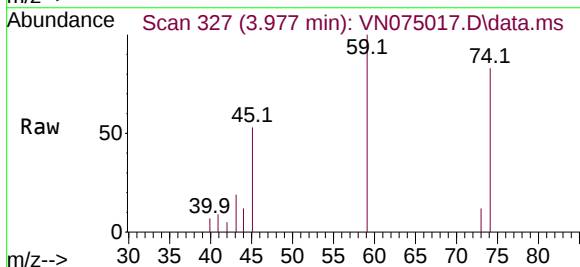
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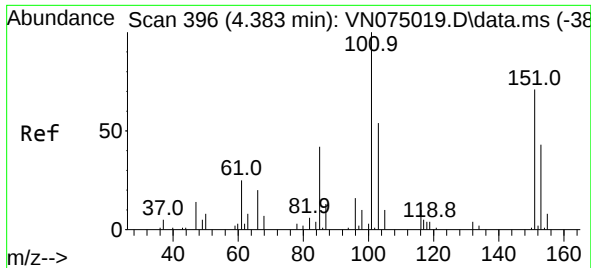
Reviewed By :John Carlone 10/27/2022
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#8
Diethyl Ether
Concen: 10.722 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

Tgt Ion: 74 Resp: 7727
Ion Ratio Lower Upper
74 100
45 77.2 39.3 117.9





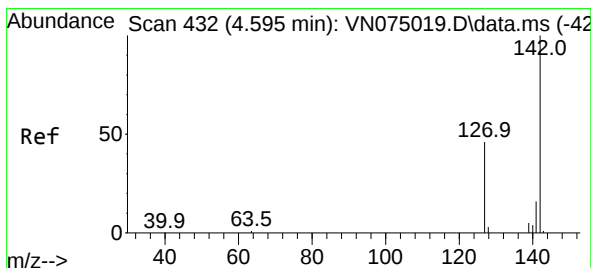
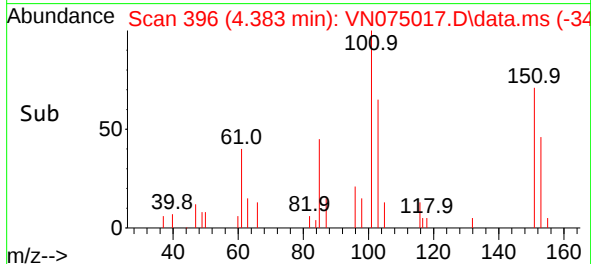
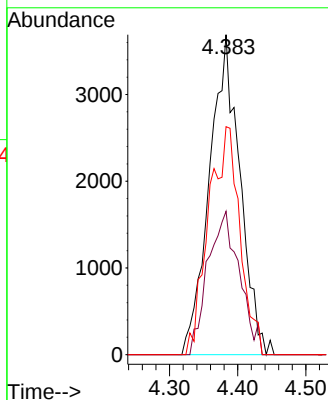
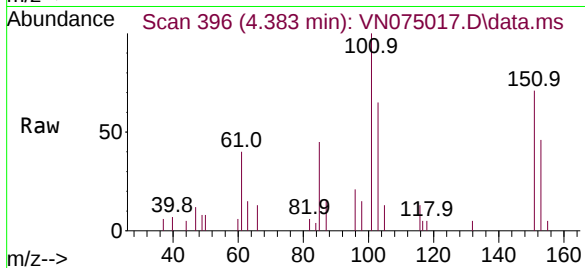
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.515 ug/l
RT: 4.383 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN075017.D
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Tgt Ion:101 Resp: 11474
Ion Ratio Lower Upper
101 100
85 46.3 37.6 56.4
151 73.0 58.3 87.5

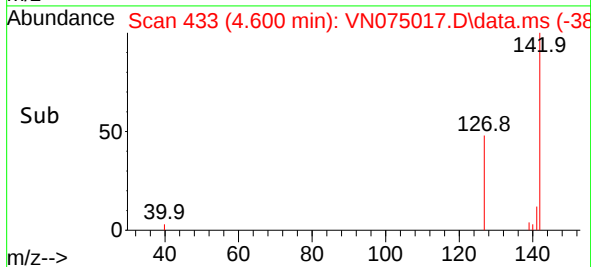
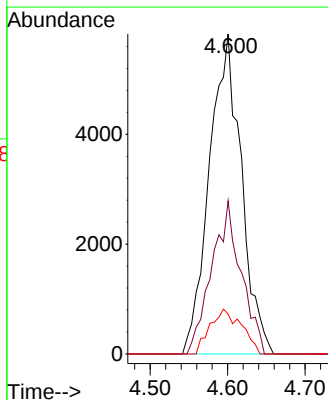
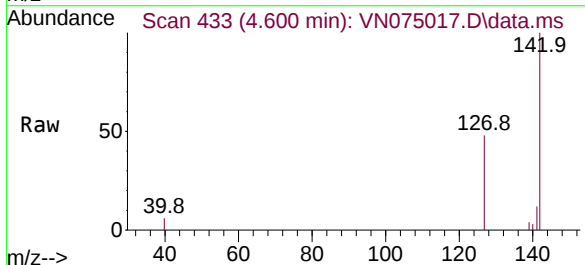
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#10
Methyl Iodide
Concen: 10.276 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.006 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

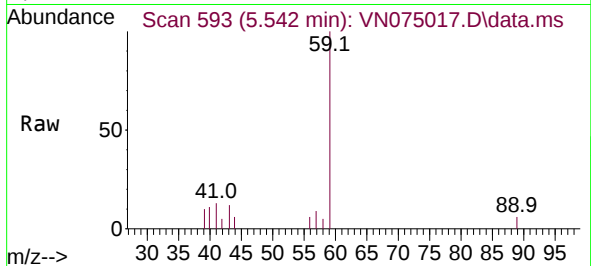
Tgt Ion:142 Resp: 16693
Ion Ratio Lower Upper
142 100
127 44.0 38.0 57.0
141 13.8 12.2 18.4





#11
Tert butyl alcohol
Concen: 50.742 ug/l
RT: 5.542 min Scan# 593
Delta R.T. 0.000 min
Lab File: VN075017.D
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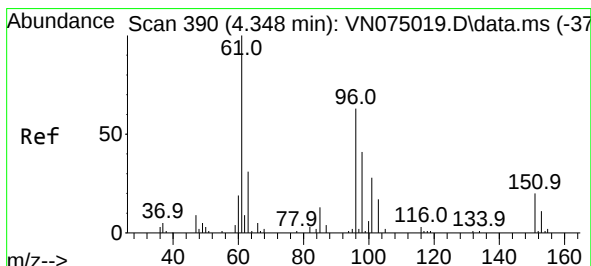
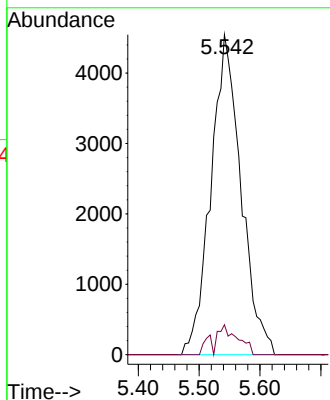
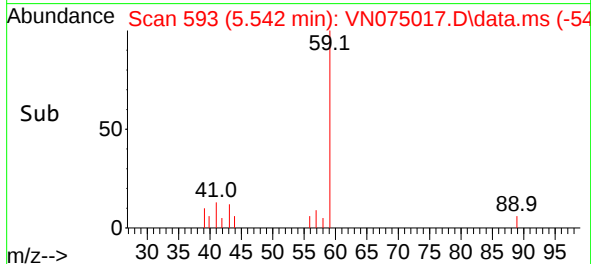
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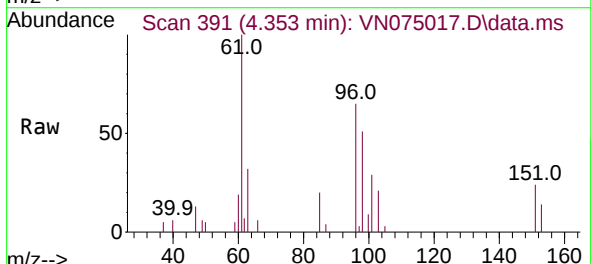
Tgt Ion: 59 Resp: 15644
Ion Ratio Lower Upper
59 100
57 6.0 8.5 12.7

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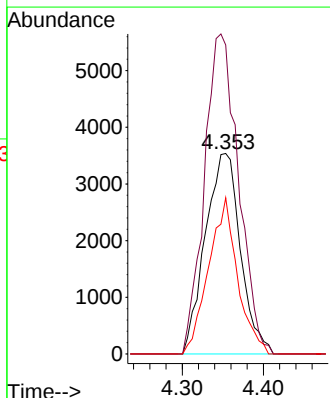
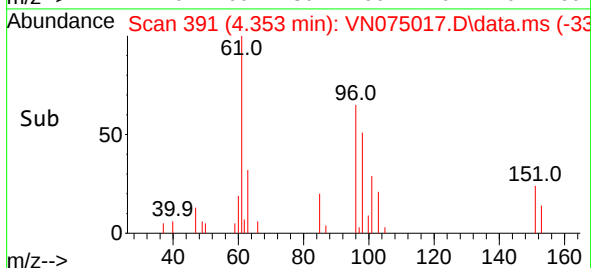
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#12
1,1-Dichloroethene
Concen: 10.221 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25



Tgt Ion: 96 Resp: 10631
Ion Ratio Lower Upper
96 100
61 154.1 126.2 189.4
98 77.9 51.5 77.3





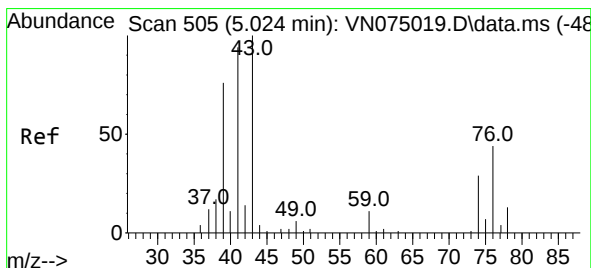
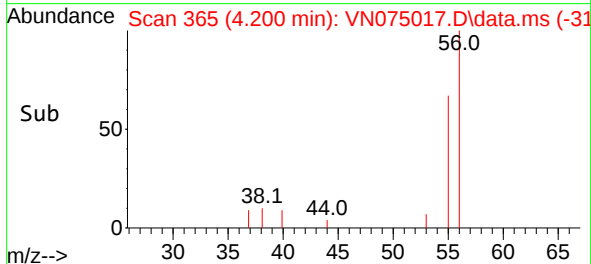
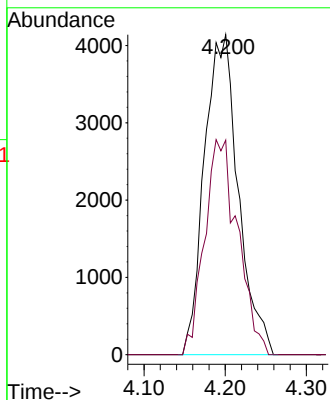
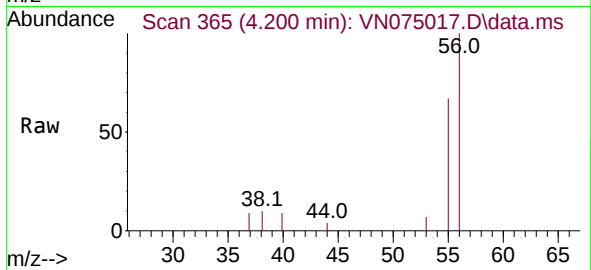
#13
Acrolein
Concen: 47.677 ug/l
RT: 4.200 min Scan# 30
Delta R.T. 0.012 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 56 Resp: 1202
Ion Ratio Lower Upper
56 100
55 66.1 55.2 82.8

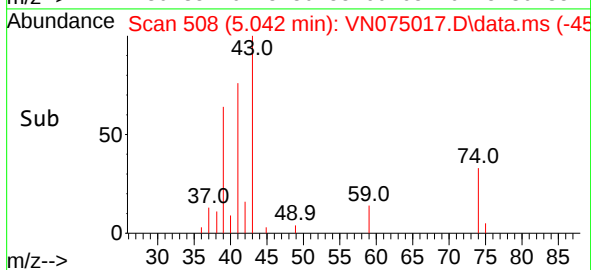
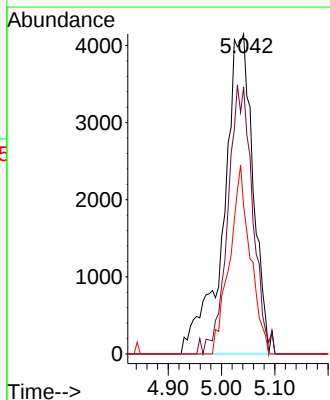
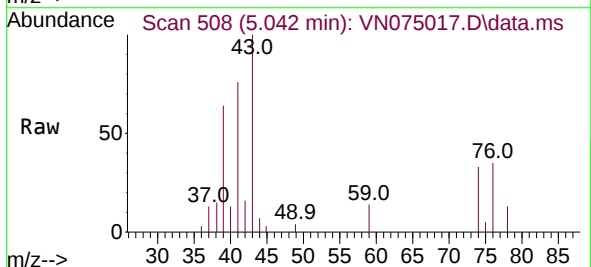
Manual Integrations
APPROVED

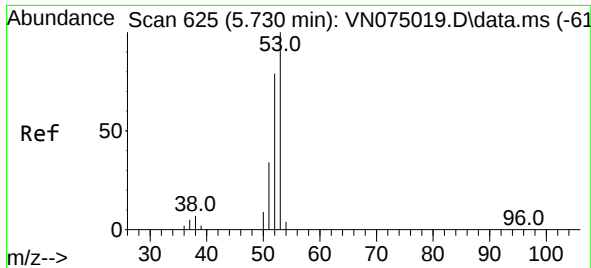
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#14
Allyl chloride
Concen: 10.542 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.018 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

Tgt Ion: 41 Resp: 16014
Ion Ratio Lower Upper
41 100
39 70.8 61.0 91.4
76 41.2 33.4 50.0





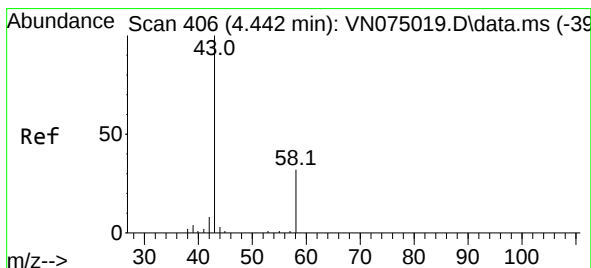
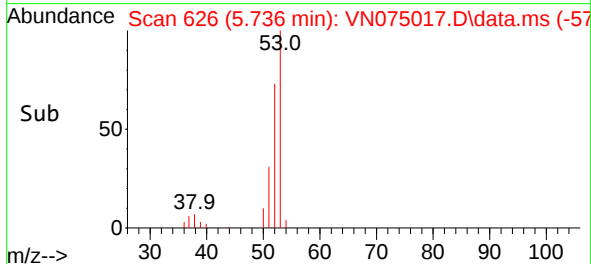
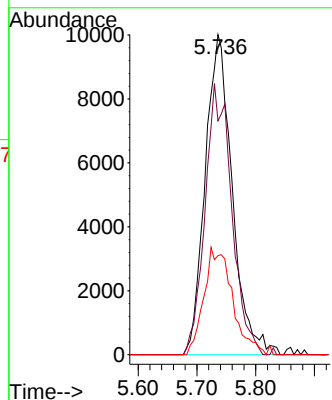
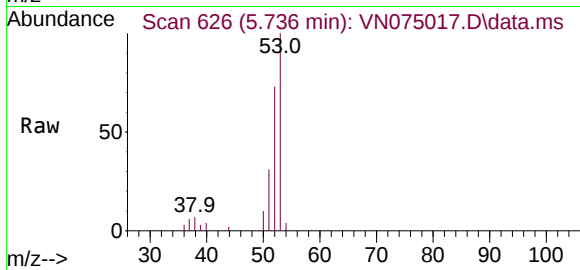
#15
Acrylonitrile
Concen: 49.219 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 53 Resp: 3205
Ion Ratio Lower Upper
53 100
52 83.1 66.4 99.6
51 35.2 29.6 44.4

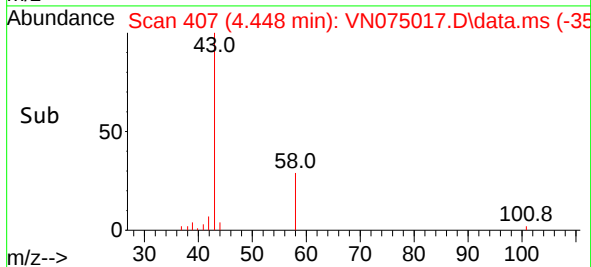
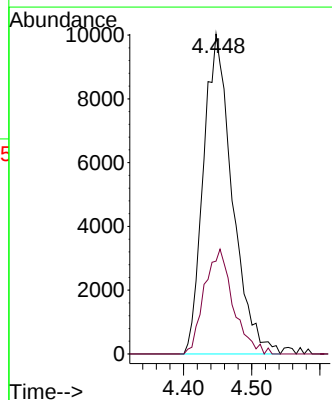
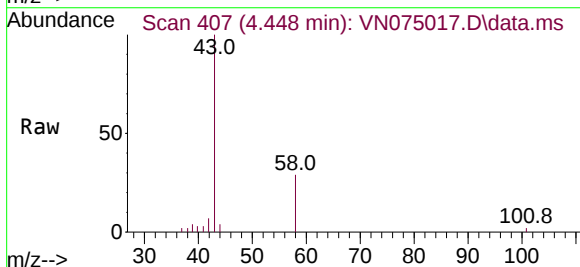
Manual Integrations
APPROVED

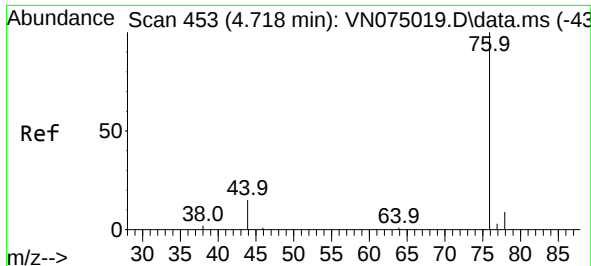
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#16
Acetone
Concen: 52.788 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

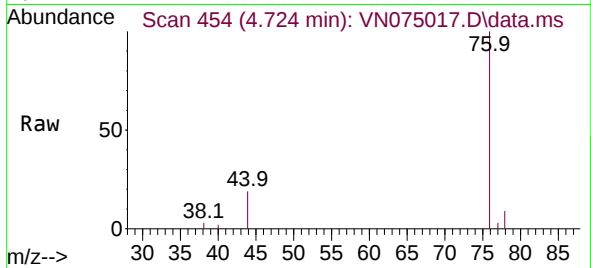
Tgt Ion: 43 Resp: 29550
Ion Ratio Lower Upper
43 100
58 29.0 25.5 38.3





#17
Carbon Disulfide
Concen: 9.999 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

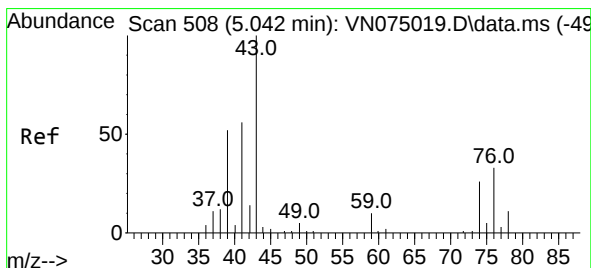
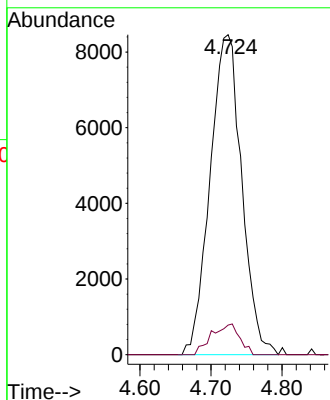
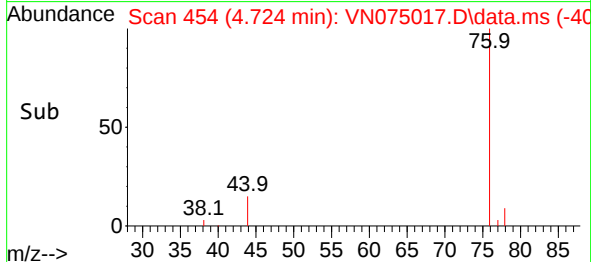
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 76 Resp: 2615
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

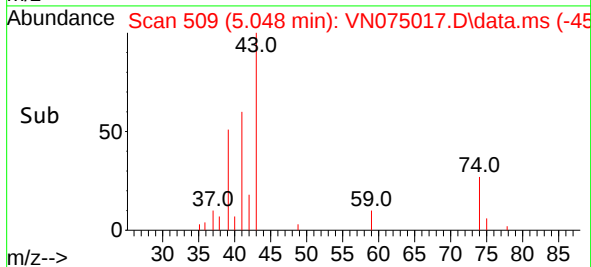
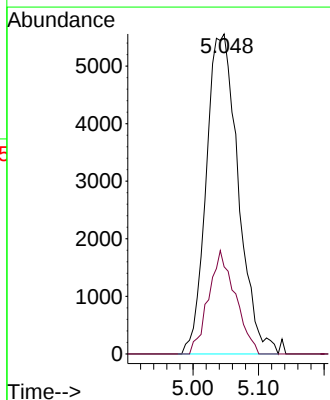
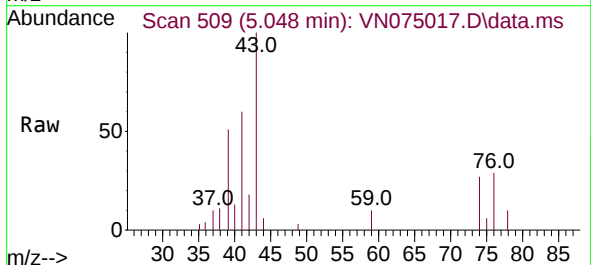
Manual Integrations
APPROVED

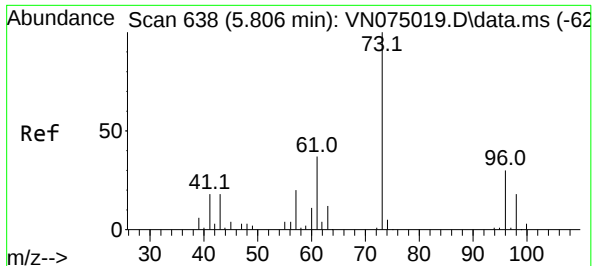
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#18
Methyl Acetate
Concen: 10.300 ug/l
RT: 5.048 min Scan# 509
Delta R.T. 0.006 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

Tgt Ion: 43 Resp: 18833
Ion Ratio Lower Upper
43 100
74 27.1 22.0 33.0





#19

Methyl tert-butyl Ether

Concen: 9.885 ug/l

RT: 5.818 min Scan# 64

Delta R.T. 0.012 min

Lab File: VN075017.D

Acq: 26 Oct 2022 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 73 Resp: 38214

