

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102622\
 Data File : VN075018.D
 Acq On : 26 Oct 2022 11:49
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: Oct 27 06:08:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 06:06:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	99512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	182488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	168096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	79639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	27153	20.251	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	40.500%#		
35) Dibromofluoromethane	8.171	113	20545	19.178	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.360%#		
50) Toluene-d8	10.571	98	79818	19.204	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	38.400%#		
62) 4-Bromofluorobenzene	12.853	95	27255	18.667	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	37.340%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	27067	20.909	ug/l	97
3) Chloromethane	2.377	50	31126	22.637	ug/l	98
4) Vinyl Chloride	2.524	62	41314	21.061	ug/l	97
5) Bromomethane	2.942	94	32545	20.244	ug/l	93
6) Chloroethane	3.118	64	30284	21.530	ug/l	94
7) Trichlorofluoromethane	3.500	101	40571	20.246	ug/l	97
8) Diethyl Ether	3.971	74	14688	20.096	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.389	101	22783	20.587	ug/l	99
10) Methyl Iodide	4.600	142	34214	20.767	ug/l	98
11) Tert butyl alcohol	5.536	59	31946	102.168	ug/l	100
12) 1,1-Dichloroethene	4.353	96	21978	20.835	ug/l	98
13) Acrolein	4.189	56	27448	107.321	ug/l	98
14) Allyl chloride	5.036	41	32558	21.133	ug/l	97
15) Acrylonitrile	5.736	53	69255	104.850	ug/l	99
16) Acetone	4.442	43	60337	106.277	ug/l	97
17) Carbon Disulfide	4.730	76	54162	20.418	ug/l	99
18) Methyl Acetate	5.036	43	39907	21.519	ug/l	96
19) Methyl tert-butyl Ether	5.818	73	79203	20.202	ug/l	98
20) Methylene Chloride	5.283	84	26340	20.808	ug/l	93
21) trans-1,2-Dichloroethene	5.800	96	22570	19.542	ug/l	98
22) Diisopropyl ether	6.683	45	68987	20.291	ug/l	96
23) Vinyl Acetate	6.618	43	290817m	110.120	ug/l	
24) 1,1-Dichloroethane	6.577	63	43644	20.297	ug/l	98
25) 2-Butanone	7.494	43	95475	106.917	ug/l	94
26) 2,2-Dichloropropane	7.506	77	39789	20.114	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	26918	19.516	ug/l	97
28) Bromochloromethane	7.824	49	18469	20.375	ug/l	99
29) Tetrahydrofuran	7.847	42	60412	104.693	ug/l	98
30) Chloroform	7.977	83	46364	19.859	ug/l	99
31) Cyclohexane	8.265	56	39192	19.653	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	41976	19.799	ug/l	93
36) 1,1-Dichloropropene	8.377	75	33933	20.459	ug/l	99
37) Ethyl Acetate	7.571	43	36531	20.084	ug/l	99
38) Carbon Tetrachloride	8.371	117	35975	19.719	ug/l	95
39) Methylcyclohexane	9.606	83	44311	20.237	ug/l	96
40) Benzene	8.612	78	103488	20.379	ug/l	98

