

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102722\
 Data File : VN075035.D
 Acq On : 27 Oct 2022 12:55
 Operator : JC\MD
 Sample : VN1027WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/28/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 28 02:13:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	97120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	180179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	169873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	78966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	70497	53.873	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.740%			
35) Dibromofluoromethane	8.177	113	55039	52.034	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.060%			
50) Toluene-d8	10.571	98	210622	51.324	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.640%			
62) 4-Bromofluorobenzene	12.847	95	74982	52.014	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	25924	20.519	ug/l	97
3) Chloromethane	2.377	50	27352	20.382	ug/l	96
4) Vinyl Chloride	2.524	62	38352	20.033	ug/l	92
5) Bromomethane	2.942	94	31358	19.962	ug/l	100
6) Chloroethane	3.112	64	29096	21.195	ug/l	94
7) Trichlorofluoromethane	3.506	101	38999	19.941	ug/l	97
8) Diethyl Ether	3.971	74	15567	21.823	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	21722	20.112	ug/l	98
10) Methyl Iodide	4.600	142	32127	19.981	ug/l	95
11) Tert butyl alcohol	5.541	59	31601	103.554	ug/l	97
12) 1,1-Dichloroethene	4.347	96	20177	19.599	ug/l	98
13) Acrolein	4.195	56	23620	94.628	ug/l	99
14) Allyl chloride	5.030	41	27464	18.266	ug/l	94
15) Acrylonitrile	5.736	53	68379	106.073	ug/l	99
16) Acetone	4.442	43	58532	105.637	ug/l	98
17) Carbon Disulfide	4.718	76	48412	18.700	ug/l	97
18) Methyl Acetate	5.036	43	37984	20.987	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	79753	20.843	ug/l	100
20) Methylene Chloride	5.289	84	25458	20.607	ug/l #	93
21) trans-1,2-Dichloroethene	5.794	96	21218	18.824	ug/l	94
22) Diisopropyl ether	6.683	45	67586	20.369	ug/l	99
23) Vinyl Acetate	6.618	43	287185m	103.645	ug/l	
24) 1,1-Dichloroethane	6.577	63	41463	19.758	ug/l	95
25) 2-Butanone	7.494	43	91401	104.876	ug/l	98
26) 2,2-Dichloropropane	7.494	77	36682	19.000	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	26967	20.033	ug/l	100
28) Bromochloromethane	7.818	49	18567	20.988	ug/l	95
29) Tetrahydrofuran	7.847	42	59194	105.109	ug/l	97
30) Chloroform	7.971	83	43804	19.225	ug/l	99
31) Cyclohexane	8.259	56	36206	18.603	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	41368	19.993	ug/l	95
36) 1,1-Dichloropropene	8.377	75	32265	19.703	ug/l	98
37) Ethyl Acetate	7.571	43	37543	20.905	ug/l	96
38) Carbon Tetrachloride	8.371	117	34936	19.394	ug/l	94
39) Methylcyclohexane	9.606	83	42773	19.785	ug/l	97
40) Benzene	8.606	78	101688	20.281	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	17952	20.864	ug/l	99
42) 1,2-Dichloroethane	8.677	62	38042	20.854	ug/l	99
43) Isopropyl Acetate	8.694	43	59425	21.332	ug/l	99
44) Trichloroethene	9.353	130	24667	19.609	ug/l	96
45) 1,2-Dichloropropane	9.629	63	25438	21.319	ug/l	95
46) Dibromomethane	9.712	93	19706	21.198	ug/l	96
47) Bromodichloromethane	9.888	83	36751	20.414	ug/l	100
48) Methyl methacrylate	9.682	41	25921	20.285	ug/l	99
49) 1,4-Dioxane	9.700	88	13861	414.239	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	189239	105.273	ug/l	99
52) Toluene	10.635	92	67605	20.170	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	38688	20.360	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	41328	20.506	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	27007	20.322	ug/l	99
56) Ethyl methacrylate	10.876	69	42843	21.134	ug/l	98
57) 1,3-Dichloropropane	11.165	76	46838	21.163	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	77850	99.336	ug/l	97
59) 2-Hexanone	11.200	43	143265	105.009	ug/l	99
60) Dibromochloromethane	11.359	129	27658	19.726	ug/l	100
61) 1,2-Dibromoethane	11.471	107	28720	21.087	ug/l	99
64) Tetrachloroethene	11.106	164	20099	19.299	ug/l	93
65) Chlorobenzene	11.894	112	70337	19.398	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	25988	19.321	ug/l	98
67) Ethyl Benzene	11.965	91	127449	19.536	ug/l	96
68) m/p-Xylenes	12.076	106	101578	38.806	ug/l	96
69) o-Xylene	12.400	106	51007	19.704	ug/l	99
70) Styrene	12.412	104	80595	19.526	ug/l	99
71) Bromoform	12.582	173	19178	19.043	ug/l #	95
73) Isopropylbenzene	12.700	105	130405	20.570	ug/l	99
74) N-amyl acetate	12.494	43	50411	21.500	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	44551	22.237	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	34515m	20.586	ug/l	
77) Bromobenzene	12.982	156	29040	20.804	ug/l	98
78) n-propylbenzene	13.041	91	149919	21.063	ug/l	97
79) 2-Chlorotoluene	13.129	91	90117	20.720	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	110178	20.692	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	12613	19.311	ug/l	99
82) 4-Chlorotoluene	13.129	91	90117	20.720	ug/l	99
83) tert-Butylbenzene	13.441	119	94241	19.919	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	113147	21.002	ug/l	99
85) sec-Butylbenzene	13.617	105	134462	20.315	ug/l	98
86) p-Isopropyltoluene	13.729	119	111413	20.382	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	54073	19.785	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	53924	19.936	ug/l	99
89) n-Butylbenzene	14.059	91	91110	20.698	ug/l	99
90) Hexachloroethane	14.335	117	19776	19.732	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	54333	19.997	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9251	21.634	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	23523	20.119	ug/l	99
94) Hexachlorobutadiene	15.506	225	11499	20.174	ug/l	95
95) Naphthalene	15.641	128	93131	20.713	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	23922	20.592	ug/l	100

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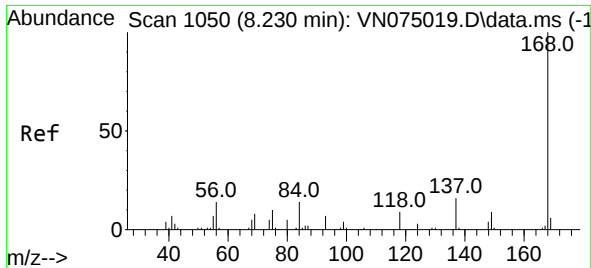
Manual Integrations
APPROVED

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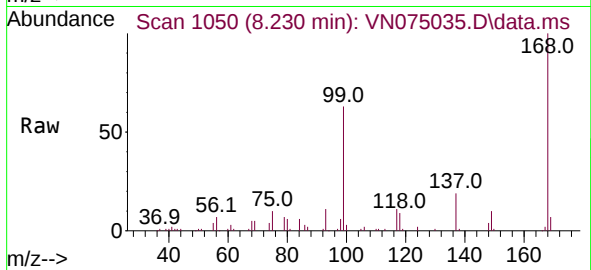
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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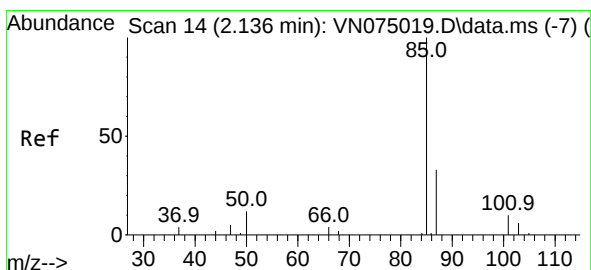
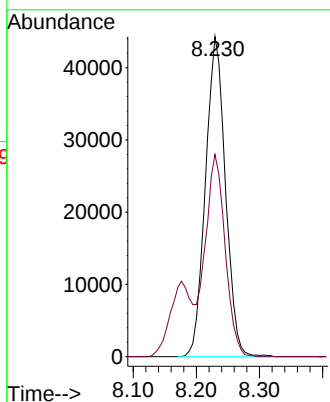
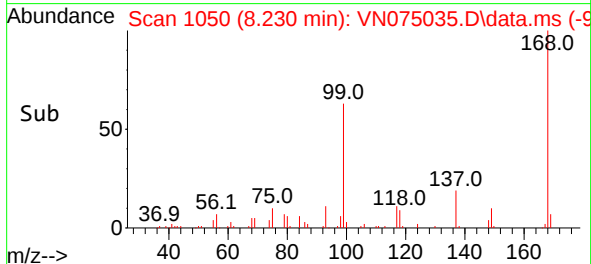
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



Tgt Ion:168 Resp: 97120
Ion Ratio Lower Upper
168 100
99 63.2 51.6 77.4

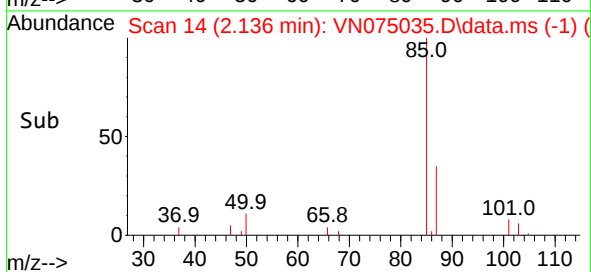
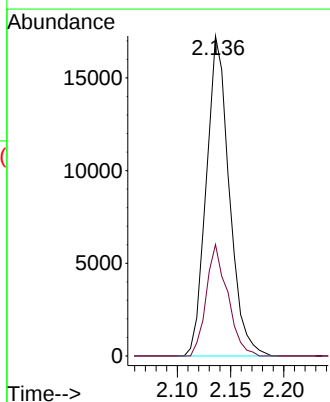
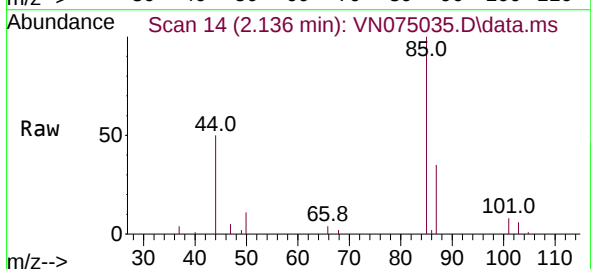
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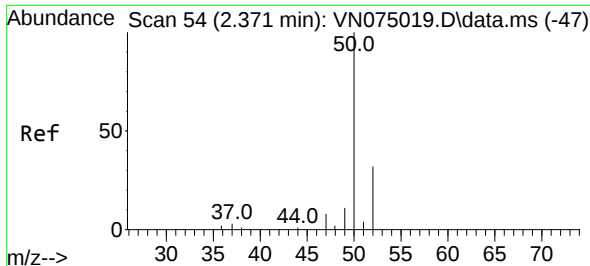
Reviewed By :John Carlone 10/28/2022
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#2
Dichlorodifluoromethane
Concen: 20.519 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

Tgt Ion: 85 Resp: 25924
Ion Ratio Lower Upper
85 100
87 34.8 16.7 50.0





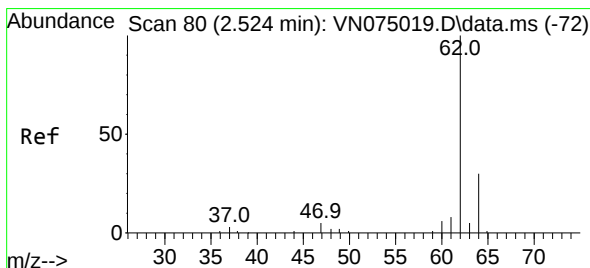
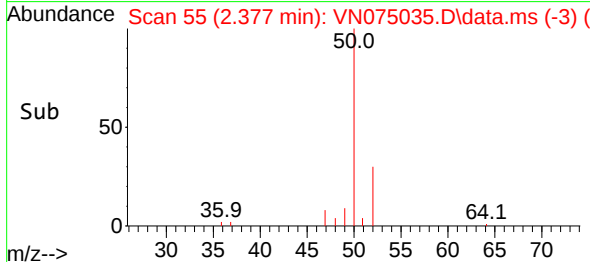
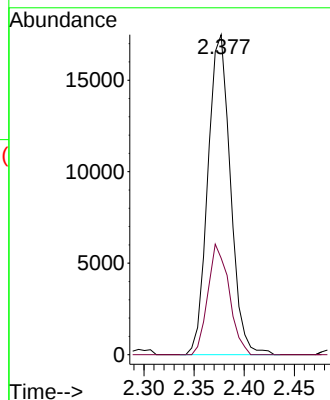
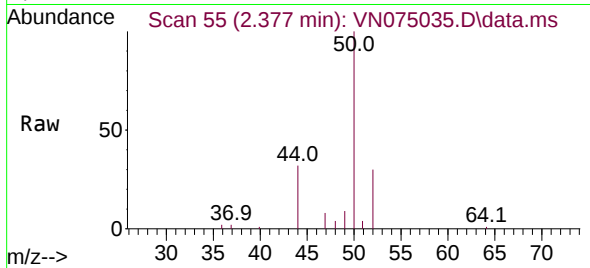
#3
Chloromethane
Concen: 20.382 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

Instrument :
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VN1027WBSD01

Tgt Ion: 50 Resp: 27352
Ion Ratio Lower Upper
50 100
52 30.2 25.8 38.6

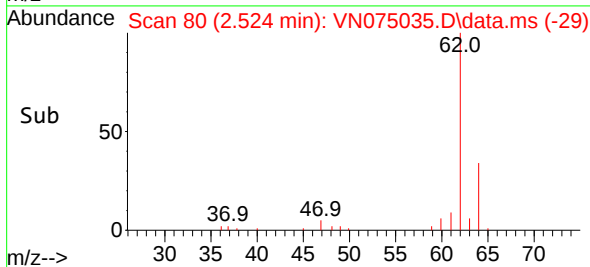
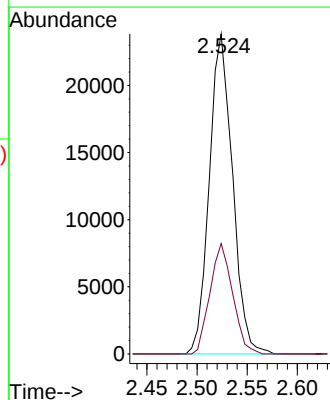
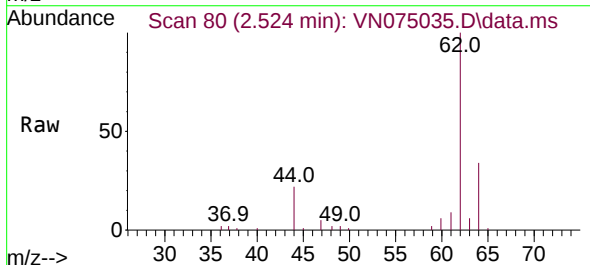
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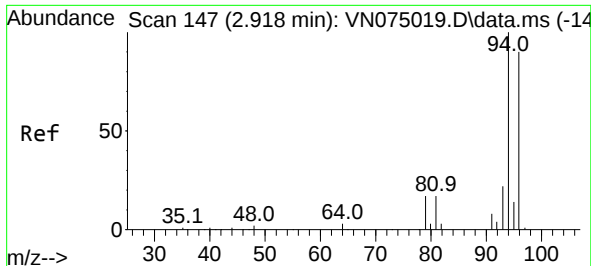
Reviewed By :John Carlone 10/28/2022
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#4
Vinyl Chloride
Concen: 20.033 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

Tgt Ion: 62 Resp: 38352
Ion Ratio Lower Upper
62 100
64 34.5 24.0 36.0





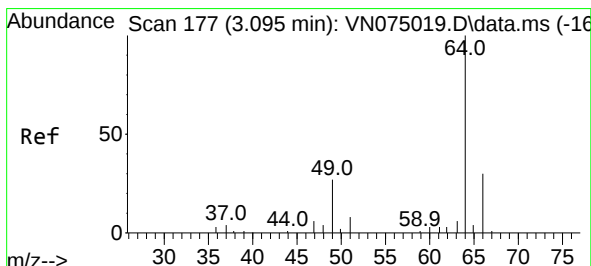
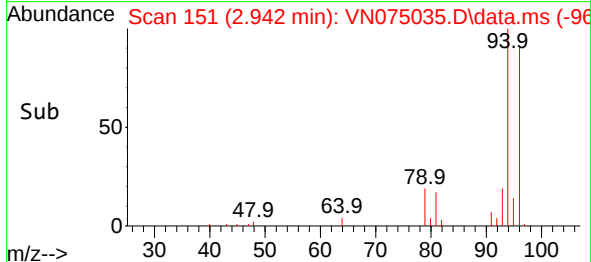
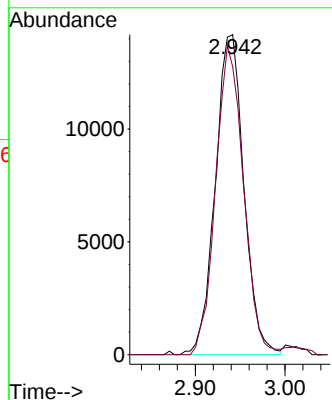
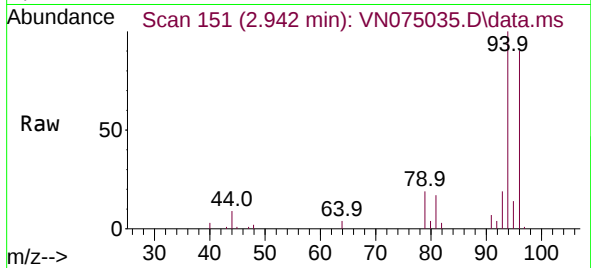
#5
Bromomethane
Concen: 19.962 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN075035.D
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Instrument :
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Tgt Ion: 94 Resp: 31358
Ion Ratio Lower Upper
94 100
96 90.0 71.8 107.6

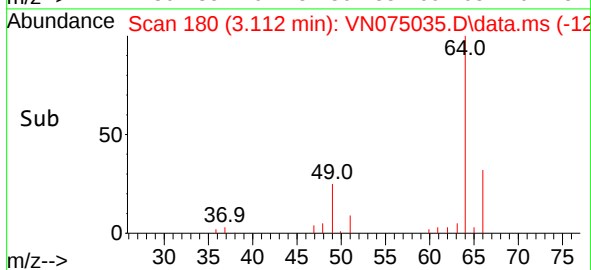
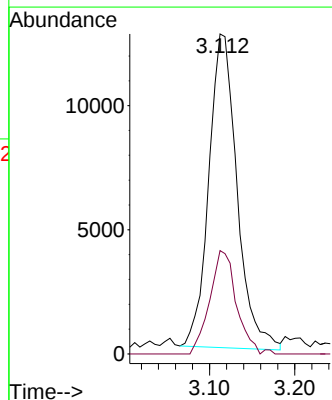
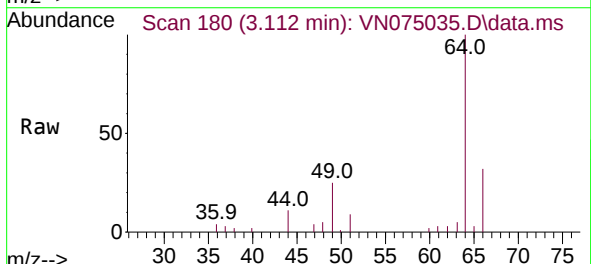
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#6
Chloroethane
Concen: 21.195 ug/l
RT: 3.112 min Scan# 180
Delta R.T. 0.017 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

Tgt Ion: 64 Resp: 29096
Ion Ratio Lower Upper
64 100
66 33.1 23.8 35.8





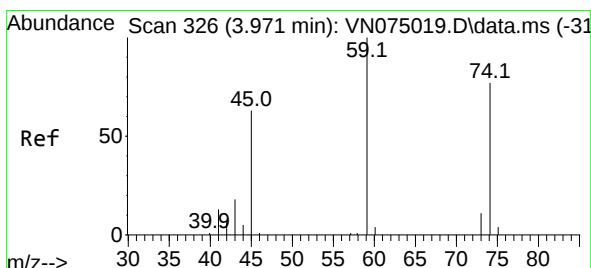
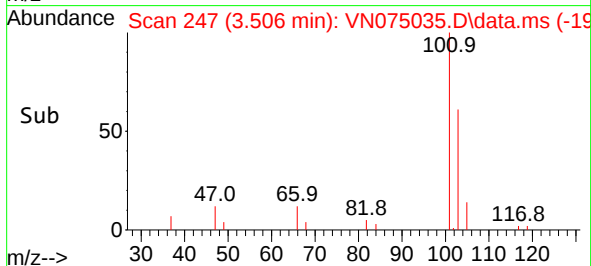
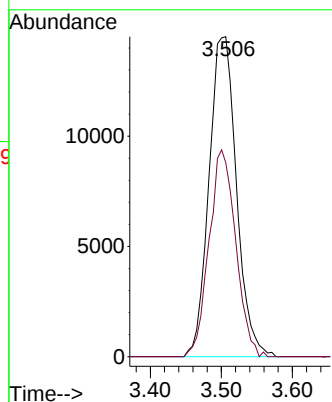
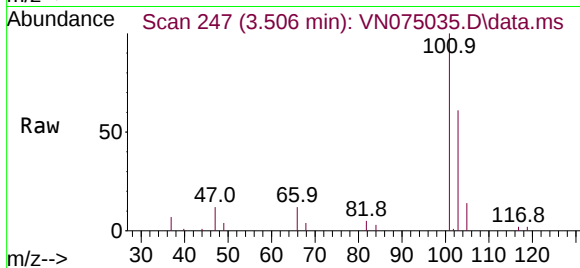
#7
Trichlorofluoromethane
Concen: 19.941 ug/l
RT: 3.506 min Scan# 244
Delta R.T. 0.017 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01

Tgt Ion:101 Resp: 3899
Ion Ratio Lower Upper
101 100
103 60.6 50.5 75.7

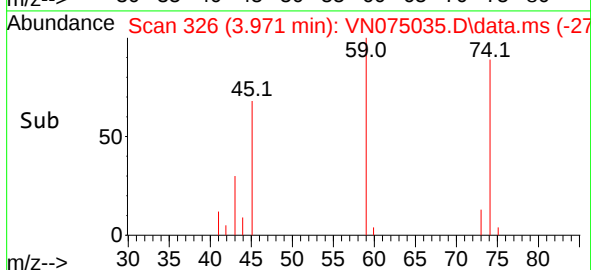
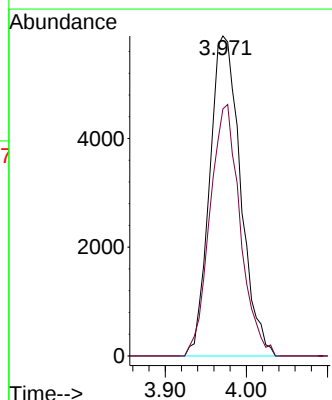
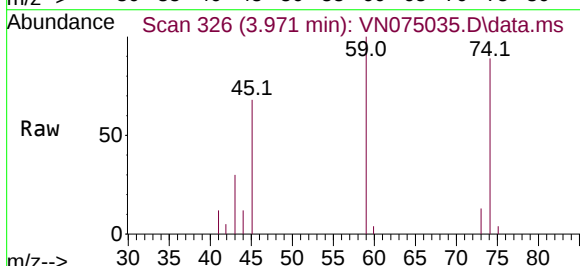
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#8
Diethyl Ether
Concen: 21.823 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

Tgt Ion: 74 Resp: 15567
Ion Ratio Lower Upper
74 100
45 76.8 39.3 117.9





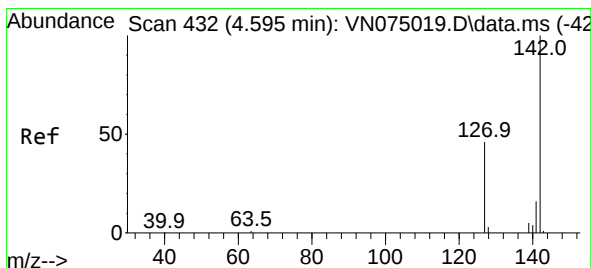
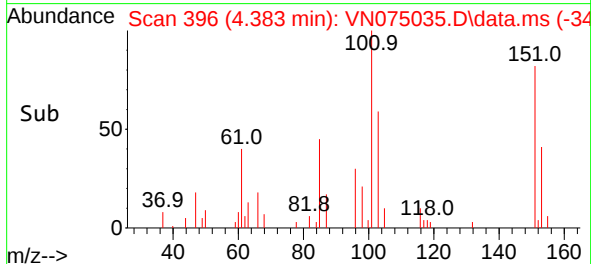
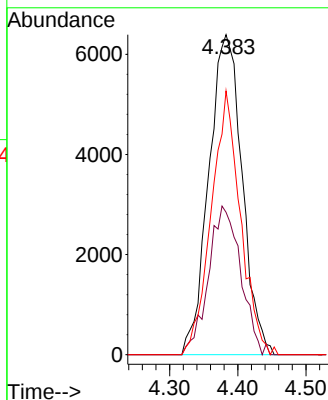
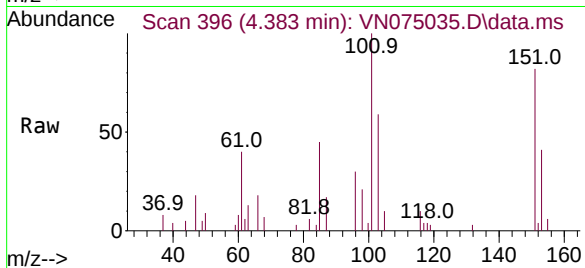
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.112 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 2172
Ion Ratio Lower Upper
101 100
85 45.0 37.6 56.4
151 72.1 58.3 87.5

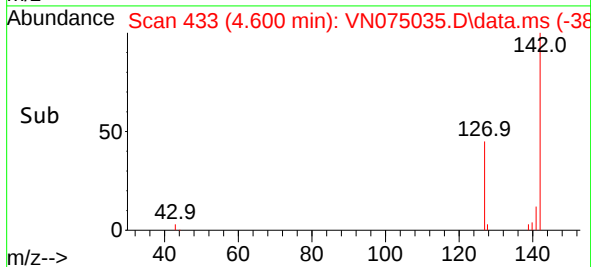
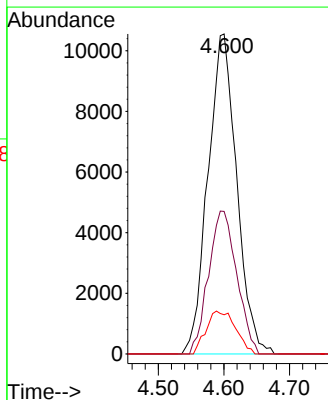
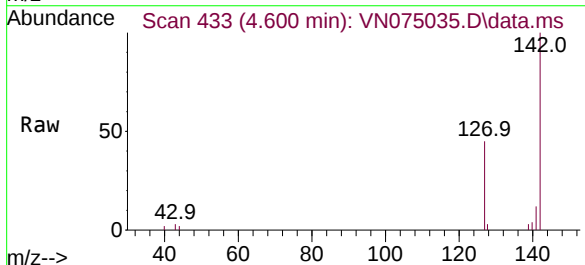
Manual Integrations
APPROVED