Ion Ratio Lower Upper

73 100

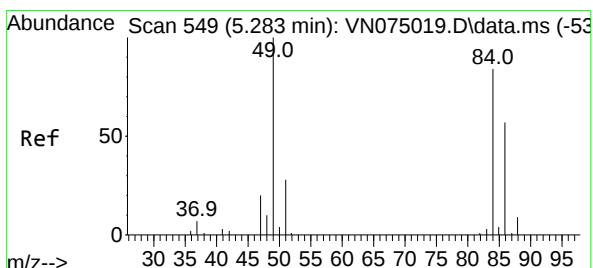
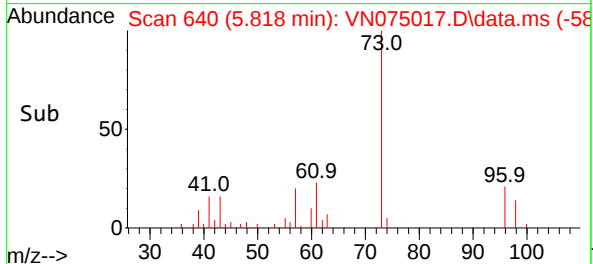
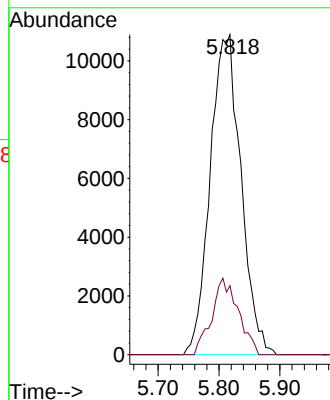
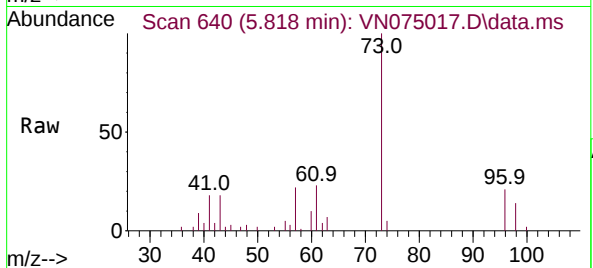
57 21.6 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#20

Methylene Chloride

Concen: 10.509 ug/l

RT: 5.277 min Scan# 548

Delta R.T. -0.006 min

Lab File: VN075017.D

Acq: 26 Oct 2022 11:25

Tgt Ion: 84 Resp: 13117

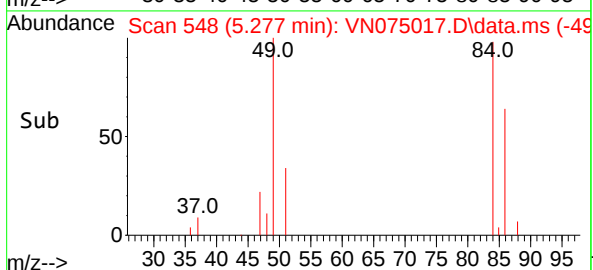
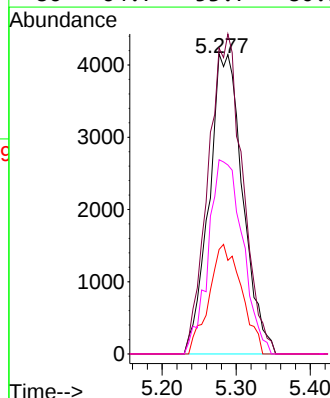
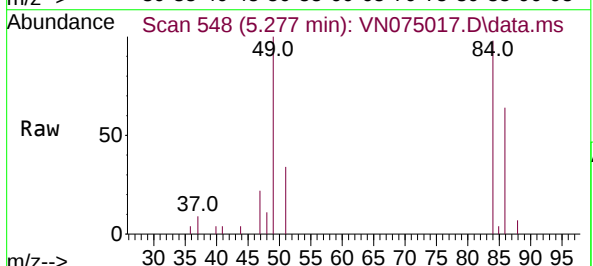
Ion Ratio Lower Upper

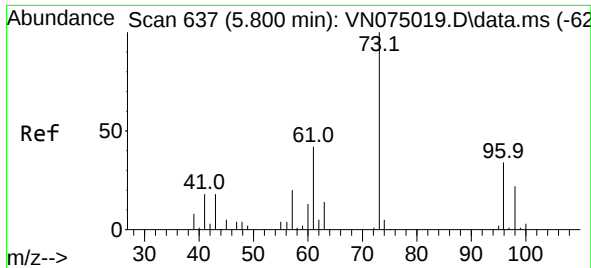
84 100

49 101.9 94.9 142.3

51 34.8 26.8 40.2

86 64.7 53.7 80.5





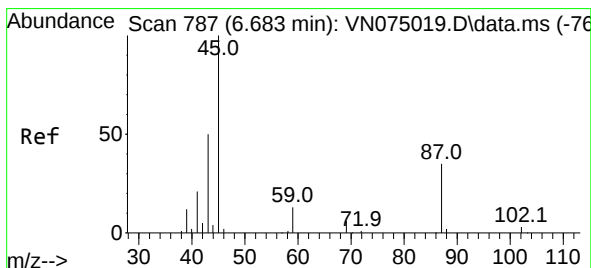
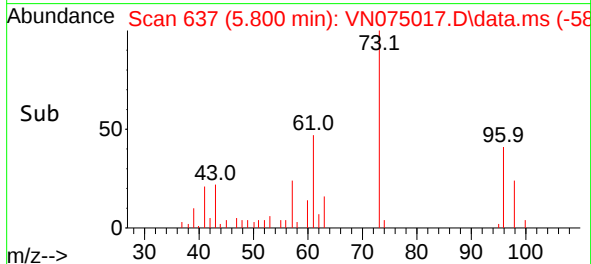
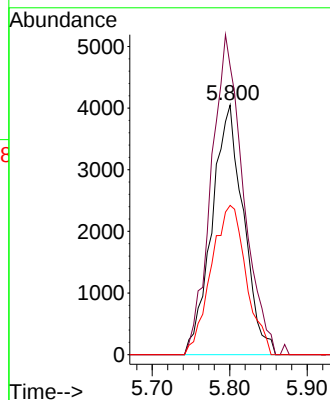
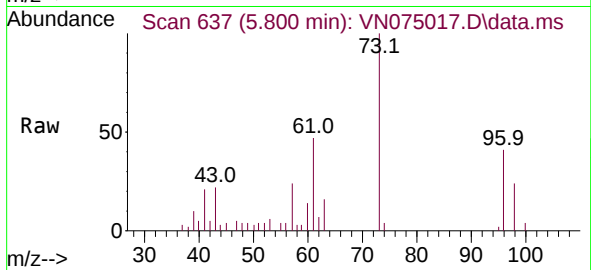
#21
trans-1,2-Dichloroethene
Concen: 10.069 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 96 Resp: 1146
Ion Ratio Lower Upper
96 100
61 115.7 99.9 149.9
98 59.8 51.5 77.3

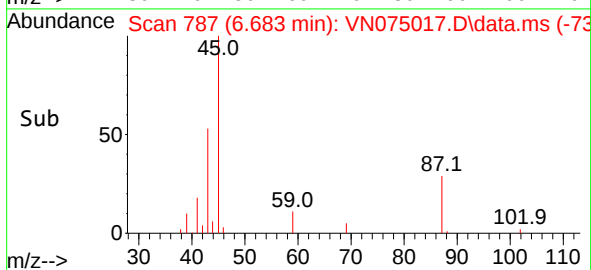
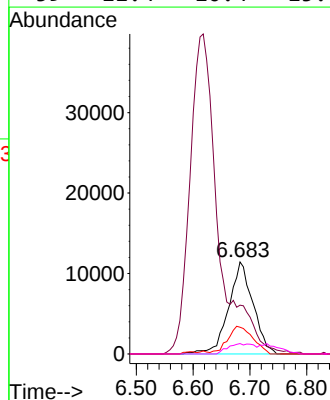
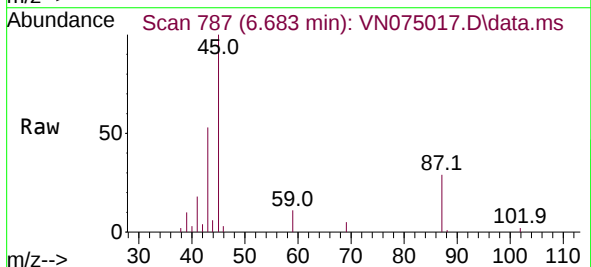
Manual Integrations
APPROVED

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



#22
Diisopropyl ether
Concen: 10.170 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

Tgt Ion: 45 Resp: 34093
Ion Ratio Lower Upper
45 100
43 49.5 42.8 64.2
87 29.0 28.4 42.6
59 11.4 10.4 15.6





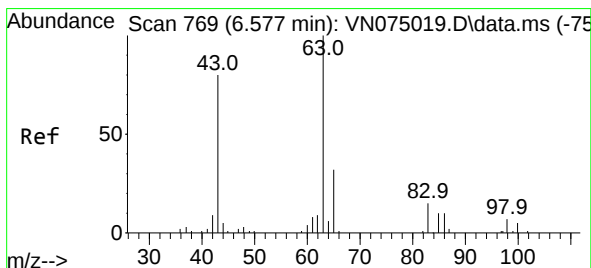
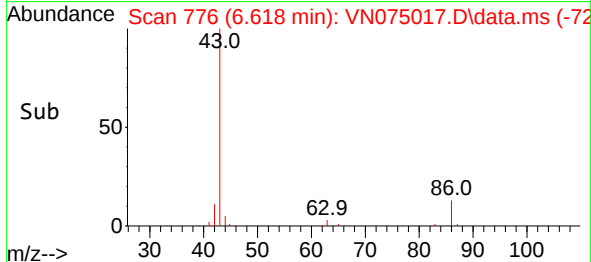
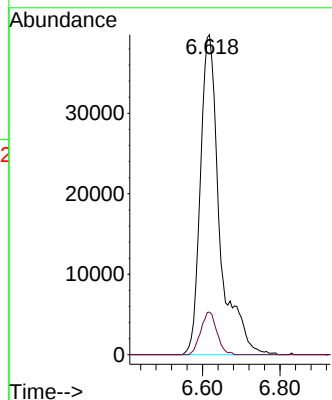
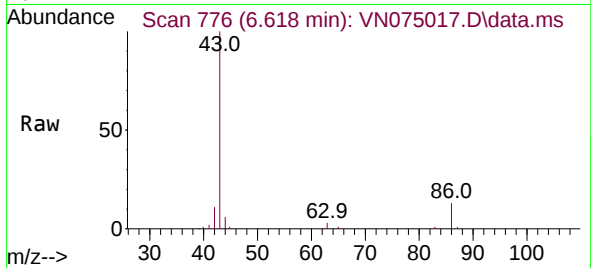
#23
 Vinyl Acetate
 Concen: 52.883 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN075017.D
 Acq: 26 Oct 2022 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 43 Resp: 13770
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.7 16.1

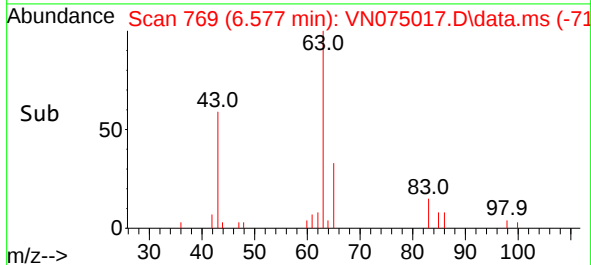
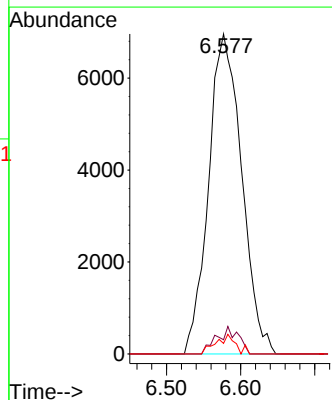
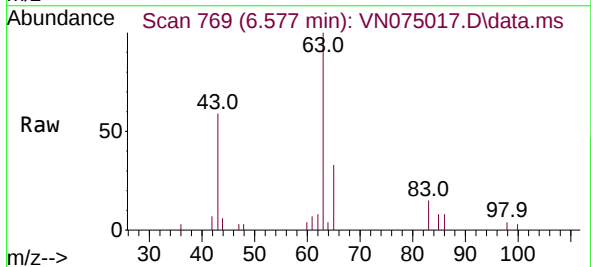
Manual Integrations
 APPROVED

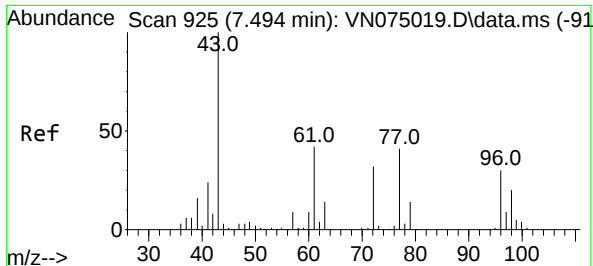
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#24
 1,1-Dichloroethane
 Concen: 10.184 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075017.D
 Acq: 26 Oct 2022 11:25

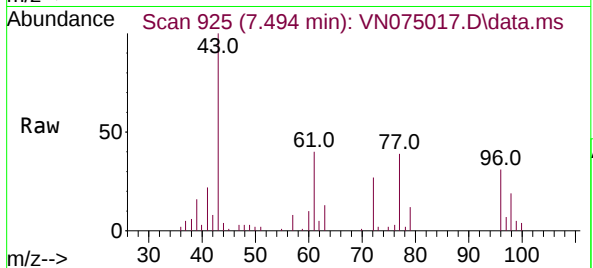
Tgt Ion: 63 Resp: 21593
 Ion Ratio Lower Upper
 63 100
 98 4.4 3.6 10.8
 100 3.3 2.4 7.2





#25
2-Butanone
Concen: 50.007 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

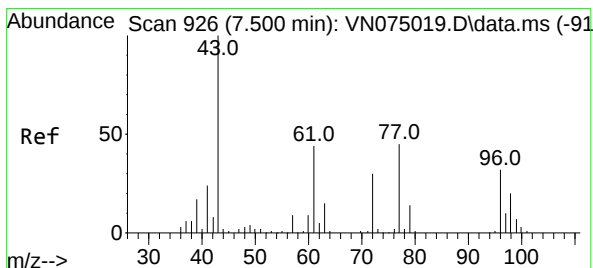
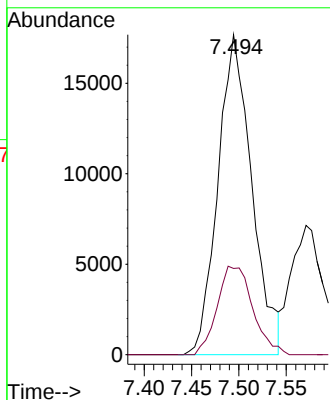
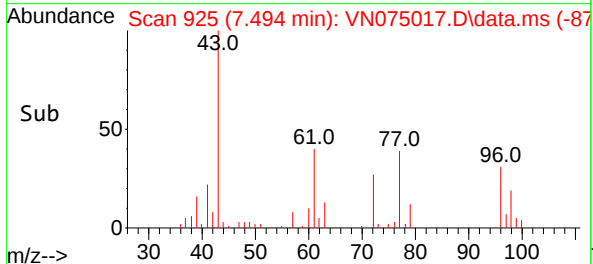
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



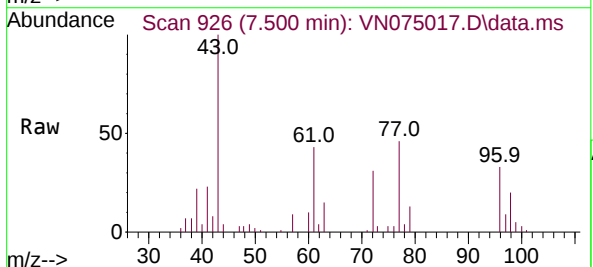
Tgt Ion: 43 Resp: 4403
Ion Ratio Lower Upper
43 100
72 26.9 25.5 38.3

Manual Integrations
APPROVED

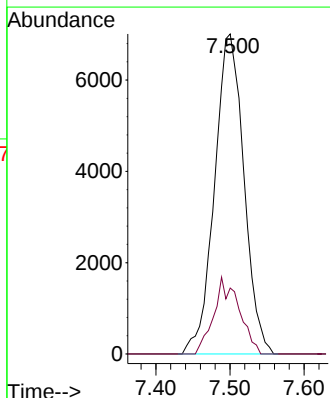
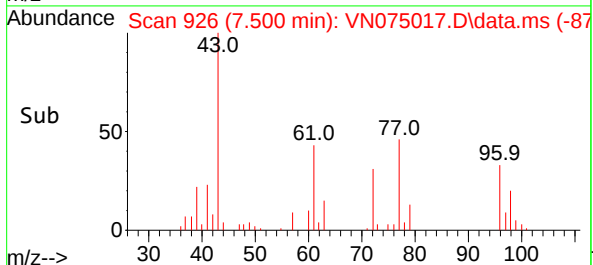
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

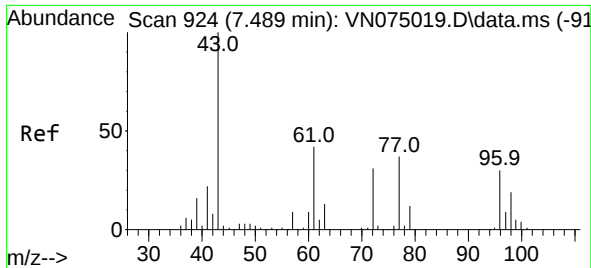


#26
2,2-Dichloropropane
Concen: 9.892 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25



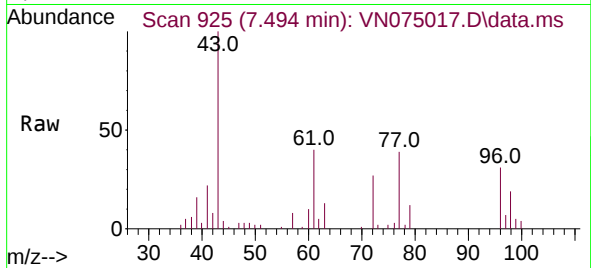
Tgt Ion: 77 Resp: 19295
Ion Ratio Lower Upper
77 100
97 20.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 10.356 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN075017.D
 Acq: 26 Oct 2022 11:25

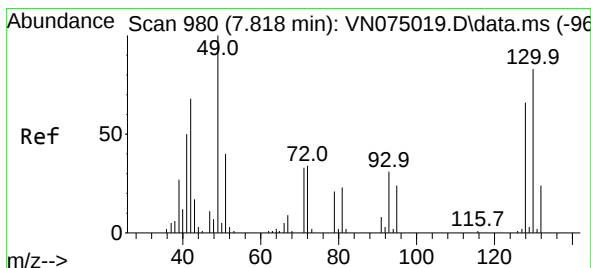
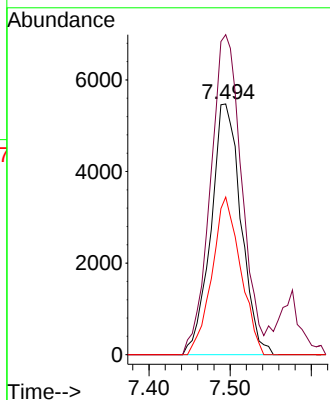
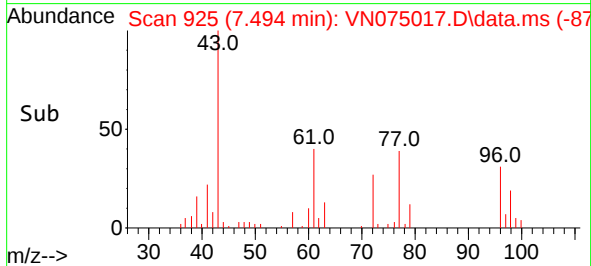
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 96 Resp: 14084
 Ion Ratio Lower Upper
 96 100
 61 132.8 0.0 278.8
 98 59.8 0.0 128.4

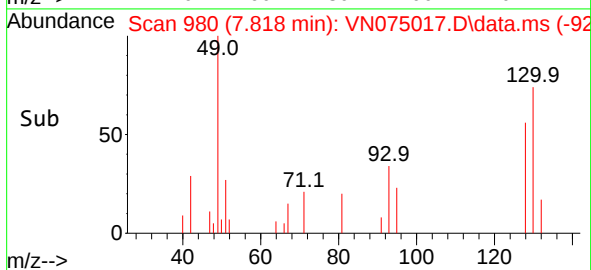
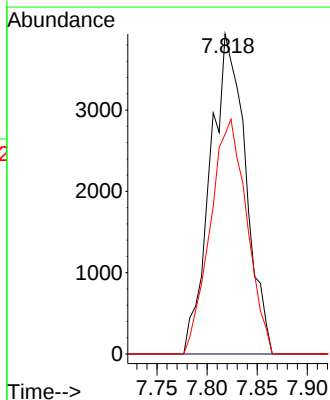
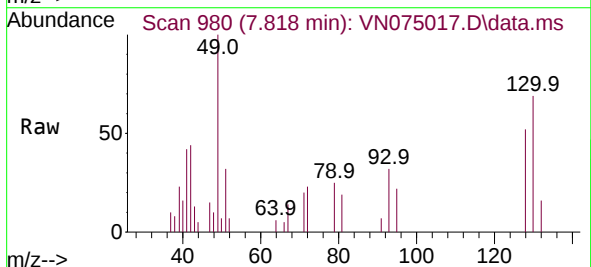
Manual Integrations
 APPROVED

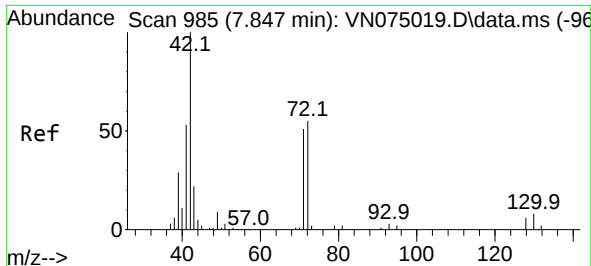
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#28
 Bromochloromethane
 Concen: 10.786 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. 0.000 min
 Lab File: VN075017.D
 Acq: 26 Oct 2022 11:25

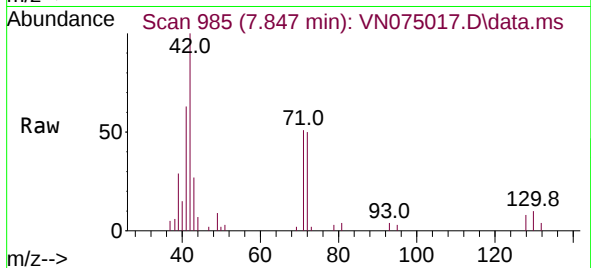
Tgt Ion: 49 Resp: 9640
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 75.9 66.2 99.4





#29
Tetrahydrofuran
Concen: 49.021 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

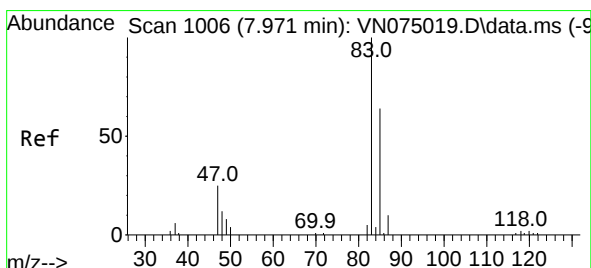
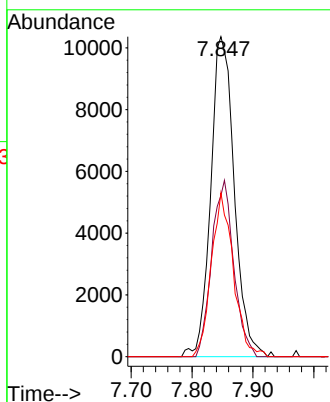
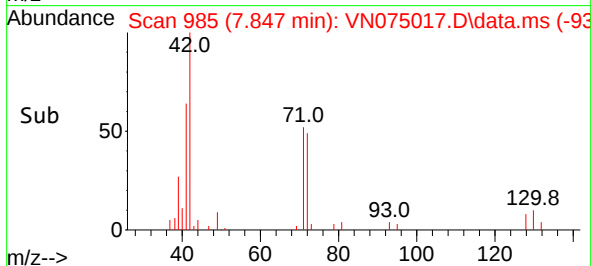
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



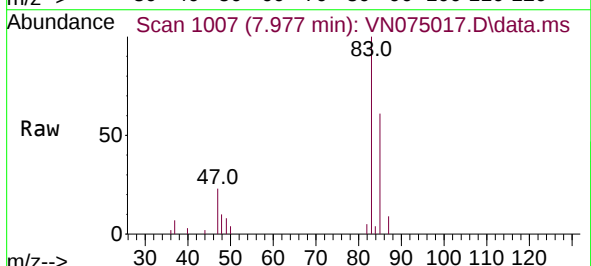
Tgt Ion: 42 Resp: 2789
Ion Ratio Lower Upper
42 100
72 51.4 43.0 64.6
71 47.8 39.9 59.9