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Quant Title : SW846 8260

QLast Update : Thu Oct 27 06:06:29 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	17533	20.120	ug/l	96
42) 1,2-Dichloroethane	8.677	62	38098	20.621	ug/l	99
43) Isopropyl Acetate	8.694	43	59733	21.172	ug/l	99
44) Trichloroethene	9.359	130	25772	20.228	ug/l	94
45) 1,2-Dichloropropane	9.624	63	24586	20.344	ug/l	98
46) Dibromomethane	9.712	93	19298	20.496	ug/l	97
47) Bromodichloromethane	9.888	83	35873	19.674	ug/l	94
48) Methyl methacrylate	9.682	41	27060	20.909	ug/l	94
49) 1,4-Dioxane	9.694	88	14750	435.230	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	190942	104.877	ug/l	99
52) Toluene	10.635	92	66349	19.545	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	38341	19.922	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	40866	20.020	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	25884	19.230	ug/l #	83
56) Ethyl methacrylate	10.876	69	41173	20.053	ug/l	97
57) 1,3-Dichloropropane	11.165	76	44739	19.959	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	79089	99.640	ug/l	98
59) 2-Hexanone	11.200	43	145044	104.967	ug/l	98
60) Dibromochloromethane	11.365	129	27267	19.201	ug/l	97
61) 1,2-Dibromoethane	11.471	107	27304	19.794	ug/l	99
64) Tetrachloroethene	11.106	164	21041	20.417	ug/l	90
65) Chlorobenzene	11.894	112	71087	19.812	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	25984	19.522	ug/l	98
67) Ethyl Benzene	11.965	91	128401	19.890	ug/l	99
68) m/p-Xylenes	12.076	106	103322	39.889	ug/l	99
69) o-Xylene	12.400	106	50085	19.552	ug/l	98
70) Styrene	12.412	104	81407	19.931	ug/l	98
71) Bromoform	12.576	173	18696	18.761	ug/l #	97
73) Isopropylbenzene	12.700	105	129128	20.197	ug/l	99
74) N-amyl acetate	12.494	43	50160	21.212	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	43961	21.079	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	33988m	18.039	ug/l	
77) Bromobenzene	12.982	156	27797	19.745	ug/l	93
78) n-propylbenzene	13.041	91	148195	20.645	ug/l	98
79) 2-Chlorotoluene	13.129	91	91907	20.953	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	109003	20.298	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	12956	19.668	ug/l	98
82) 4-Chlorotoluene	13.129	91	91907	20.953	ug/l	99
83) tert-Butylbenzene	13.441	119	97738	20.483	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	112880	20.775	ug/l	99
85) sec-Butylbenzene	13.617	105	136447	20.441	ug/l	100
86) p-Isopropyltoluene	13.729	119	114133	20.703	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	53966	19.579	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	54437	19.956	ug/l	98
89) n-Butylbenzene	14.059	91	88871	20.019	ug/l	99
90) Hexachloroethane	14.335	117	20212	19.997	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	54134	19.755	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8734	20.252	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	22130	18.767	ug/l	98
94) Hexachlorobutadiene	15.500	225	11685	20.327	ug/l	96
95) Naphthalene	15.641	128	88734	19.568	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	22968	19.603	ug/l	99

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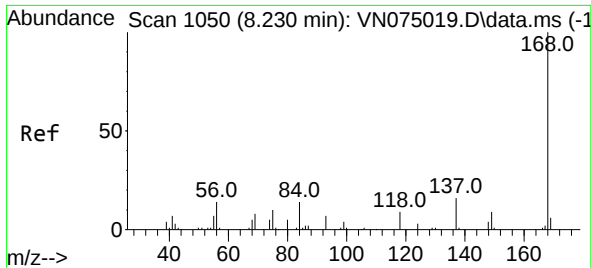
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/31/2022

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Quant Title : SW846 8260
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Response via : Initial Calibration

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



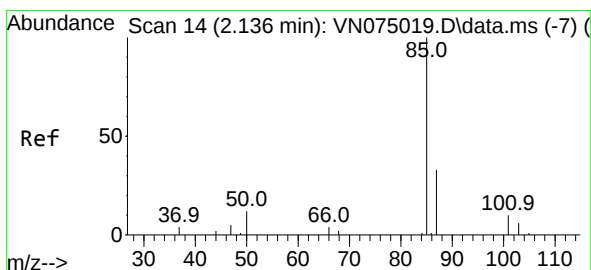
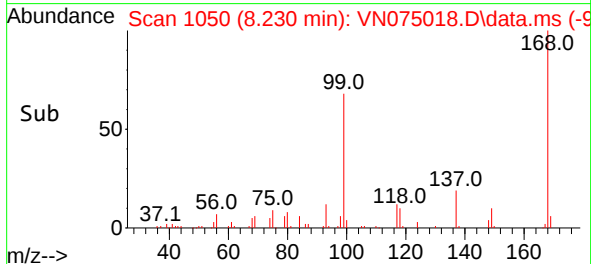
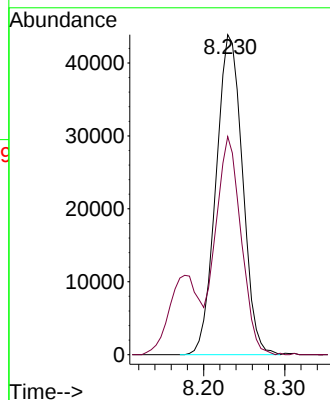
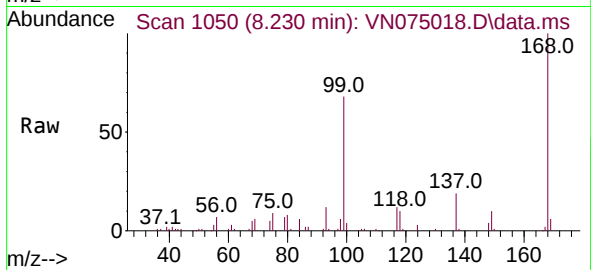
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075018.D
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Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:168 Resp: 99512
Ion Ratio Lower Upper
168 100
99 67.7 51.6 77.4