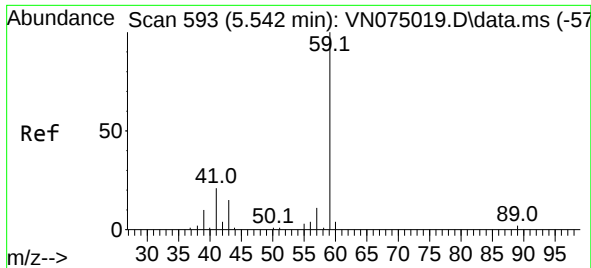
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#10
Methyl Iodide
Concen: 19.981 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.005 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

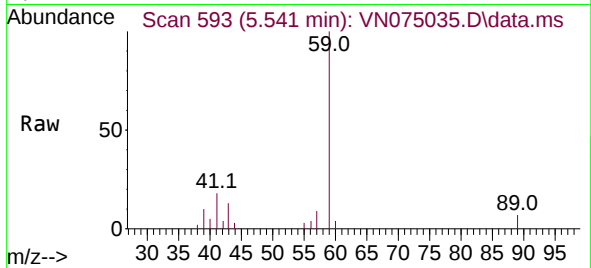
Tgt Ion:142 Resp: 32127
Ion Ratio Lower Upper
142 100
127 43.9 38.0 57.0
141 13.7 12.2 18.4





#11
Tert butyl alcohol
Concen: 103.554 ug/l
RT: 5.541 min Scan# 591
Delta R.T. -0.001 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

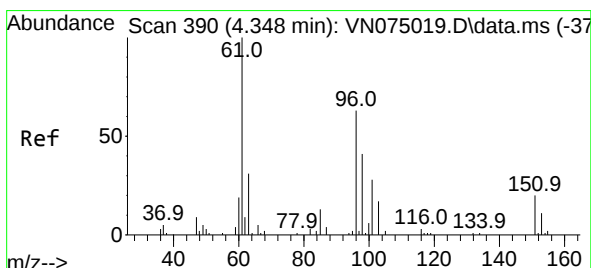
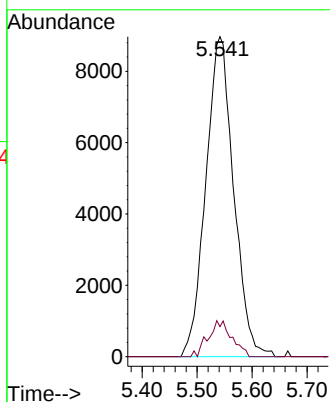
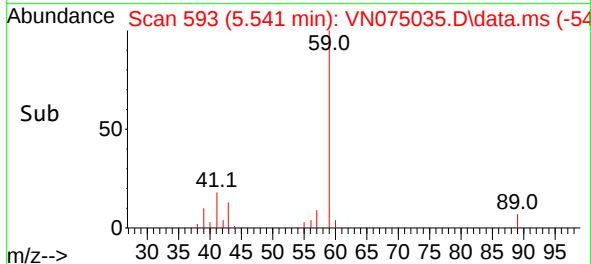
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



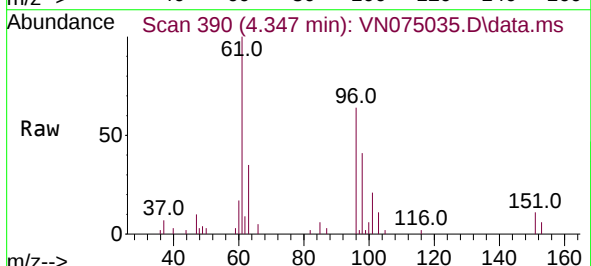
Tgt Ion: 59 Resp: 3160
Ion Ratio Lower Upper
59 100
57 9.5 8.5 12.7

Manual Integrations
APPROVED

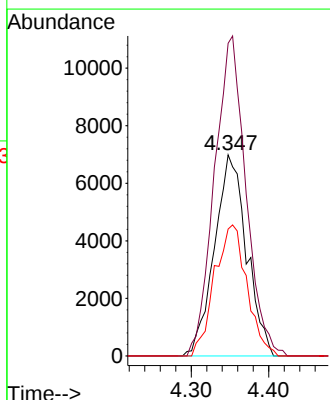
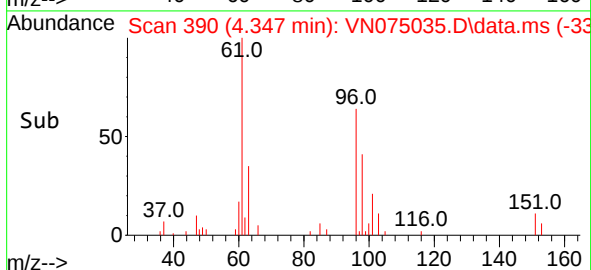
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

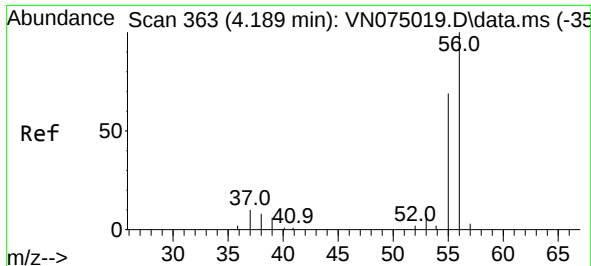


#12
1,1-Dichloroethene
Concen: 19.599 ug/l
RT: 4.347 min Scan# 390
Delta R.T. -0.001 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55



Tgt Ion: 96 Resp: 20177
Ion Ratio Lower Upper
96 100
61 155.4 126.2 189.4
98 63.1 51.5 77.3





#13

Acrolein

Concen: 94.628 ug/l

RT: 4.195 min Scan# 30

Delta R.T. 0.006 min

Lab File: VN075035.D

Acq: 27 Oct 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBSD01

Tgt Ion: 56 Resp: 23620

Ion Ratio Lower Upper

56 100

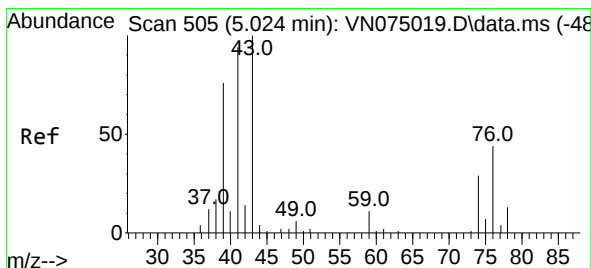
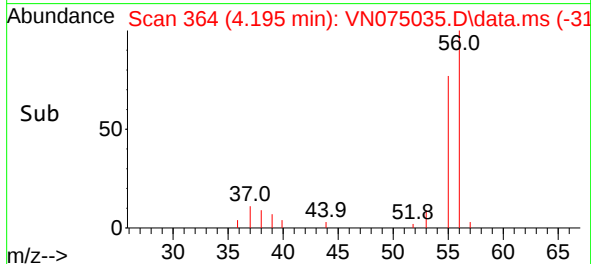
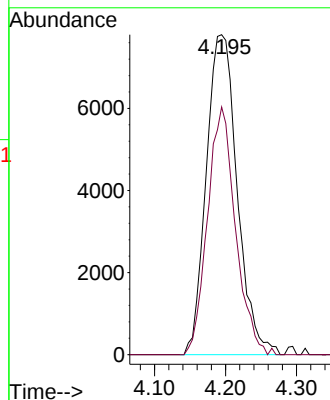
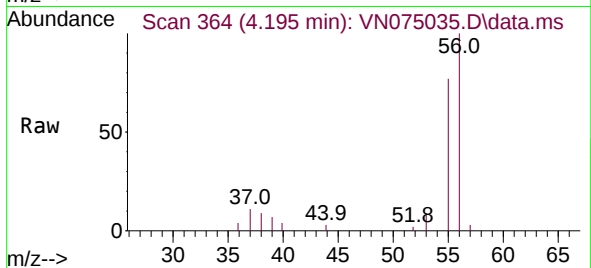
55 70.0 55.2 82.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#14

Allyl chloride

Concen: 18.266 ug/l

RT: 5.030 min Scan# 506

Delta R.T. 0.006 min

Lab File: VN075035.D

Acq: 27 Oct 2022 12:55

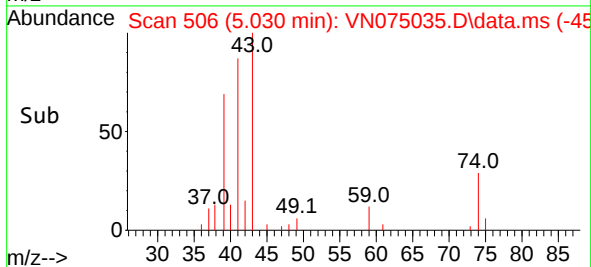
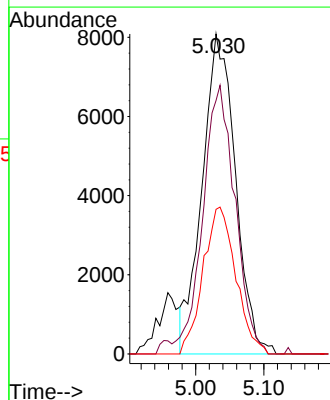
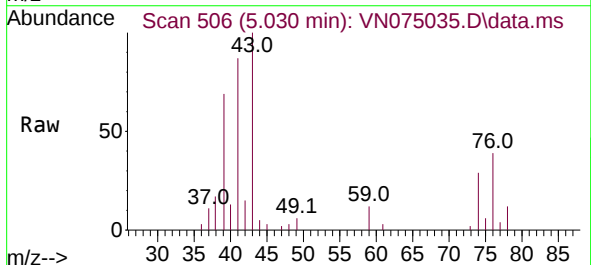
Tgt Ion: 41 Resp: 27464

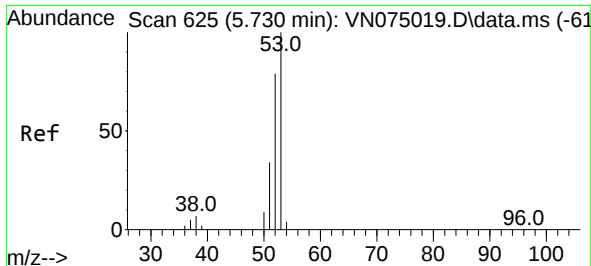
Ion Ratio Lower Upper

41 100

39 81.4 61.0 91.4

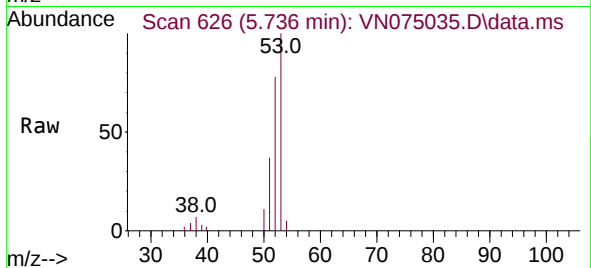
76 45.1 33.4 50.0





#15
Acrylonitrile
Concen: 106.073 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

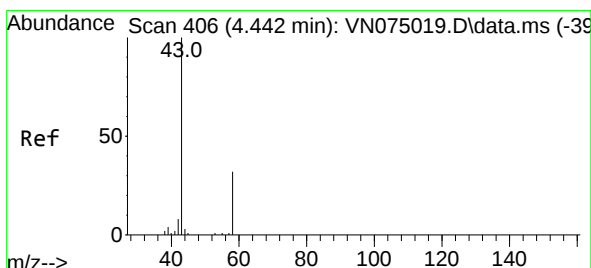
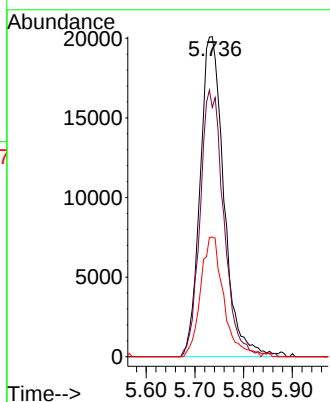
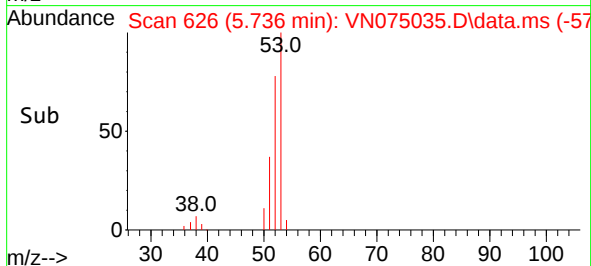
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



Tgt Ion: 53 Resp: 68379
Ion Ratio Lower Upper
53 100
52 82.8 66.4 99.6
51 36.1 29.6 44.4

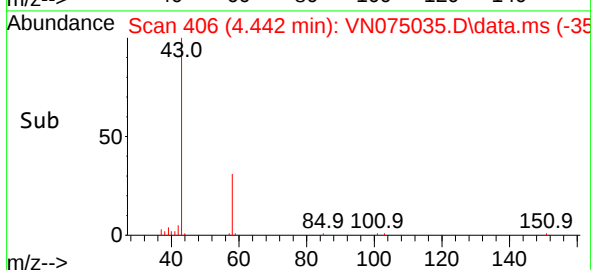
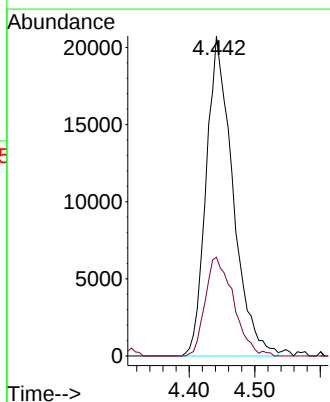
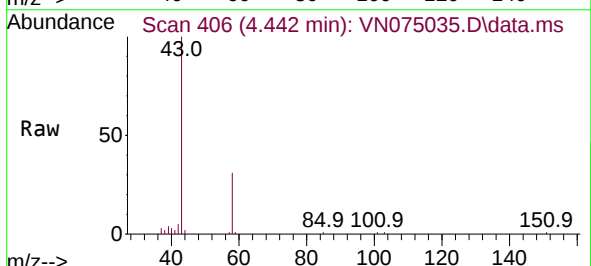
Manual Integrations
APPROVED

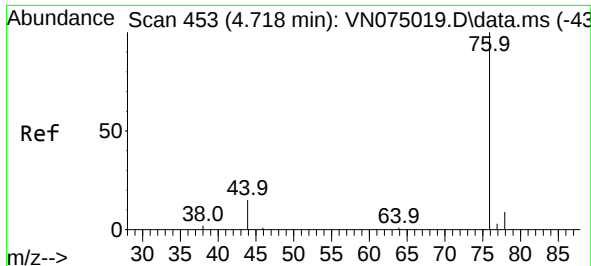
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#16
Acetone
Concen: 105.637 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

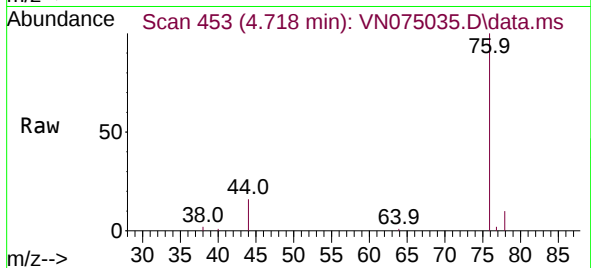
Tgt Ion: 43 Resp: 58532
Ion Ratio Lower Upper
43 100
58 30.8 25.5 38.3





#17
Carbon Disulfide
Concen: 18.700 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

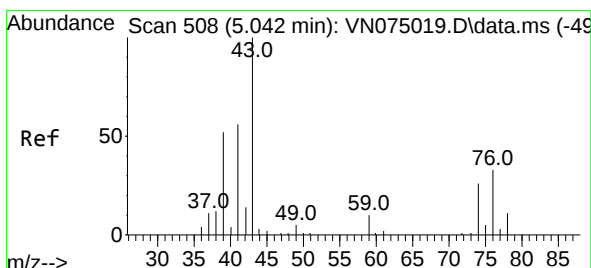
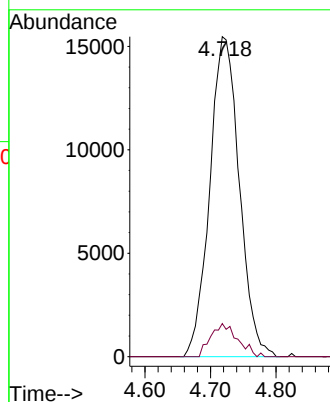
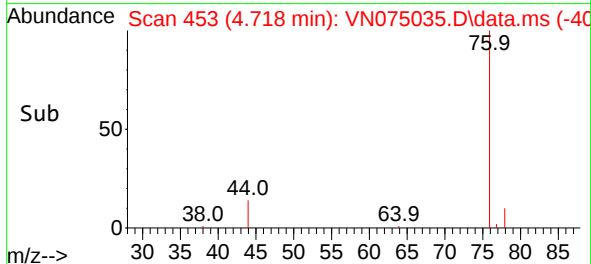
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



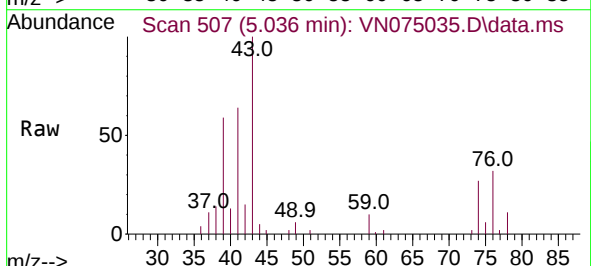
Tgt Ion: 76 Resp: 4841
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.2

Manual Integrations
APPROVED

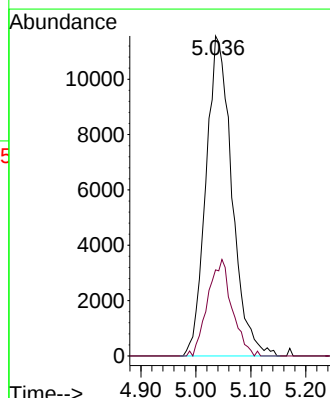
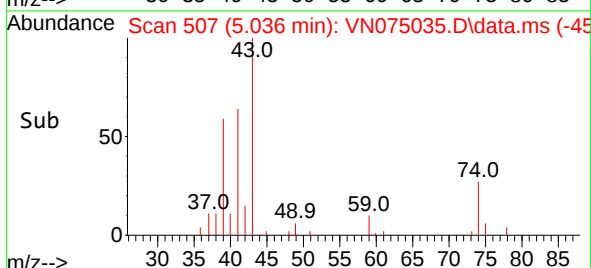
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

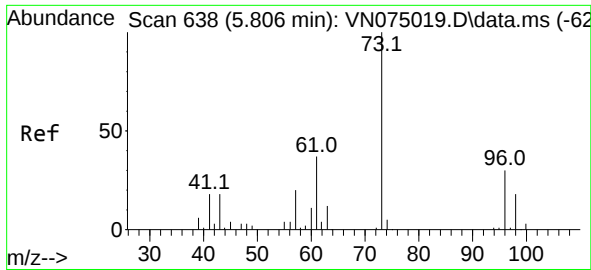


#18
Methyl Acetate
Concen: 20.987 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55



Tgt Ion: 43 Resp: 37984
Ion Ratio Lower Upper
43 100
74 28.3 22.0 33.0





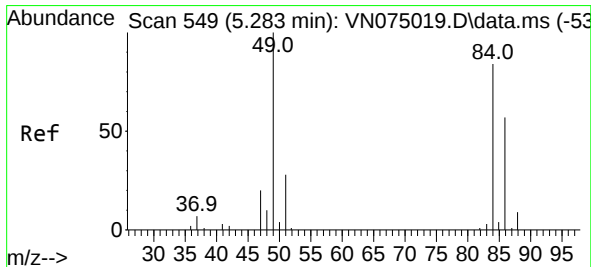
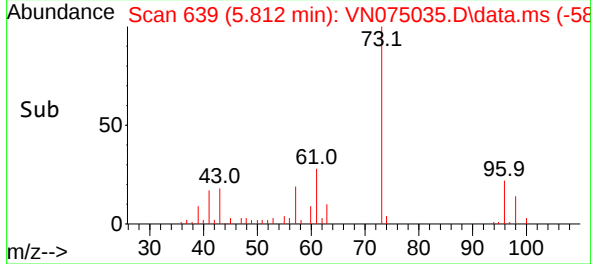
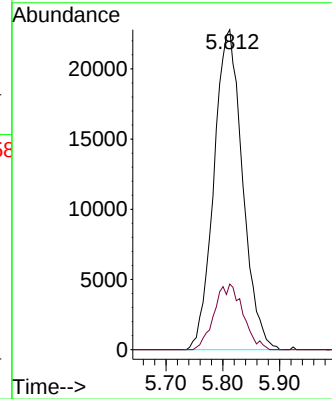
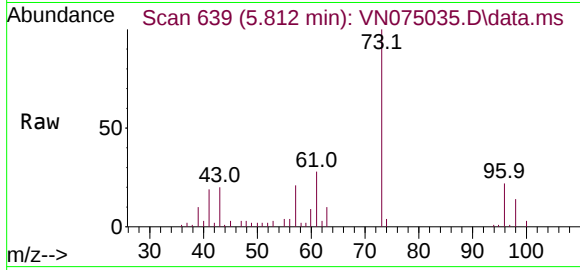
#19
Methyl tert-butyl Ether
Concen: 20.843 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01

Tgt Ion: 73 Resp: 7975
Ion Ratio Lower Upper
73 100
57 20.5 16.3 24.5

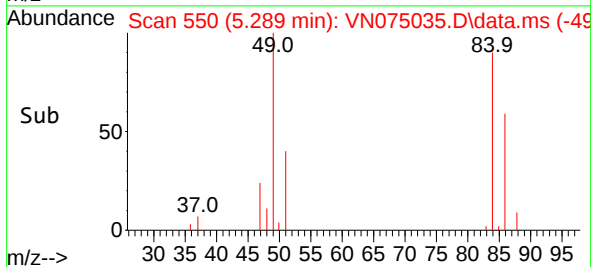
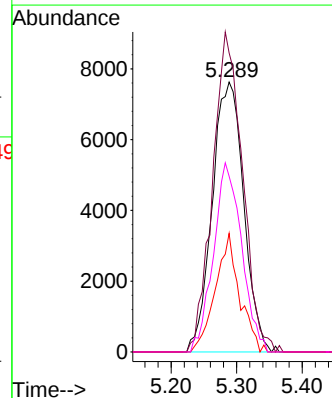
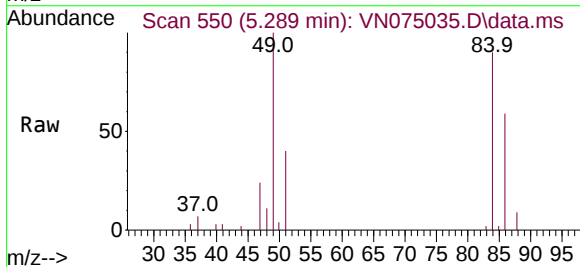
Manual Integrations
APPROVED

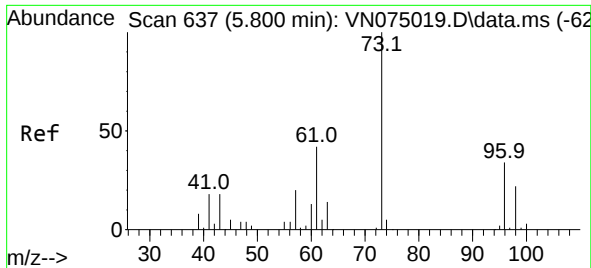
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#20
Methylene Chloride
Concen: 20.607 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.006 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

Tgt Ion: 84 Resp: 25458
Ion Ratio Lower Upper
84 100
49 110.8 94.9 142.3
51 43.9 26.8 40.2#
86 65.1 53.7 80.5





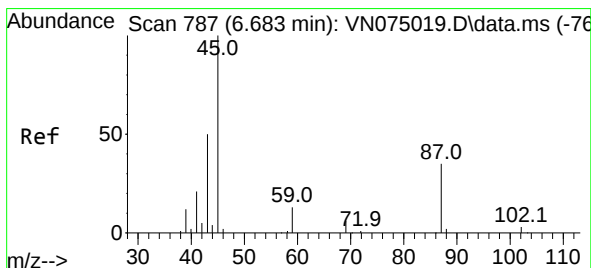
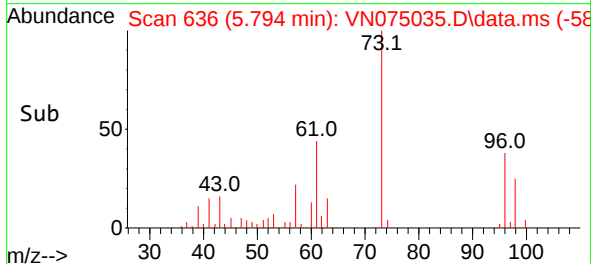
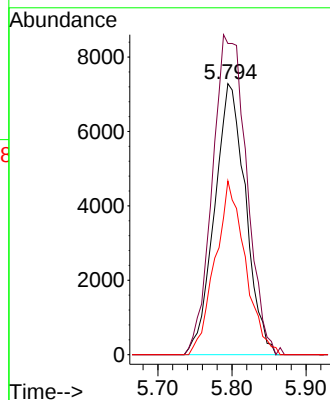
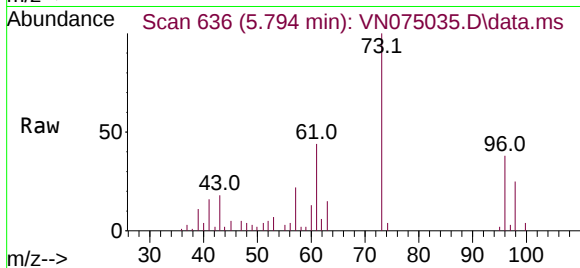
#21
trans-1,2-Dichloroethene
Concen: 18.824 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01

Tgt Ion: 96 Resp: 21218
Ion Ratio Lower Upper
96 100
61 114.8 99.9 149.9
98 64.1 51.5 77.3

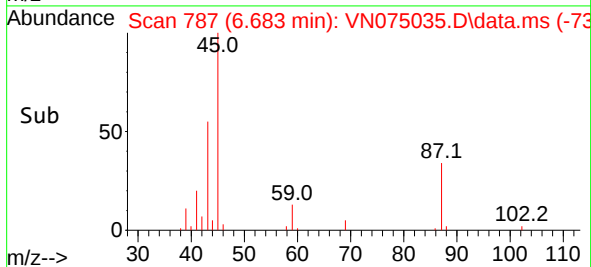
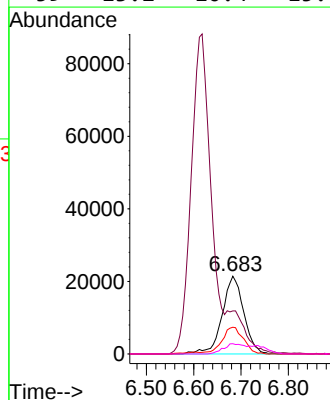
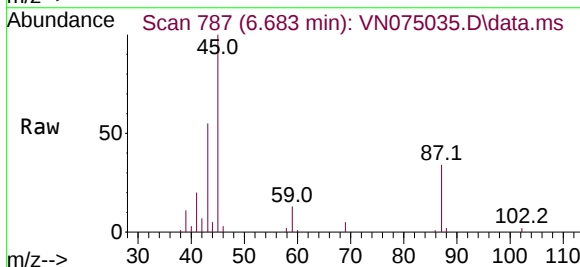
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#22
Diisopropyl ether
Concen: 20.369 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