Manual Integrations
APPROVED

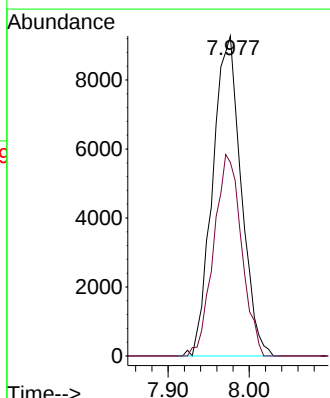
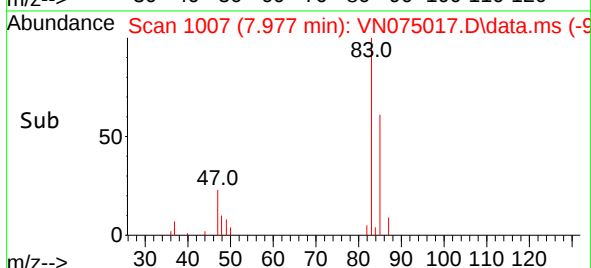
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

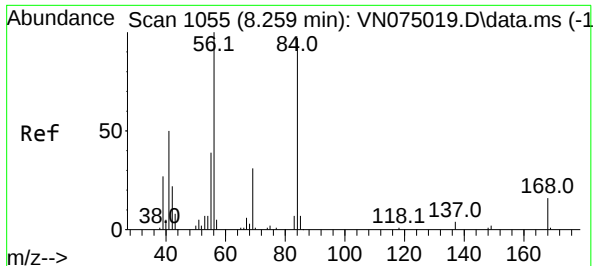


#30
Chloroform
Concen: 9.837 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25



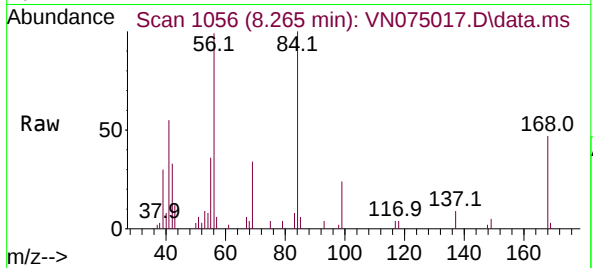
Tgt Ion: 83 Resp: 22644
Ion Ratio Lower Upper
83 100
85 60.5 51.4 77.0





#31
Cyclohexane
Concen: 10.530 ug/l
RT: 8.265 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

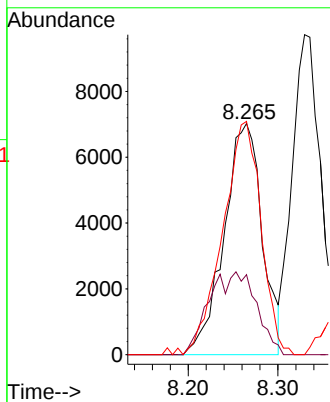
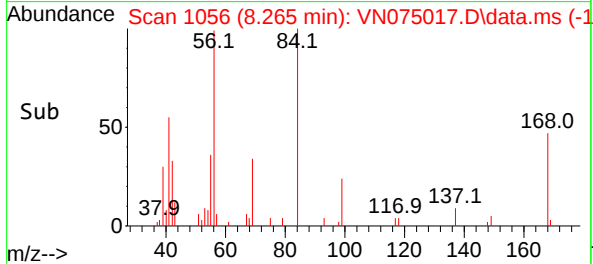
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC010



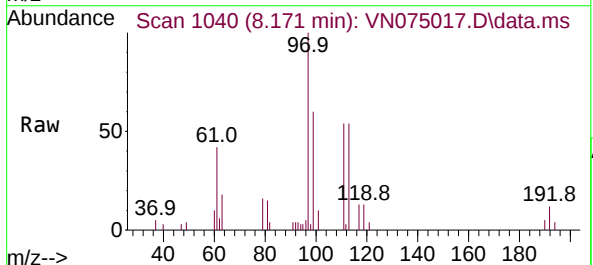
Tgt Ion: 56 Resp: 20704
Ion Ratio Lower Upper
56 100
69 34.6 25.2 37.8
84 98.1 77.8 116.8

Manual Integrations
APPROVED

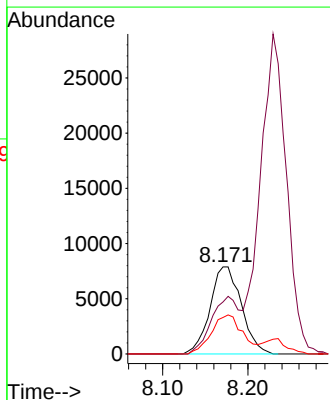
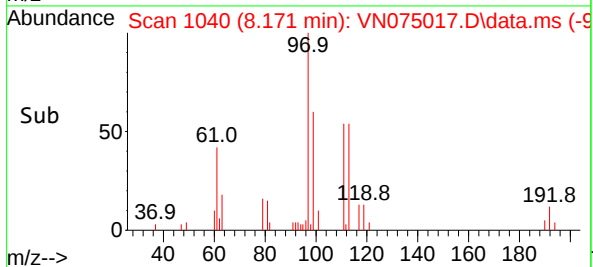
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#32
1,1,1-Trichloroethane
Concen: 9.630 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25



Tgt Ion: 97 Resp: 20131
Ion Ratio Lower Upper
97 100
99 61.7 50.2 75.2
61 45.1 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 10.318 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VN075017.D

Acq: 26 Oct 2022 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 1364

Ion Ratio Lower Upper

65 100

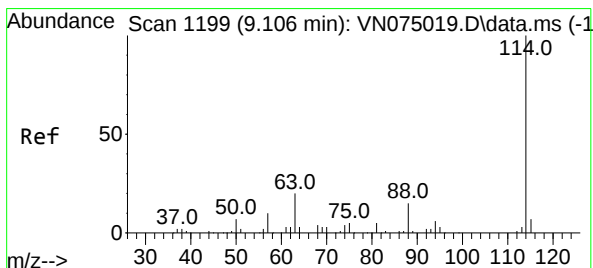
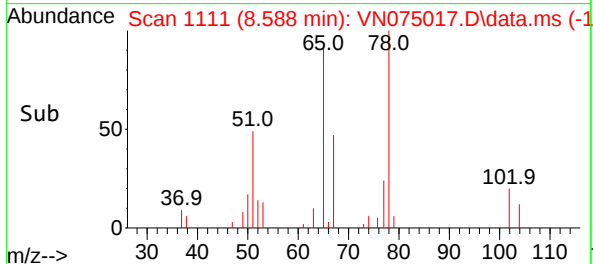
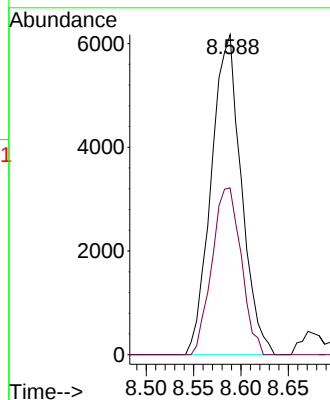
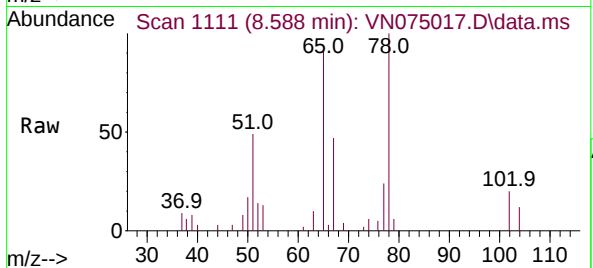
67 50.6 0.0 102.0

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: VN075017.D

Acq: 26 Oct 2022 11:25

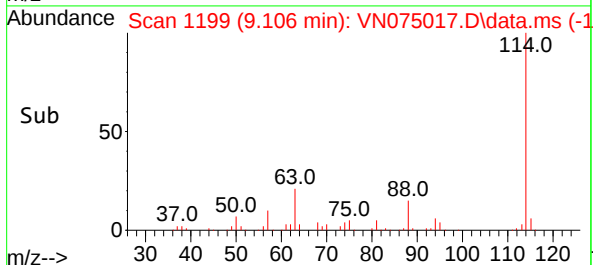
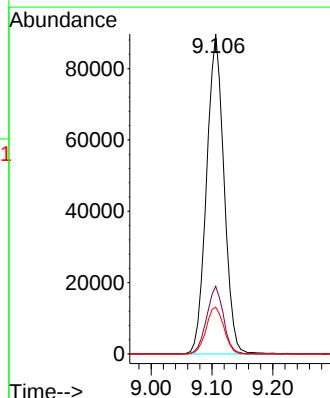
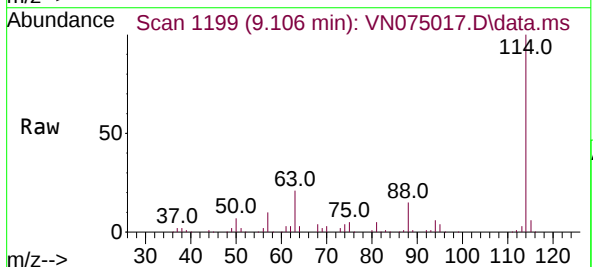
Tgt Ion:114 Resp: 178366

Ion Ratio Lower Upper

114 100

63 21.2 0.0 39.6

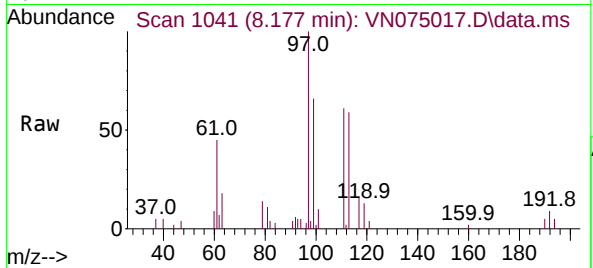
88 14.6 0.0 29.0





#35
Dibromofluoromethane
Concen: 10.402 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

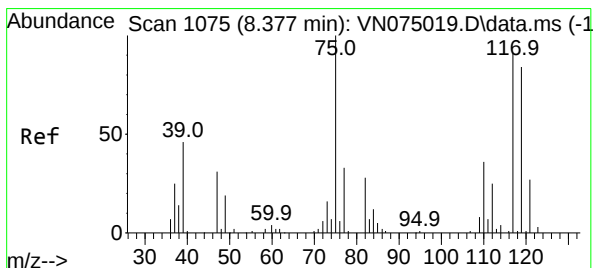
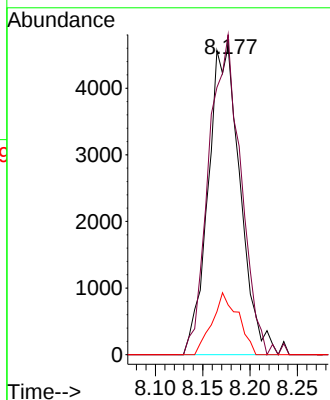
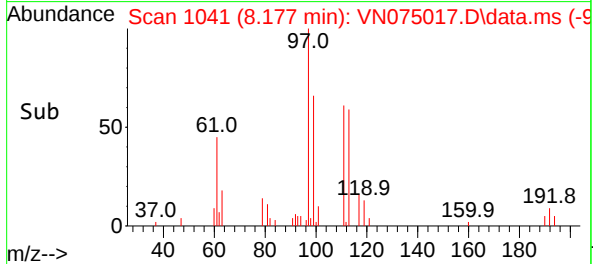
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



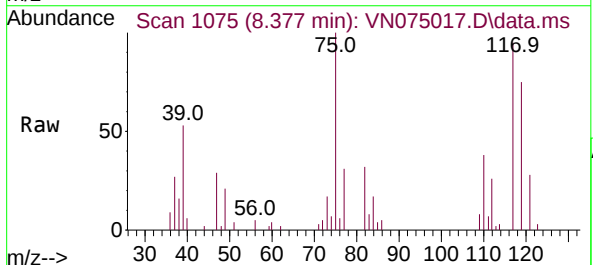
Tgt Ion:113 Resp: 1089
Ion Ratio Lower Upper
113 100
111 103.8 80.5 120.7
192 16.4 13.2 19.8

Manual Integrations
APPROVED

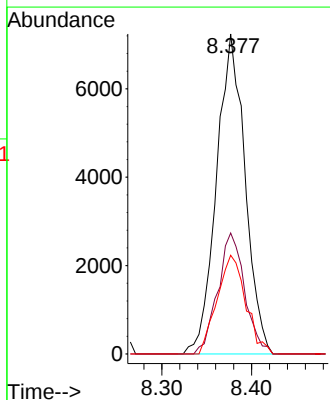
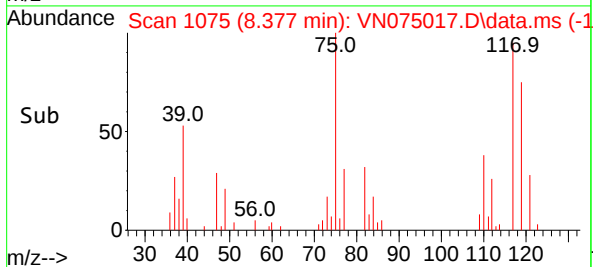
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#36
1,1-Dichloropropene
Concen: 9.859 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25



Tgt Ion: 75 Resp: 15983
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.3
77 30.9 24.6 37.0





#37

Ethyl Acetate

Concen: 9.963 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075017.D

Acq: 26 Oct 2022 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

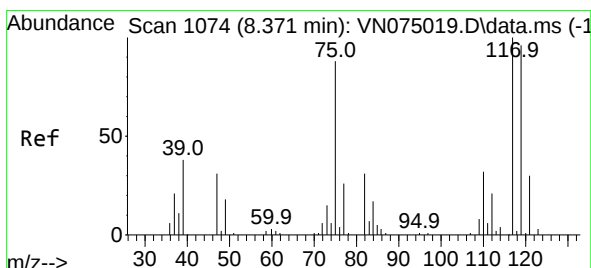
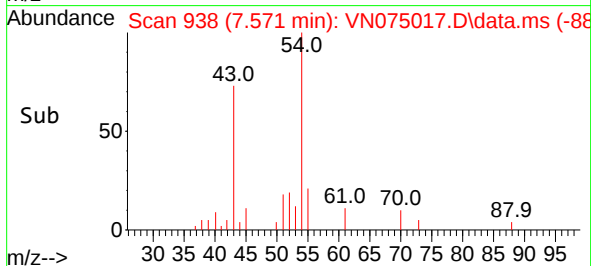
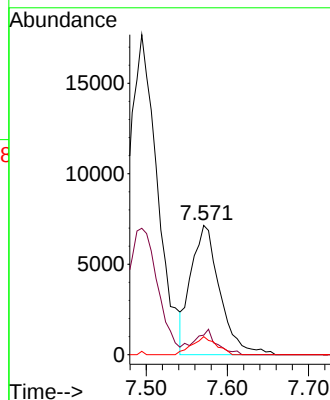
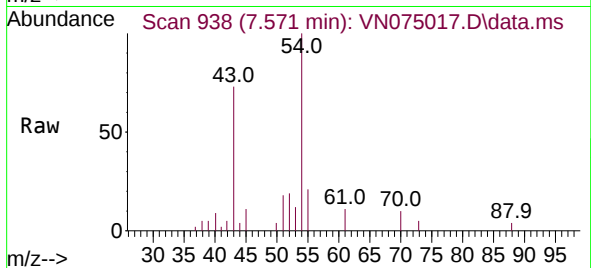
Tgt Ion:	43	Resp:	1771
Ion	Ratio	Lower	Upper
43	100		
61	12.8	12.2	18.4
70	11.6	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#38

Carbon Tetrachloride

Concen: 9.670 ug/l

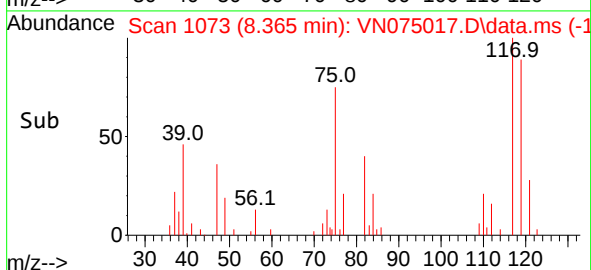
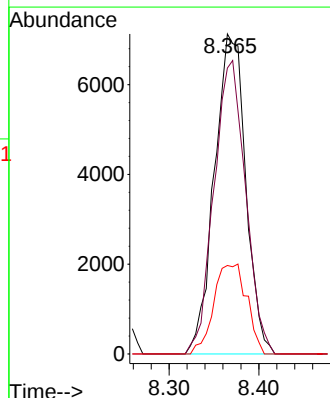
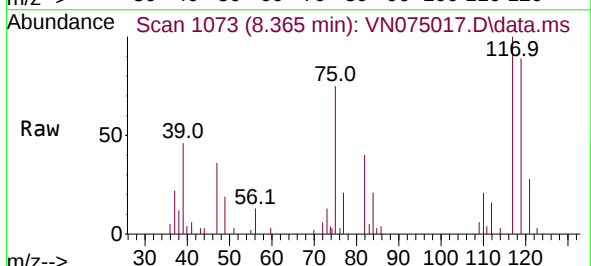
RT: 8.365 min Scan# 1073

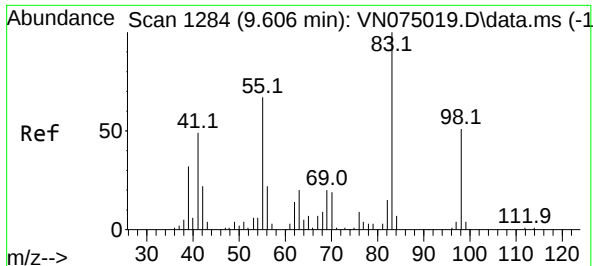
Delta R.T. -0.006 min

Lab File: VN075017.D

Acq: 26 Oct 2022 11:25

Tgt Ion:	117	Resp:	17244
Ion	Ratio	Lower	Upper
117	100		
119	89.3	76.7	115.1
121	27.6	23.9	35.9





#39

Methylcyclohexane

Concen: 9.684 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075017.D

Acq: 26 Oct 2022 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 83 Resp: 20724

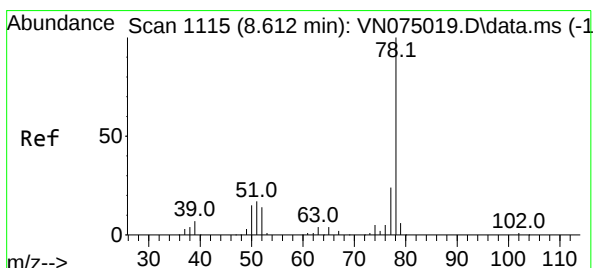
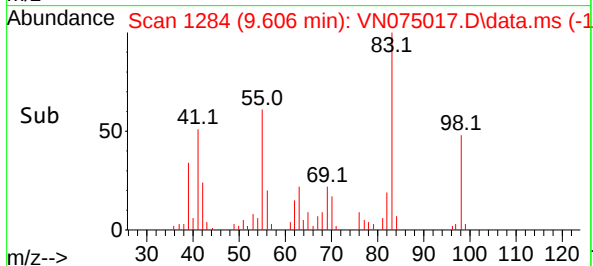
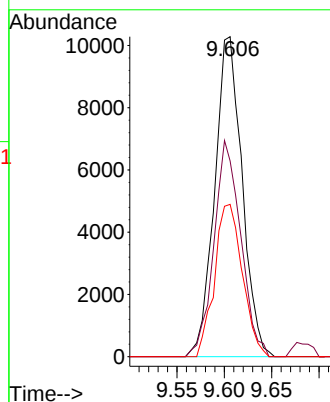
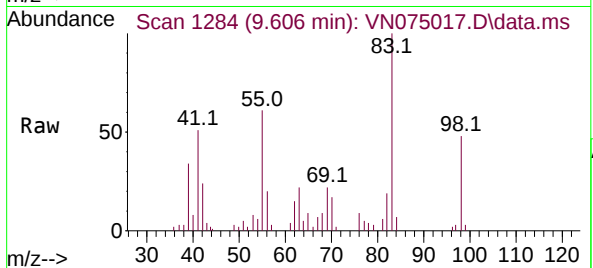
Ion	Ratio	Lower	Upper
83	100		
55	61.1	53.6	80.4
98	47.6	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#40

Benzene

Concen: 9.848 ug/l

RT: 8.612 min Scan# 1115

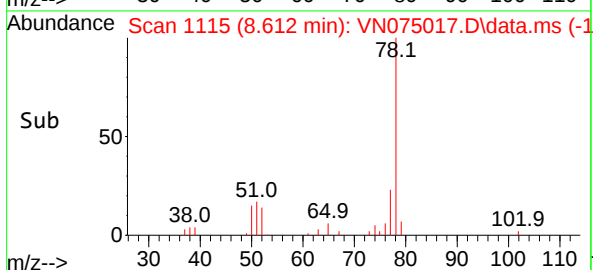
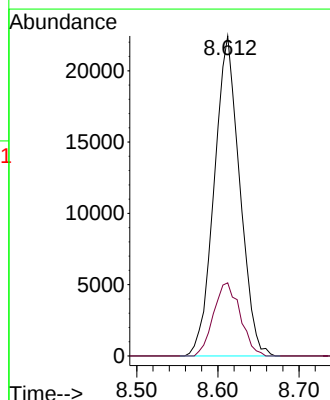
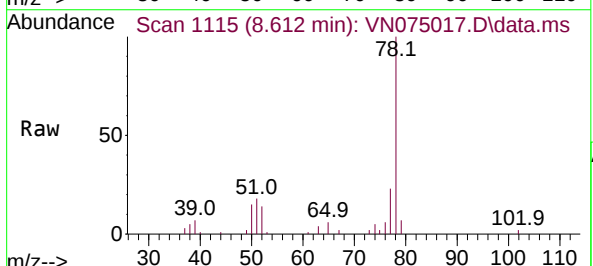
Delta R.T. 0.000 min

Lab File: VN075017.D

Acq: 26 Oct 2022 11:25

Tgt Ion: 78 Resp: 48880

Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.4	29.0





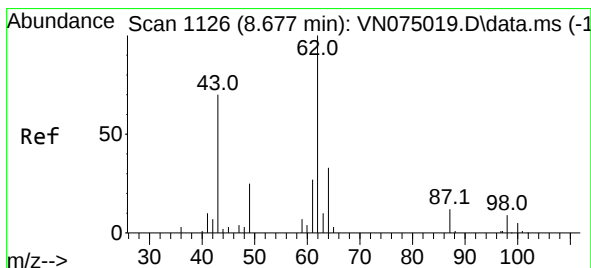
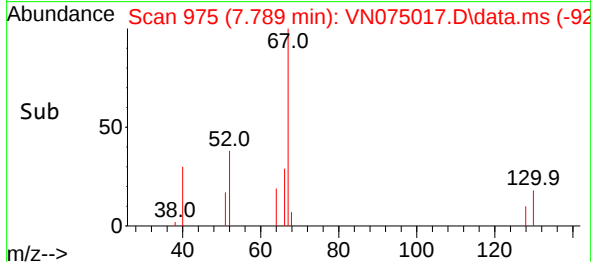
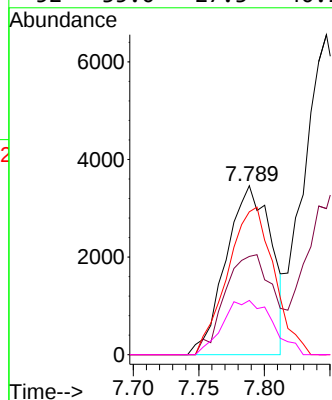
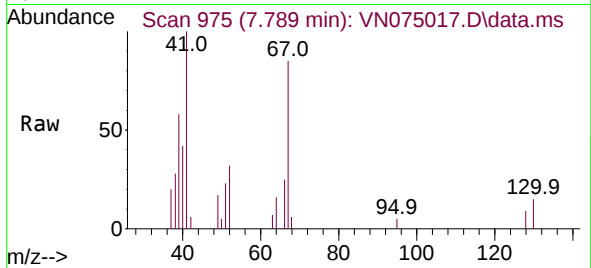
#41
Methacrylonitrile
Concen: 9.819 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 41 Resp: 836
Ion Ratio Lower Upper
41 100
39 64.9 44.4 66.6
67 88.8 69.8 104.6
52 35.0 27.3 40.9