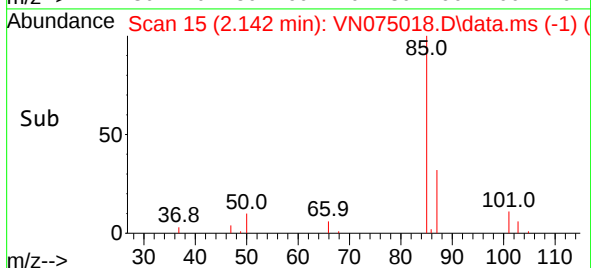
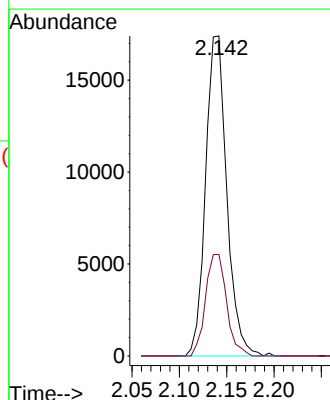
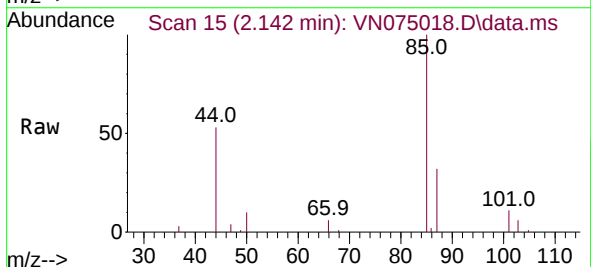
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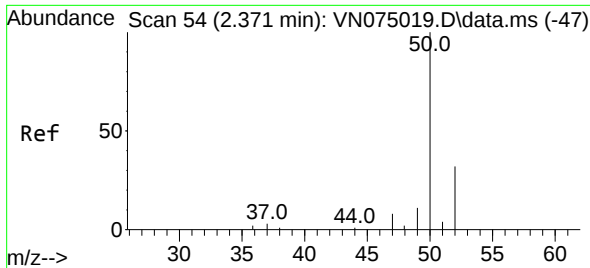
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#2
Dichlorodifluoromethane
Concen: 20.909 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Tgt Ion: 85 Resp: 27067
Ion Ratio Lower Upper
85 100
87 31.8 16.7 50.0