Tgt Ion: 45 Resp: 67586
Ion Ratio Lower Upper
45 100
43 54.0 42.8 64.2
87 34.5 28.4 42.6
59 13.2 10.4 15.6





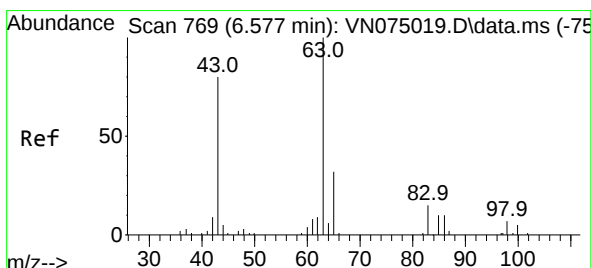
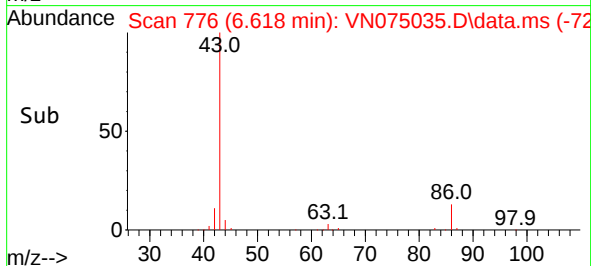
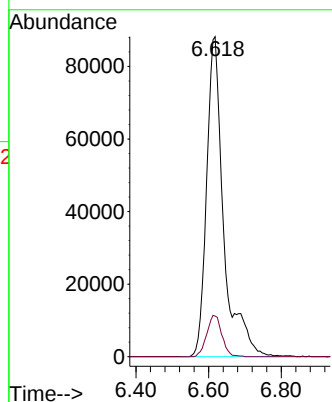
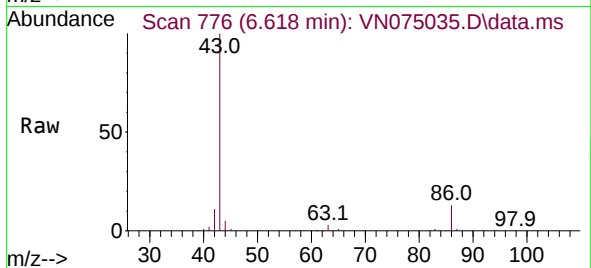
#23
 Vinyl Acetate
 Concen: 103.645 ug/l m
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN075035.D
 Acq: 27 Oct 2022 12:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBSD01

Tgt Ion: 43 Resp: 28718
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.7 16.1

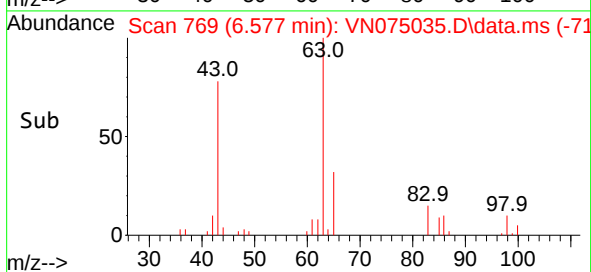
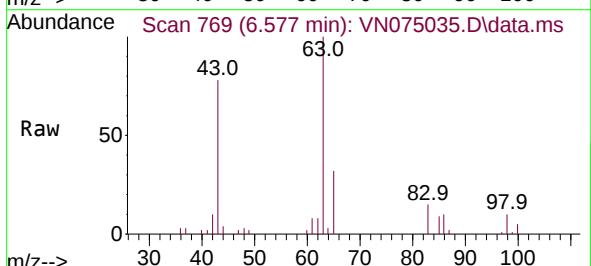
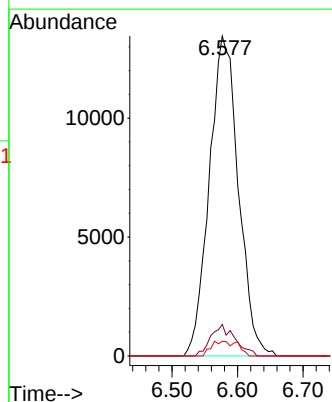
Manual Integrations
 APPROVED

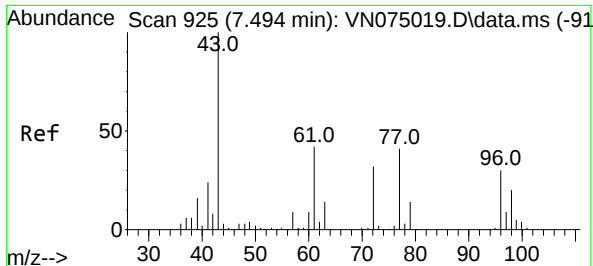
Reviewed By :John Carlone 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#24
 1,1-Dichloroethane
 Concen: 19.758 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075035.D
 Acq: 27 Oct 2022 12:55

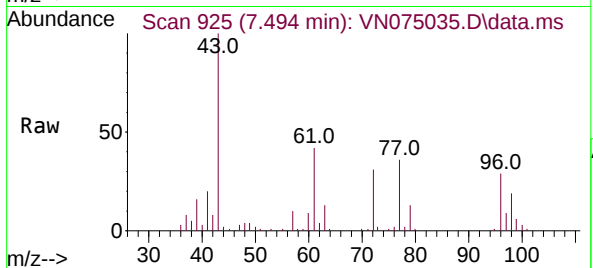
Tgt Ion: 63 Resp: 41463
 Ion Ratio Lower Upper
 63 100
 98 9.9 3.6 10.8
 100 4.6 2.4 7.2





#25
2-Butanone
Concen: 104.876 ug/l
RT: 7.494 min Scan# 9140
Delta R.T. 0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

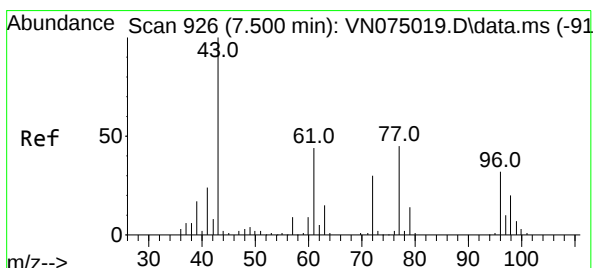
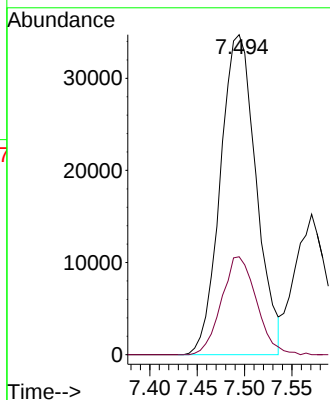
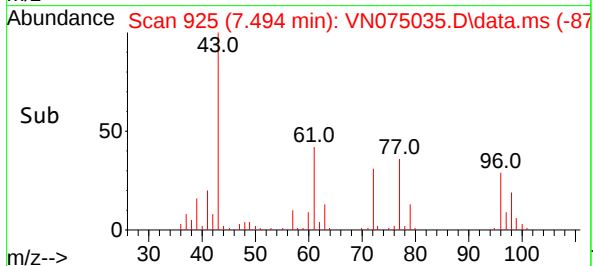
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



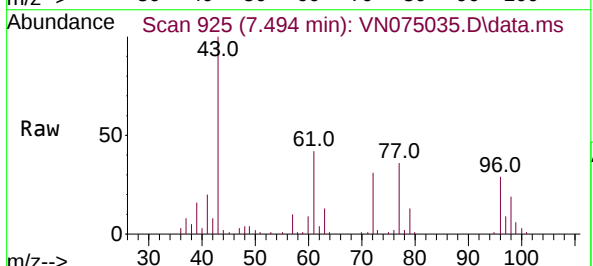
Tgt Ion: 43 Resp: 9140
Ion Ratio Lower Upper
43 100
72 30.6 25.5 38.3

Manual Integrations
APPROVED

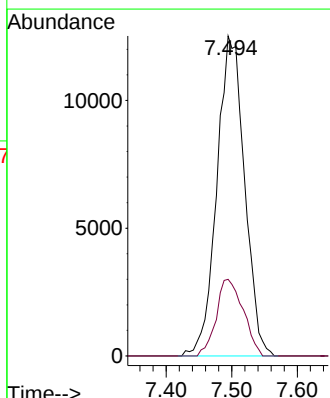
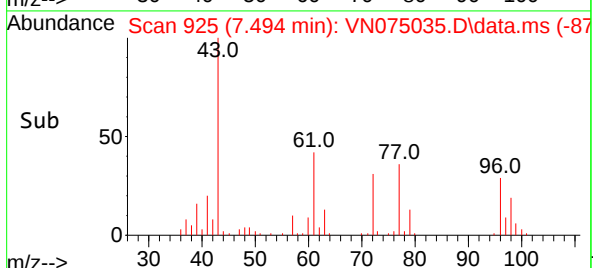
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

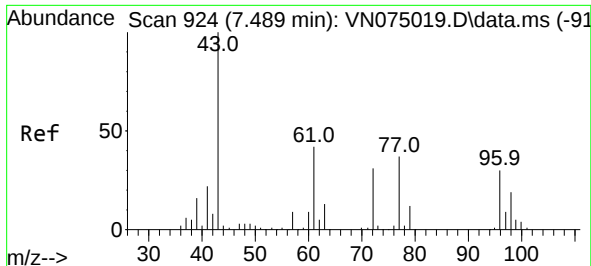


#26
2,2-Dichloropropane
Concen: 19.000 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.006 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55



Tgt Ion: 77 Resp: 36682
Ion Ratio Lower Upper
77 100
97 23.3 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 20.033 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.005 min

Lab File: VN075035.D

Acq: 27 Oct 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBSD01

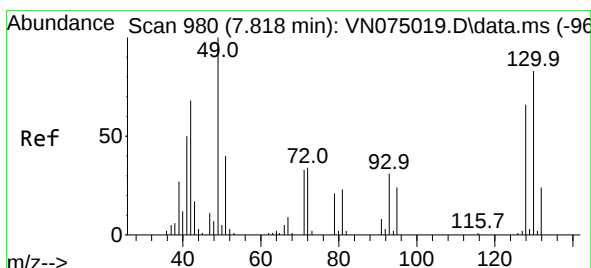
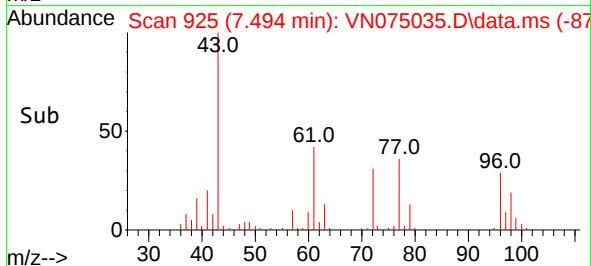
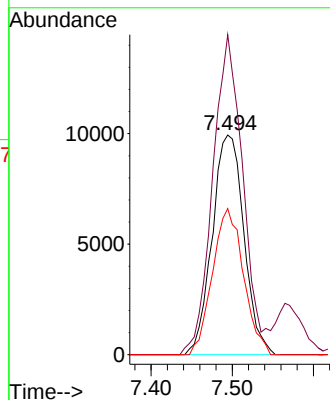
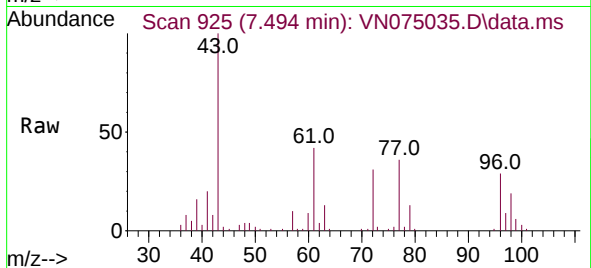
Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.4	0.0	278.8
98	65.0	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#28

Bromochloromethane

Concen: 20.988 ug/l

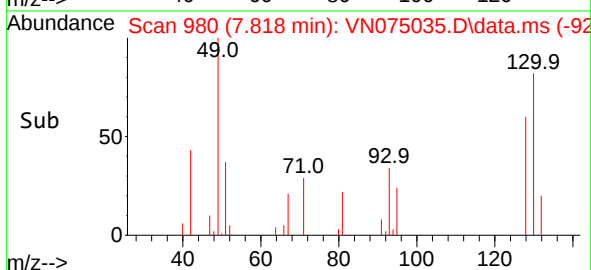
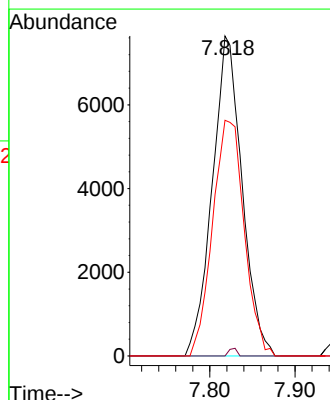
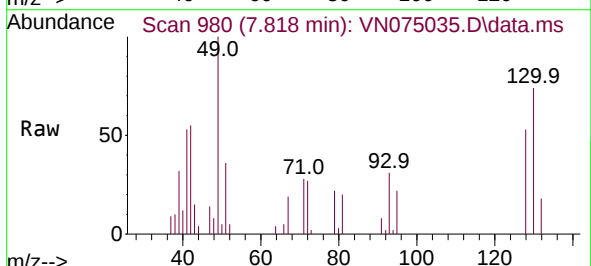
RT: 7.818 min Scan# 980

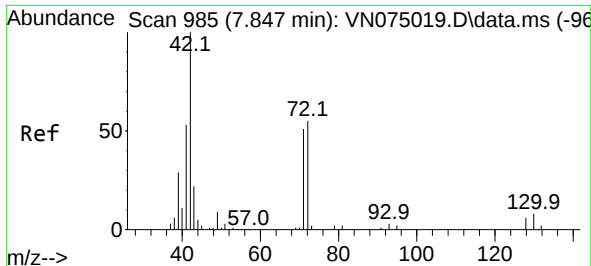
Delta R.T. -0.000 min

Lab File: VN075035.D

Acq: 27 Oct 2022 12:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	4.6
130	78.2	66.2	99.4





#29

Tetrahydrofuran

Concen: 105.109 ug/l

RT: 7.847 min Scan# 985

Delta R.T. 0.000 min

Lab File: VN075035.D

Acq: 27 Oct 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBSD01

Tgt Ion: 42 Resp: 59194

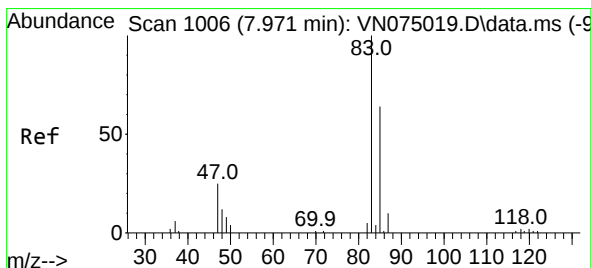
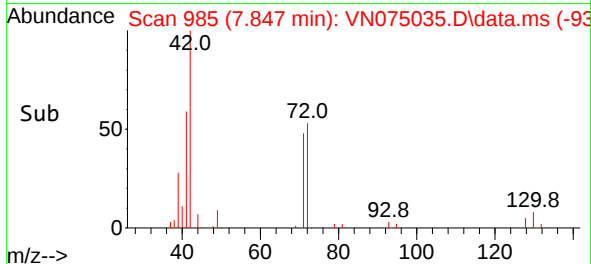
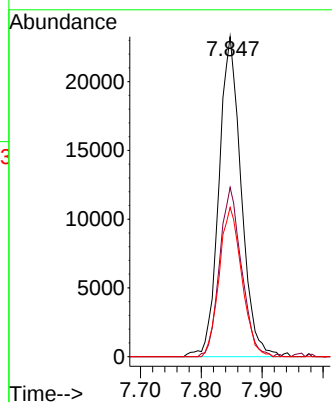
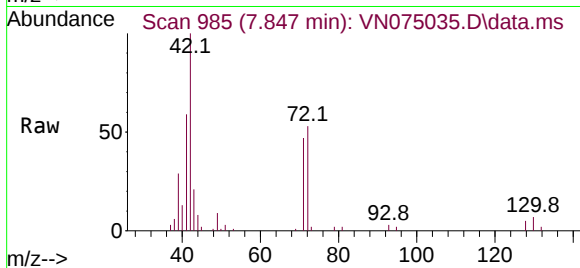
Ion	Ratio	Lower	Upper
42	100		
72	51.9	43.0	64.6
71	47.1	39.9	59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#30

Chloroform

Concen: 19.225 ug/l

RT: 7.971 min Scan# 1006

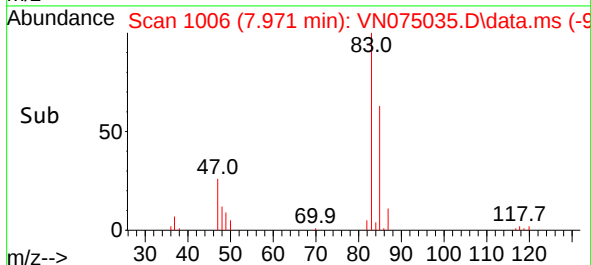
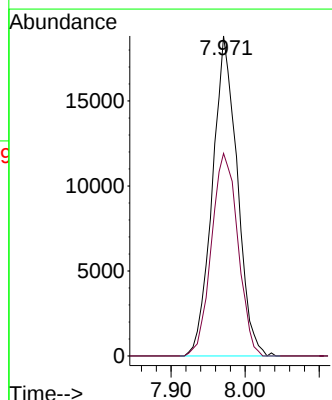
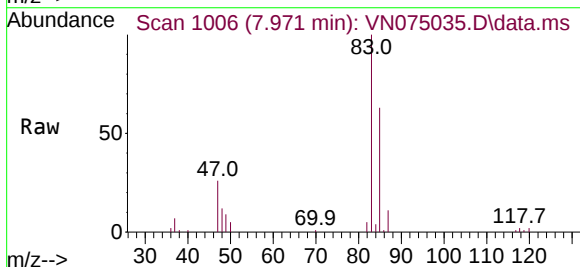
Delta R.T. -0.000 min

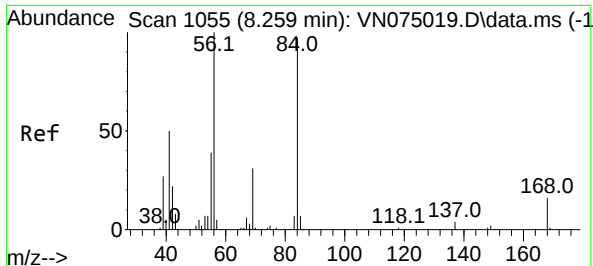
Lab File: VN075035.D

Acq: 27 Oct 2022 12:55

Tgt Ion: 83 Resp: 43804

Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.4	77.0





#31

Cyclohexane

Concen: 18.603 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VN075035.D

Acq: 27 Oct 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBSD01

Tgt Ion: 56 Resp: 36200

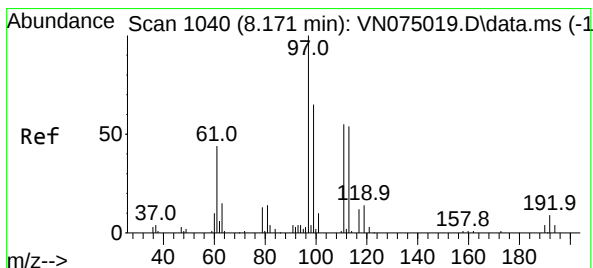
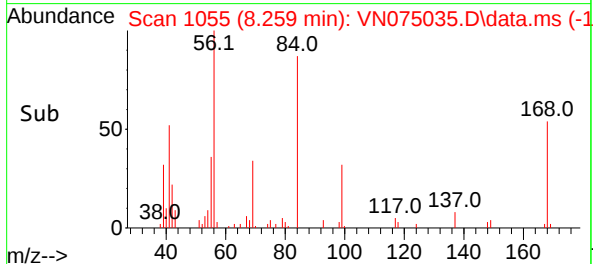
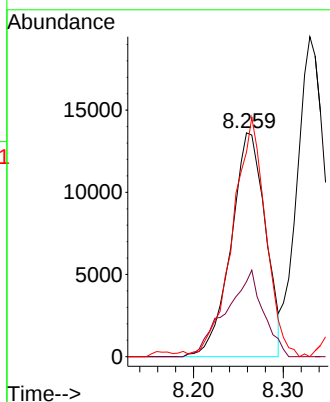
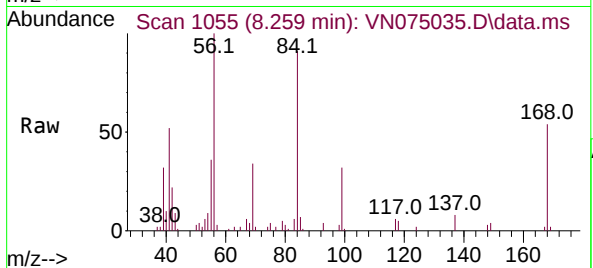
Ion	Ratio	Lower	Upper
56	100		
69	33.5	25.2	37.8
84	89.9	77.8	116.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#32

1,1,1-Trichloroethane

Concen: 19.993 ug/l

RT: 8.177 min Scan# 1041

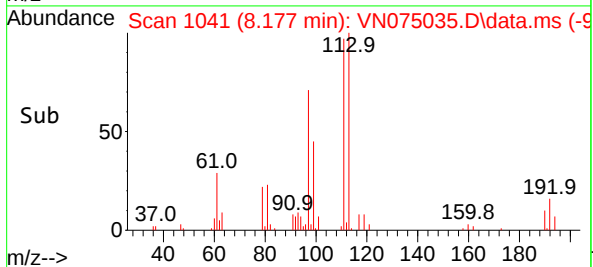
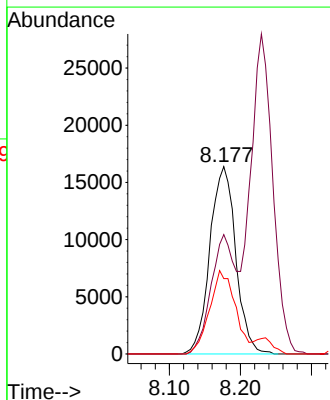
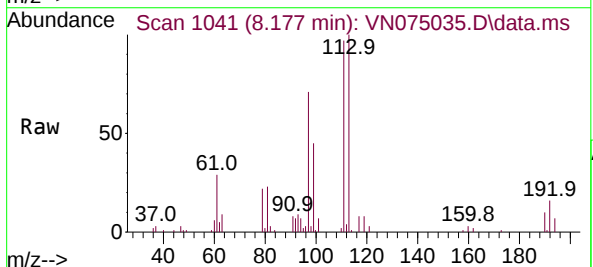
Delta R.T. 0.006 min

Lab File: VN075035.D

Acq: 27 Oct 2022 12:55

Tgt Ion: 97 Resp: 41368

Ion	Ratio	Lower	Upper
97	100		
99	57.2	50.2	75.2
61	45.0	37.0	55.6





#33

1,2-Dichloroethane-d4

Concen: 53.873 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075035.D

Acq: 27 Oct 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBSD01

Tgt Ion: 65 Resp: 7049

Ion Ratio Lower Upper

65 100

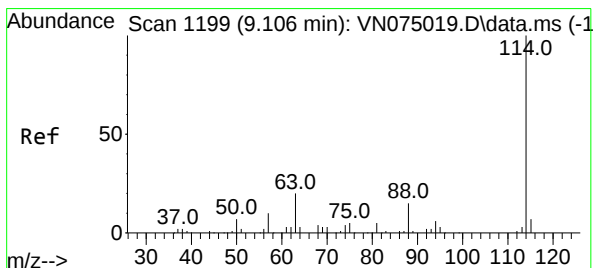
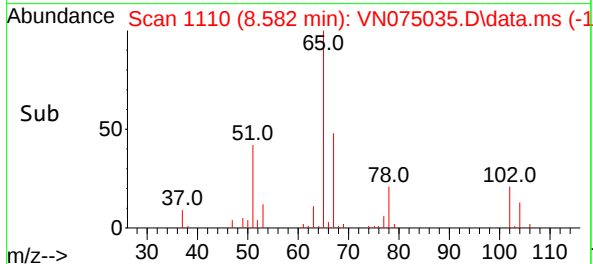
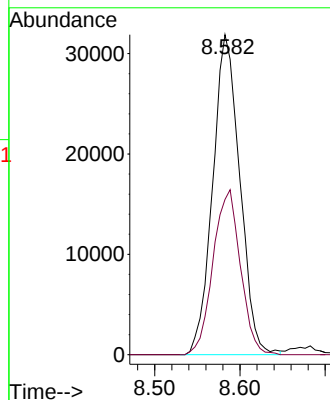
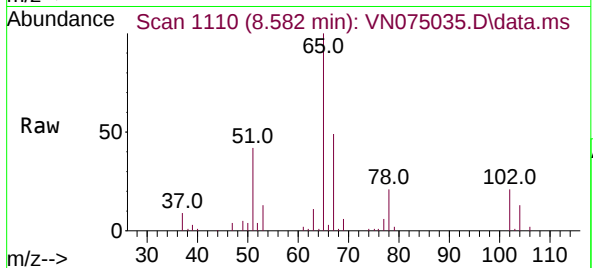
67 51.9 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2022

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: VN075035.D

Acq: 27 Oct 2022 12:55

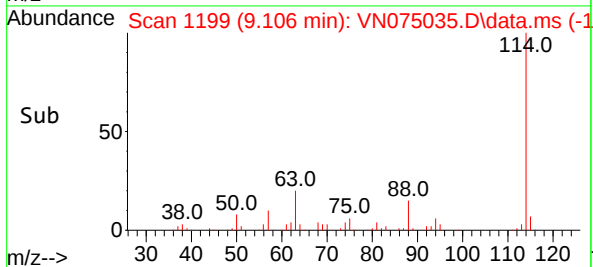
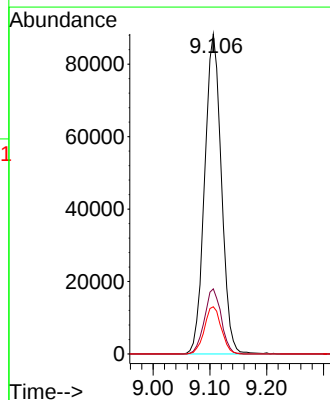
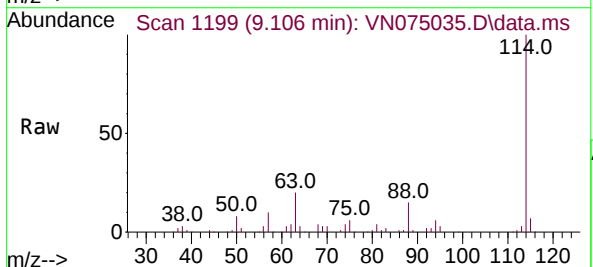
Tgt Ion:114 Resp: 180179