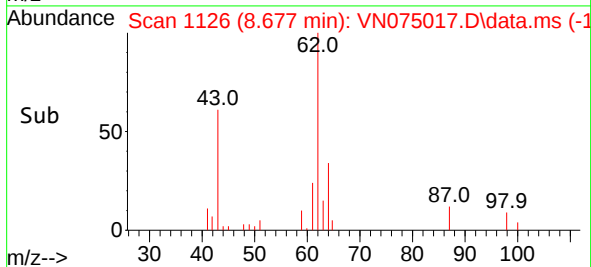
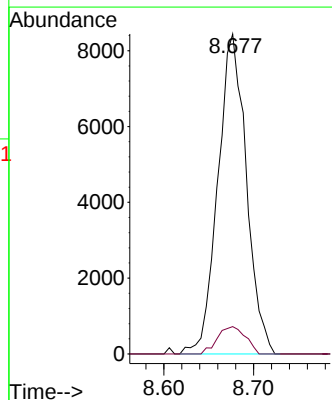
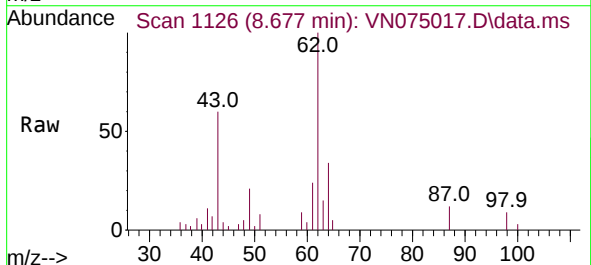
Manual Integrations
APPROVED

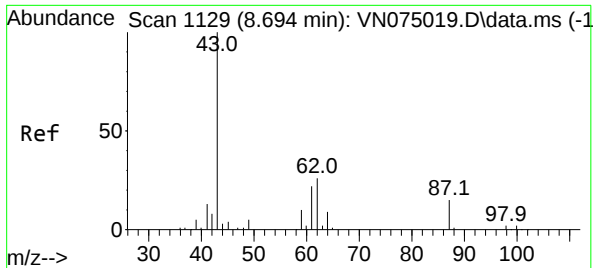
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#42
1,2-Dichloroethane
Concen: 10.307 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

Tgt Ion: 62 Resp: 18612
Ion Ratio Lower Upper
62 100
98 8.4 0.0 18.2





#43

Isopropyl Acetate

Concen: 9.645 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN075017.D

Acq: 26 Oct 2022 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

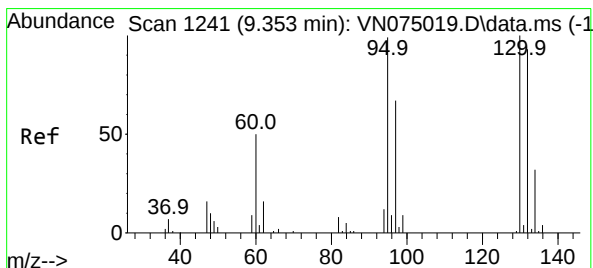
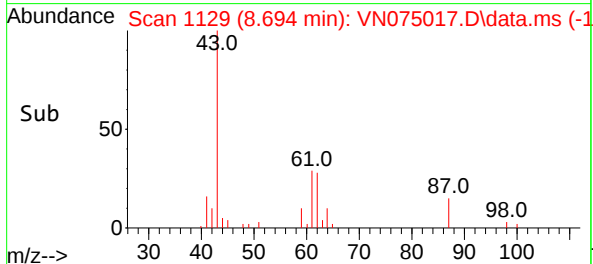
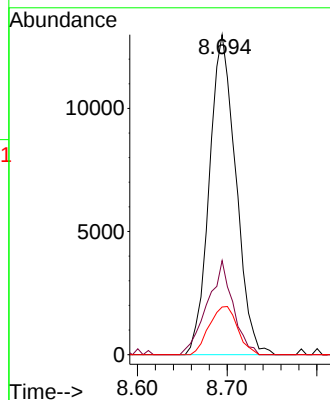
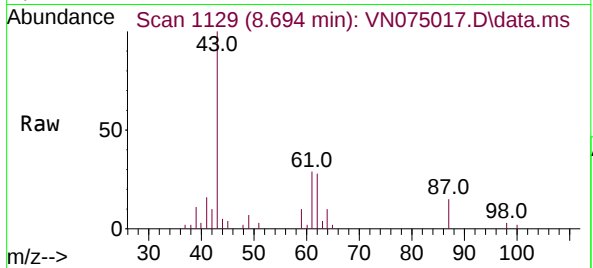
Tgt Ion: 43	Resp: 26598
Ion Ratio	Lower Upper
43 100	
61 28.6	22.4 33.6
87 16.1	12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#44

Trichloroethene

Concen: 9.780 ug/l

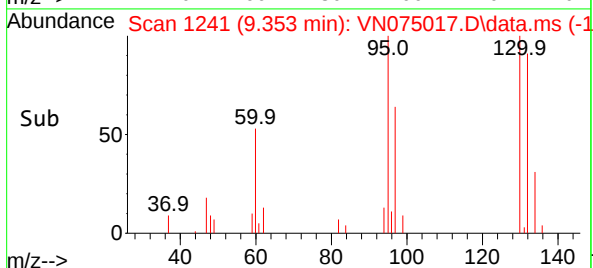
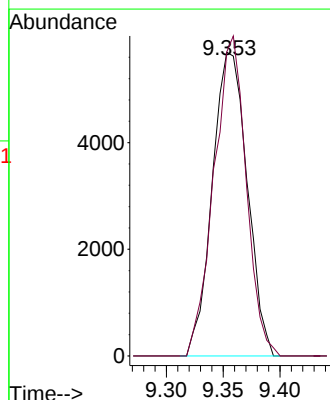
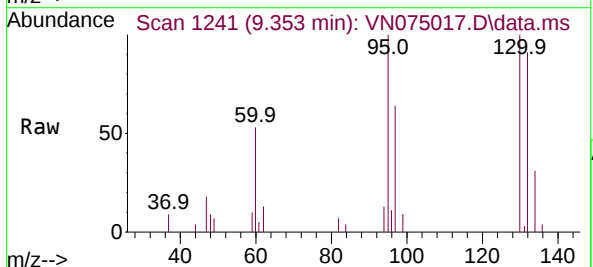
RT: 9.353 min Scan# 1241

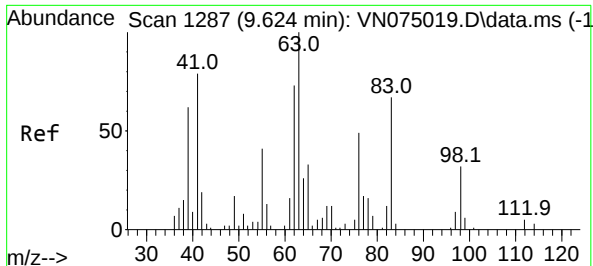
Delta R.T. 0.000 min

Lab File: VN075017.D

Acq: 26 Oct 2022 11:25

Tgt Ion:130	Resp: 12179
Ion Ratio	Lower Upper
130 100	
95 100.1	0.0 198.4





#45

1,2-Dichloropropane

Concen: 10.117 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075017.D

Acq: 26 Oct 2022 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 1195

Ion Ratio Lower Upper

63 100

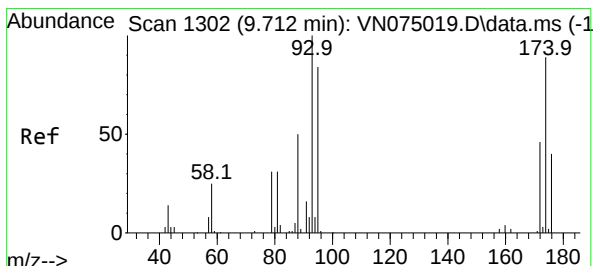
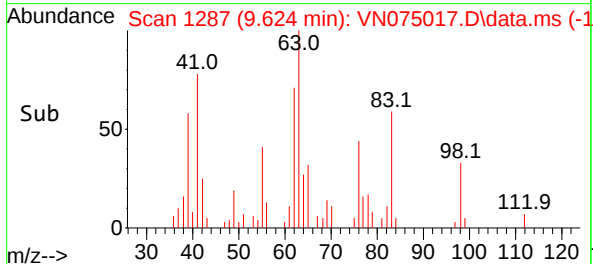
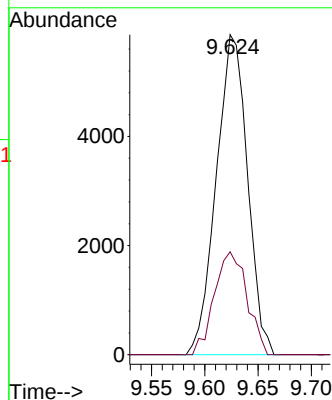
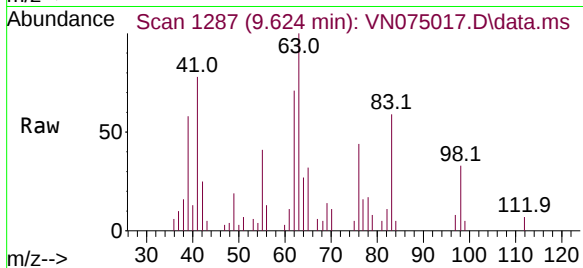
65 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#46

Dibromomethane

Concen: 9.776 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075017.D

Acq: 26 Oct 2022 11:25

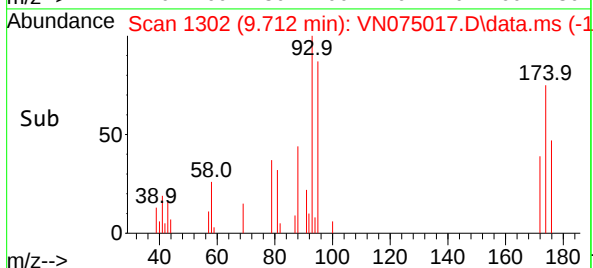
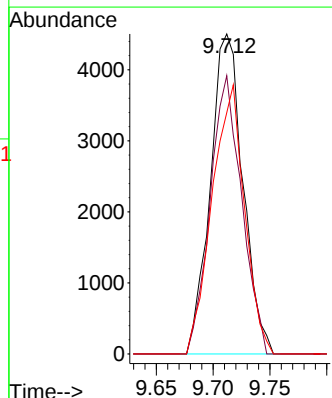
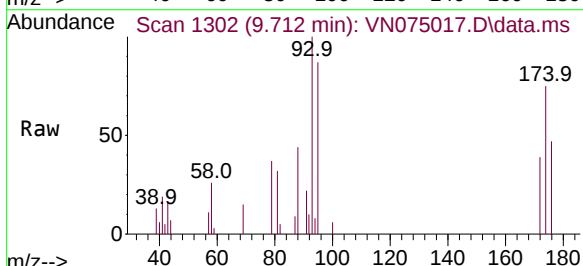
Tgt Ion: 93 Resp: 8997

Ion Ratio Lower Upper

93 100

95 84.0 66.6 99.8

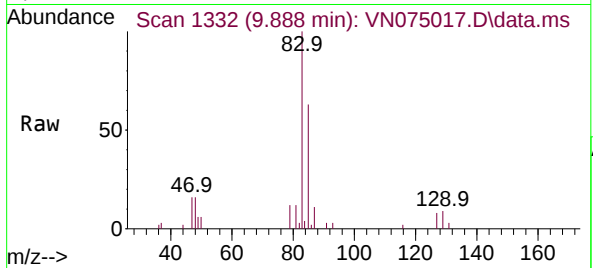
174 83.6 70.3 105.5





#47
Bromodichloromethane
Concen: 9.784 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

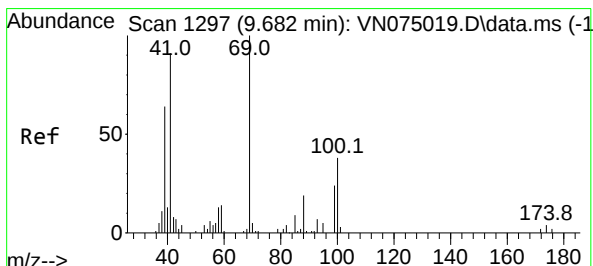
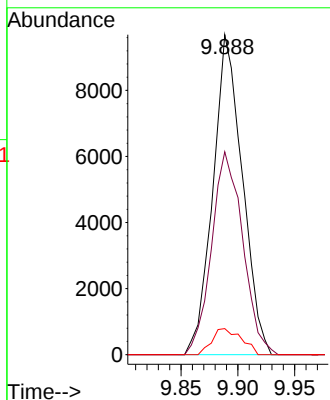
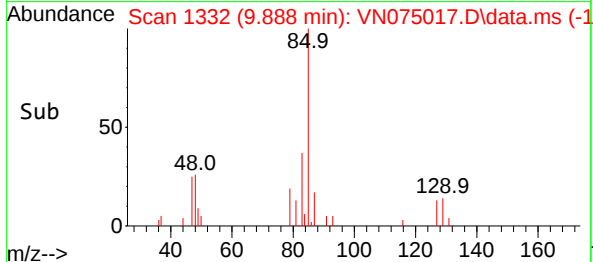
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



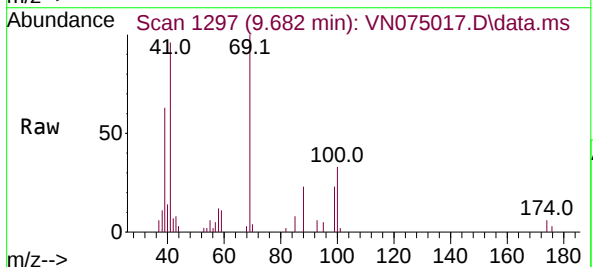
Tgt Ion: 83 Resp: 1743
Ion Ratio Lower Upper
83 100
85 63.4 52.1 78.1
127 8.1 6.6 10.0

Manual Integrations
APPROVED

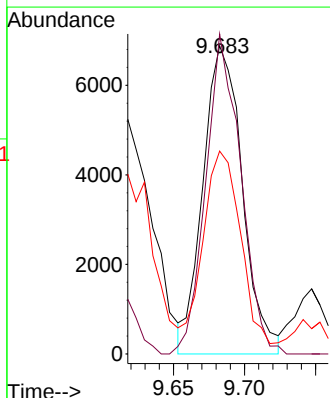
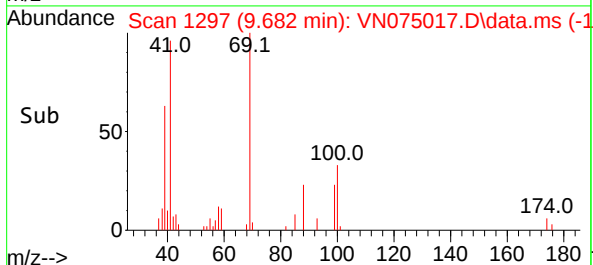
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

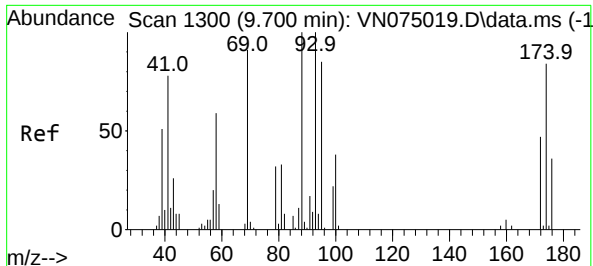


#48
Methyl methacrylate
Concen: 10.489 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25



Tgt Ion: 41 Resp: 13268
Ion Ratio Lower Upper
41 100
69 92.3 80.2 120.2
39 65.2 56.2 84.2





#49

1,4-Dioxane

Concen: 186.115 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075017.D

Acq: 26 Oct 2022 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 88 Resp: 616

Ion Ratio Lower Upper

88 100

43 0.0 17.5 26.3

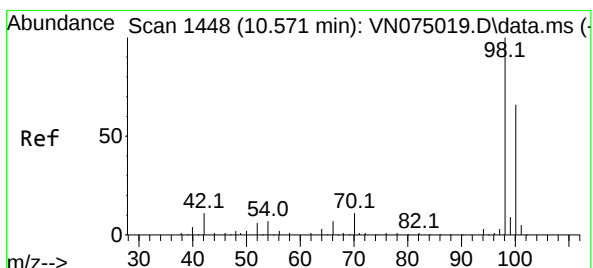
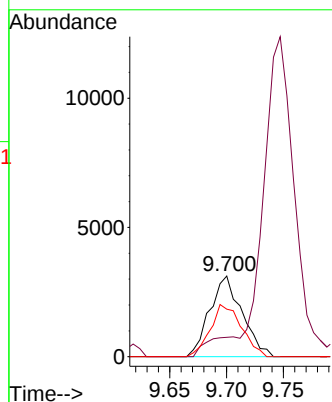
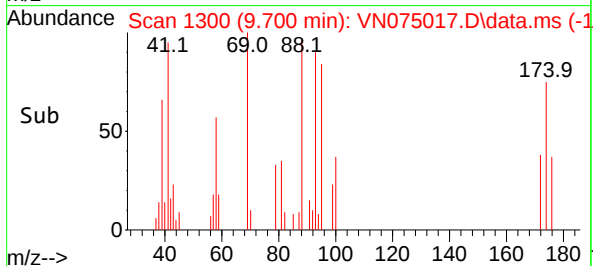
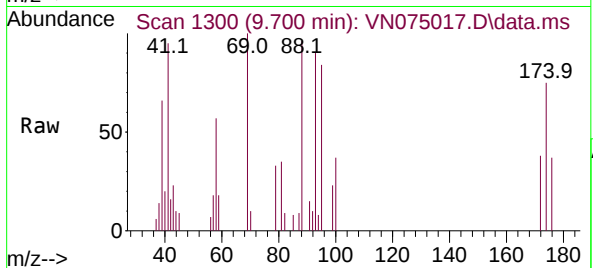
58 62.5 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#50

Toluene-d8

Concen: 10.020 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075017.D

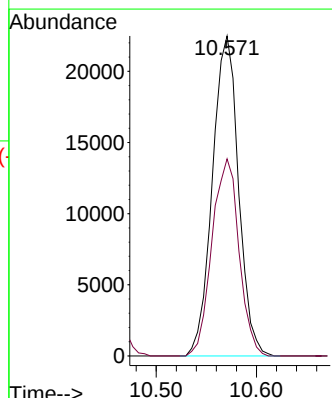
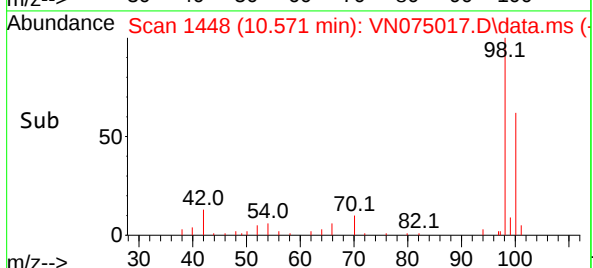
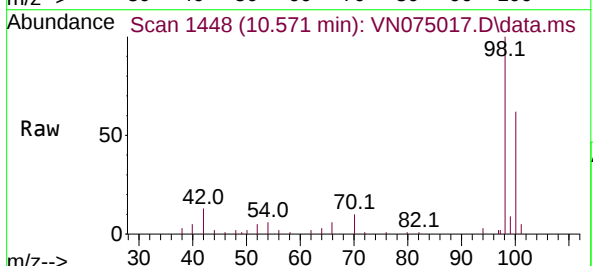
Acq: 26 Oct 2022 11:25

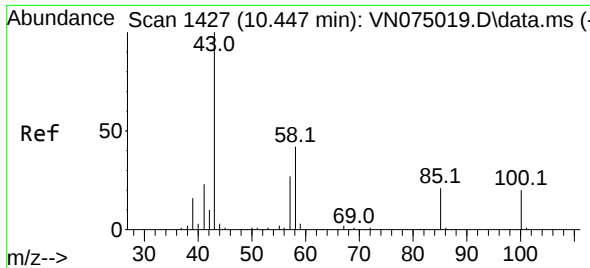
Tgt Ion: 98 Resp: 40706

Ion Ratio Lower Upper

98 100

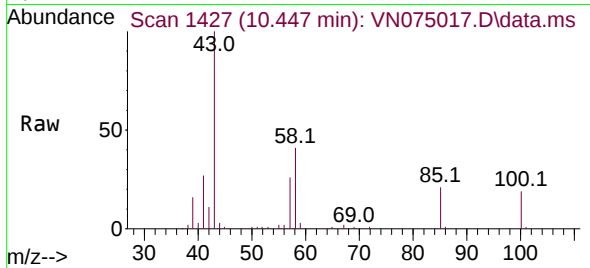
100 63.6 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 49.562 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

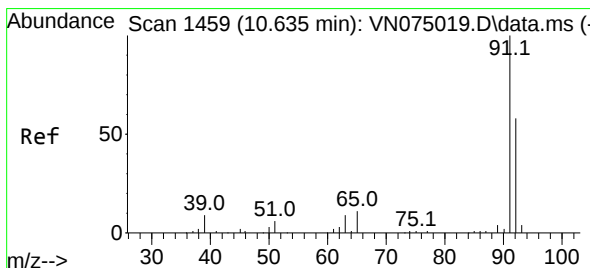
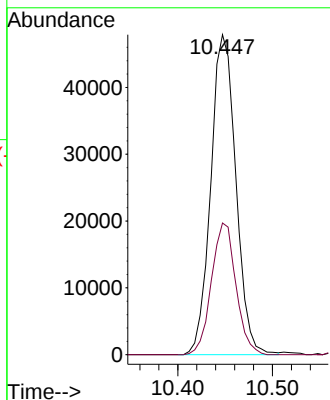
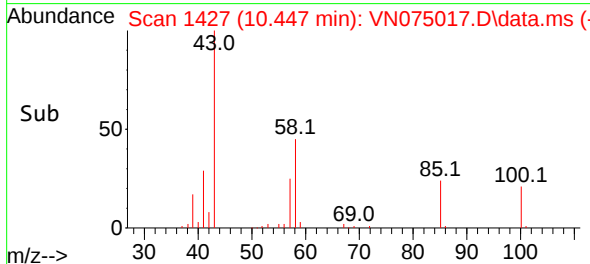
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 88190
Ion Ratio Lower Upper
43 100
58 40.1 33.6 50.4

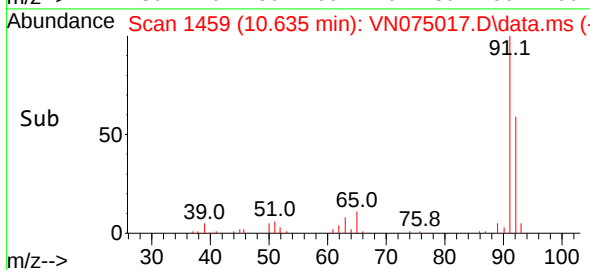
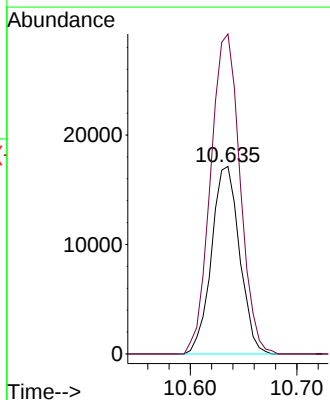
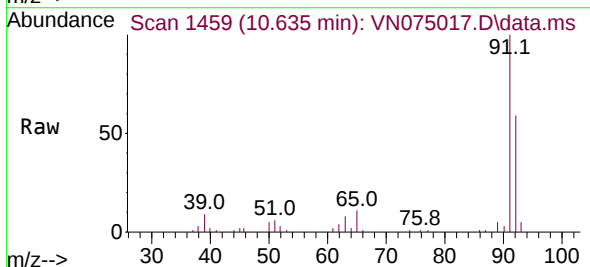
Manual Integrations
APPROVED