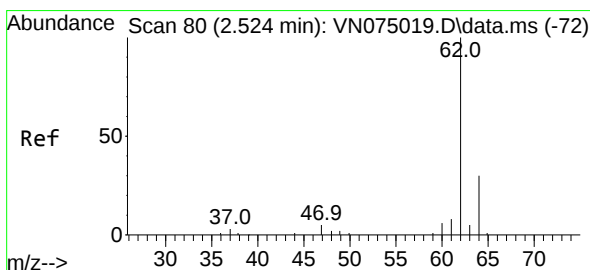
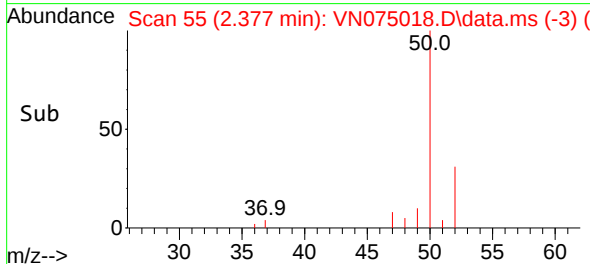
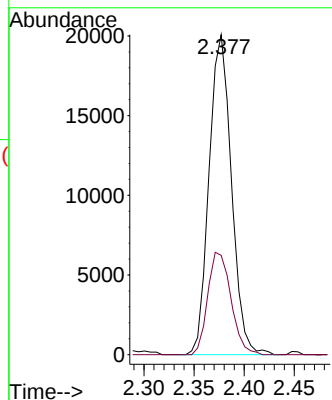
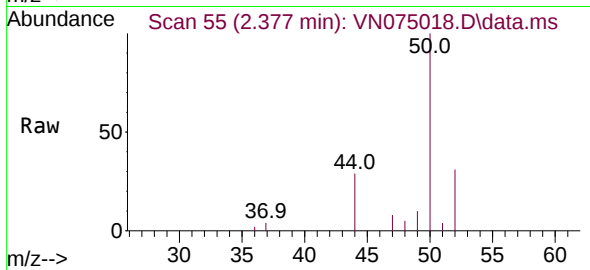
#3
Chloromethane
Concen: 22.637 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Instrument :
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ClientSampleId :
VSTDIC020

Tgt Ion: 50 Resp: 31120
Ion Ratio Lower Upper
50 100
52 31.0 25.8 38.6

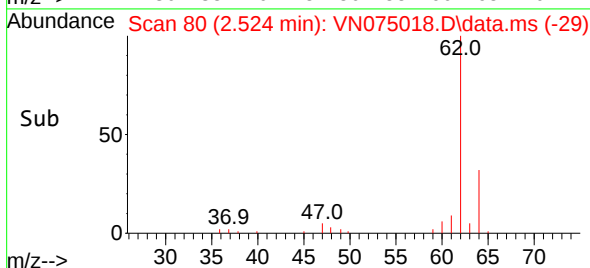
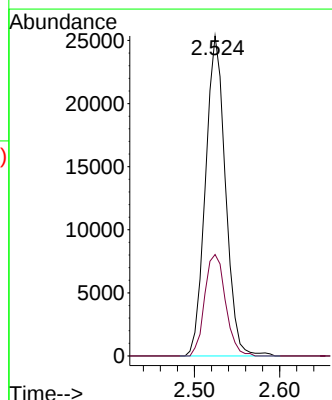
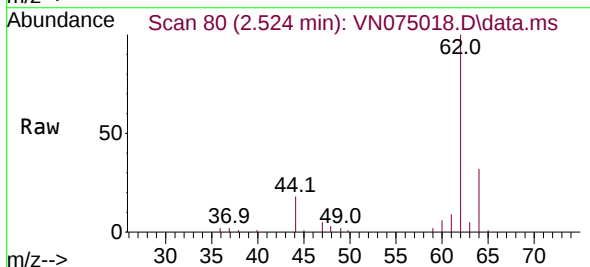
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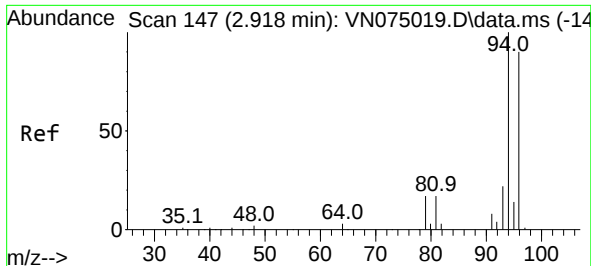
Reviewed By :John Carlone 10/27/2022
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#4
Vinyl Chloride
Concen: 21.061 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

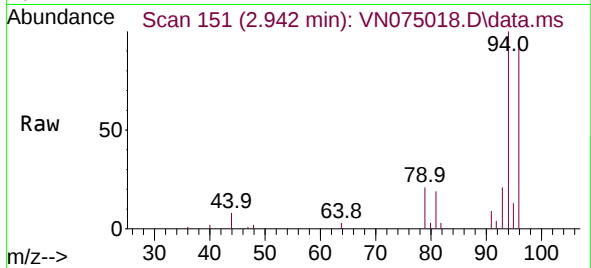
Tgt Ion: 62 Resp: 41314
Ion Ratio Lower Upper
62 100
64 31.7 24.0 36.0