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.6

88 14.8 0.0 29.0





#35

Dibromofluoromethane

Concen: 52.034 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075035.D

Acq: 27 Oct 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBSD01

Tgt Ion: 113 Resp: 55039

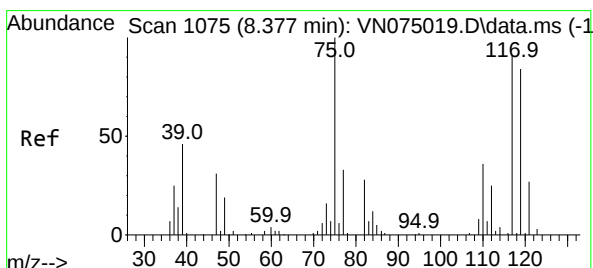
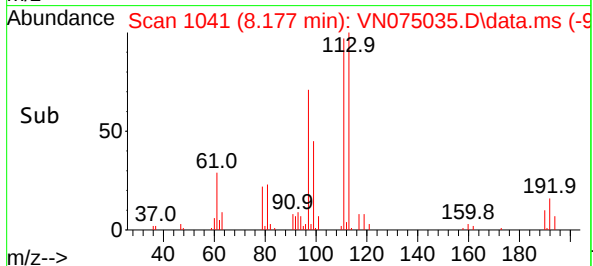
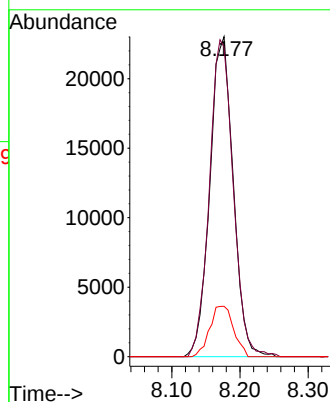
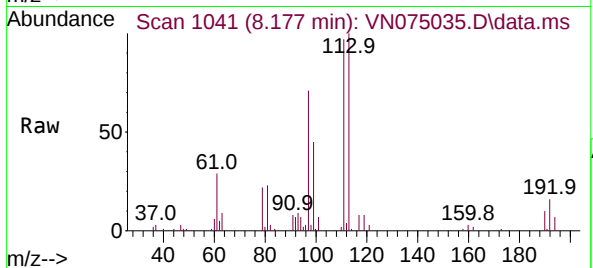
Ion	Ratio	Lower	Upper
113	100		
111	100.7	80.5	120.7
192	16.1	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#36

1,1-Dichloropropene

Concen: 19.703 ug/l

RT: 8.377 min Scan# 1075

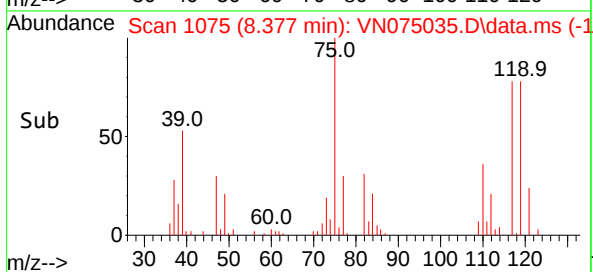
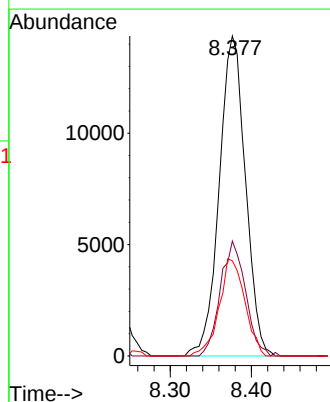
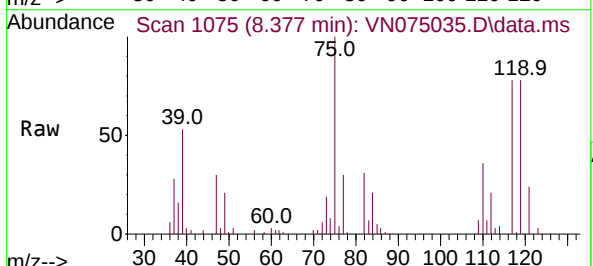
Delta R.T. -0.000 min

Lab File: VN075035.D

Acq: 27 Oct 2022 12:55

Tgt Ion: 75 Resp: 32265

Ion	Ratio	Lower	Upper
75	100		
110	34.5	17.8	53.3
77	29.7	24.6	37.0





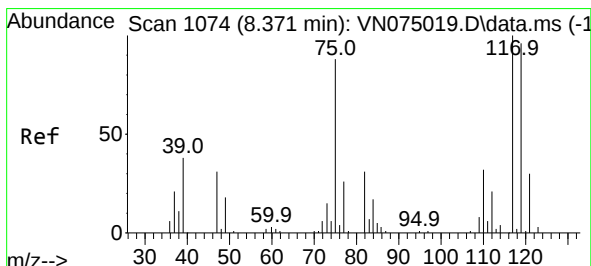
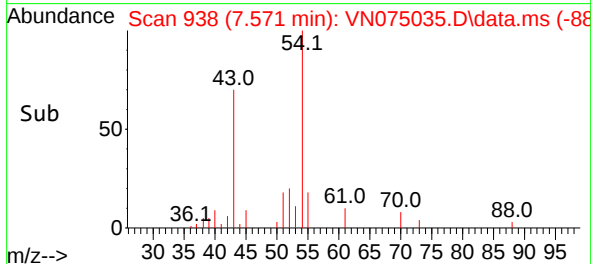
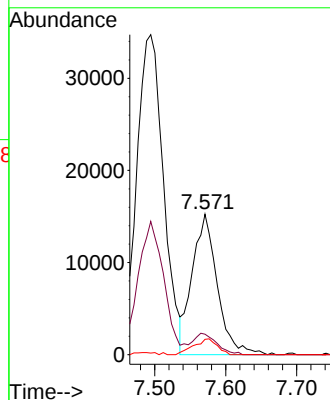
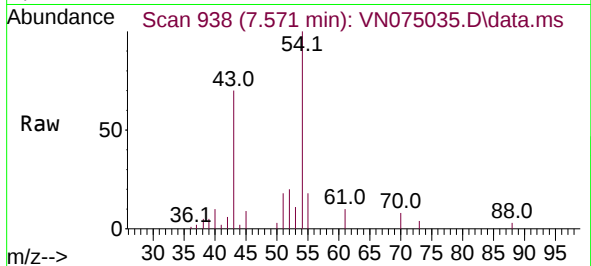
#37
Ethyl Acetate
Concen: 20.905 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01

Tgt Ion: 43 Resp: 3754
Ion Ratio Lower Upper
43 100
61 13.7 12.2 18.4
70 10.5 9.4 14.2

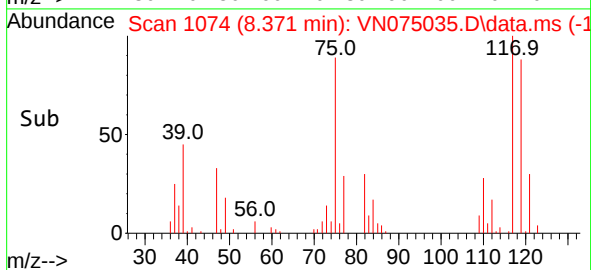
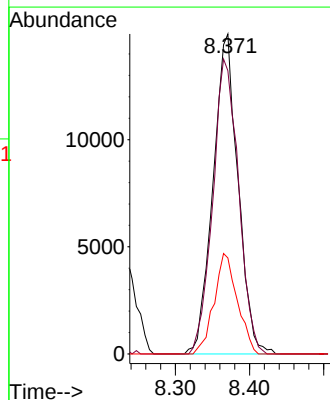
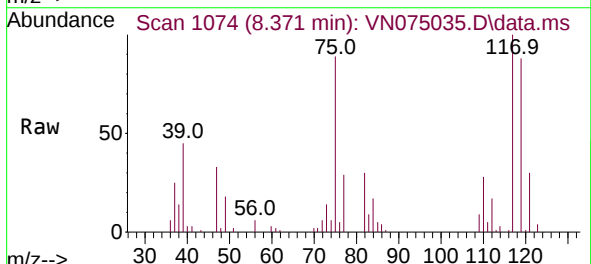
Manual Integrations
APPROVED

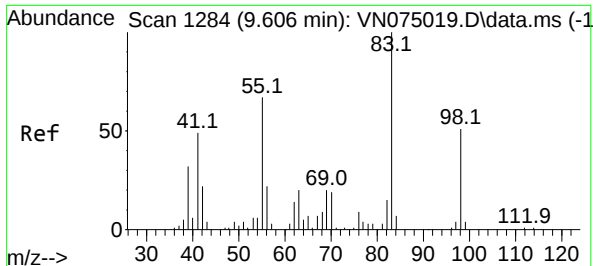
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#38
Carbon Tetrachloride
Concen: 19.394 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

Tgt Ion:117 Resp: 34936
Ion Ratio Lower Upper
117 100
119 88.5 76.7 115.1
121 30.0 23.9 35.9





#39

Methylcyclohexane

Concen: 19.785 ug/l

RT: 9.606 min Scan# 1114

Delta R.T. -0.000 min

Lab File: VN075035.D

Acq: 27 Oct 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBSD01

Tgt Ion: 83 Resp: 4277

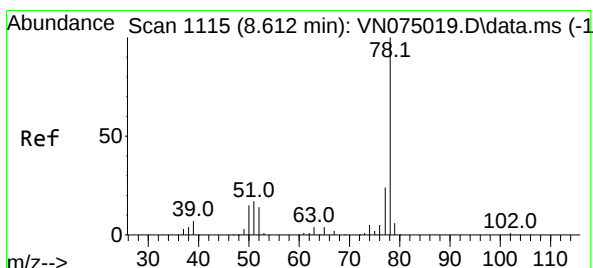
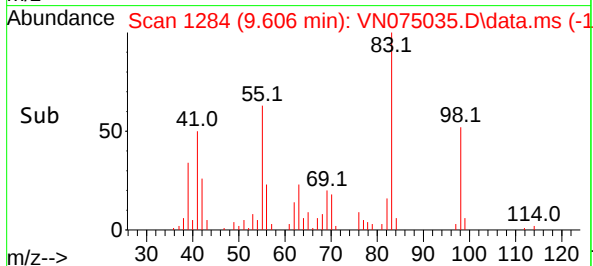
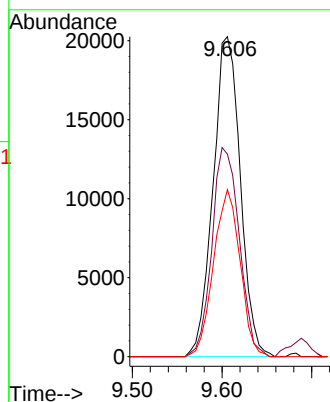
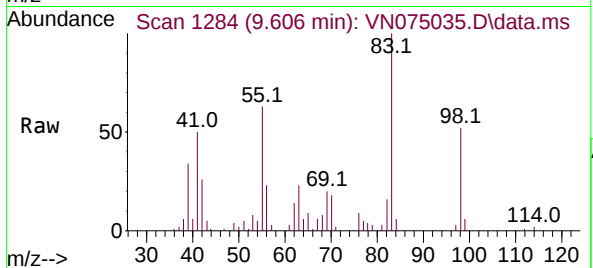
Ion	Ratio	Lower	Upper
83	100		
55	63.3	53.6	80.4
98	52.2	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#40

Benzene

Concen: 20.281 ug/l

RT: 8.606 min Scan# 1114

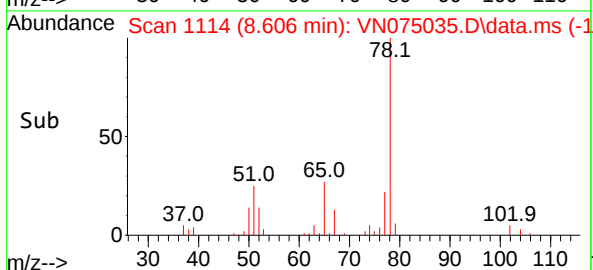
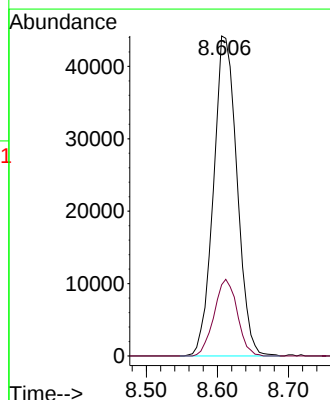
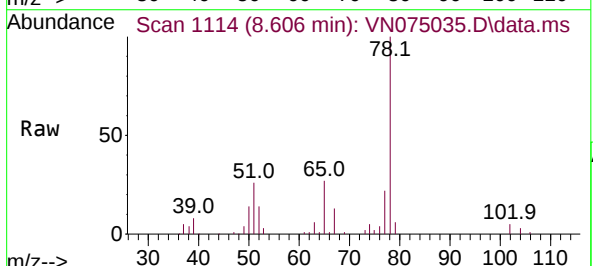
Delta R.T. -0.006 min

Lab File: VN075035.D

Acq: 27 Oct 2022 12:55

Tgt Ion: 78 Resp: 101688

Ion	Ratio	Lower	Upper
78	100		
77	22.2	19.4	29.0





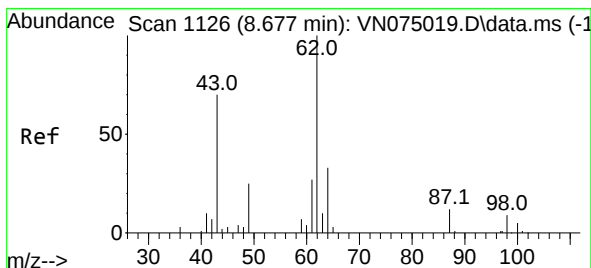
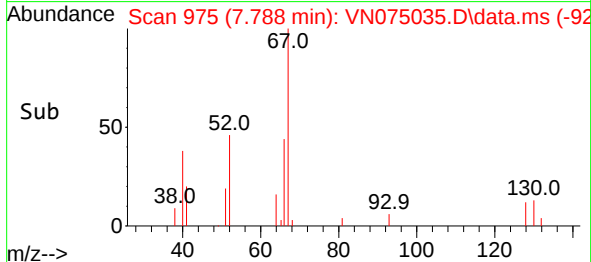
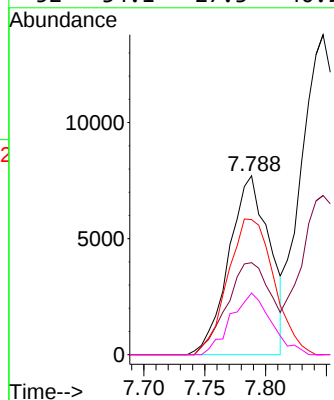
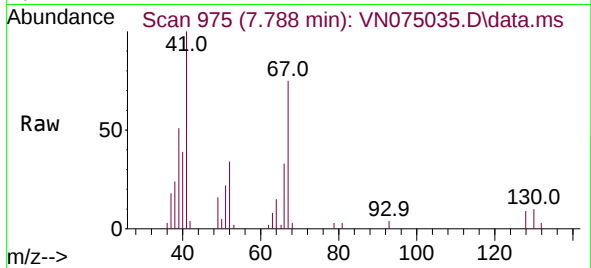
#41
Methacrylonitrile
Concen: 20.864 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01

Tgt Ion: 41 Resp: 17952
Ion Ratio Lower Upper
41 100
39 56.2 44.4 66.6
67 85.8 69.8 104.6
52 34.1 27.3 40.9

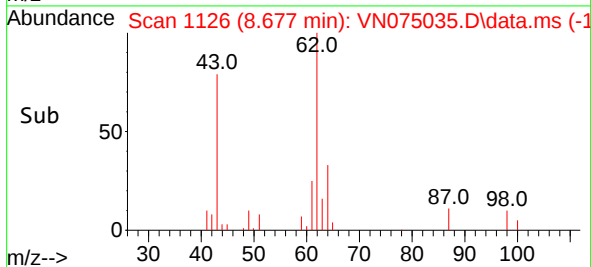
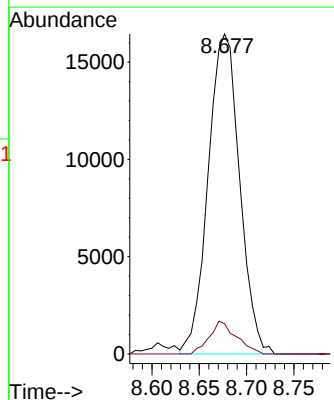
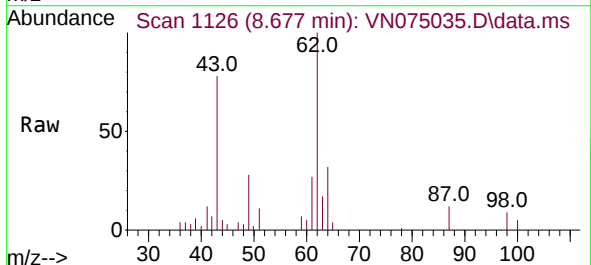
Manual Integrations
APPROVED

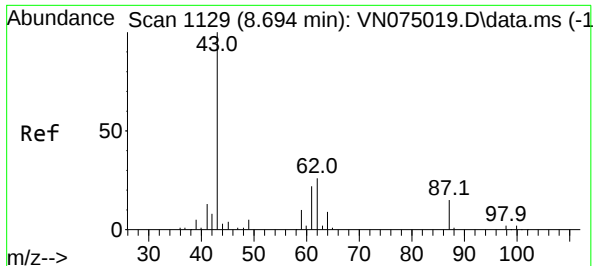
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#42
1,2-Dichloroethane
Concen: 20.854 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

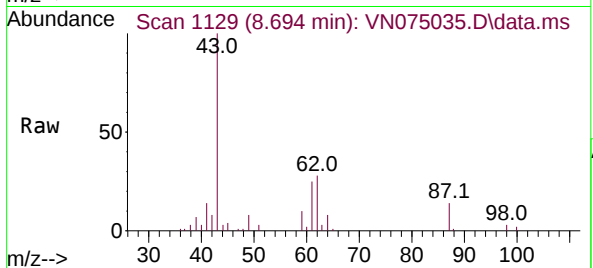
Tgt Ion: 62 Resp: 38042
Ion Ratio Lower Upper
62 100
98 8.7 0.0 18.2





#43
Isopropyl Acetate
Concen: 21.332 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

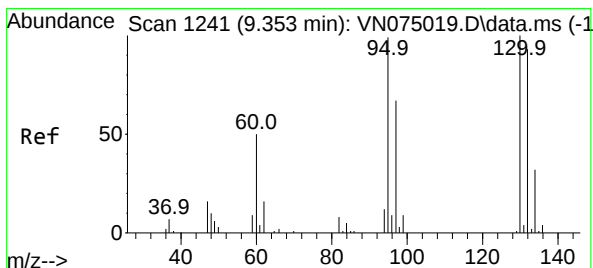
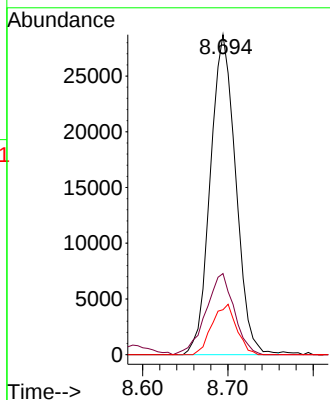
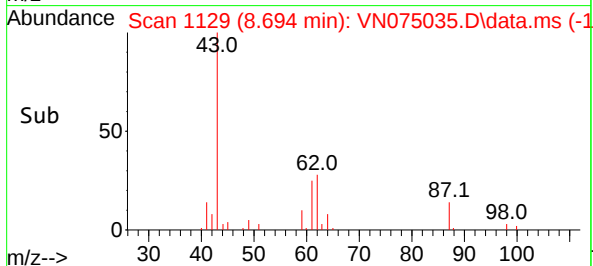
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



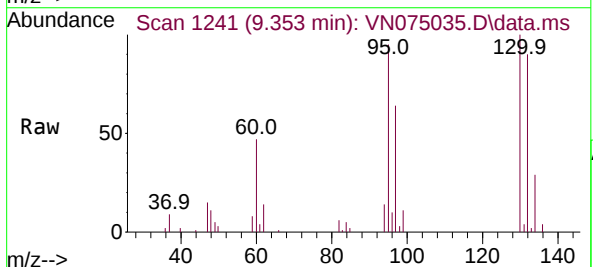
Tgt Ion: 43 Resp: 5942
Ion Ratio Lower Upper
43 100
61 28.3 22.4 33.6
87 15.2 12.5 18.7

Manual Integrations
APPROVED

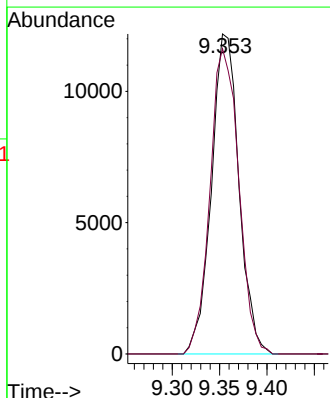
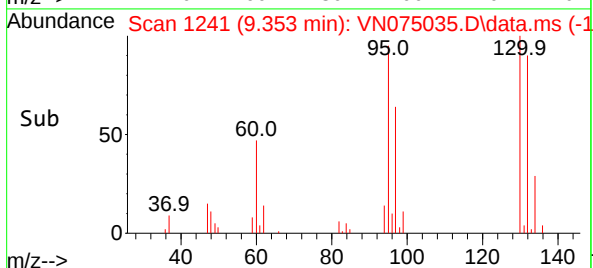
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

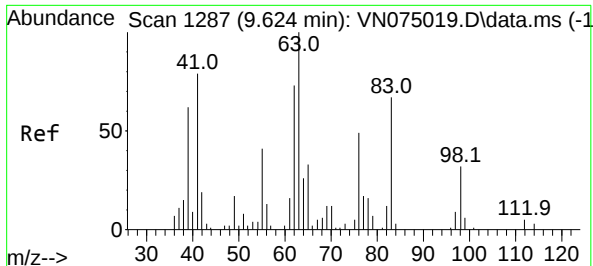


#44
Trichloroethene
Concen: 19.609 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55



Tgt Ion:130 Resp: 24667
Ion Ratio Lower Upper
130 100
95 95.4 0.0 198.4





#45

1,2-Dichloropropane

Concen: 21.319 ug/l

RT: 9.629 min Scan# 1287

Delta R.T. 0.005 min

Lab File: VN075035.D

Acq: 27 Oct 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBSD01

Tgt Ion: 63 Resp: 25438

Ion Ratio Lower Upper

63 100

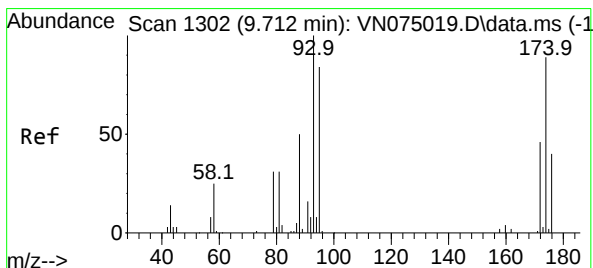
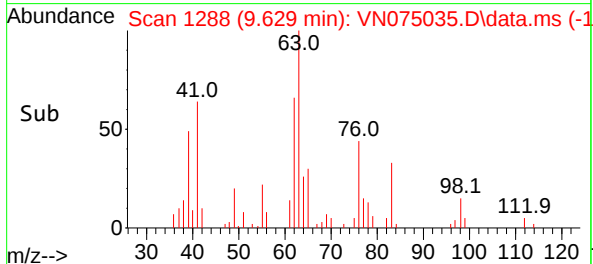
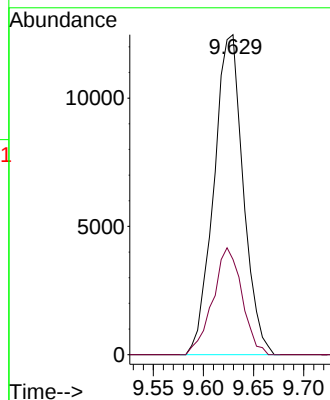
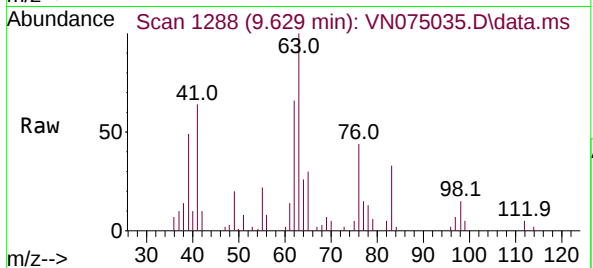
65 29.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#46

Dibromomethane

Concen: 21.198 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075035.D

Acq: 27 Oct 2022 12:55

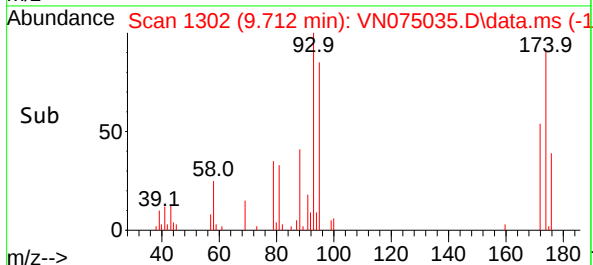
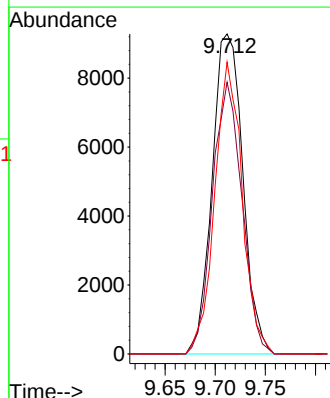
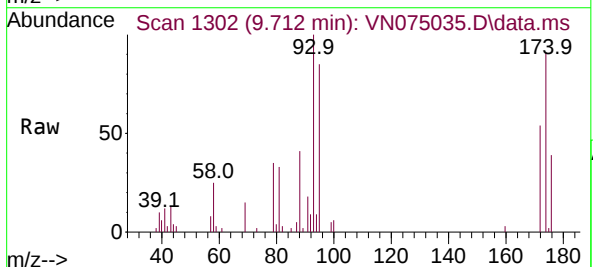
Tgt Ion: 93 Resp: 19706

Ion Ratio Lower Upper

93 100

95 81.6 66.6 99.8

174 81.8 70.3 105.5





#47

Bromodichloromethane

Concen: 20.414 ug/l

RT: 9.888 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN075035.D

Acq: 27 Oct 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBSD01

Tgt Ion: 83 Resp: 3675

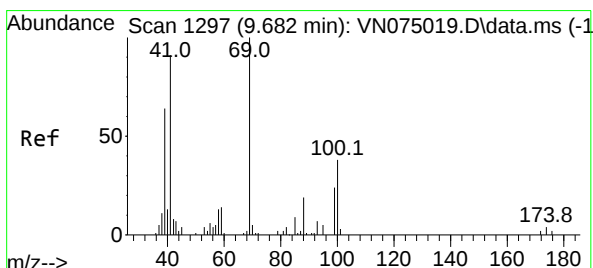
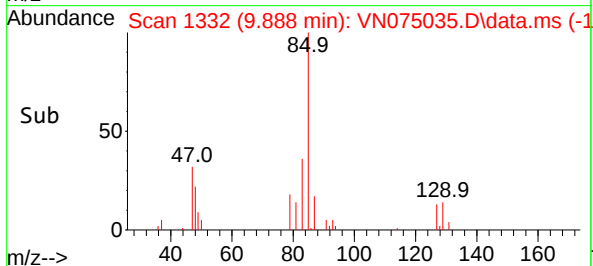
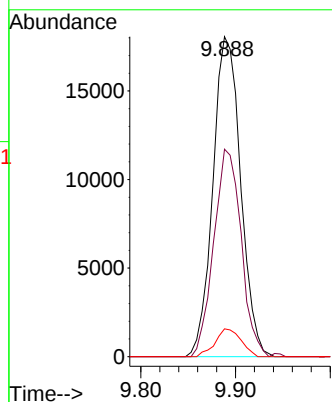
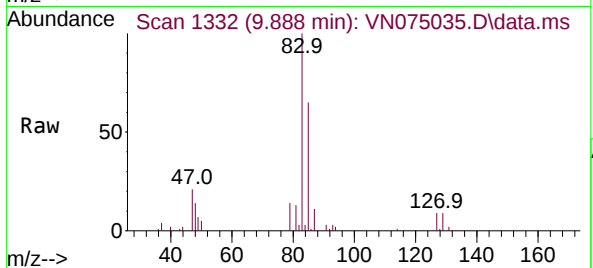
Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.1	78.1
127	8.7	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#48