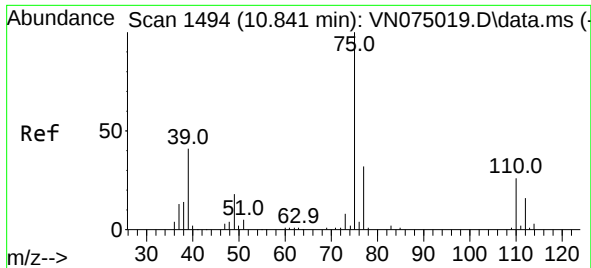
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#52
Toluene
Concen: 9.441 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

Tgt Ion: 92 Resp: 31325
Ion Ratio Lower Upper
92 100
91 179.2 135.4 203.2





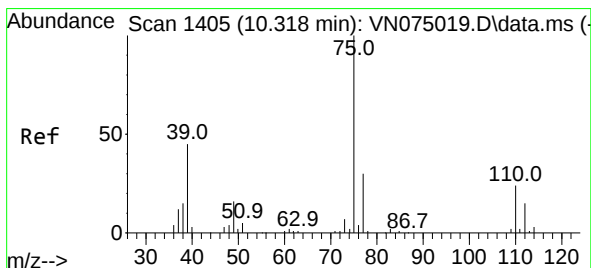
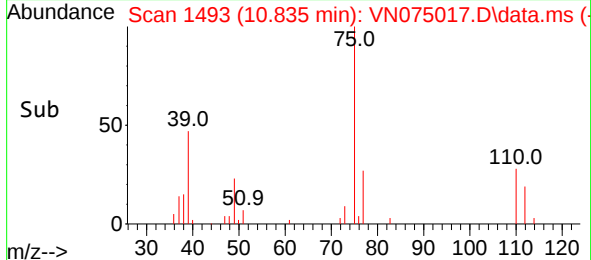
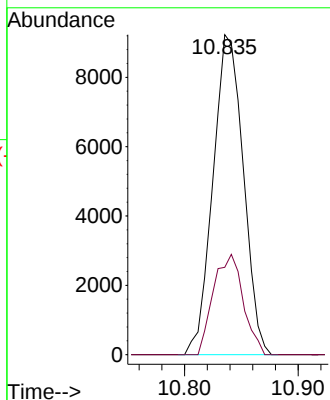
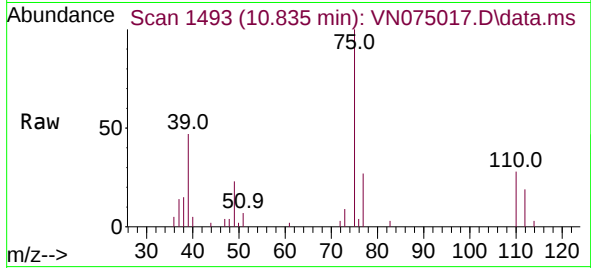
#53
 t-1,3-Dichloropropene
 Concen: 9.120 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.006 min
 Lab File: VN075017.D
 Acq: 26 Oct 2022 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 75 Resp: 1715
 Ion Ratio Lower Upper
 75 100
 77 27.3 25.4 38.2

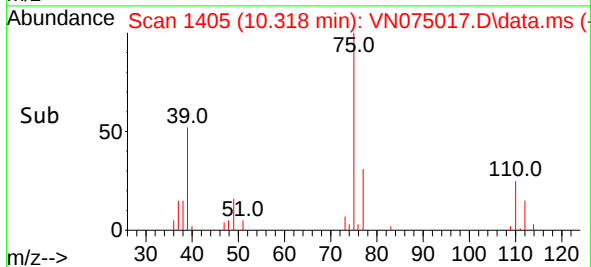
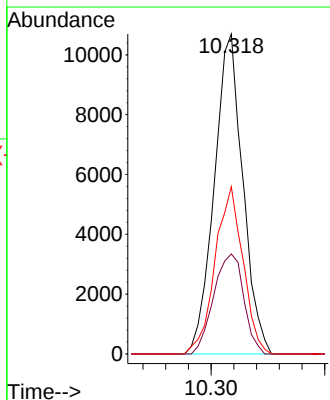
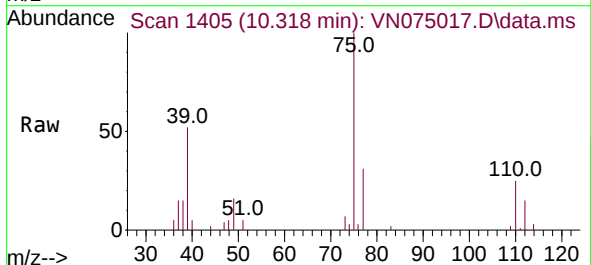
Manual Integrations
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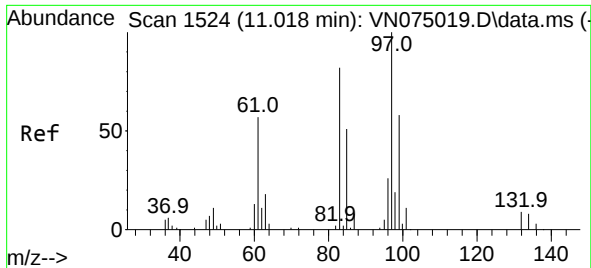
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#54
 cis-1,3-Dichloropropene
 Concen: 9.363 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.000 min
 Lab File: VN075017.D
 Acq: 26 Oct 2022 11:25

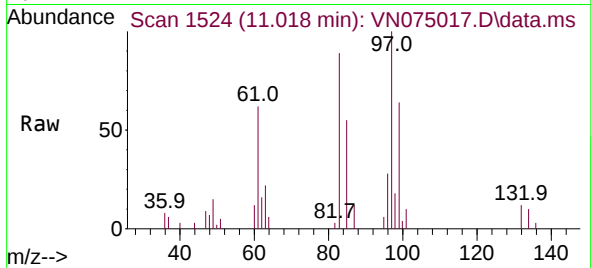
Tgt Ion: 75 Resp: 18680
 Ion Ratio Lower Upper
 75 100
 77 31.3 23.7 35.5
 39 52.3 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 9.726 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

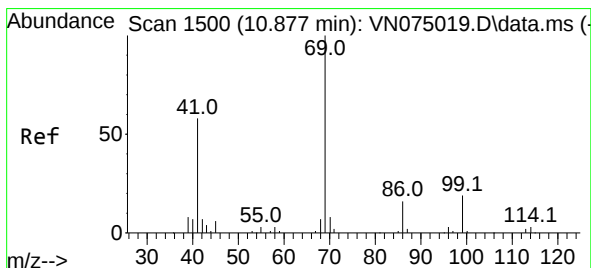
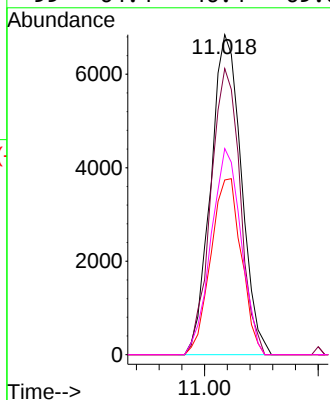
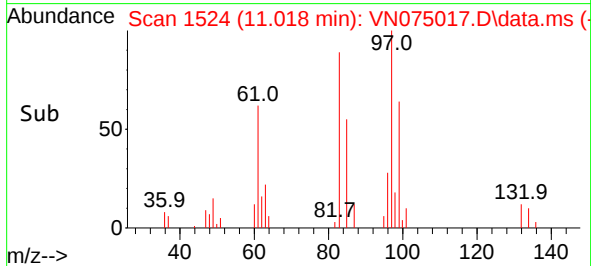
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.4	65.9	98.9
85	54.6	40.4	60.6
99	64.4	46.4	69.6

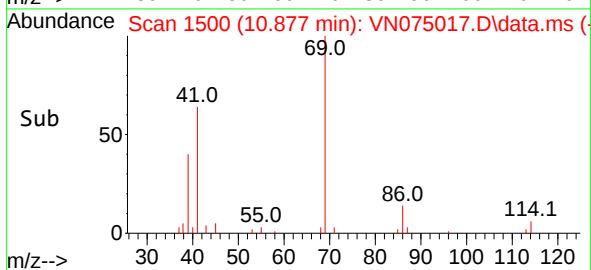
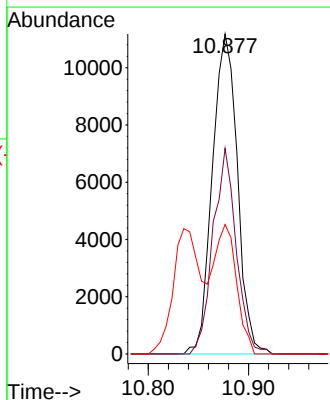
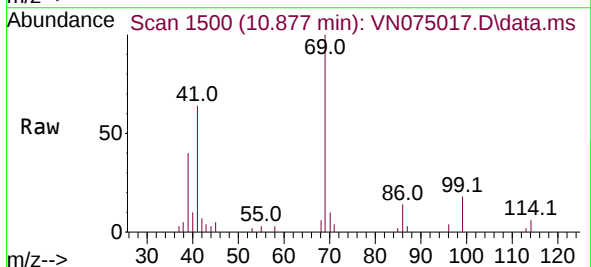
Manual Integrations
APPROVED

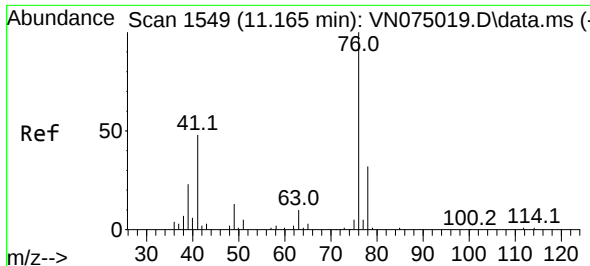
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#56
Ethyl methacrylate
Concen: 9.647 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.7	45.6	68.4
39	36.0	28.5	42.7





#57

1,3-Dichloropropane

Concen: 9.894 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. 0.000 min

Lab File: VN075017.D

Acq: 26 Oct 2022 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 21670

Ion Ratio Lower Upper

76 100

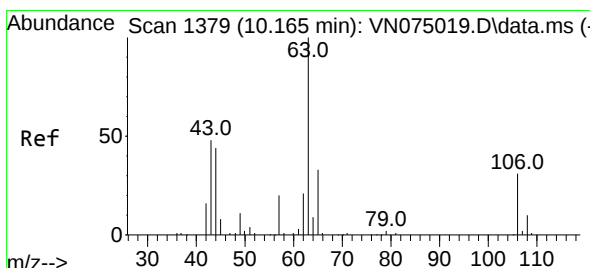
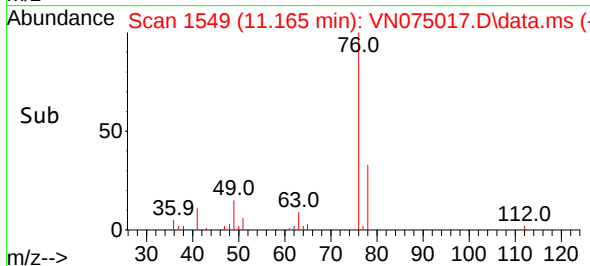
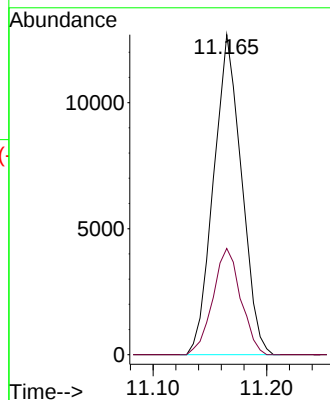
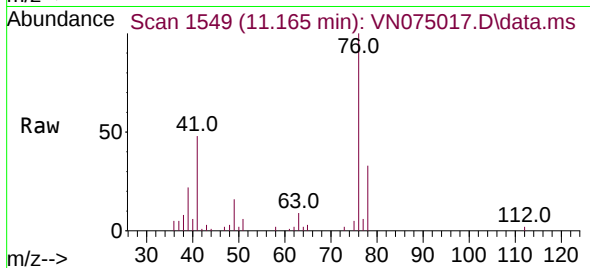
78 33.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#58

2-Chloroethyl Vinyl ether

Concen: 49.767 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN075017.D

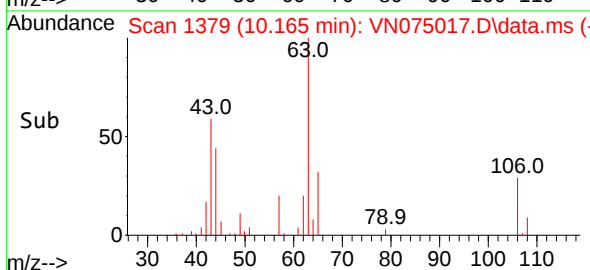
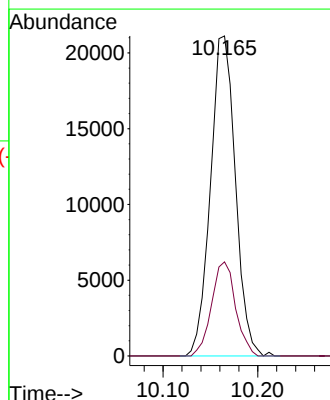
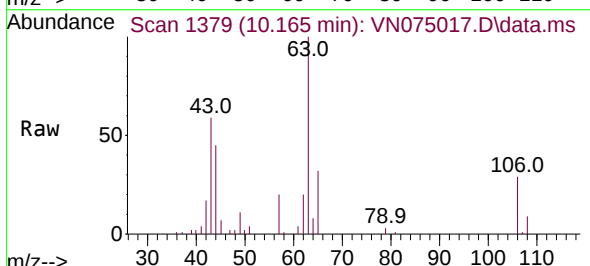
Acq: 26 Oct 2022 11:25

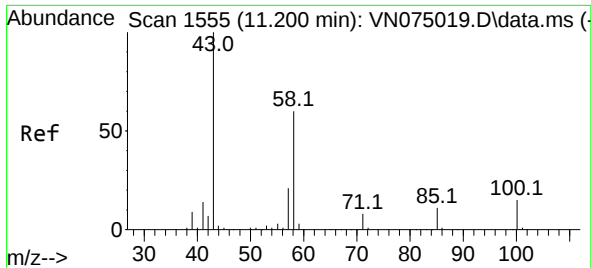
Tgt Ion: 63 Resp: 38610

Ion Ratio Lower Upper

63 100

106 28.3 24.8 37.2





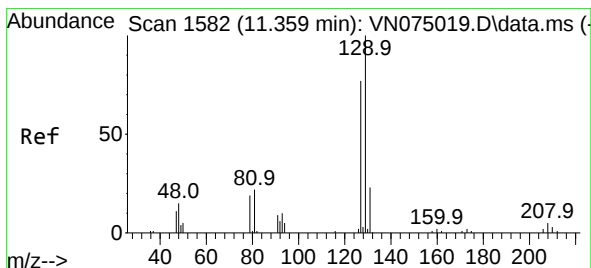
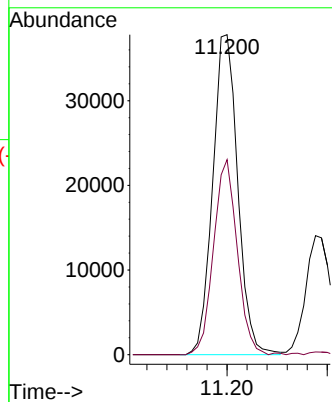
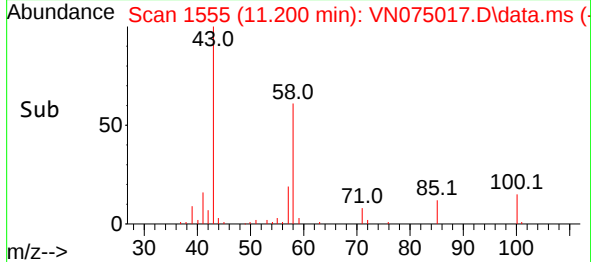
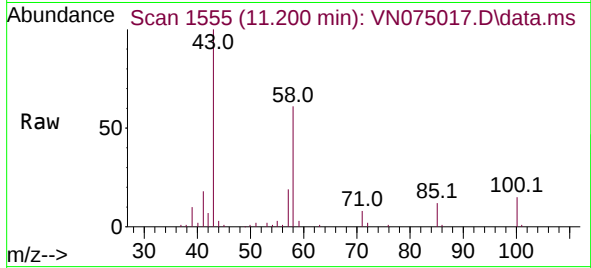
#59
2-Hexanone
Concen: 48.571 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 65600
Ion Ratio Lower Upper
43 100
58 57.7 29.6 88.8

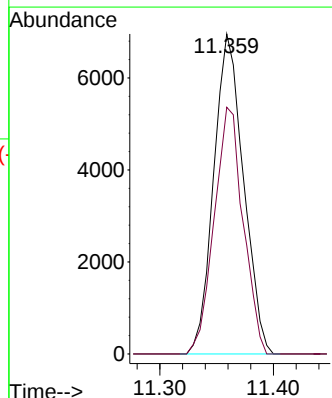
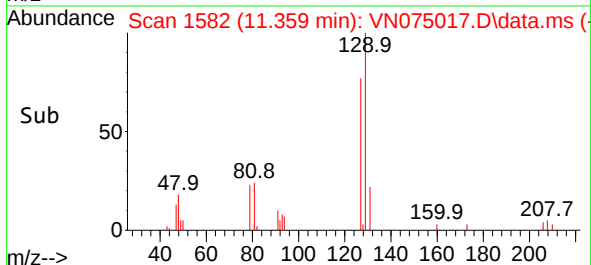
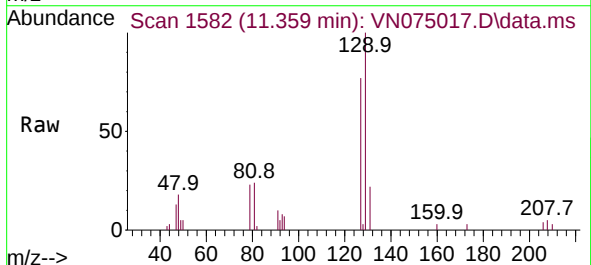
Manual Integrations
APPROVED

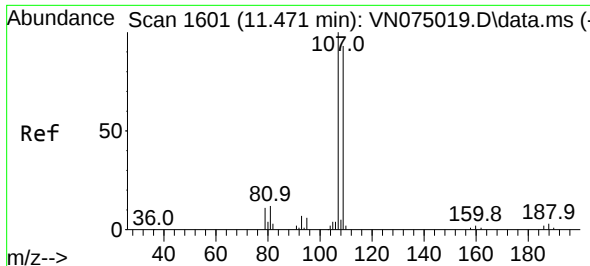
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#60
Dibromochloromethane
Concen: 9.119 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

Tgt Ion:129 Resp: 12658
Ion Ratio Lower Upper
129 100
127 75.0 38.6 115.8





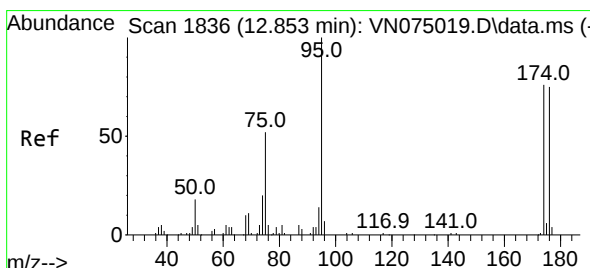
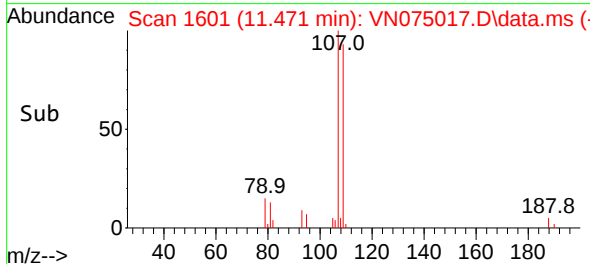
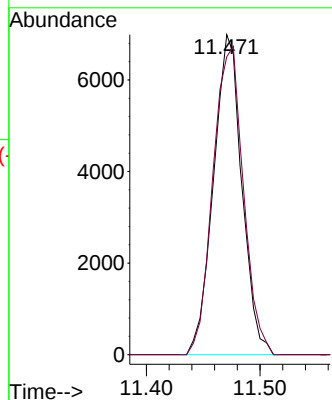
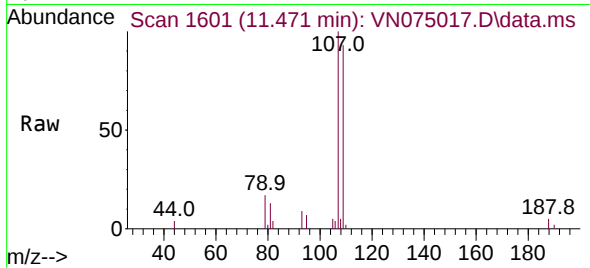
#61
1,2-Dibromoethane
Concen: 8.995 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:107 Resp: 1212
Ion Ratio Lower Upper
107 100
109 103.4 75.6 113.4

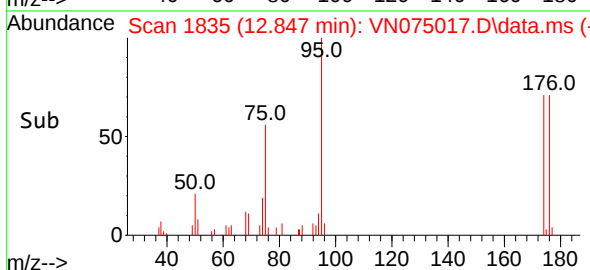
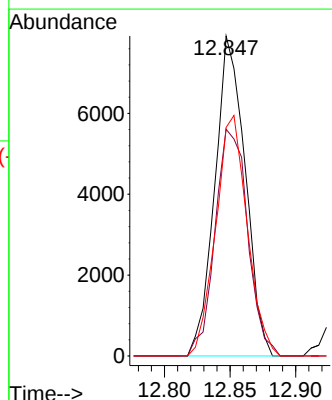
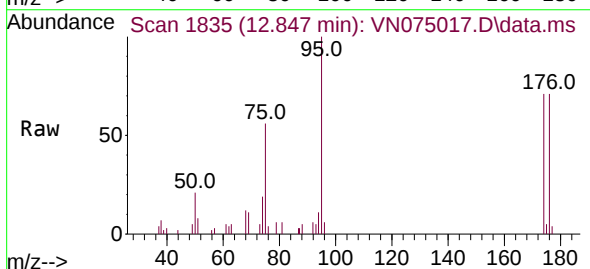
Manual Integrations
APPROVED

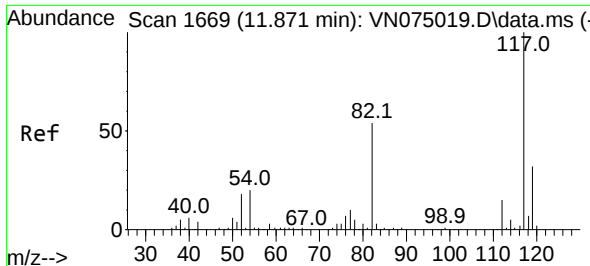
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#62
4-Bromofluorobenzene
Concen: 8.909 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

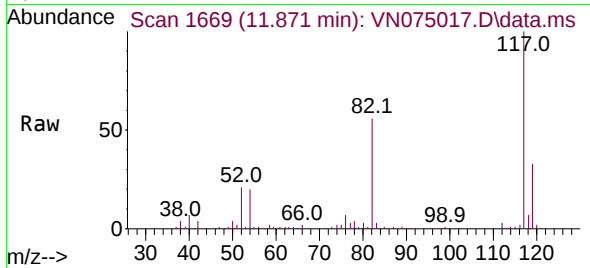
Tgt Ion: 95 Resp: 12714
Ion Ratio Lower Upper
95 100
174 76.1 0.0 147.4
176 78.0 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

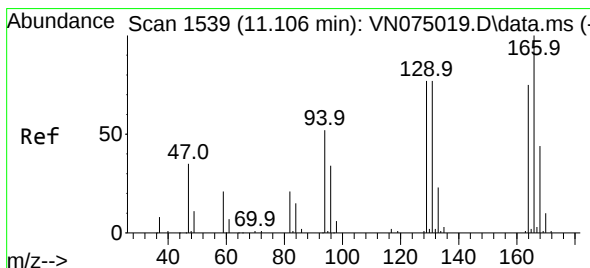
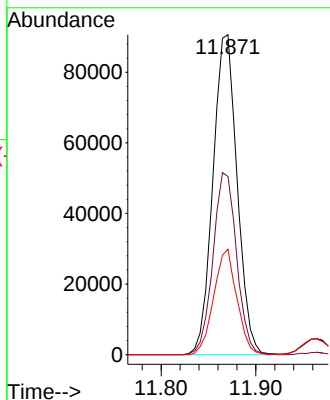
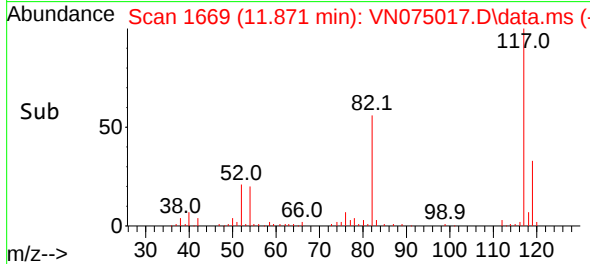
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



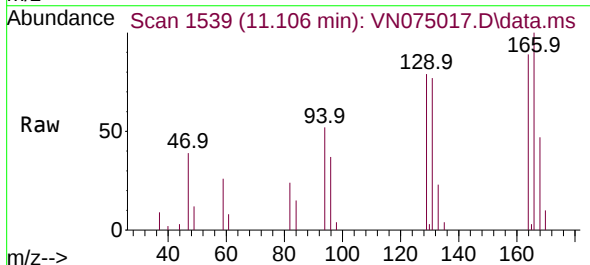
Tgt Ion:117 Resp: 16112
Ion Ratio Lower Upper
117 100
82 55.7 43.1 64.7
119 33.0 25.5 38.3

Manual Integrations
APPROVED

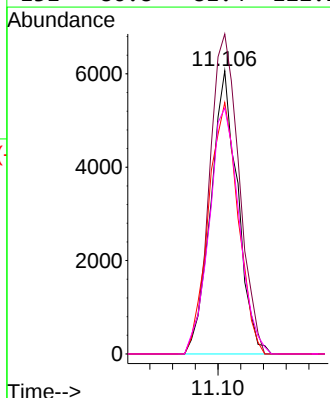
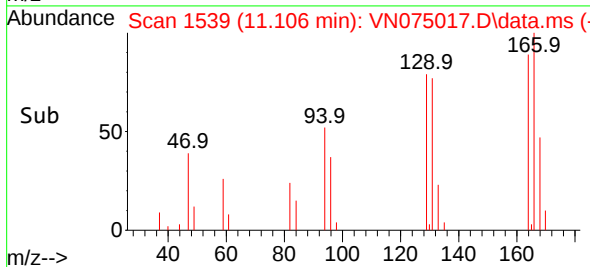
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

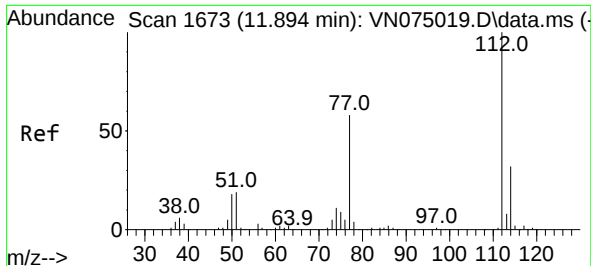


#64
Tetrachloroethene
Concen: 10.094 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25



Tgt Ion:164 Resp: 9971
Ion Ratio Lower Upper
164 100
166 113.0 106.5 159.7
129 88.7 81.9 122.9
131 86.8 81.4 122.2





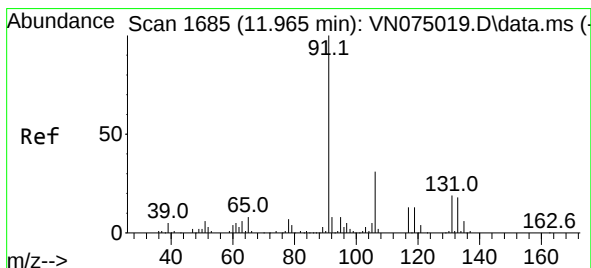
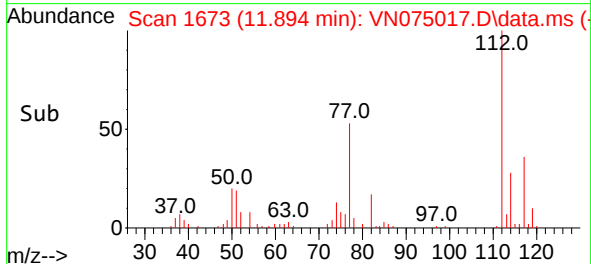
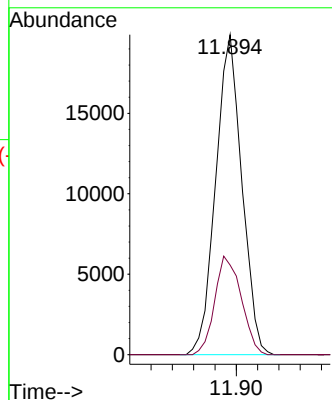
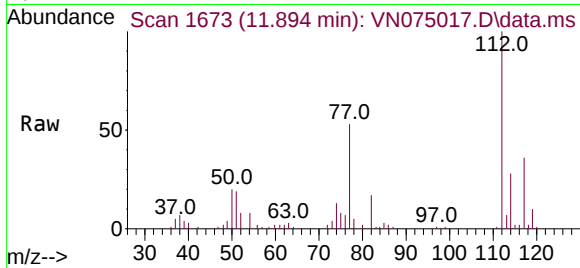
#65
Chlorobenzene
Concen: 9.832 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 33815
Ion Ratio Lower Upper
112 100
114 28.0 25.4 38.2

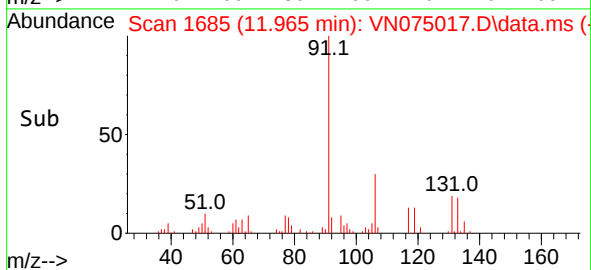
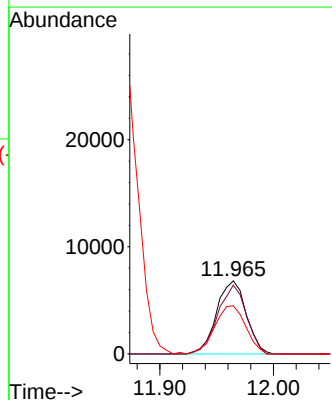
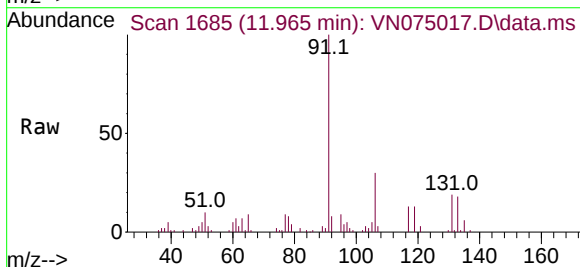
Manual Integrations
APPROVED

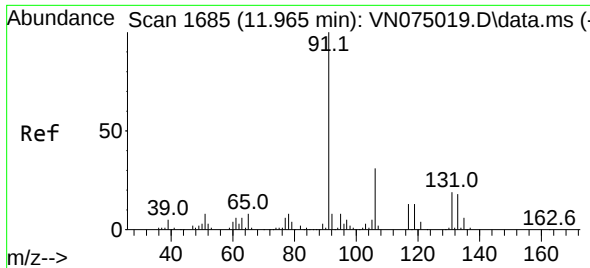
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 9.653 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

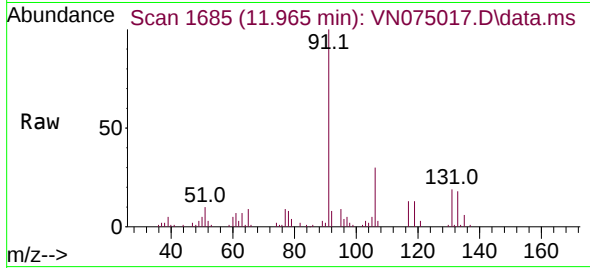
Tgt Ion:131 Resp: 12315
Ion Ratio Lower Upper
131 100
133 91.6 47.8 143.4
119 69.0 33.0 99.0





#67
Ethyl Benzene
Concen: 9.818 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

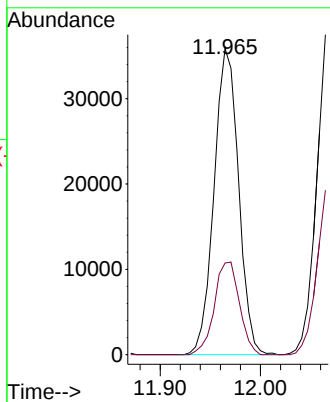
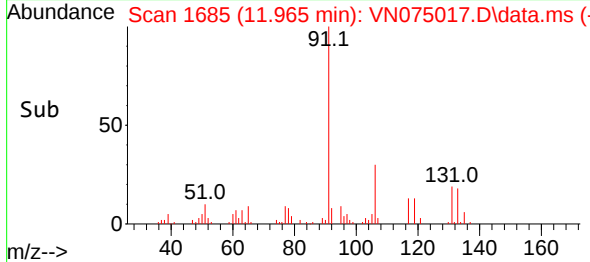
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



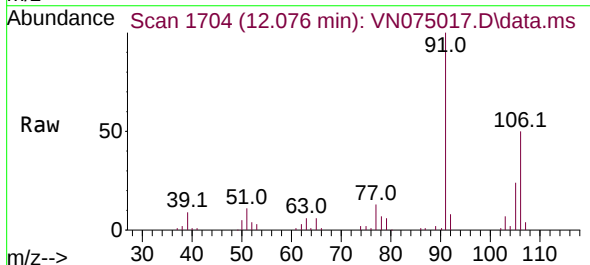
Tgt Ion: 91 Resp: 60750
Ion Ratio Lower Upper
91 100
106 30.0 24.9 37.3

Manual Integrations
APPROVED

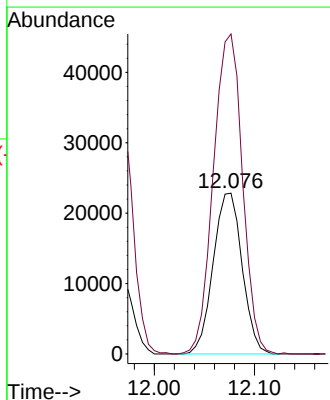
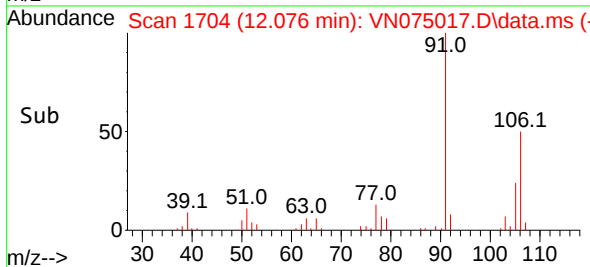
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

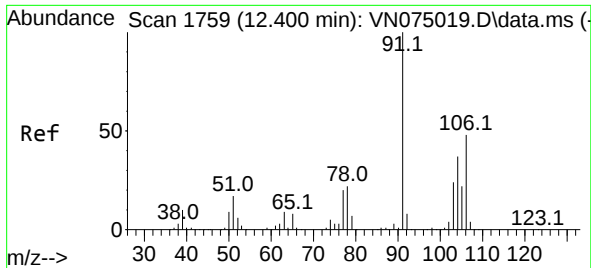


#68
m/p-Xylenes
Concen: 18.437 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25



Tgt Ion:106 Resp: 45775
Ion Ratio Lower Upper
106 100
91 200.3 156.0 234.0





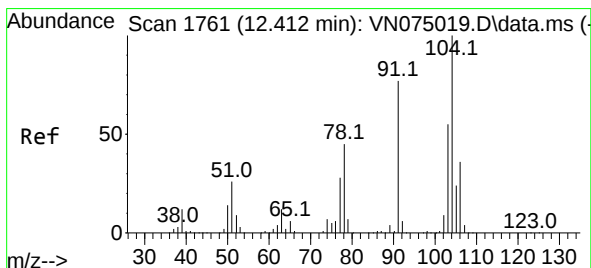
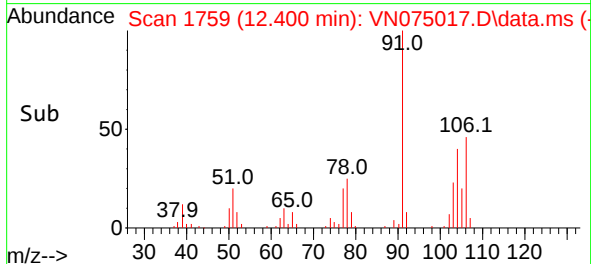
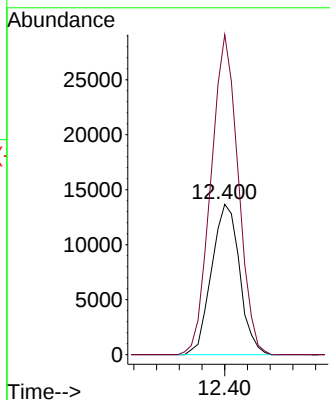
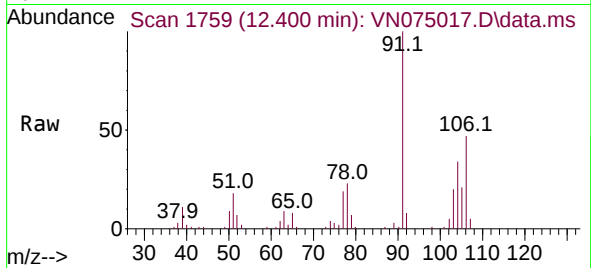
#69
o-Xylene
Concen: 9.535 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 2341
Ion Ratio Lower Upper
106 100
91 207.5 105.2 315.5

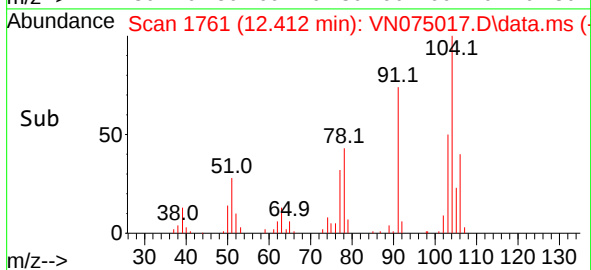
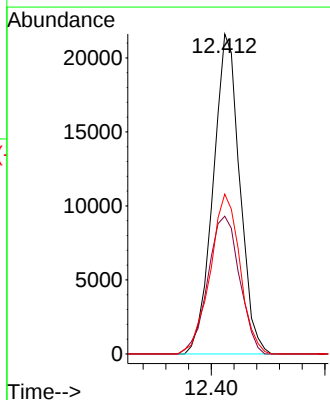
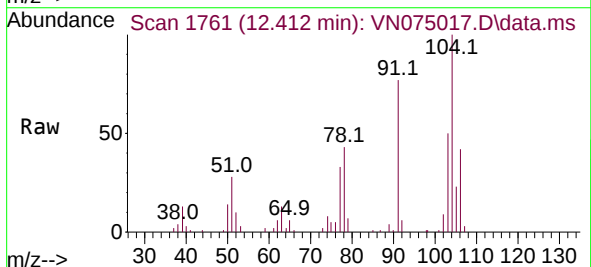
Manual Integrations
APPROVED

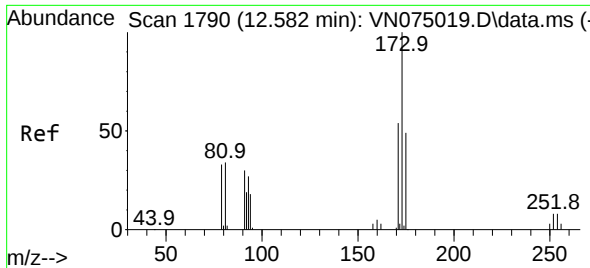
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#70
Styrene
Concen: 8.973 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

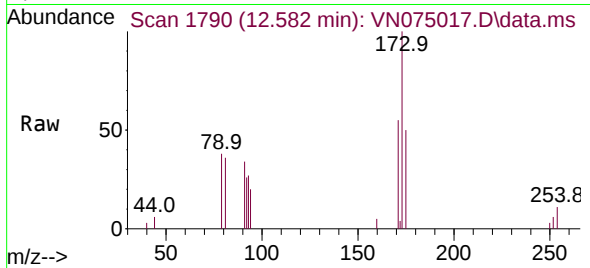
Tgt Ion:104 Resp: 35130
Ion Ratio Lower Upper
104 100
78 51.0 38.1 57.1
103 55.6 44.6 66.8





#71
Bromoform
Concen: 8.617 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

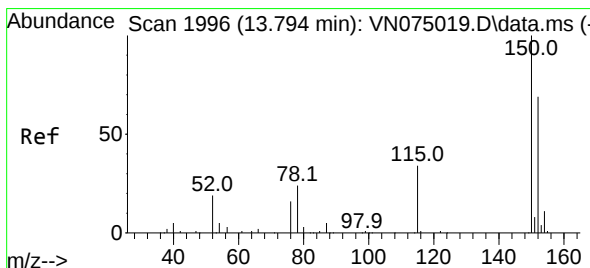
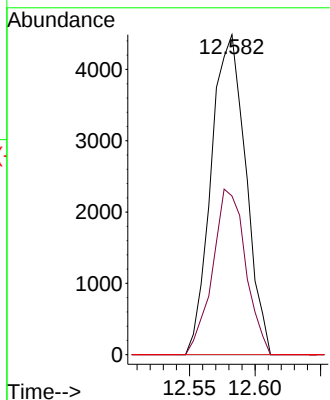
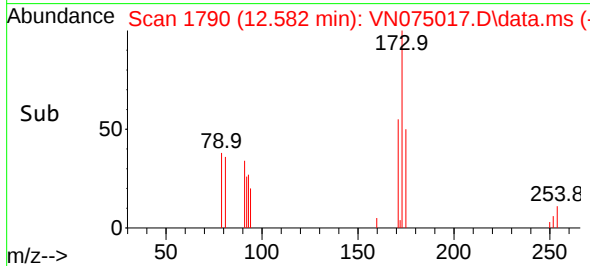
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



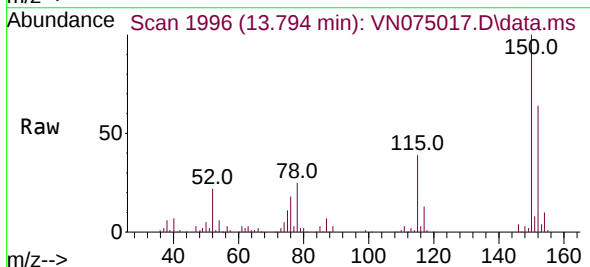
Tgt Ion:173 Resp: 823
Ion Ratio Lower Upper
173 100
175 49.4 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

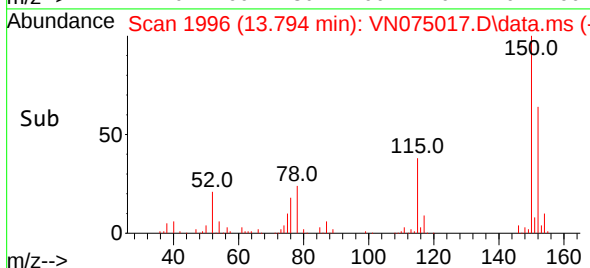
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

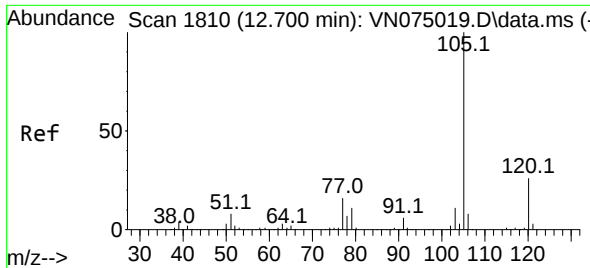


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25



Tgt Ion:152 Resp: 68988
Ion Ratio Lower Upper
152 100
115 61.7 30.2 90.6
150 164.1 0.0 348.4





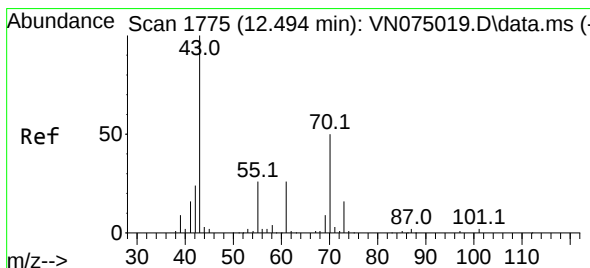
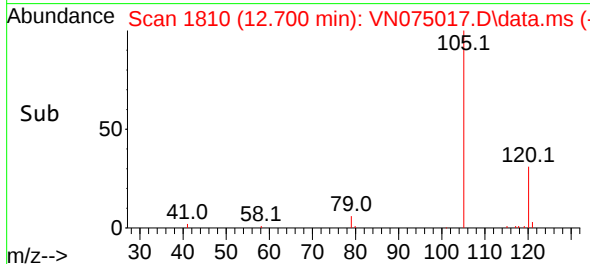
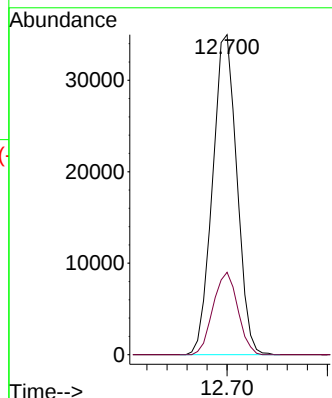
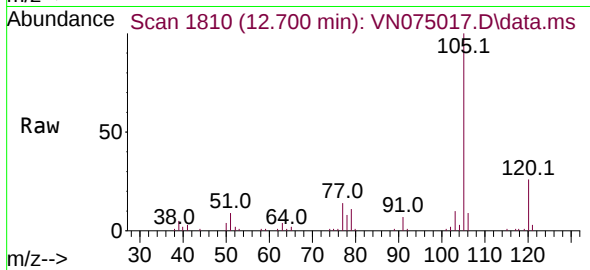
#73
Isopropylbenzene
Concen: 10.635 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:105 Resp: 58904
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1