Methyl methacrylate

Concen: 20.285 ug/l

RT: 9.682 min Scan# 1297

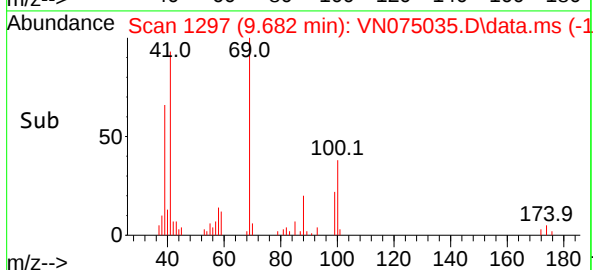
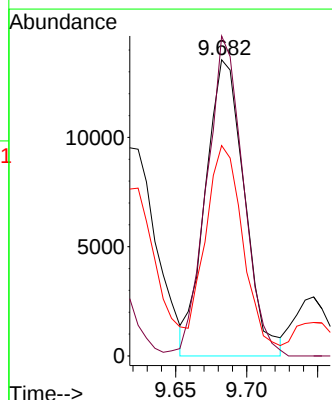
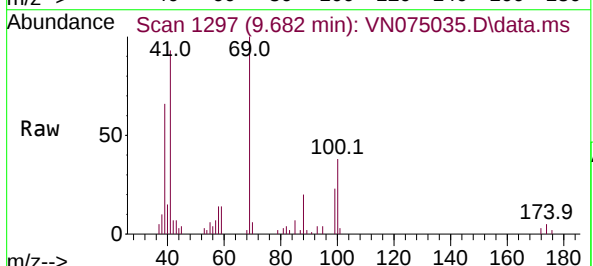
Delta R.T. 0.000 min

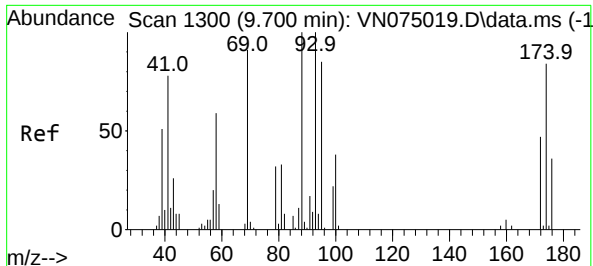
Lab File: VN075035.D

Acq: 27 Oct 2022 12:55

Tgt Ion: 41 Resp: 25921

Ion	Ratio	Lower	Upper
41	100		
69	101.3	80.2	120.2
39	69.1	56.2	84.2





#49

1,4-Dioxane

Concen: 414.239 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075035.D

Acq: 27 Oct 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBSD01

Tgt Ion: 88 Resp: 1386

Ion Ratio Lower Upper

88 100

43 25.7 17.5 26.3

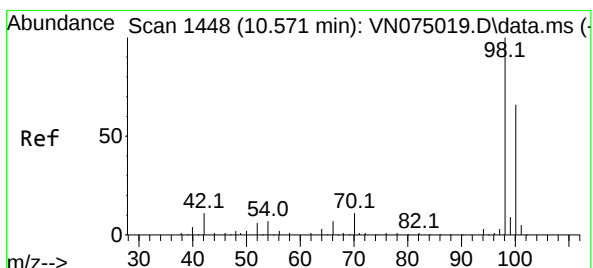
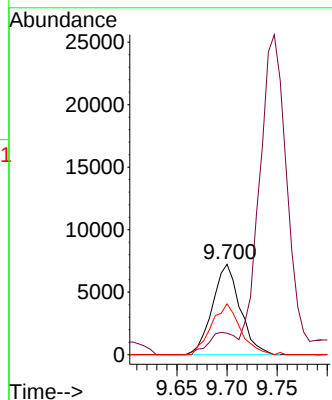
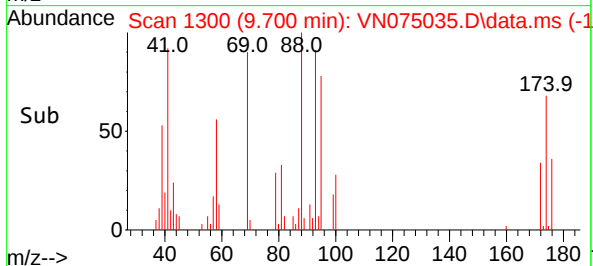
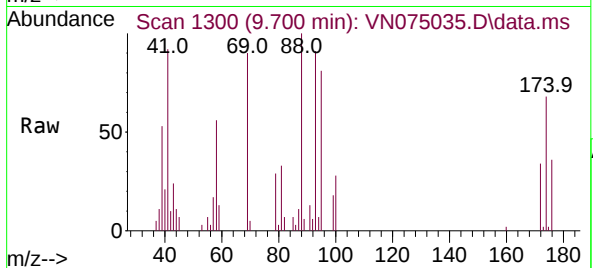
58 58.8 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#50

Toluene-d8

Concen: 51.324 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075035.D

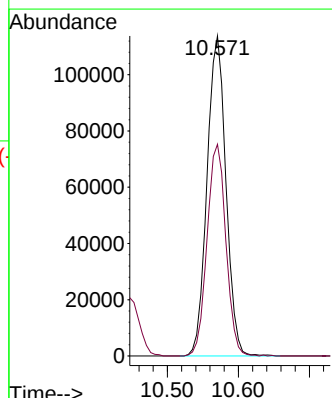
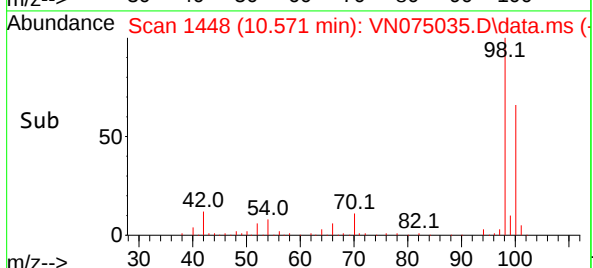
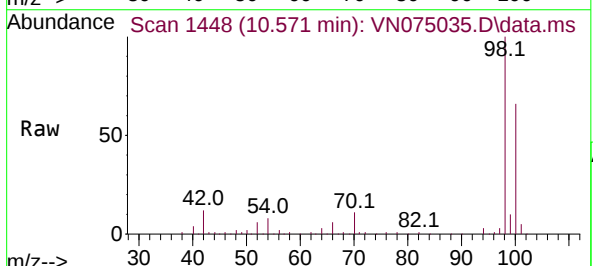
Acq: 27 Oct 2022 12:55

Tgt Ion: 98 Resp: 210622

Ion Ratio Lower Upper

98 100

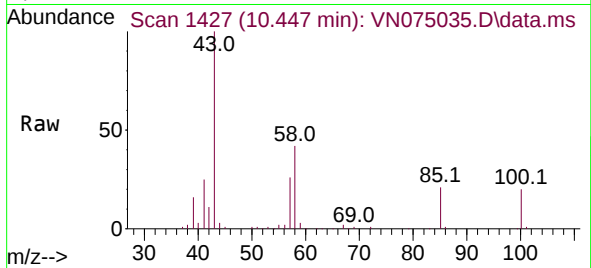
100 65.8 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 105.273 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

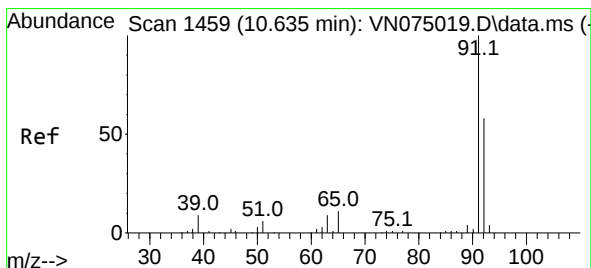
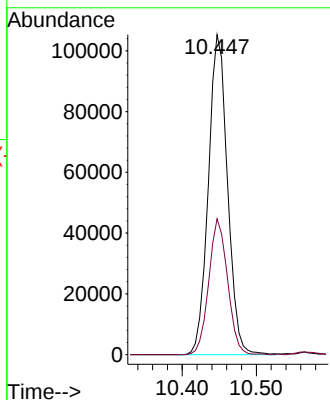
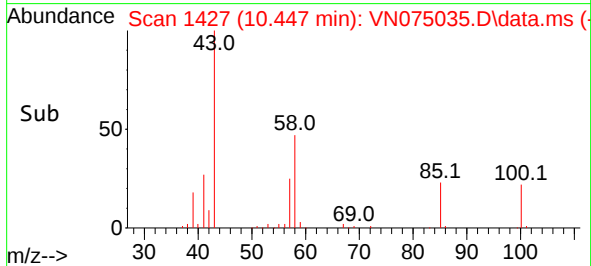
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



Tgt Ion: 43 Resp: 189239
Ion Ratio Lower Upper
43 100
58 41.6 33.6 50.4

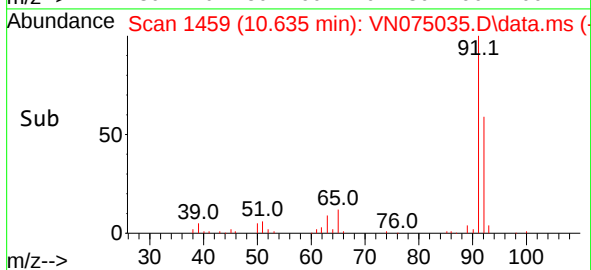
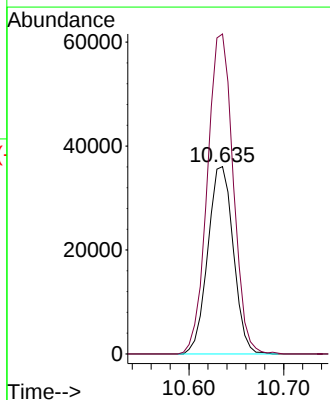
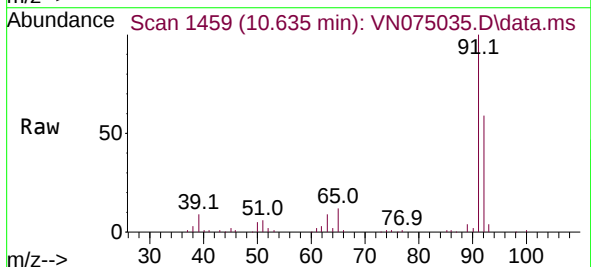
Manual Integrations
APPROVED

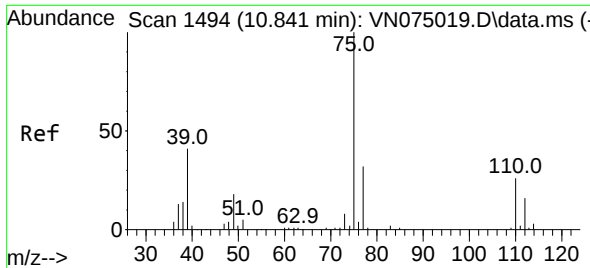
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#52
Toluene
Concen: 20.170 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

Tgt Ion: 92 Resp: 67605
Ion Ratio Lower Upper
92 100
91 173.1 135.4 203.2





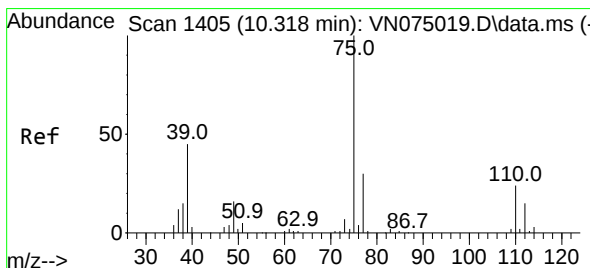
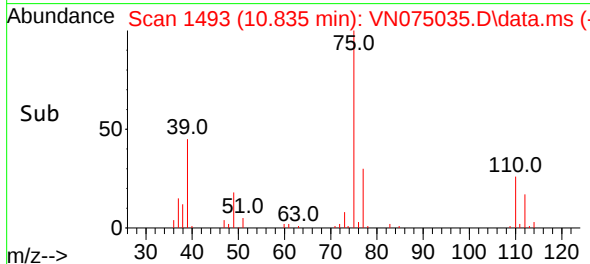
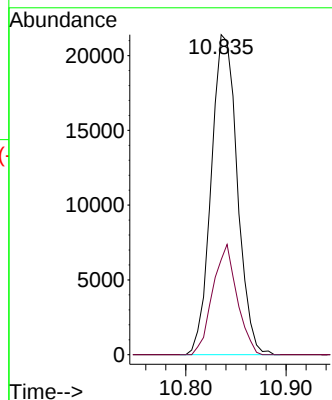
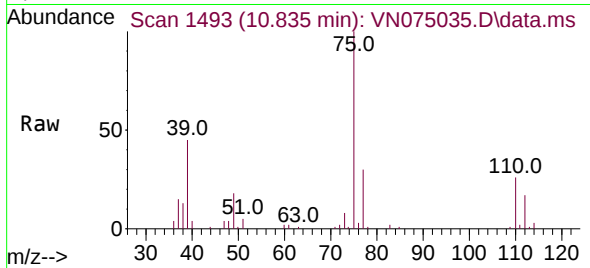
#53
t-1,3-Dichloropropene
Concen: 20.360 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01

Tgt Ion: 75 Resp: 3868
Ion Ratio Lower Upper
75 100
77 29.6 25.4 38.2

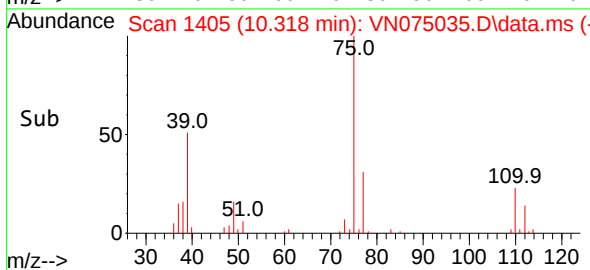
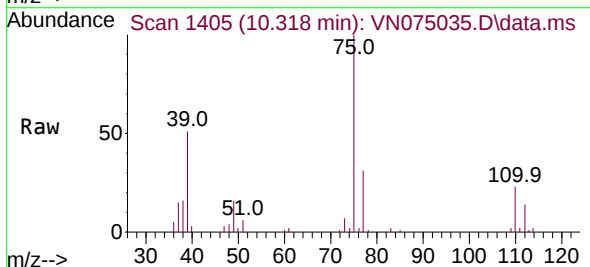
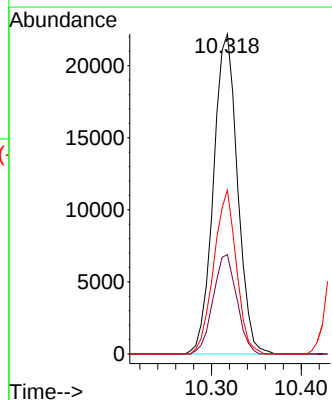
Manual Integrations
APPROVED

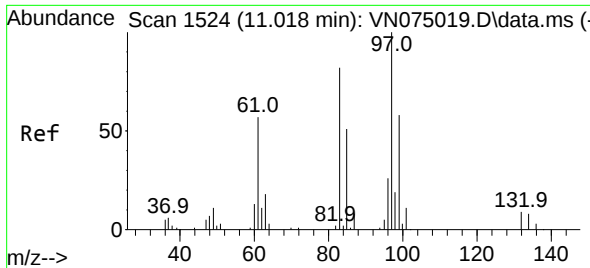
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#54
cis-1,3-Dichloropropene
Concen: 20.506 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

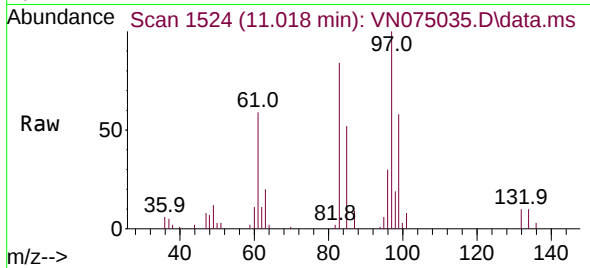
Tgt Ion: 75 Resp: 41328
Ion Ratio Lower Upper
75 100
77 31.1 23.7 35.5
39 51.2 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 20.322 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

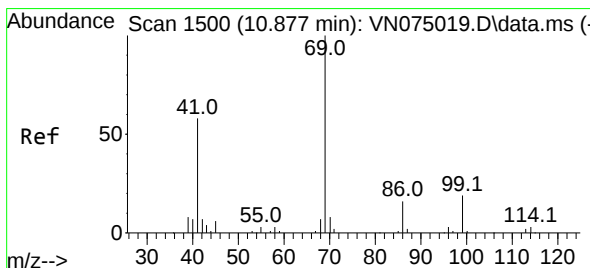
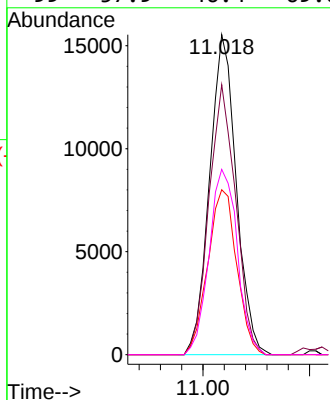
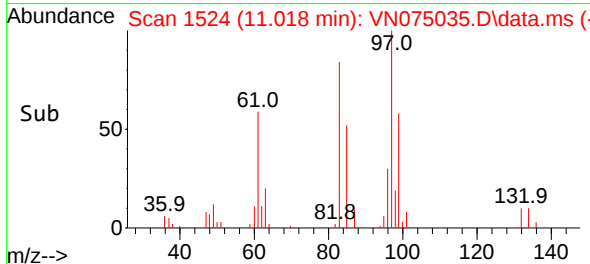
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.4	65.9	98.9
85	51.5	40.4	60.6
99	57.9	46.4	69.6

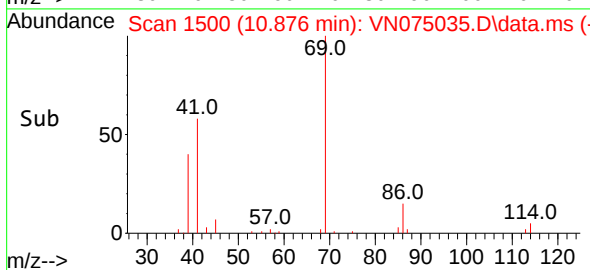
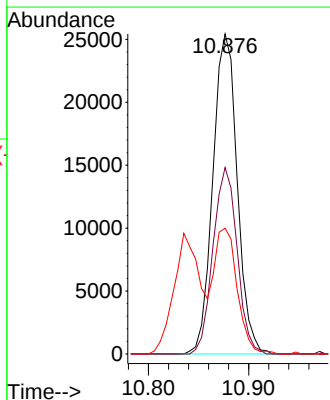
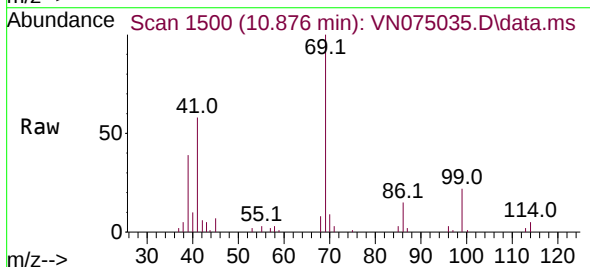
Manual Integrations
APPROVED

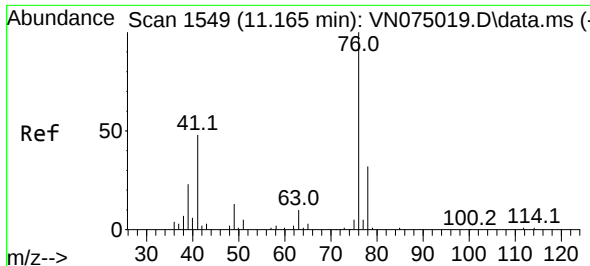
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#56
Ethyl methacrylate
Concen: 21.134 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

Tgt Ion	Ratio	Lower	Upper
69	100		
41	57.6	45.6	68.4
39	37.2	28.5	42.7





#57

1,3-Dichloropropane

Concen: 21.163 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075035.D

Acq: 27 Oct 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBSD01

Tgt Ion: 76 Resp: 46838

Ion Ratio Lower Upper

76 100

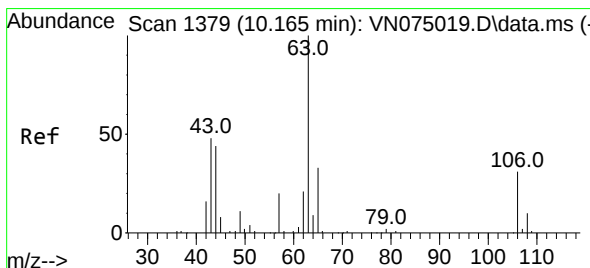
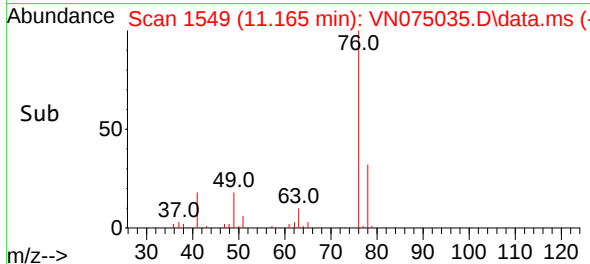
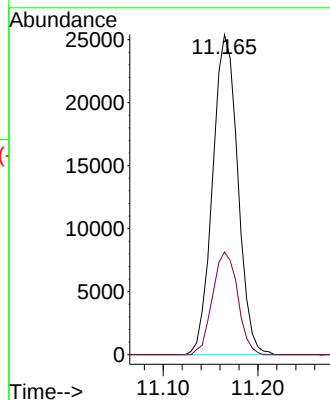
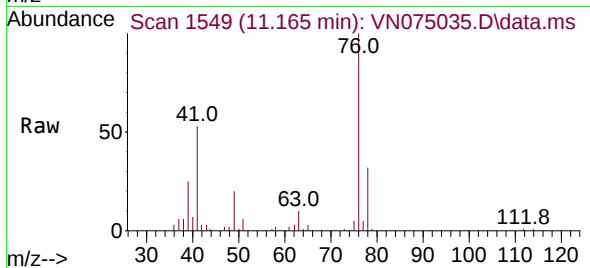
78 32.1 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#58

2-Chloroethyl Vinyl ether

Concen: 99.336 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075035.D

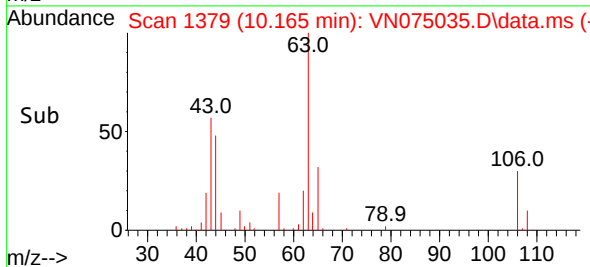
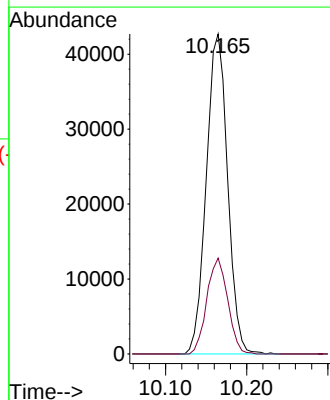
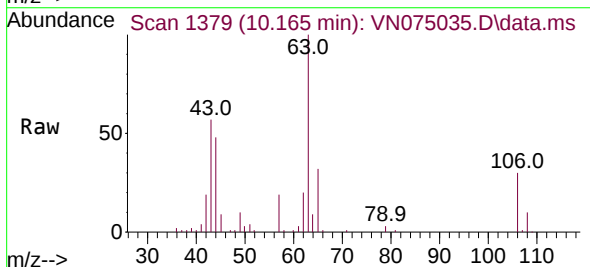
Acq: 27 Oct 2022 12:55

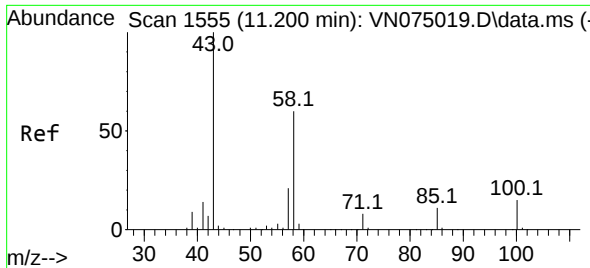
Tgt Ion: 63 Resp: 77850

Ion Ratio Lower Upper

63 100

106 29.3 24.8 37.2





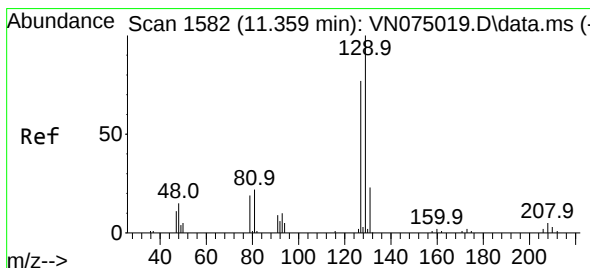
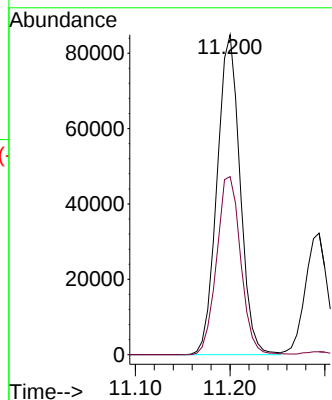
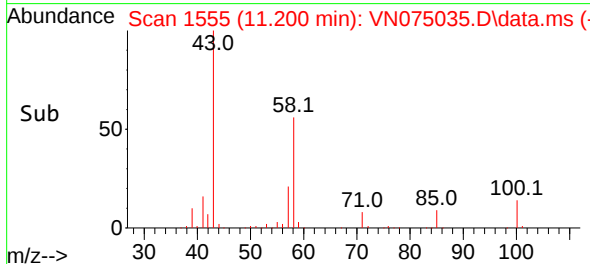
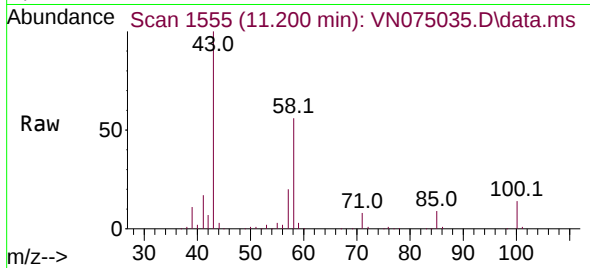
#59
2-Hexanone
Concen: 105.009 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01