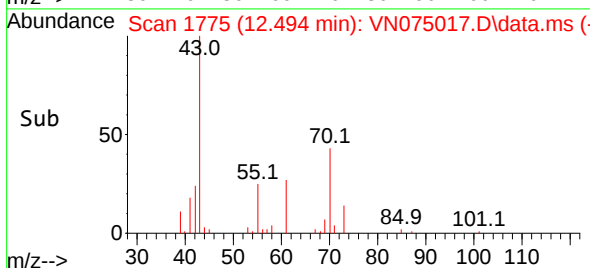
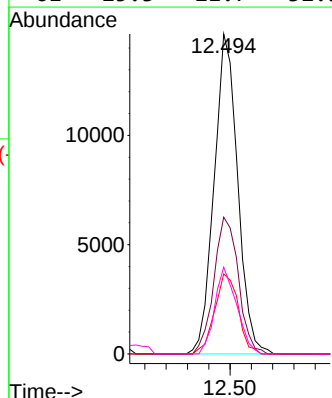
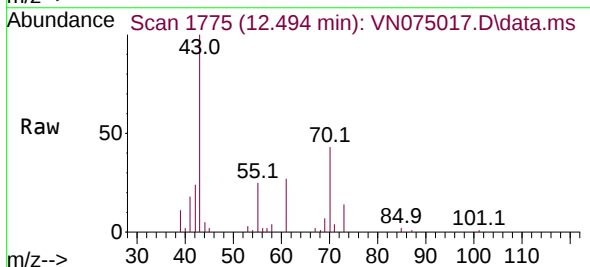
Manual Integrations
APPROVED

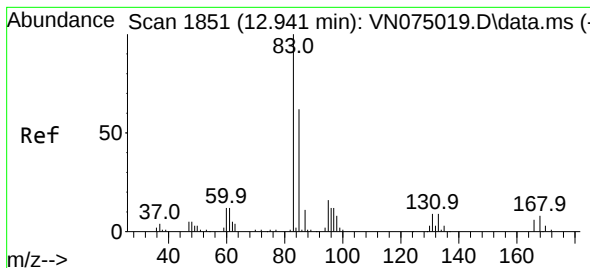
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#74
N-ethyl acetate
Concen: 10.967 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

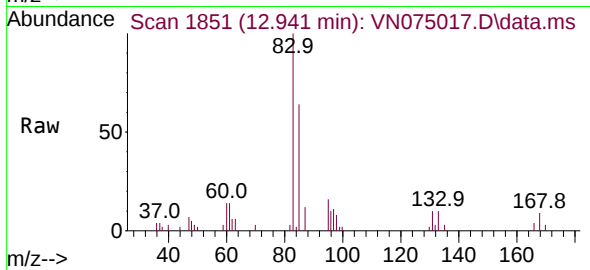
Tgt Ion: 43 Resp: 22465
Ion Ratio Lower Upper
43 100
70 44.4 39.8 59.8
55 25.1 19.9 29.9
61 25.3 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 10.957 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

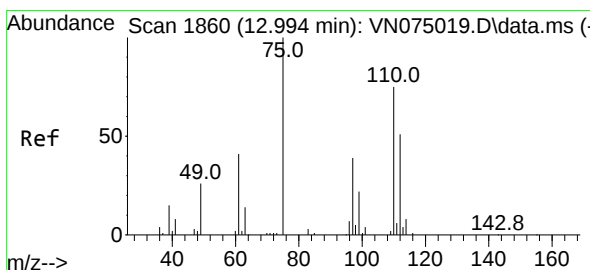
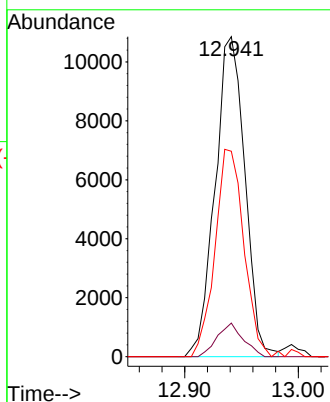
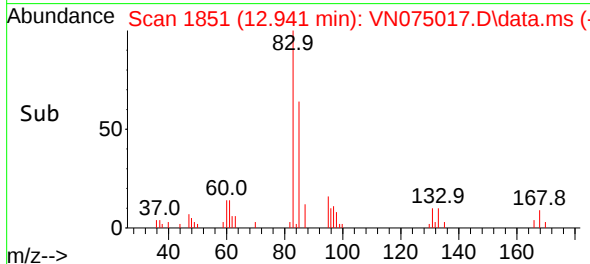
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 1979
Ion Ratio Lower Upper
83 100
131 9.1 5.1 15.3
85 62.5 31.6 94.7

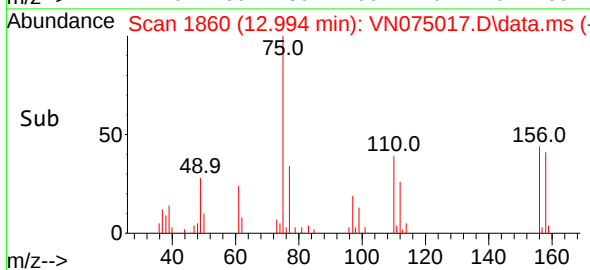
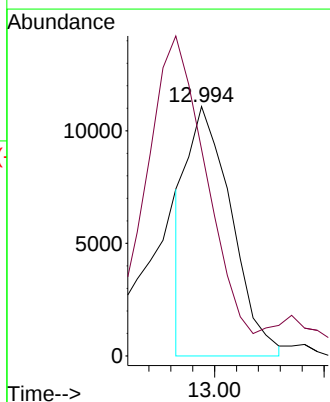
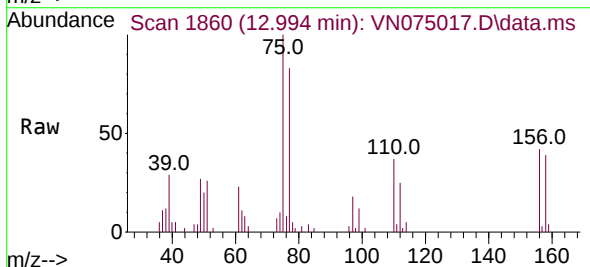
Manual Integrations
APPROVED

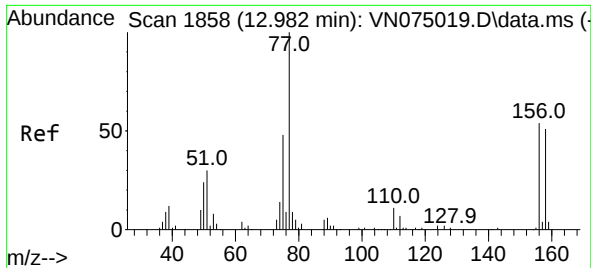
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#76
1,2,3-Trichloropropane
Concen: 9.543 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

Tgt Ion: 75 Resp: 15576
Ion Ratio Lower Upper
75 100
77 179.2 75.6 226.8





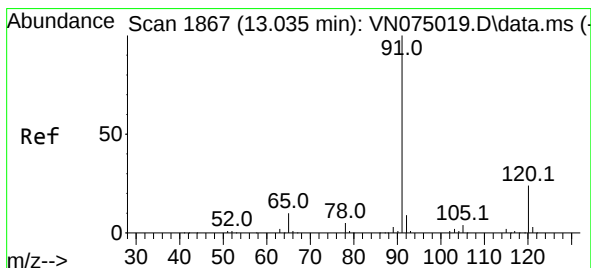
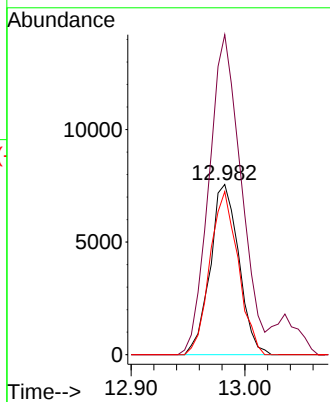
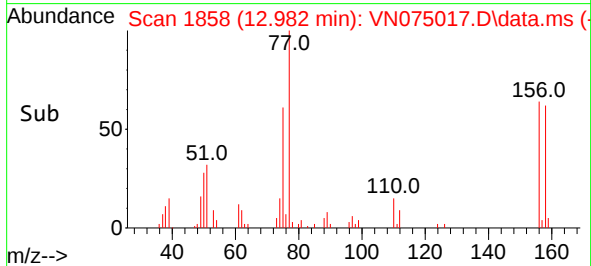
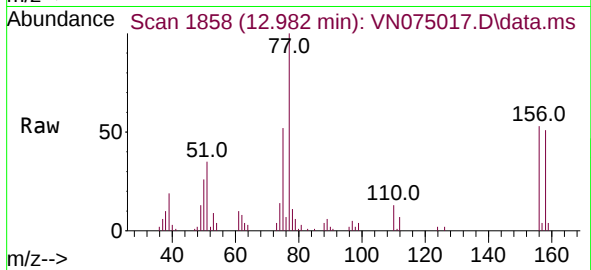
#77
Bromobenzene
Concen: 10.845 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:156 Resp: 13225
Ion Ratio Lower Upper
156 100
77 211.1 108.5 325.5
158 94.6 47.7 143.1

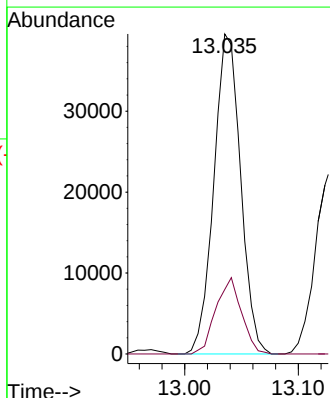
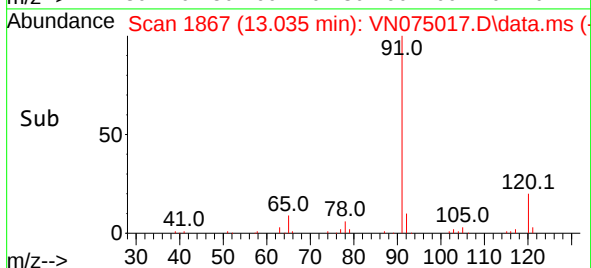
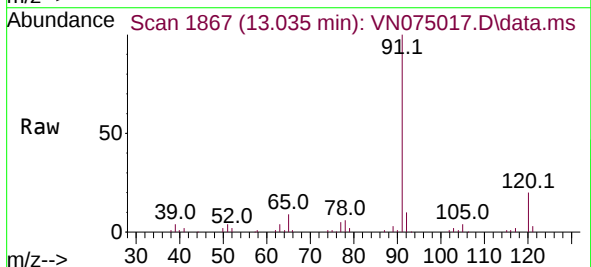
Manual Integrations
APPROVED

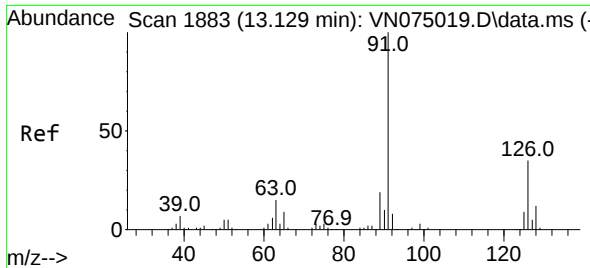
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#78
n-propylbenzene
Concen: 10.411 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

Tgt Ion: 91 Resp: 64738
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.5





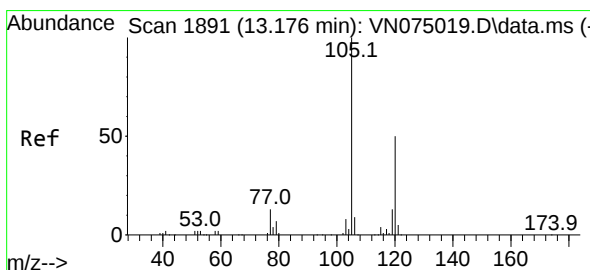
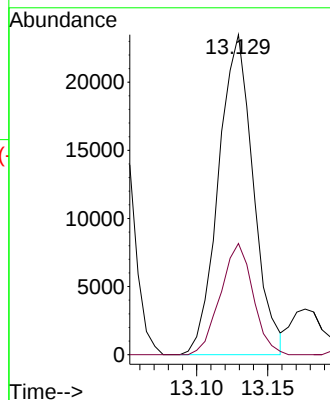
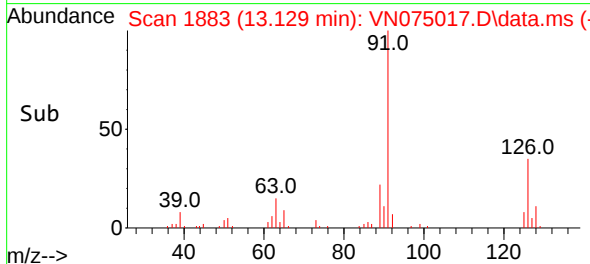
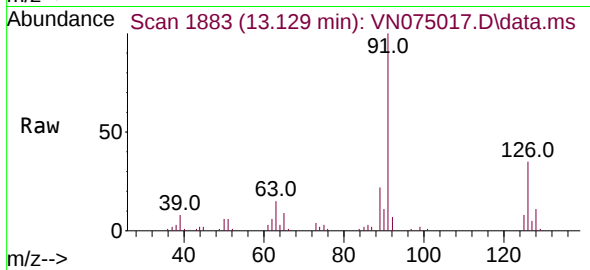
#79
2-Chlorotoluene
Concen: 10.525 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 39992
Ion Ratio Lower Upper
91 100
126 32.5 16.9 50.7

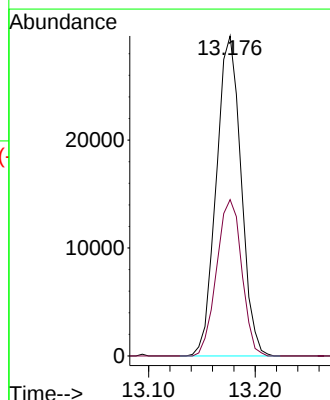
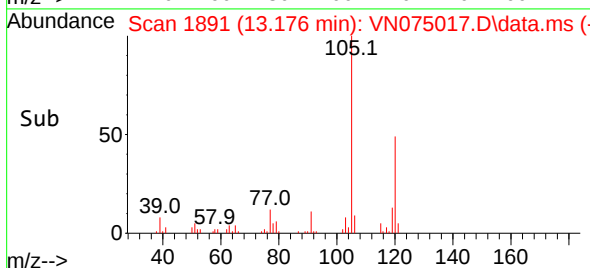
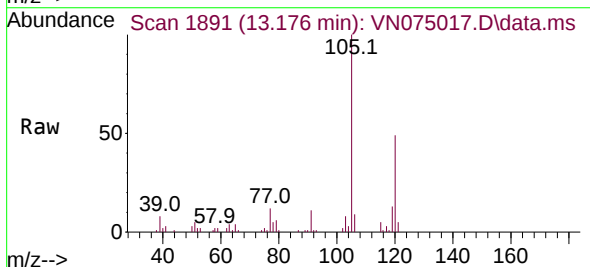
Manual Integrations
APPROVED

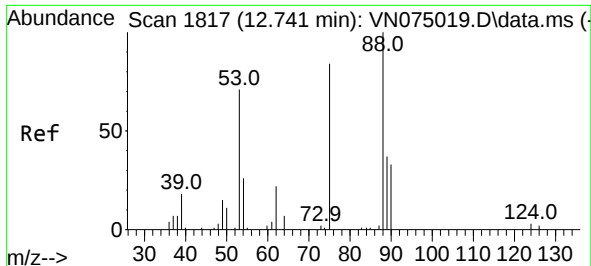
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#80
1,3,5-Trimethylbenzene
Concen: 10.276 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

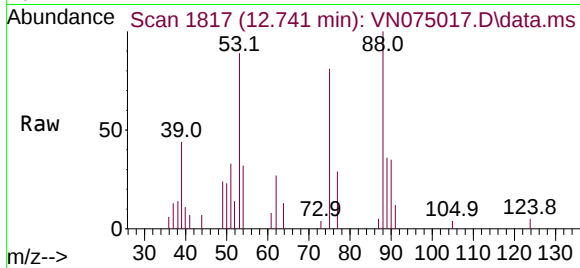
Tgt Ion:105 Resp: 47803
Ion Ratio Lower Upper
105 100
120 49.4 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 9.195 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

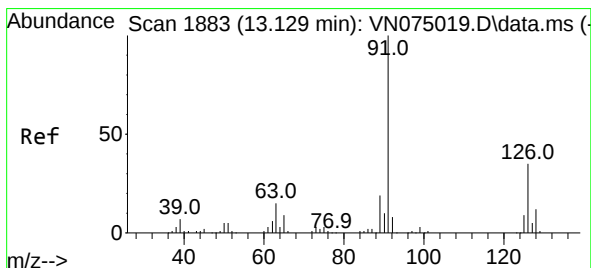
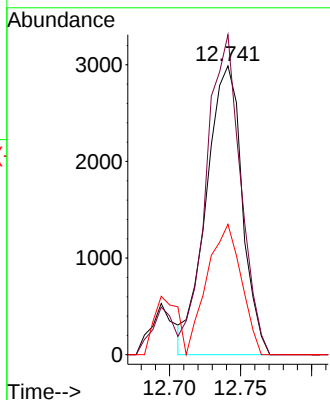
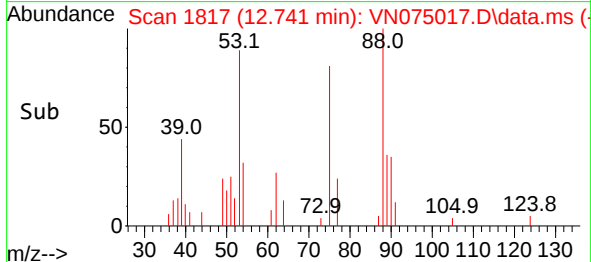
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



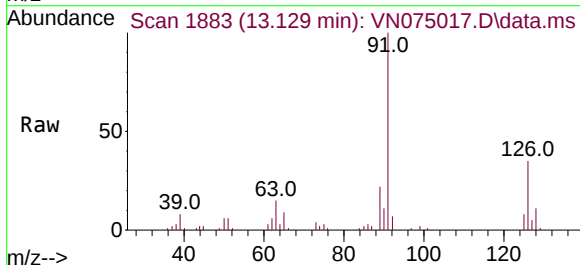
Tgt Ion: 75 Resp: 524
Ion Ratio Lower Upper
75 100
53 105.9 78.5 117.7
89 43.1 37.7 56.5

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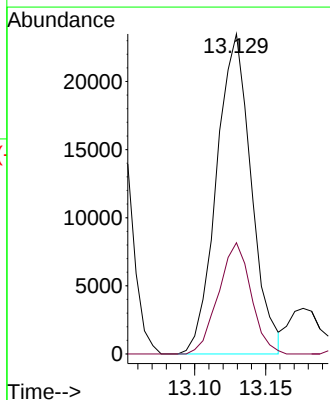
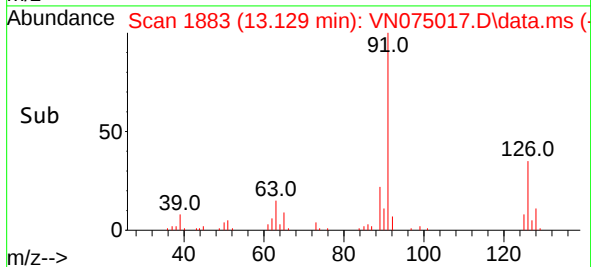
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

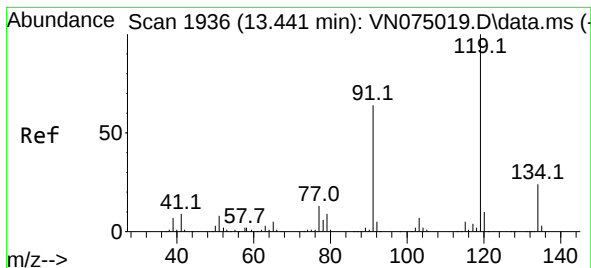


#82
4-Chlorotoluene
Concen: 10.525 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25



Tgt Ion: 91 Resp: 39992
Ion Ratio Lower Upper
91 100
126 32.5 16.9 50.7





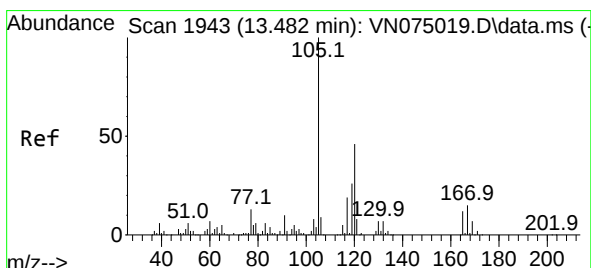
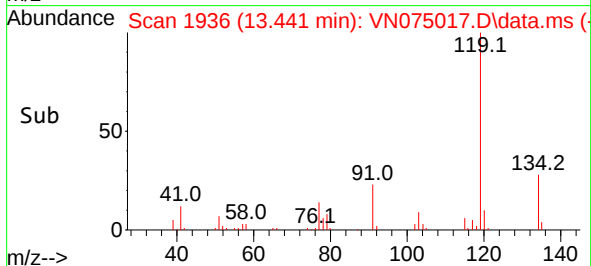
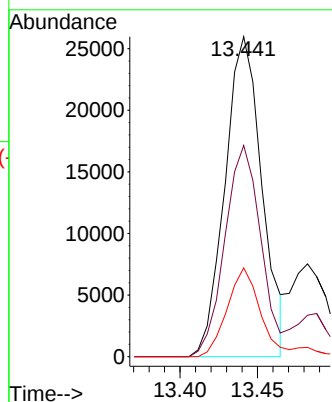
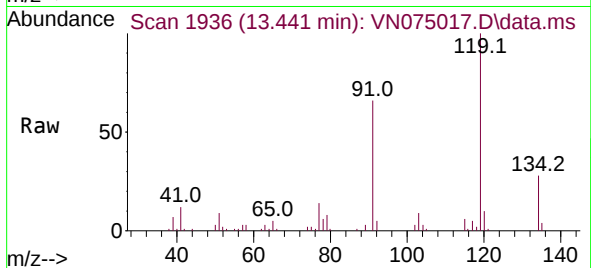
#83
tert-Butylbenzene
Concen: 10.437 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 4314
Ion Ratio Lower Upper
119 100
91 65.8 32.8 98.4
134 24.7 12.3 36.9

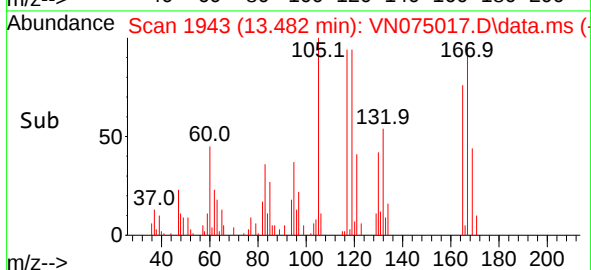
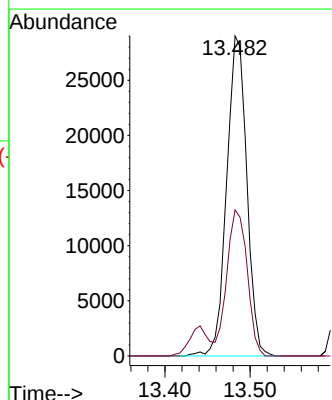
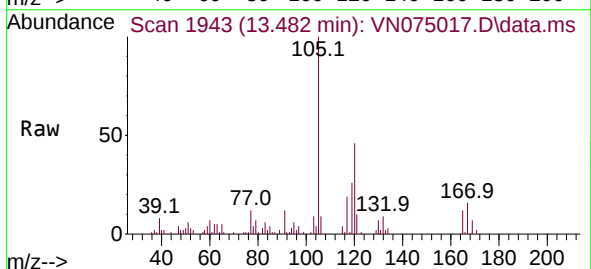
Manual Integrations
APPROVED

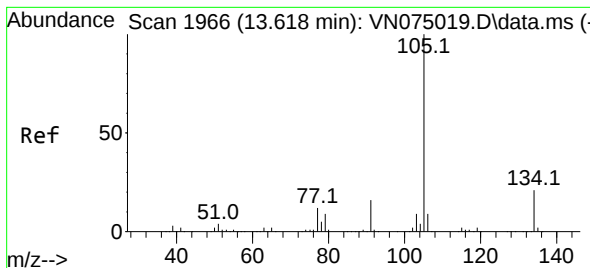
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#84
1,2,4-Trimethylbenzene
Concen: 10.095 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

Tgt Ion:105 Resp: 47512
Ion Ratio Lower Upper
105 100
120 46.0 22.7 68.1





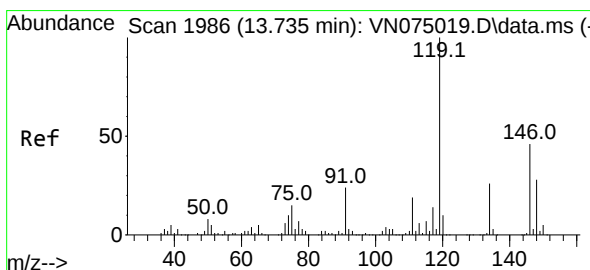
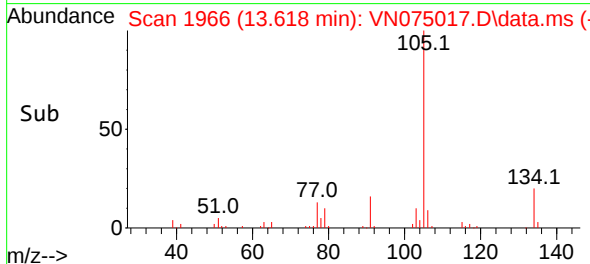
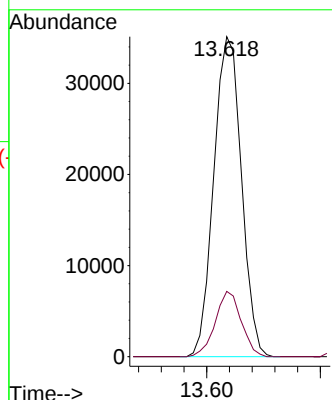
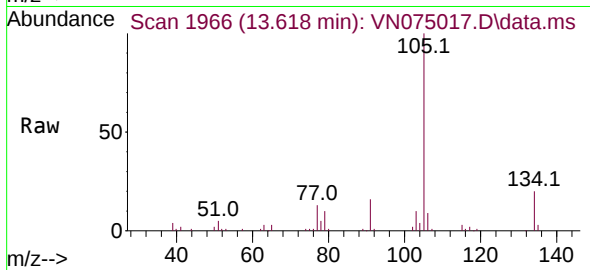
#85
 sec-Butylbenzene
 Concen: 10.256 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075017.D
 Acq: 26 Oct 2022 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Tgt Ion:105 Resp: 5930
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.2 30.6

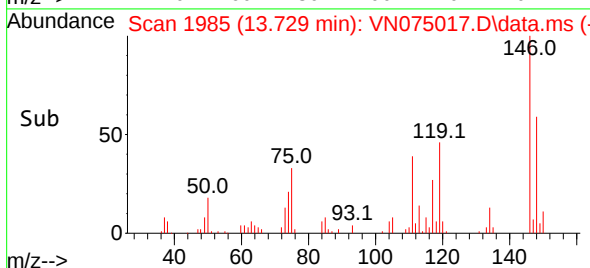
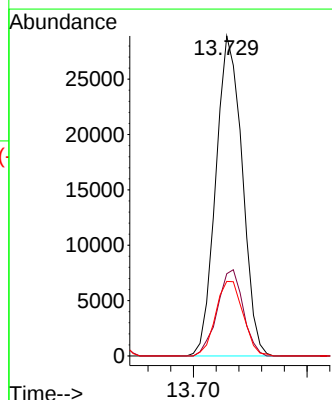
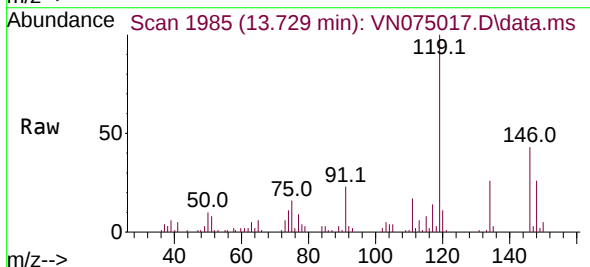
Manual Integrations
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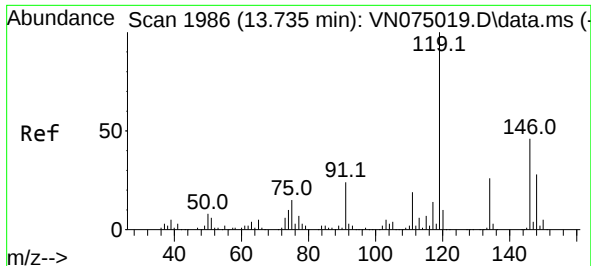
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#86
 p-Isopropyltoluene
 Concen: 9.774 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075017.D
 Acq: 26 Oct 2022 11:25

Tgt Ion:119 Resp: 46678
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.3
 91 24.2 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 10.028 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075017.D

Acq: 26 Oct 2022 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

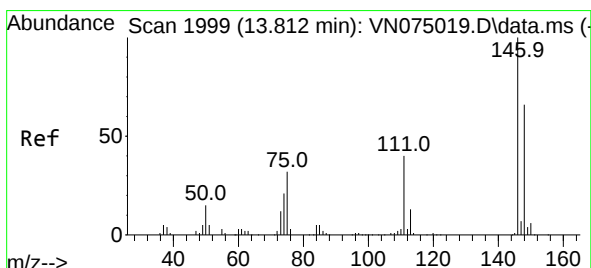
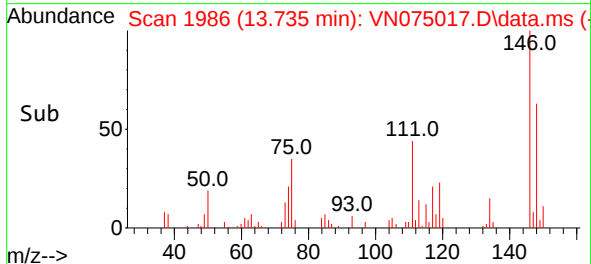
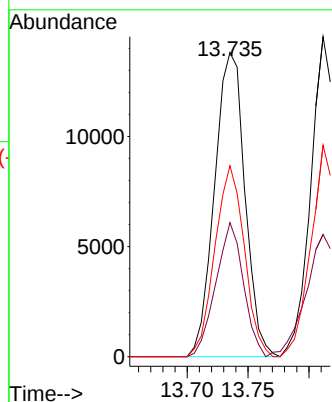
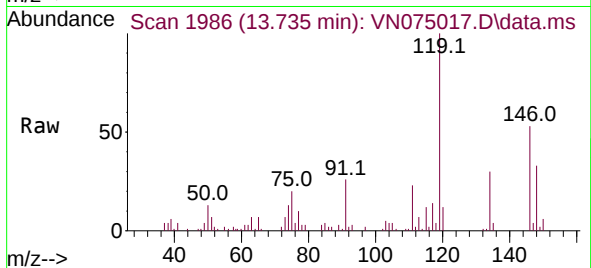
Tgt Ion:146 Resp: 23945
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.8 62.5
 148 60.9 31.1 93.5

Manual Integrations

APPROVED

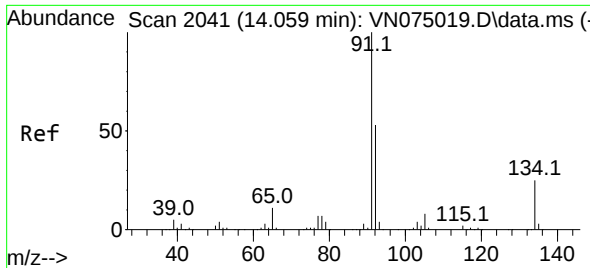
Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#88

1,4-Dichlorobenzene



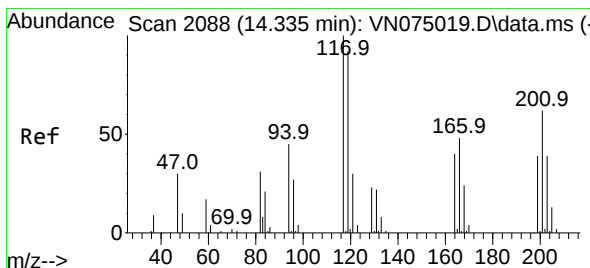
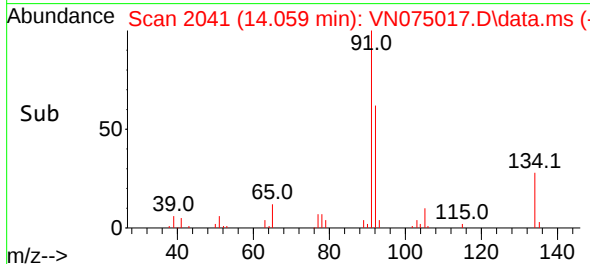
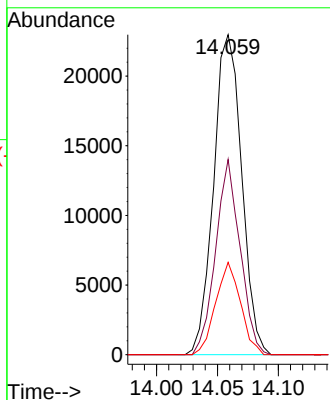
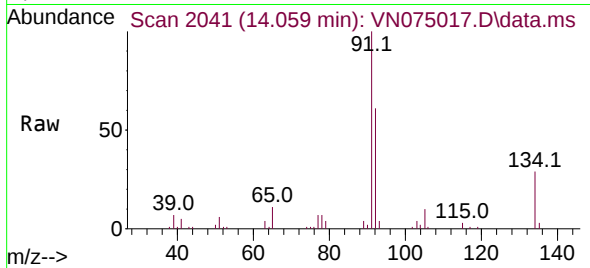
#89
n-Butylbenzene
Concen: 9.593 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 3689
Ion Ratio Lower Upper
91 100
92 53.2 26.5 79.4
134 25.5 13.0 39.0

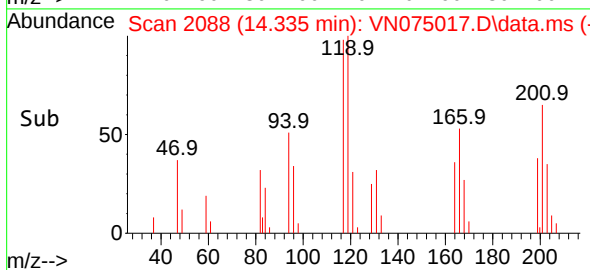
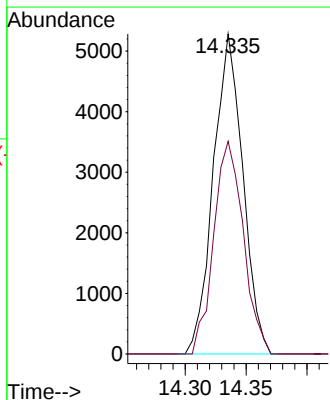
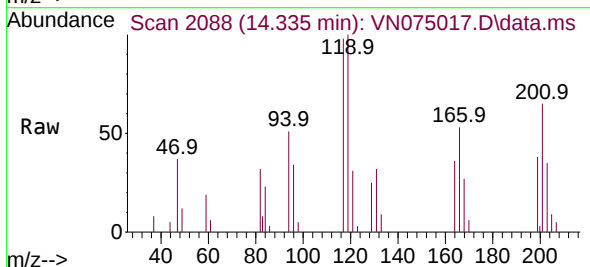
Manual Integrations
APPROVED

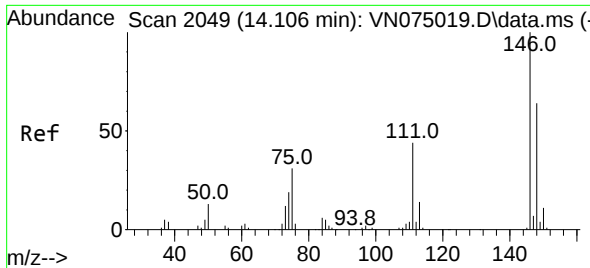
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#90
Hexachloroethane
Concen: 10.163 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

Tgt Ion:117 Resp: 8899
Ion Ratio Lower Upper
117 100
201 66.8 31.5 94.5





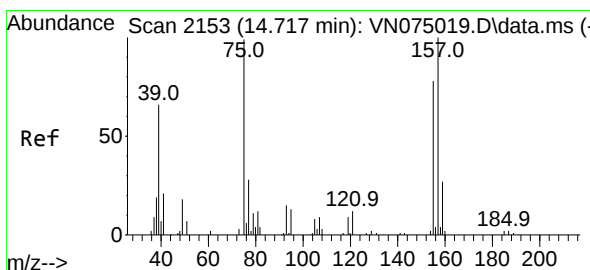
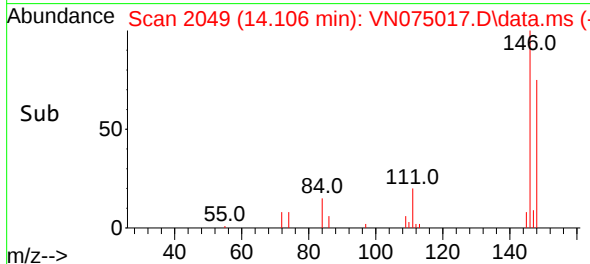
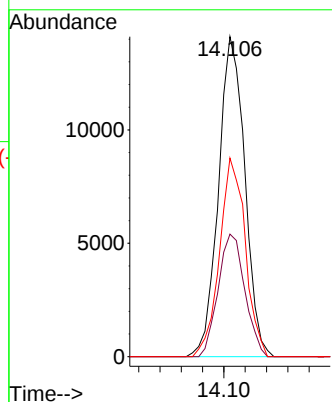
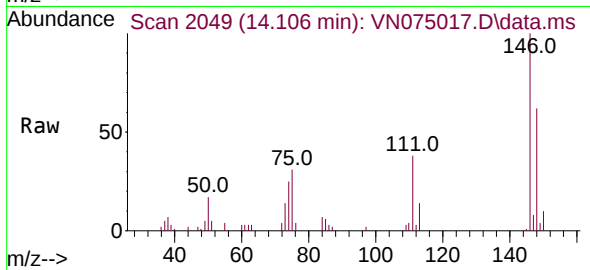
#91
1,2-Dichlorobenzene
Concen: 10.189 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 2418
Ion Ratio Lower Upper
146 100
111 38.8 21.3 63.9
148 60.7 31.4 94.2

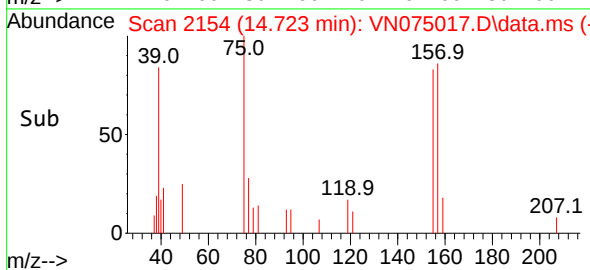
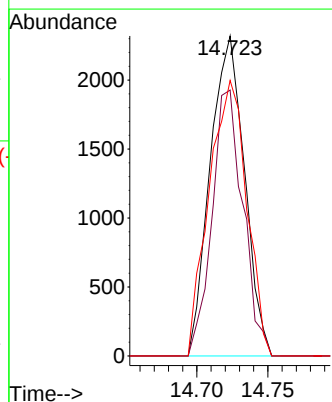
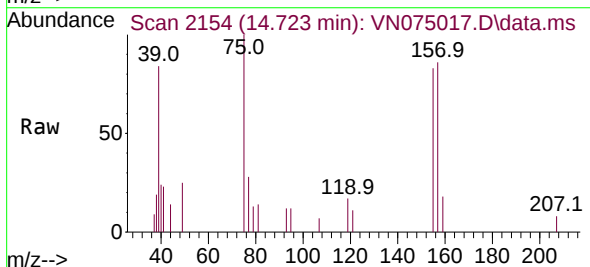
Manual Integrations
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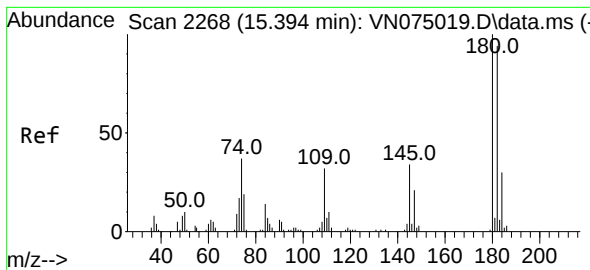
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.431 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

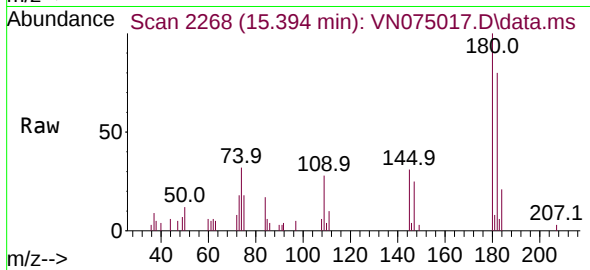
Tgt Ion: 75 Resp: 3897
Ion Ratio Lower Upper
75 100
155 75.0 42.1 126.3
157 94.5 51.7 155.1





#93
1,2,4-Trichlorobenzene
Concen: 9.780 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

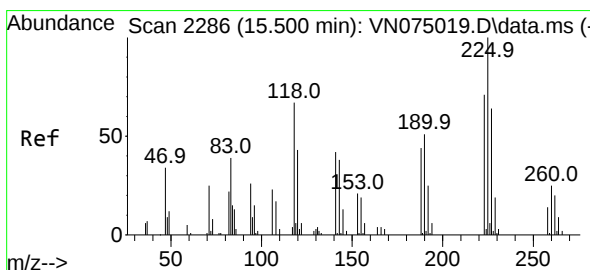
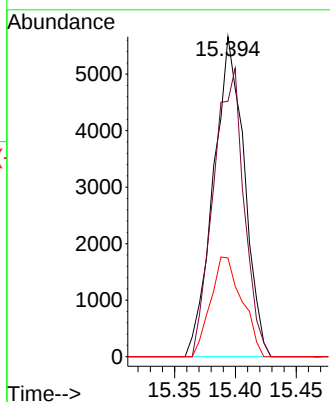
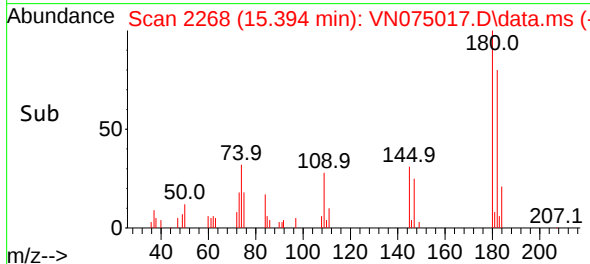
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



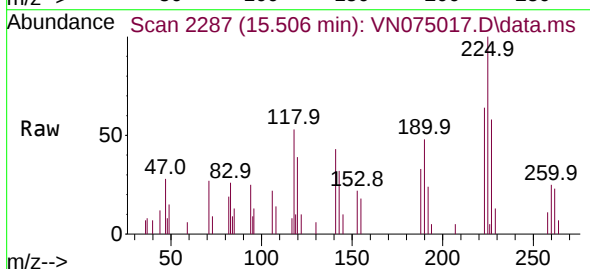
Tgt Ion:180 Resp: 9990
Ion Ratio Lower Upper
180 100
182 89.2 47.8 143.4
145 31.7 16.8 50.3

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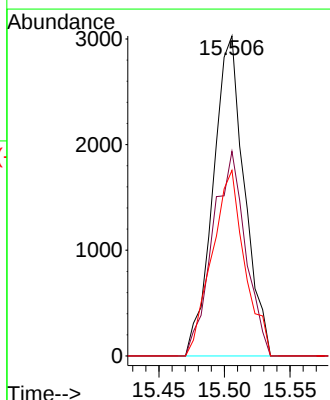
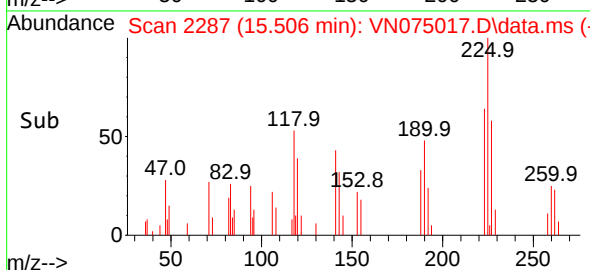
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

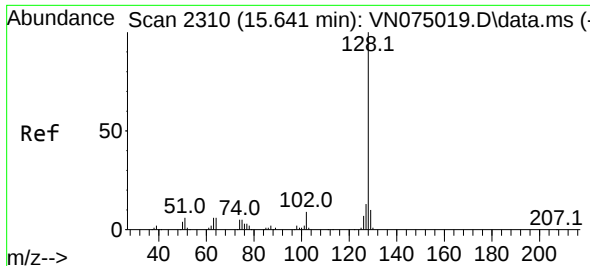


#94
Hexachlorobutadiene
Concen: 10.079 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.006 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25



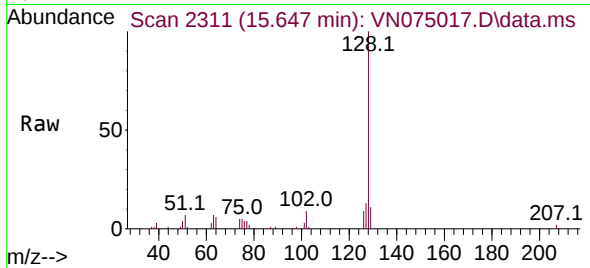
Tgt Ion:225 Resp: 5019
Ion Ratio Lower Upper
225 100
223 67.5 32.3 96.9
227 60.6 32.0 96.2





#95
Naphthalene
Concen: 9.598 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25

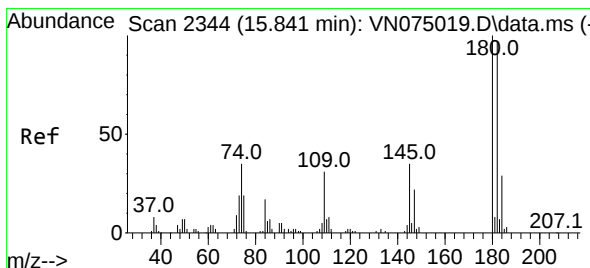
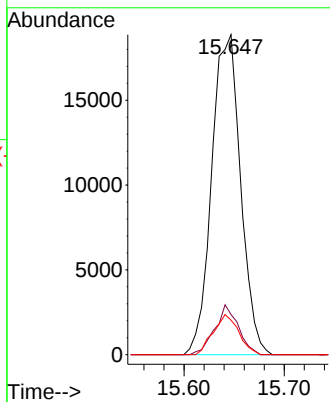
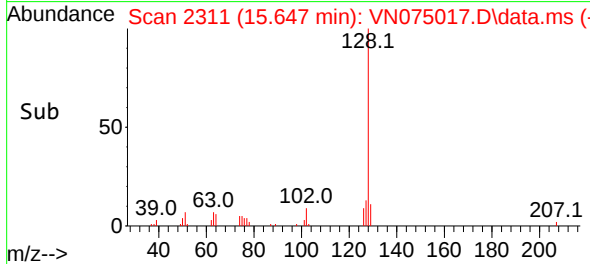
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



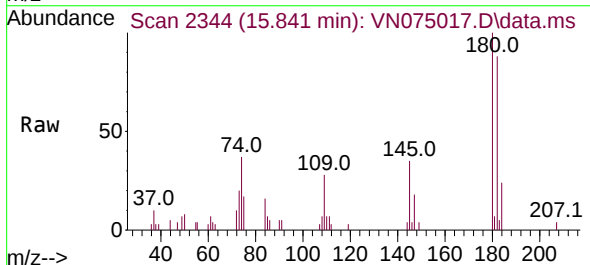
Tgt Ion:128 Resp: 3770
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 11.0 8.6 12.8

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 10.110 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075017.D
Acq: 26 Oct 2022 11:25



Tgt Ion:180 Resp: 10261
Ion Ratio Lower Upper
180 100
182 91.4 47.3 141.8
145 34.1 17.6 52.9