Tgt Ion: 43 Resp: 143268
Ion Ratio Lower Upper
43 100
58 58.1 29.6 88.8

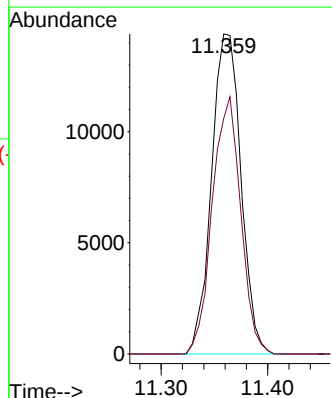
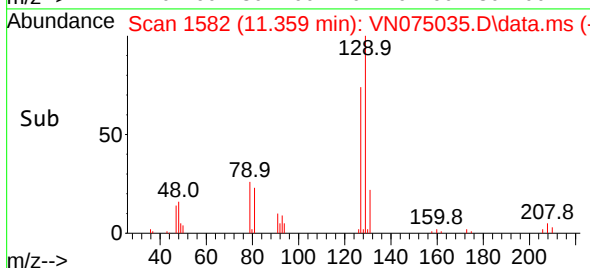
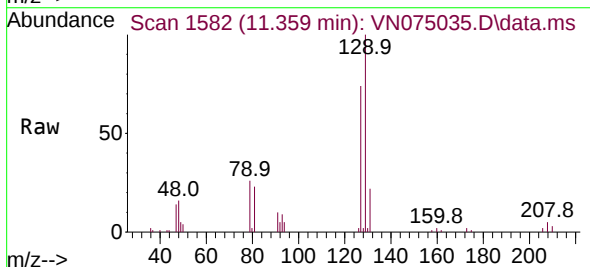
Manual Integrations
APPROVED

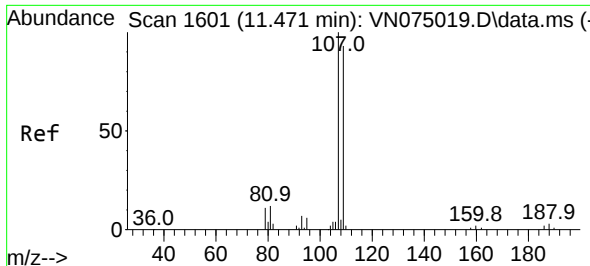
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#60
Dibromochloromethane
Concen: 19.726 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

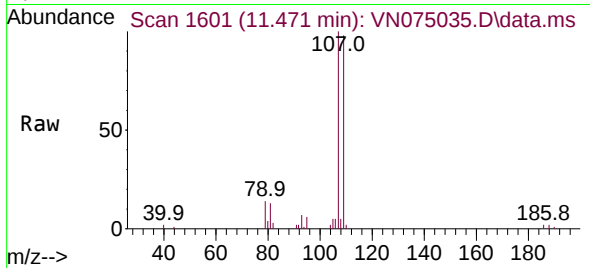
Tgt Ion:129 Resp: 27658
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8





#61
1,2-Dibromoethane
Concen: 21.087 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

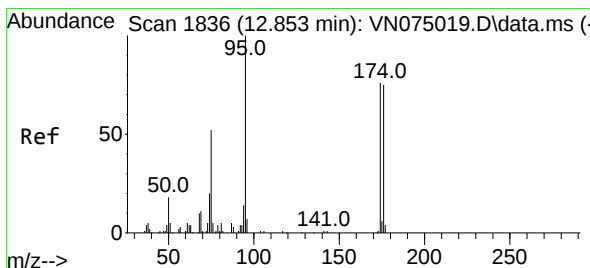
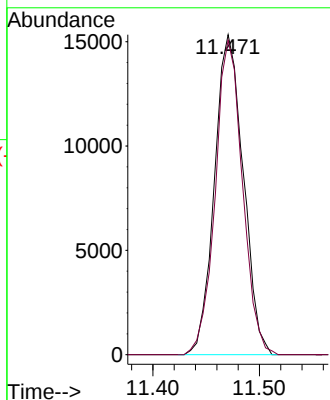
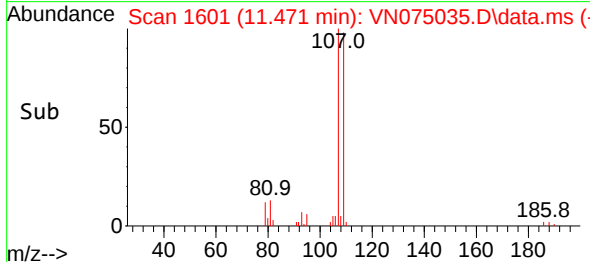
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



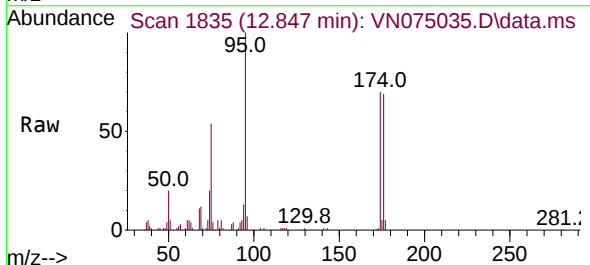
Tgt Ion:107 Resp: 28720
Ion Ratio Lower Upper
107 100
109 93.1 75.6 113.4

Manual Integrations
APPROVED

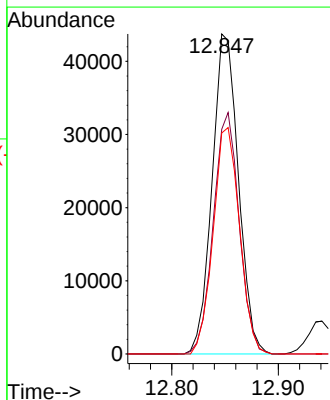
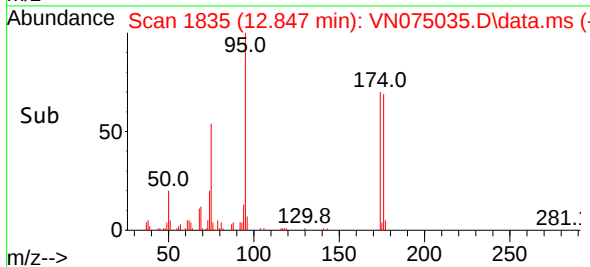
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

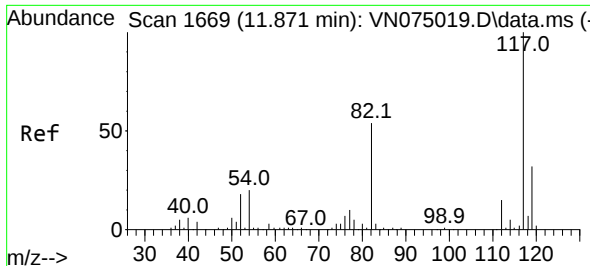


#62
4-Bromofluorobenzene
Concen: 52.014 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55



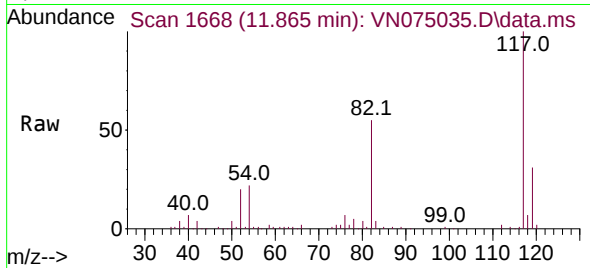
Tgt Ion: 95 Resp: 74982
Ion Ratio Lower Upper
95 100
174 73.9 0.0 147.4
176 70.9 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

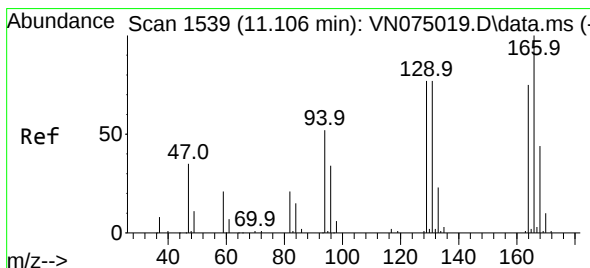
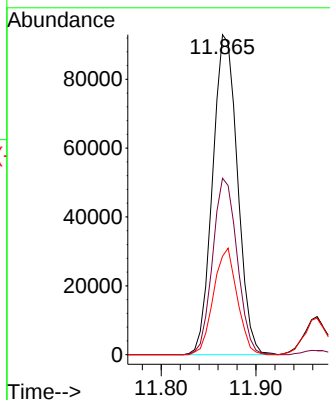
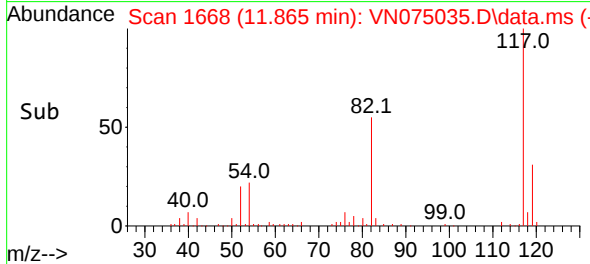
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



Tgt Ion:117 Resp: 16987
Ion Ratio Lower Upper
117 100
82 55.1 43.1 64.7
119 30.8 25.5 38.3

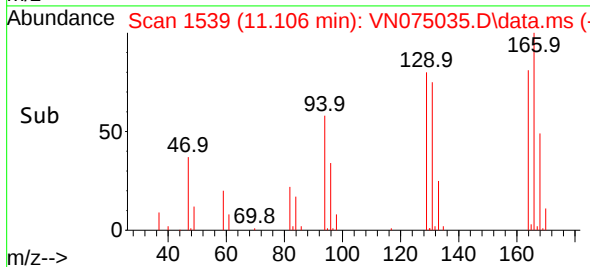
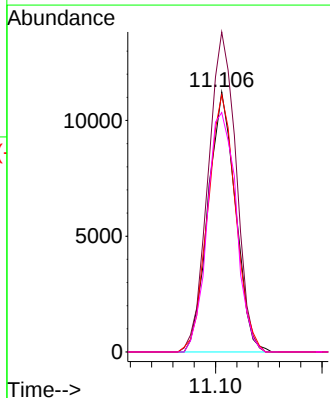
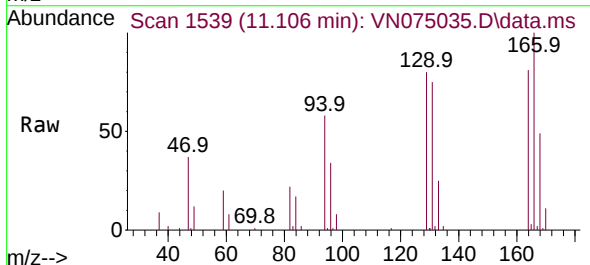
Manual Integrations
APPROVED

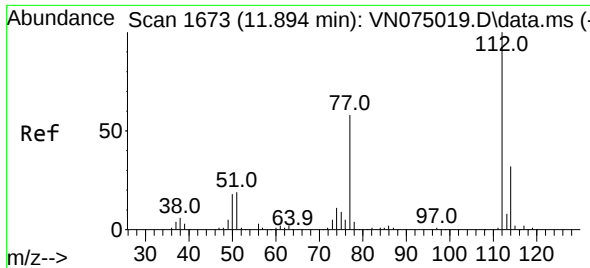
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#64
Tetrachloroethene
Concen: 19.299 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

Tgt Ion:164 Resp: 20099
Ion Ratio Lower Upper
164 100
166 123.1 106.5 159.7
129 98.9 81.9 122.9
131 92.1 81.4 122.2





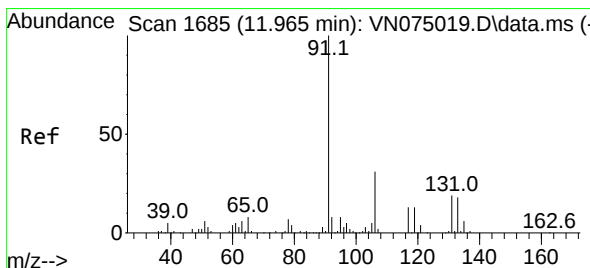
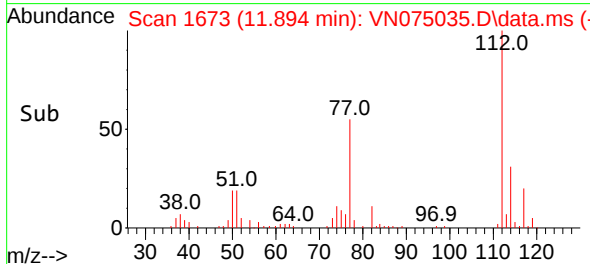
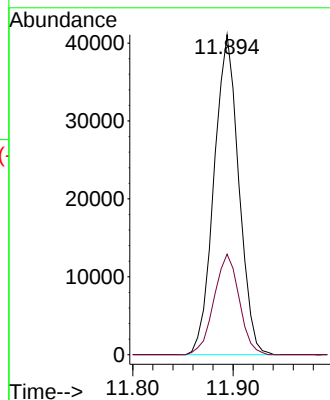
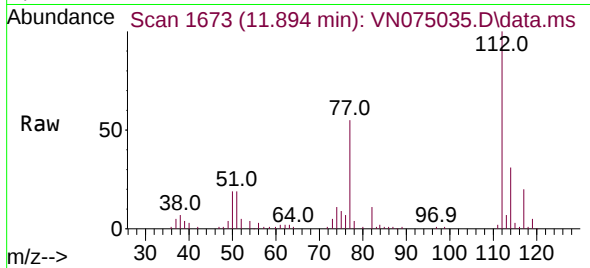
#65
Chlorobenzene
Concen: 19.398 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01

Tgt Ion:112 Resp: 7033
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2

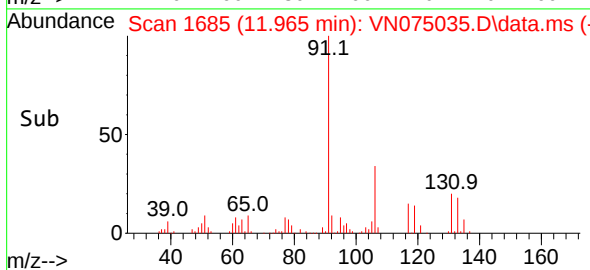
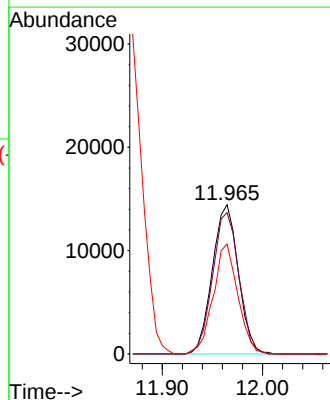
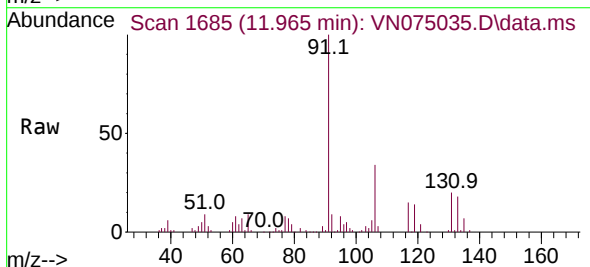
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.321 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

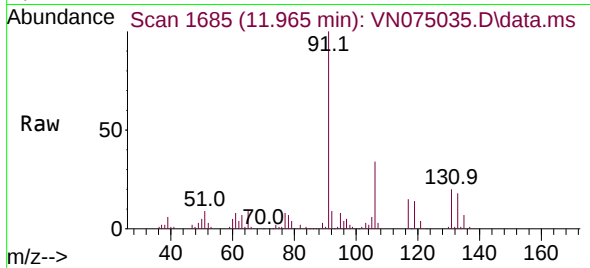
Tgt Ion:131 Resp: 25988
Ion Ratio Lower Upper
131 100
133 95.3 47.8 143.4
119 70.0 33.0 99.0





#67
Ethyl Benzene
Concen: 19.536 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

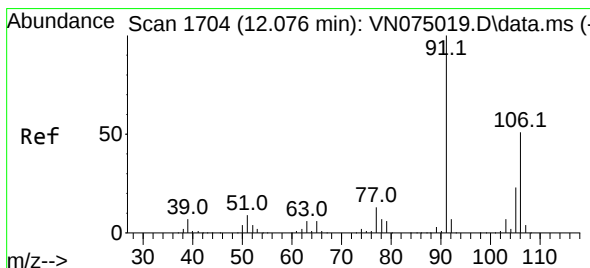
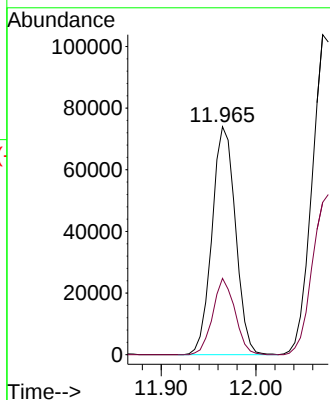
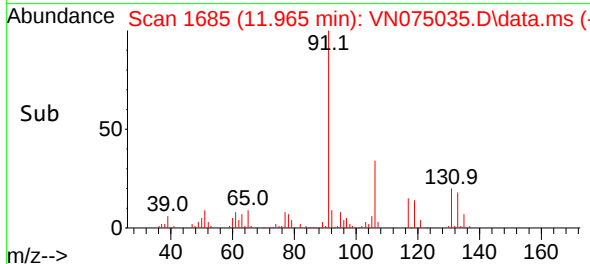
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



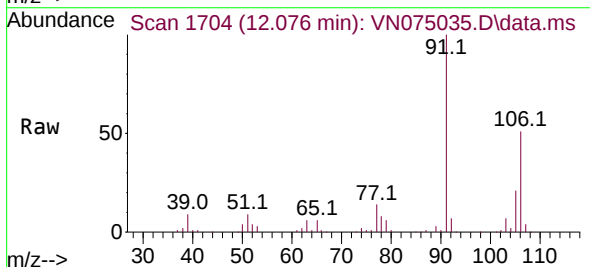
Tgt Ion: 91 Resp: 127449
Ion Ratio Lower Upper
91 100
106 33.5 24.9 37.3

Manual Integrations
APPROVED

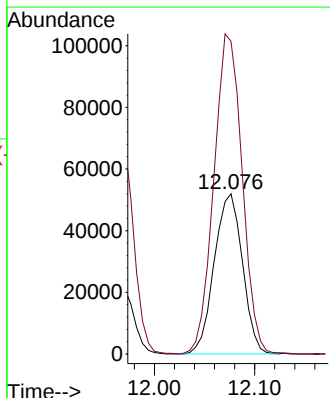
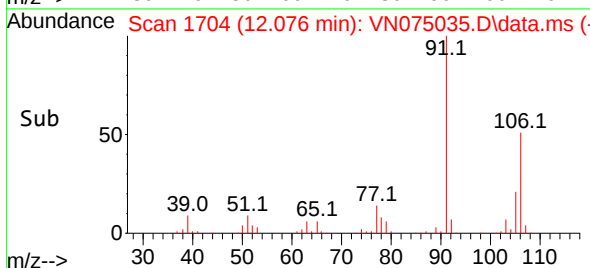
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

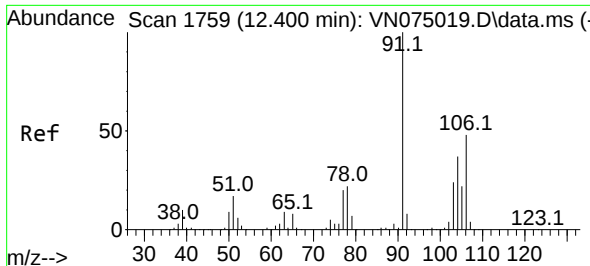


#68
m/p-Xylenes
Concen: 38.806 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55



Tgt Ion:106 Resp: 101578
Ion Ratio Lower Upper
106 100
91 200.6 156.0 234.0





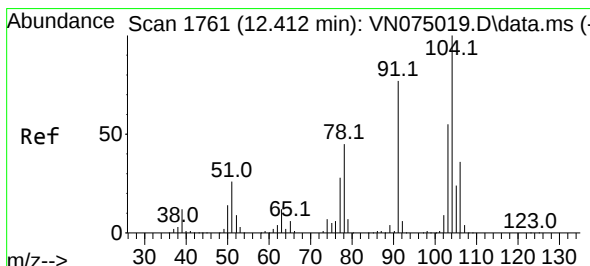
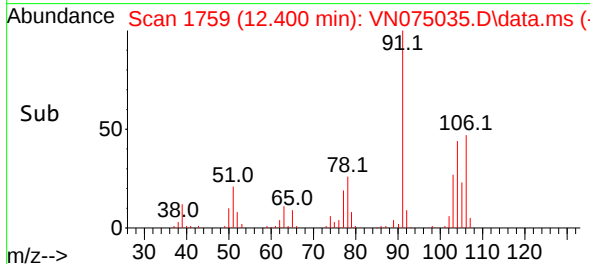
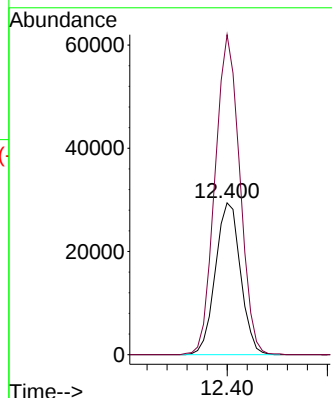
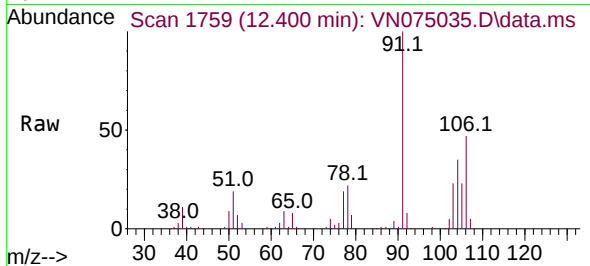
#69
o-Xylene
Concen: 19.704 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01

Tgt Ion:106 Resp: 5100
Ion Ratio Lower Upper
106 100
91 208.3 105.2 315.5

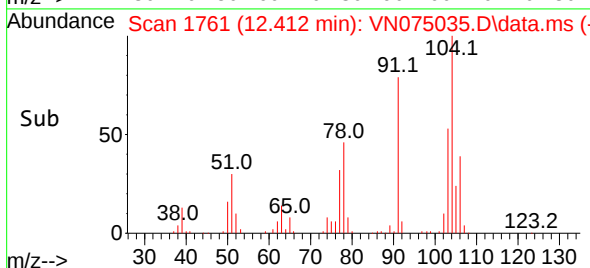
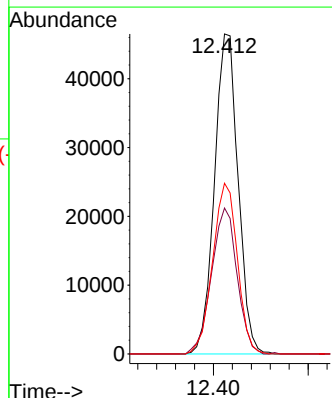
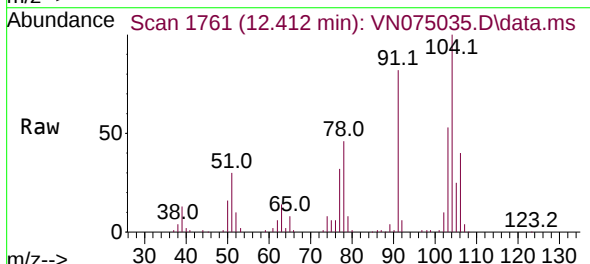
Manual Integrations
APPROVED

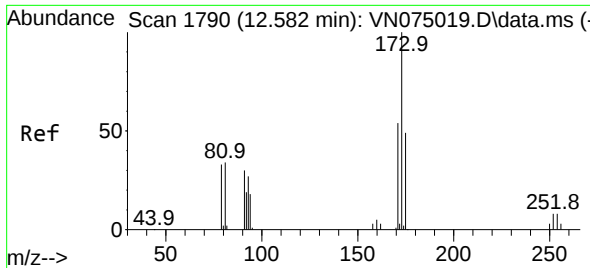
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#70
Styrene
Concen: 19.526 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

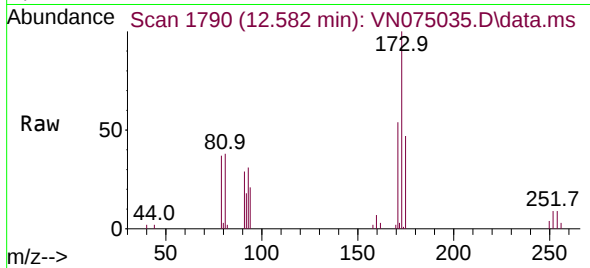
Tgt Ion:104 Resp: 80595
Ion Ratio Lower Upper
104 100
78 49.1 38.1 57.1
103 55.9 44.6 66.8





#71
Bromoform
Concen: 19.043 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

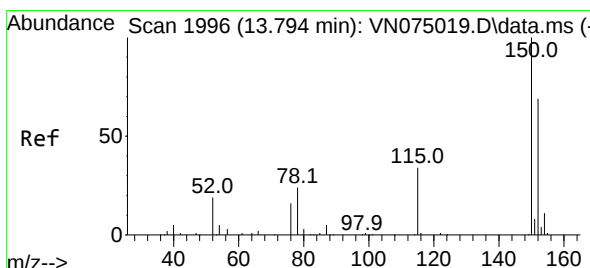
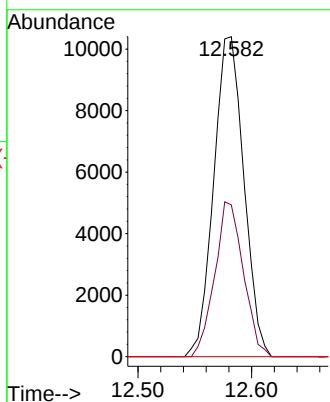
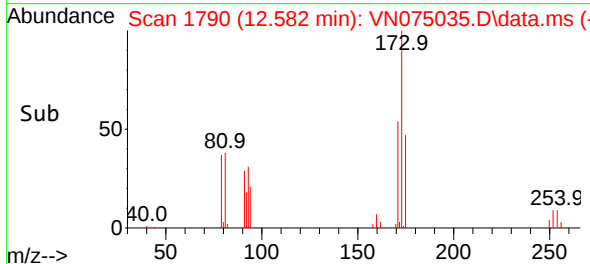
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



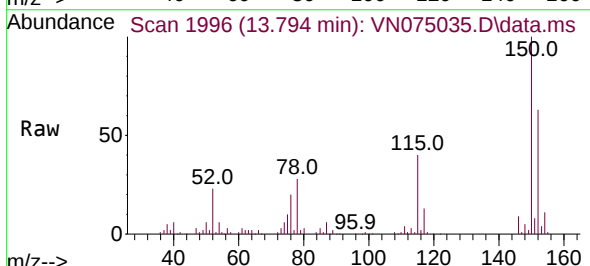
Tgt Ion:173 Resp: 19178
Ion Ratio Lower Upper
173 100
175 45.9 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

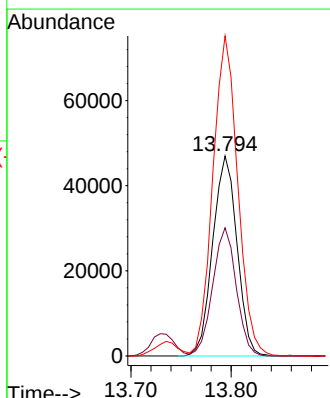
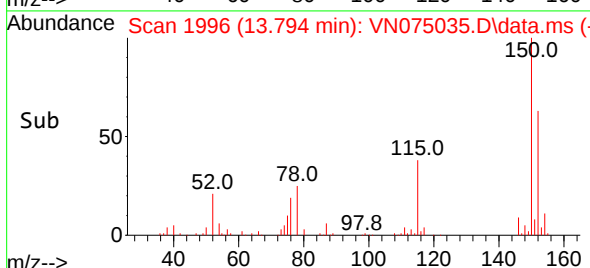
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

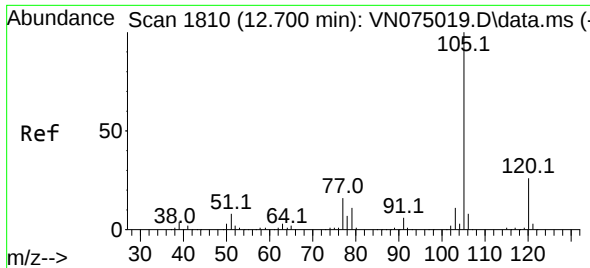


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55



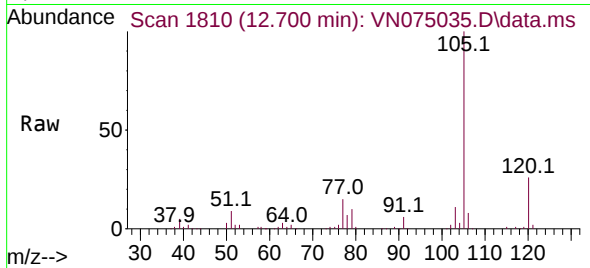
Tgt Ion:152 Resp: 78966
Ion Ratio Lower Upper
152 100
115 62.1 30.2 90.6
150 164.1 0.0 348.4





#73
Isopropylbenzene
Concen: 20.570 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

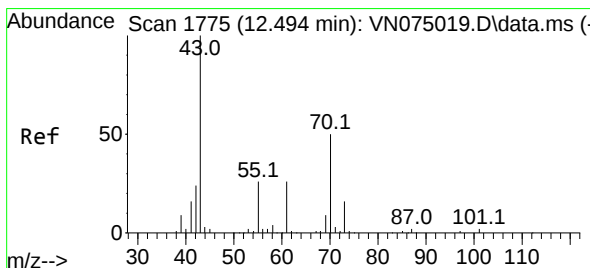
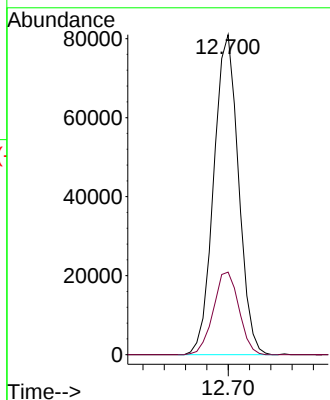
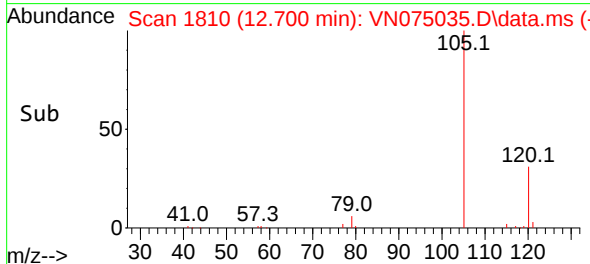
Instrument : MSVOA_N
ClientSampleId : VN1027WBSD01



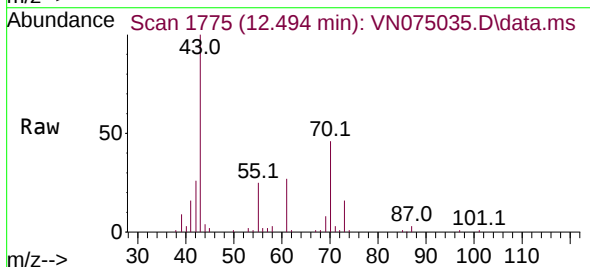
Tgt Ion:105 Resp: 130409
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.1

Manual Integrations
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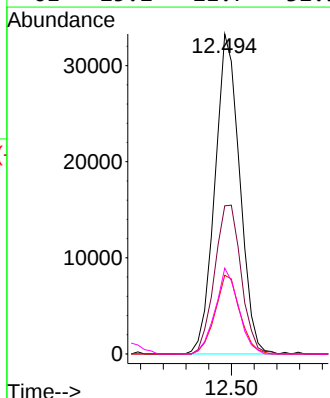
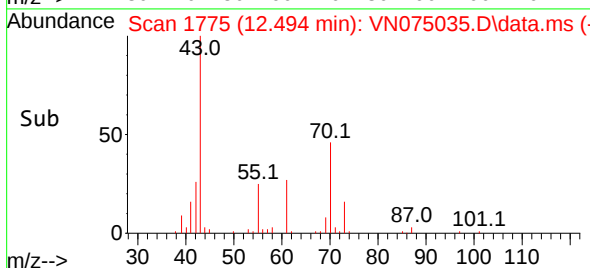
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

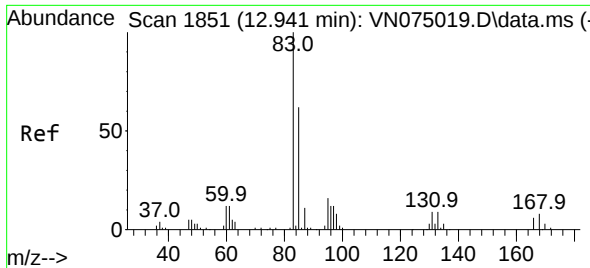


#74
N-ethyl acetate
Concen: 21.500 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55



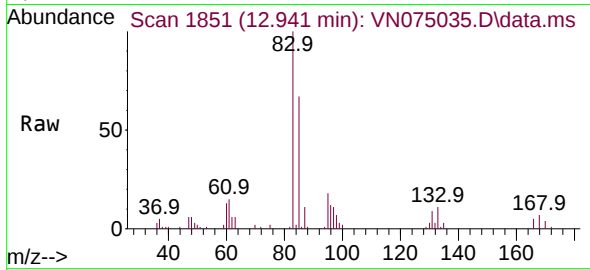
Tgt Ion: 43 Resp: 50411
Ion Ratio Lower Upper
43 100
70 49.8 39.8 59.8
55 24.6 19.9 29.9
61 25.2 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 22.237 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

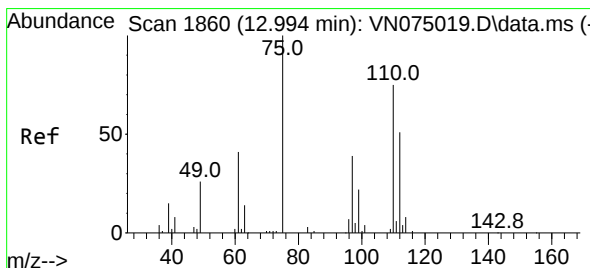
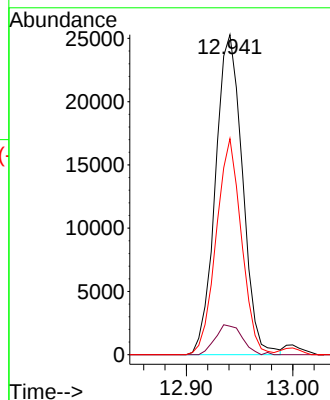
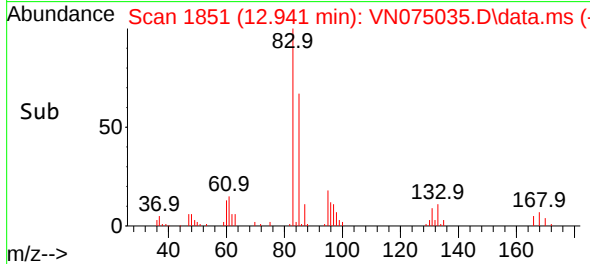
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



Tgt Ion: 83 Resp: 4455
Ion Ratio Lower Upper
83 100
131 9.3 5.1 15.3
85 63.1 31.6 94.7

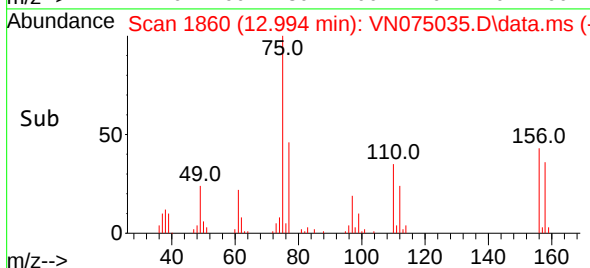
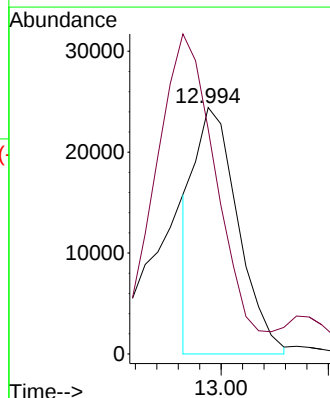
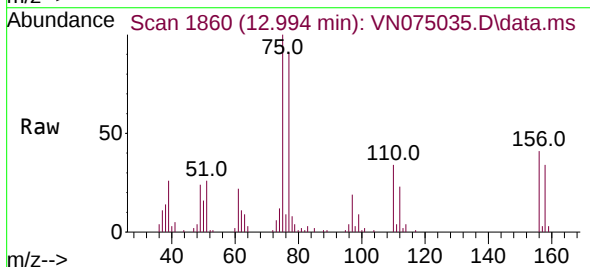
Manual Integrations
APPROVED

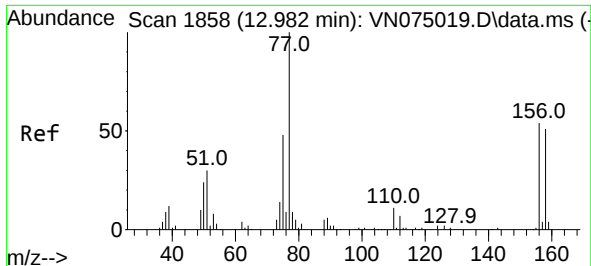
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#76
1,2,3-Trichloropropane
Concen: 20.586 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

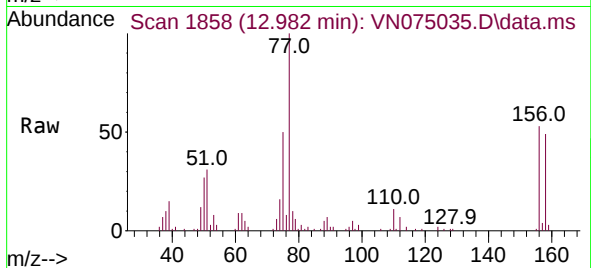
Tgt Ion: 75 Resp: 34515
Ion Ratio Lower Upper
75 100
77 185.4 75.6 226.8





#77
Bromobenzene
Concen: 20.804 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

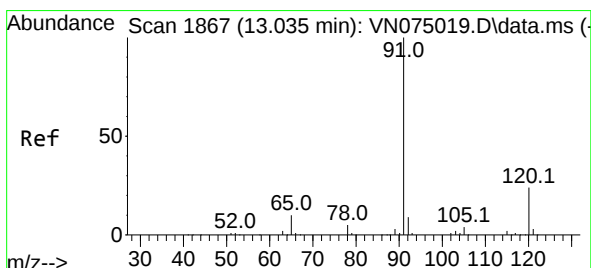
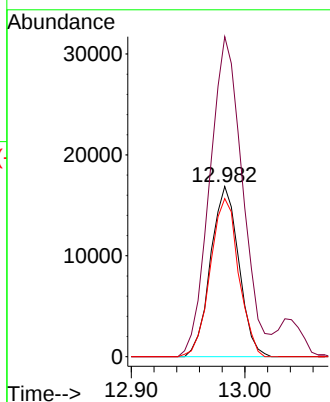
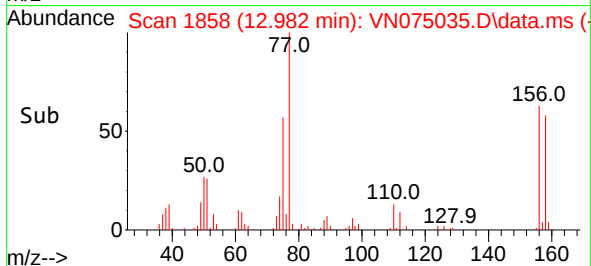
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



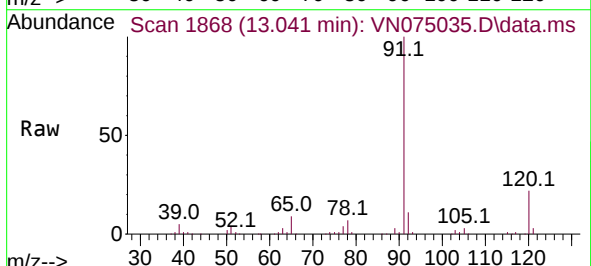
Tgt Ion:156 Resp: 29040
Ion Ratio Lower Upper
156 100
77 220.4 108.5 325.5
158 93.7 47.7 143.1

Manual Integrations
APPROVED

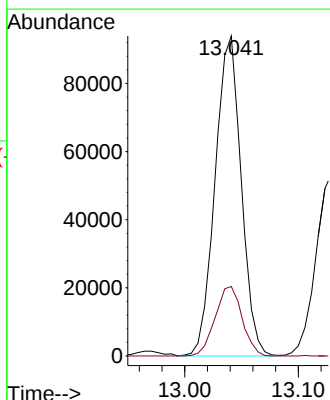
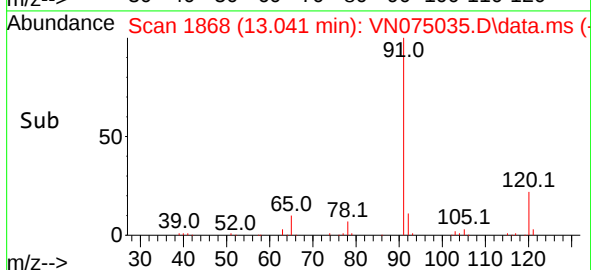
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

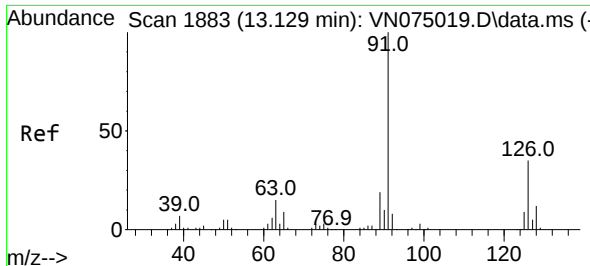


#78
n-propylbenzene
Concen: 21.063 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55



Tgt Ion: 91 Resp: 149919
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.5





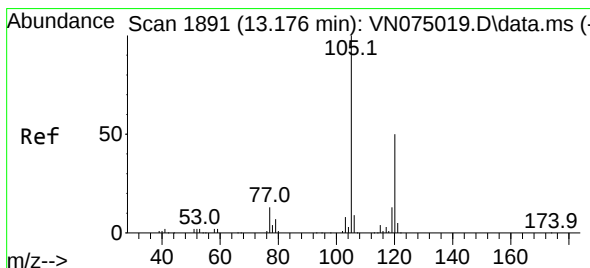
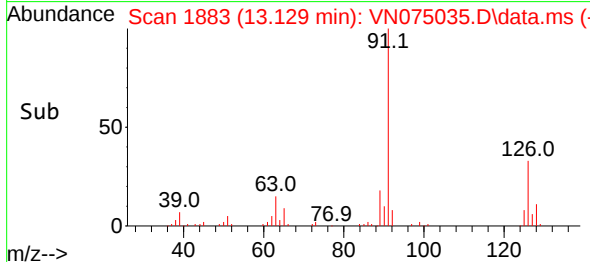
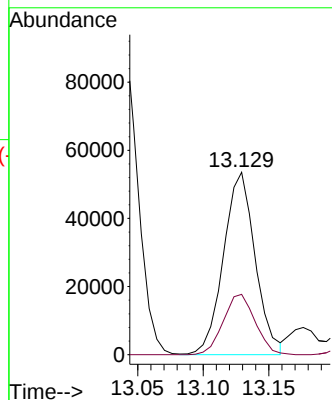
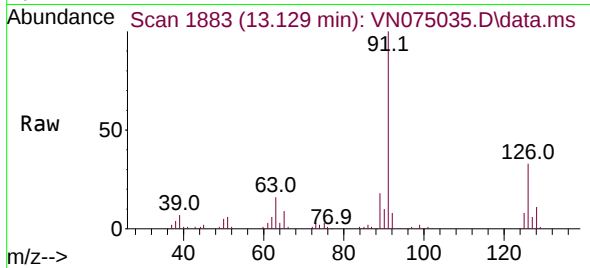
#79
2-Chlorotoluene
Concen: 20.720 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01

Tgt Ion: 91 Resp: 9011
Ion Ratio Lower Upper
91 100
126 33.2 16.9 50.7

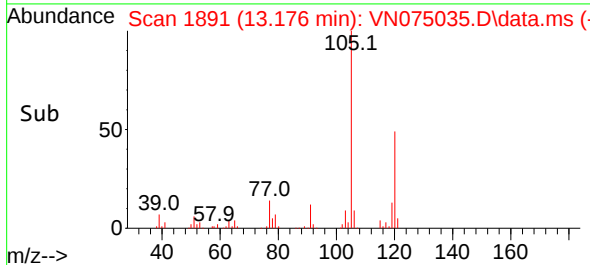
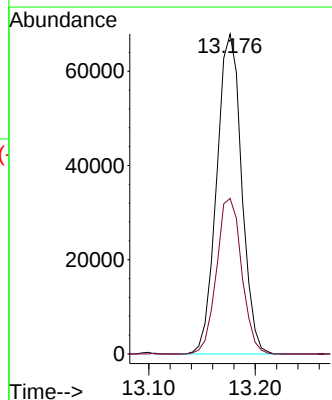
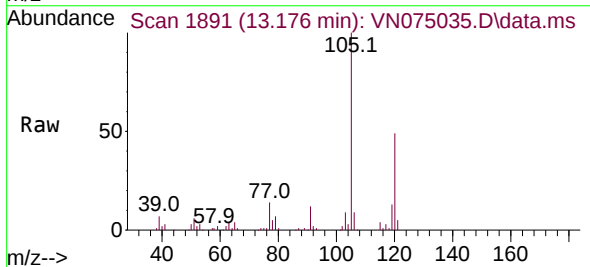
Manual Integrations
APPROVED

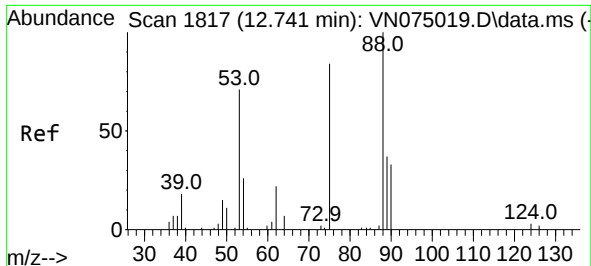
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.692 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

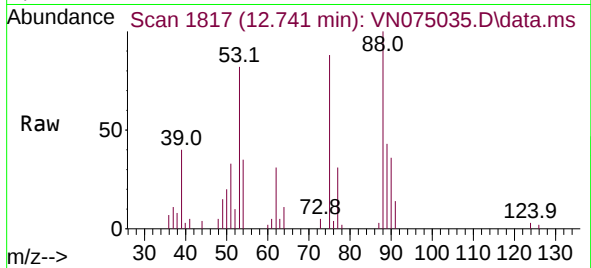
Tgt Ion:105 Resp: 110178
Ion Ratio Lower Upper
105 100
120 49.0 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 19.311 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

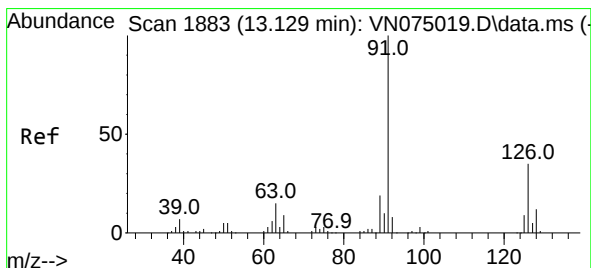
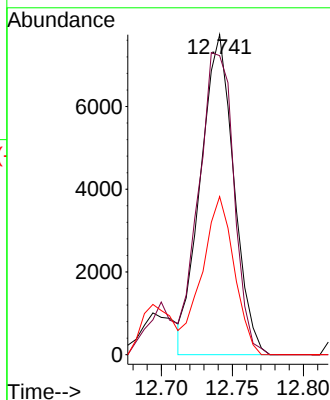
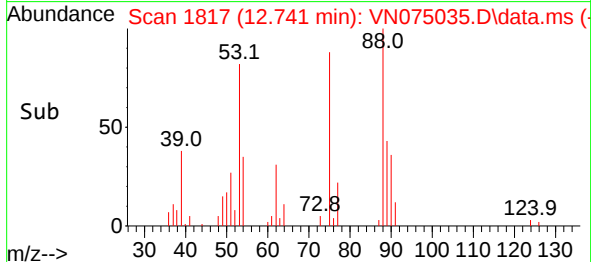
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



Tgt Ion: 75 Resp: 1261
Ion Ratio Lower Upper
75 100
53 99.0 78.5 117.7
89 48.0 37.7 56.5

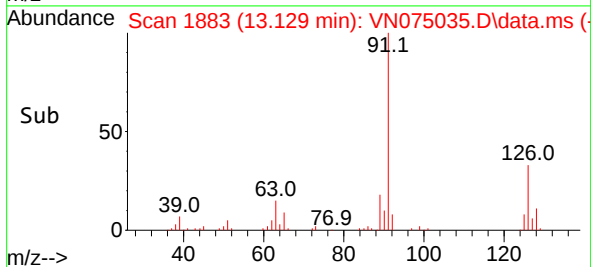
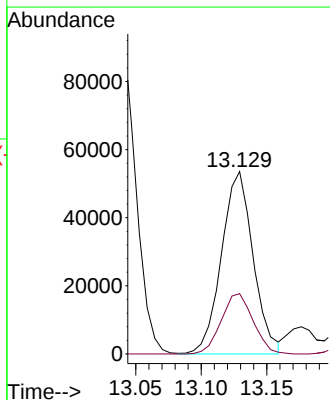
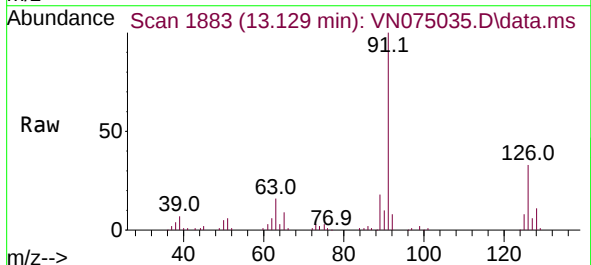
Manual Integrations
APPROVED

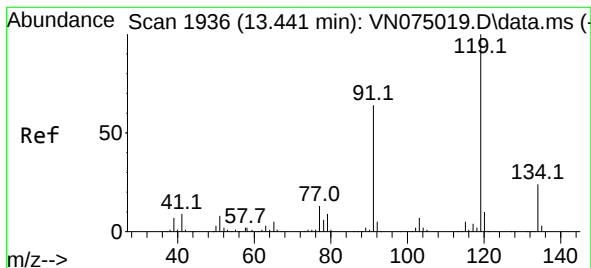
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#82
4-Chlorotoluene
Concen: 20.720 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

Tgt Ion: 91 Resp: 90117
Ion Ratio Lower Upper
91 100
126 33.2 16.9 50.7





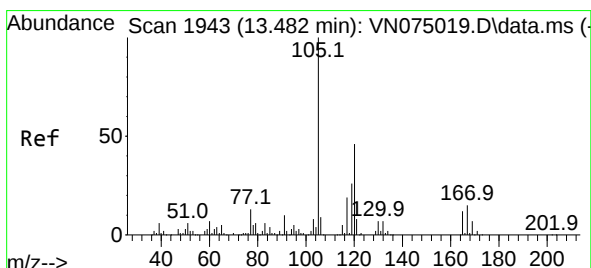
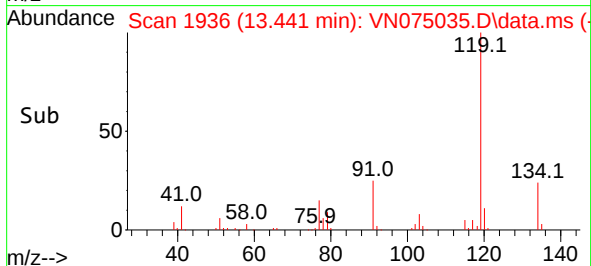
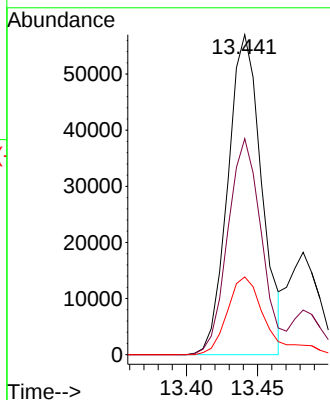
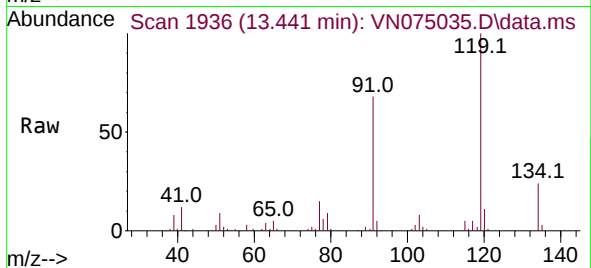
#83
tert-Butylbenzene
Concen: 19.919 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

Instrument : MSVOA_N
ClientSampleId : VN1027WBSD01

Tgt Ion:119 Resp: 9424
Ion Ratio Lower Upper
119 100
91 68.1 32.8 98.4
134 27.9 12.3 36.9

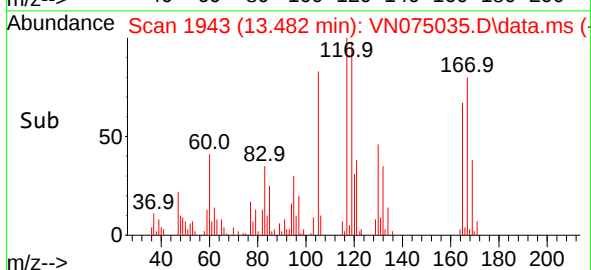
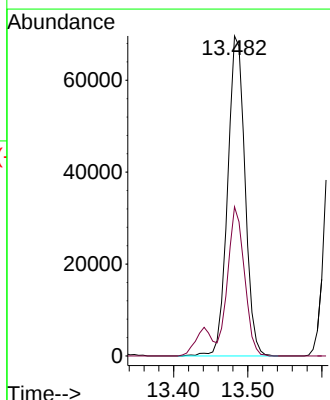
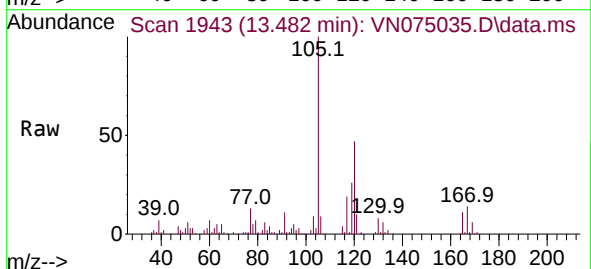
Manual Integrations
APPROVED

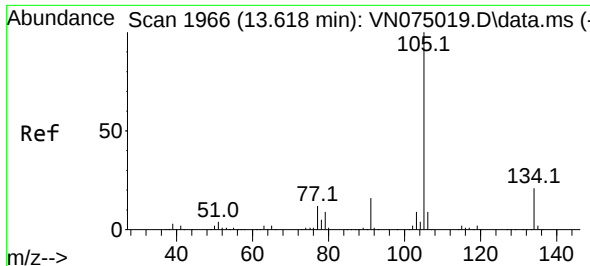
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#84
1,2,4-Trimethylbenzene
Concen: 21.002 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

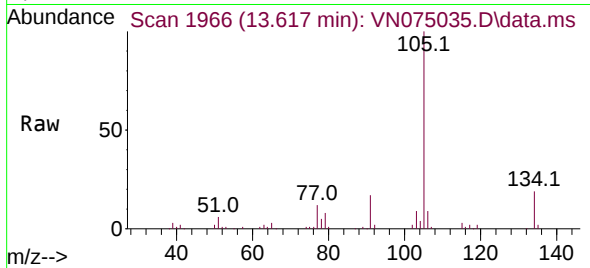
Tgt Ion:105 Resp: 113147
Ion Ratio Lower Upper
105 100
120 44.6 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 20.315 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075035.D
 Acq: 27 Oct 2022 12:55

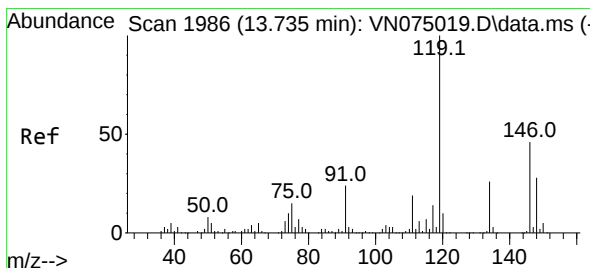
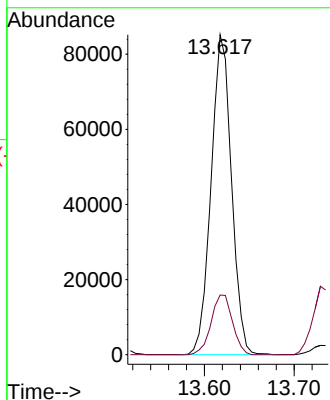
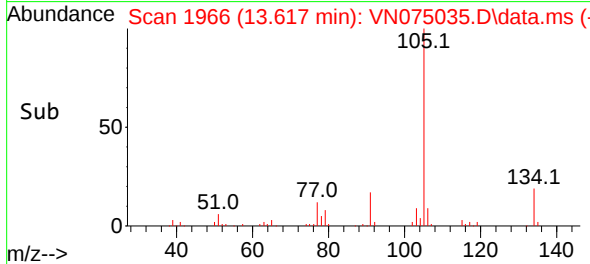
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBSD01



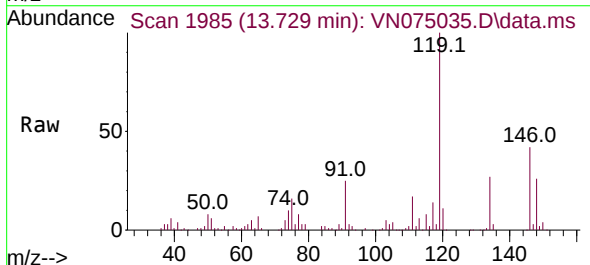
Tgt Ion:105 Resp: 134462
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.2 30.6

Manual Integrations
 APPROVED

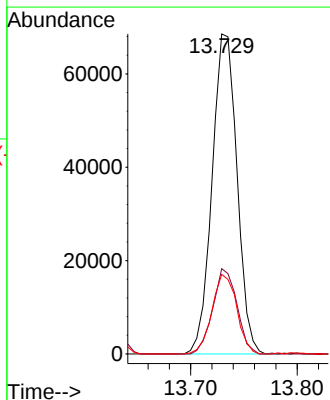
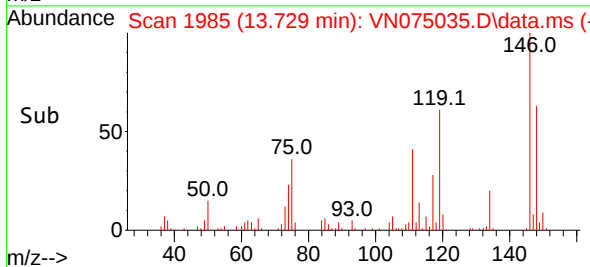
Reviewed By :John Carlone 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022

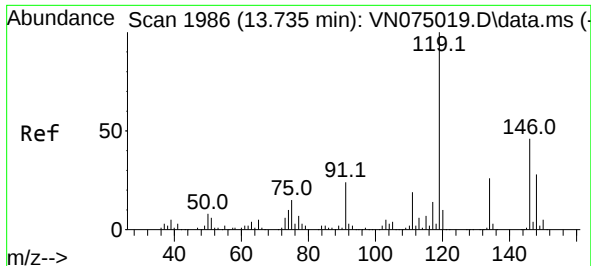


#86
 p-Isopropyltoluene
 Concen: 20.382 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075035.D
 Acq: 27 Oct 2022 12:55



Tgt Ion:119 Resp: 111413
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.3
 91 24.7 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 19.785 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075035.D

Acq: 27 Oct 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBSD01

Tgt Ion:146 Resp: 5407

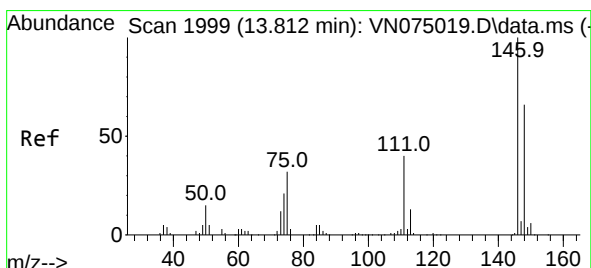
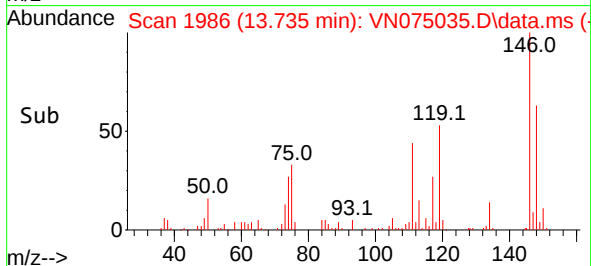
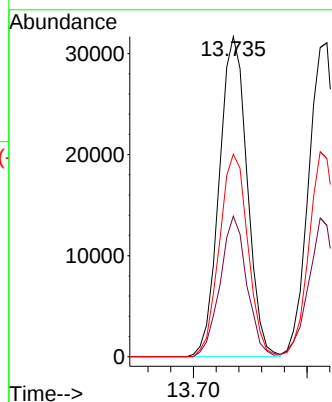
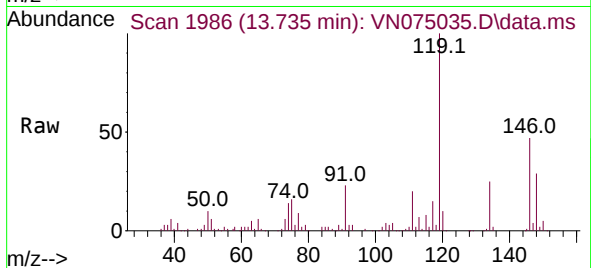
Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.8	62.5
148	64.6	31.1	93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#88

1,4-Dichlorobenzene

Concen: 19.936 ug/l

RT: 13.817 min Scan# 2000

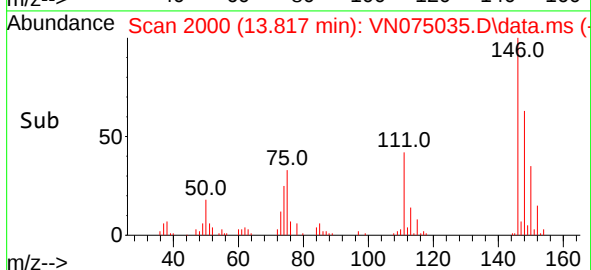
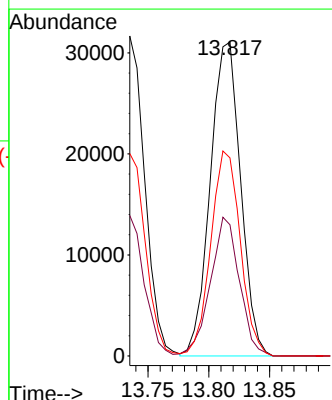
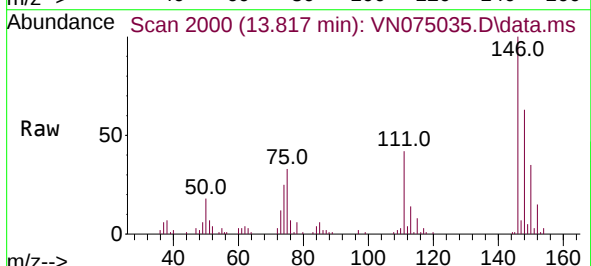
Delta R.T. 0.005 min

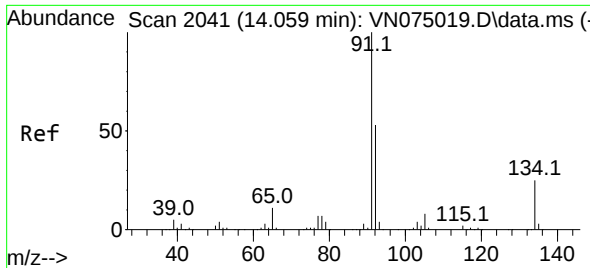
Lab File: VN075035.D

Acq: 27 Oct 2022 12:55

Tgt Ion:146 Resp: 53924

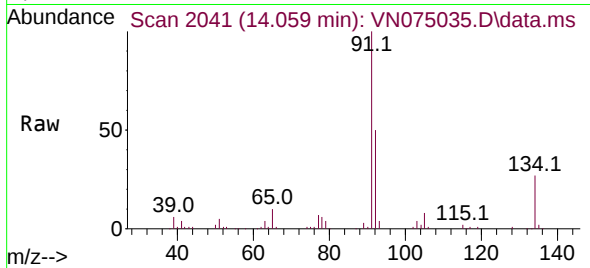
Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.1	60.3
148	63.6	31.9	95.7





#89
n-Butylbenzene
Concen: 20.698 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

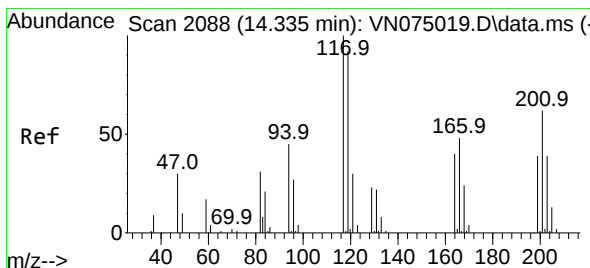
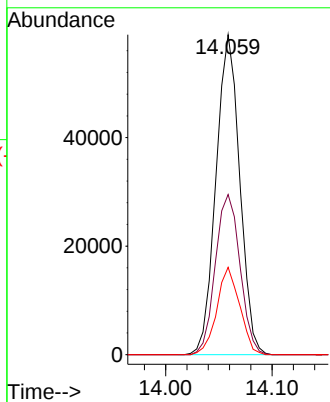
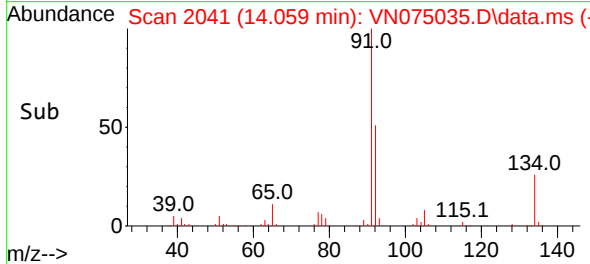
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



Tgt Ion: 91 Resp: 91110
Ion Ratio Lower Upper
91 100
92 52.0 26.5 79.4
134 26.3 13.0 39.0

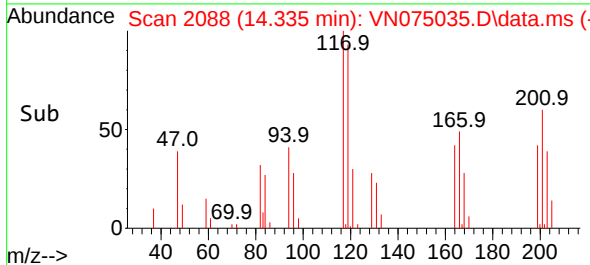
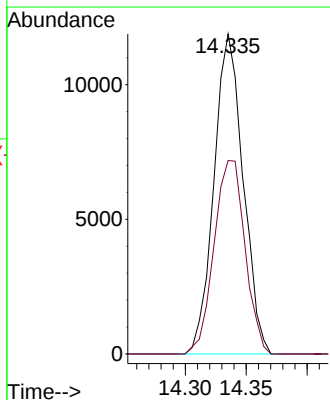
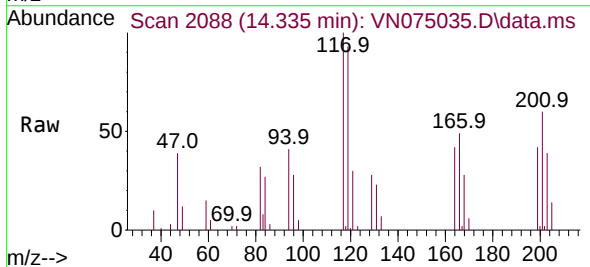
Manual Integrations
APPROVED

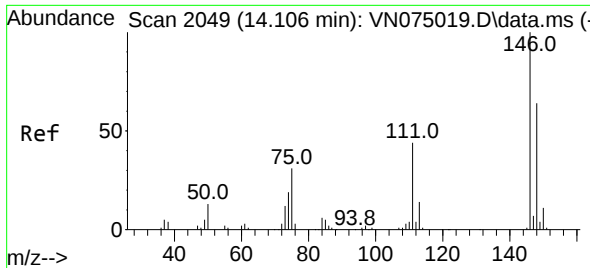
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#90
Hexachloroethane
Concen: 19.732 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

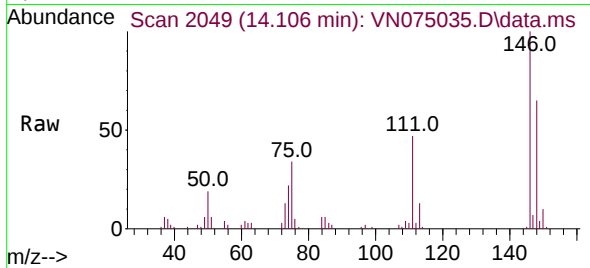
Tgt Ion:117 Resp: 19776
Ion Ratio Lower Upper
117 100
201 64.3 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 19.997 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

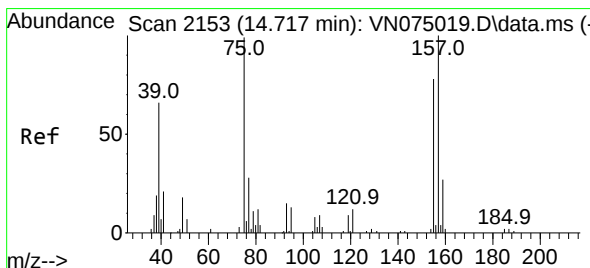
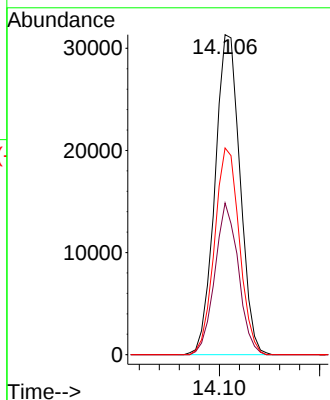
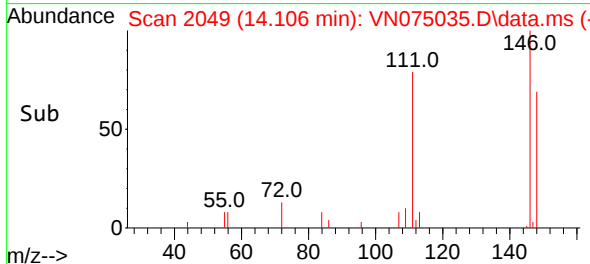
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



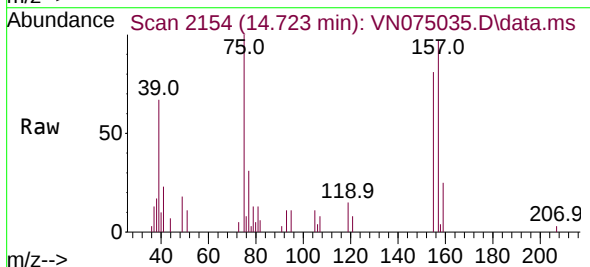
Tgt Ion:146 Resp: 5433
Ion Ratio Lower Upper
146 100
111 44.5 21.3 63.9
148 64.0 31.4 94.2

Manual Integrations
APPROVED

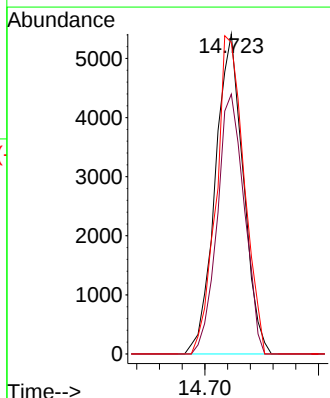
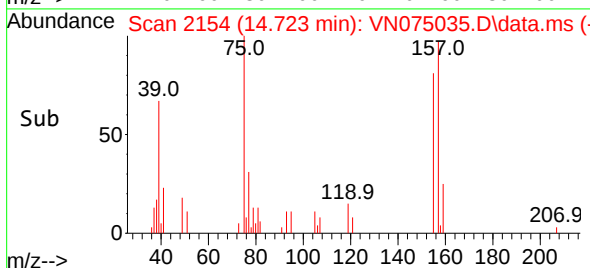
Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

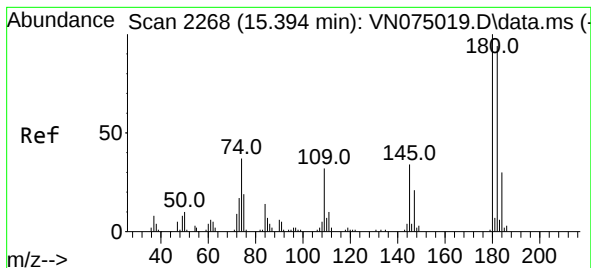


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.634 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55



Tgt Ion: 75 Resp: 9251
Ion Ratio Lower Upper
75 100
155 78.5 42.1 126.3
157 99.3 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 20.119 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075035.D

Acq: 27 Oct 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBSD01

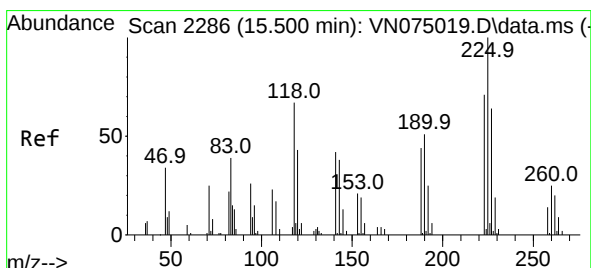
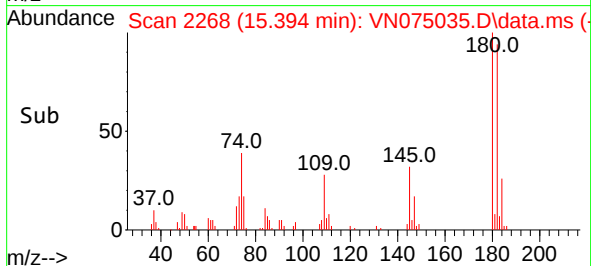
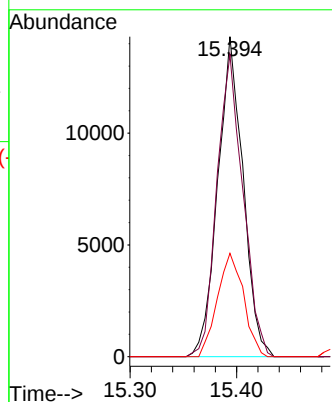
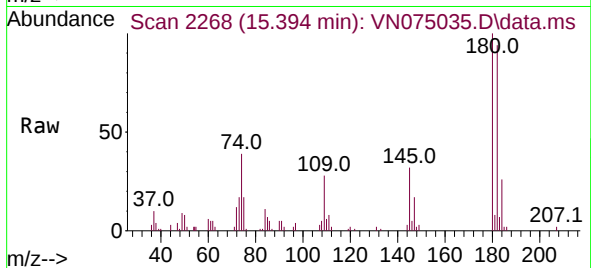
Tgt Ion:	180	Resp:	2352
Ion Ratio	Lower	Upper	
180	100		
182	97.2	47.8	143.4
145	33.6	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#94

Hexachlorobutadiene

Concen: 20.174 ug/l

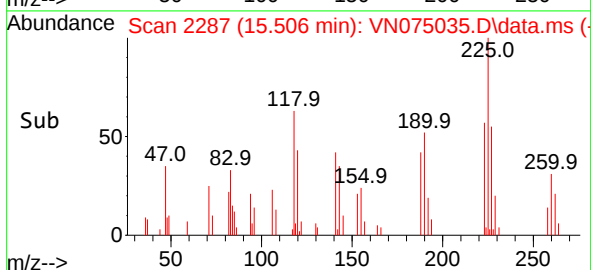
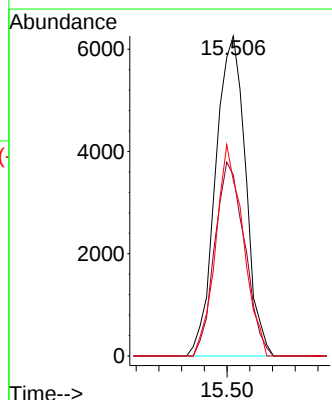
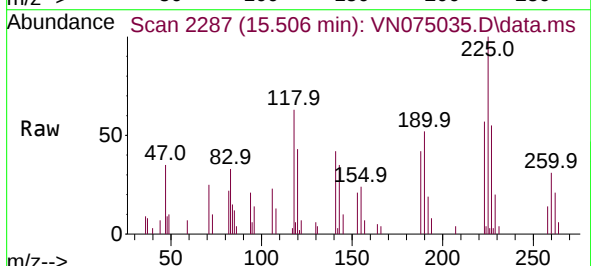
RT: 15.506 min Scan# 2287

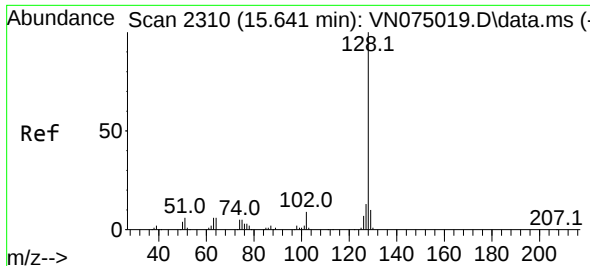
Delta R.T. 0.006 min

Lab File: VN075035.D

Acq: 27 Oct 2022 12:55

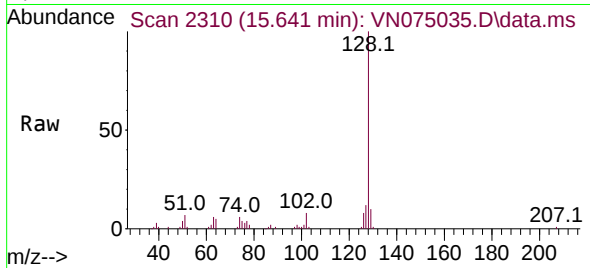
Tgt Ion:	225	Resp:	11499
Ion Ratio	Lower	Upper	
225	100		
223	60.4	32.3	96.9
227	60.3	32.0	96.2





#95
Naphthalene
Concen: 20.713 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55

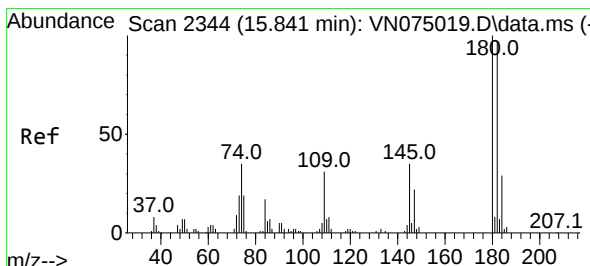
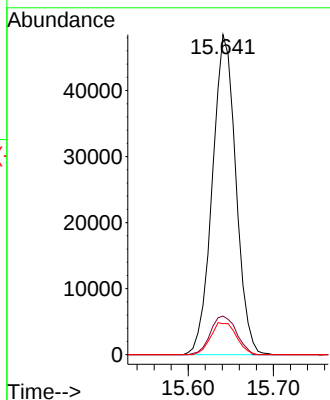
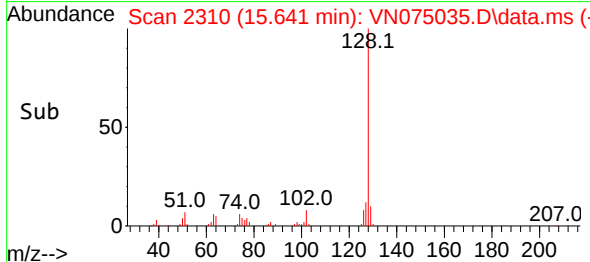
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



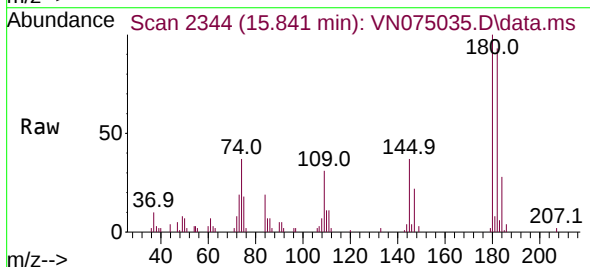
Tgt Ion:128 Resp: 9313
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.592 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075035.D
Acq: 27 Oct 2022 12:55



Tgt Ion:180 Resp: 23922
Ion Ratio Lower Upper
180 100
182 94.1 47.3 141.8
145 35.5 17.6 52.9