#5
Bromomethane
Concen: 20.244 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

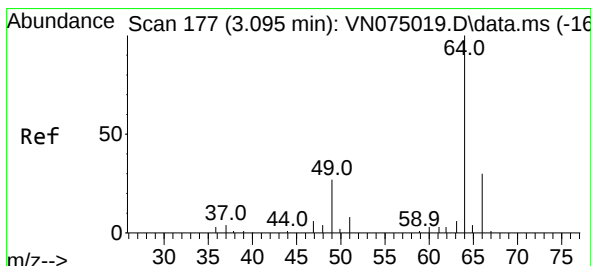
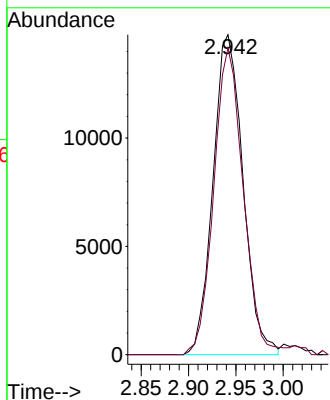
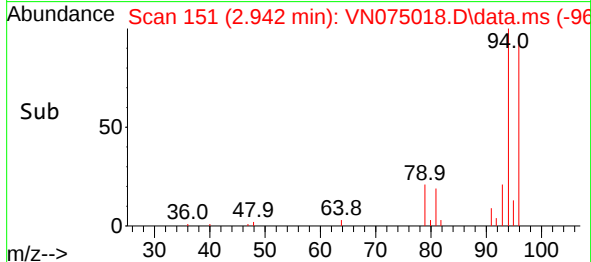
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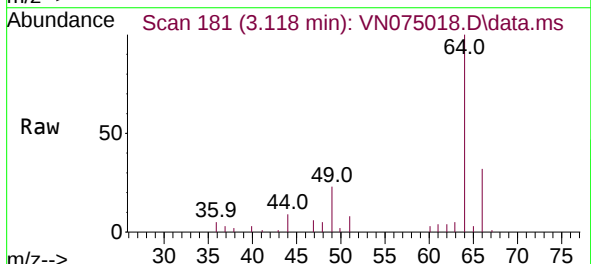
Tgt Ion: 94 Resp: 3254
Ion Ratio Lower Upper
94 100
96 95.9 71.8 107.6

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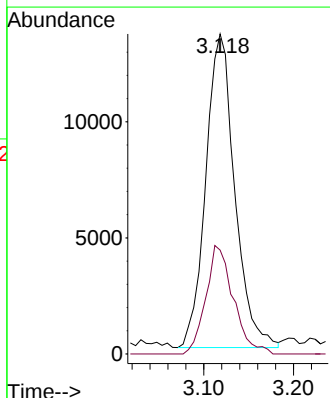
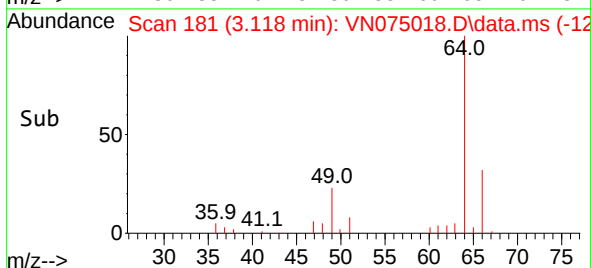
Reviewed By :John Carlone 10/27/2022
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#6
Chloroethane
Concen: 21.530 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.023 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49



Tgt Ion: 64 Resp: 30284
Ion Ratio Lower Upper
64 100
66 33.1 23.8 35.8





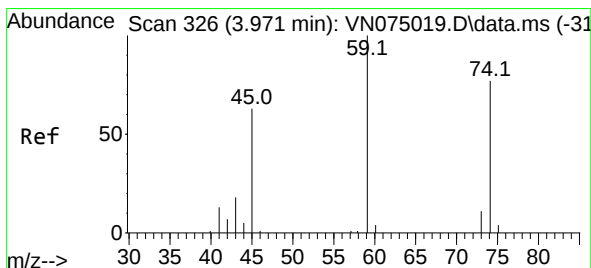
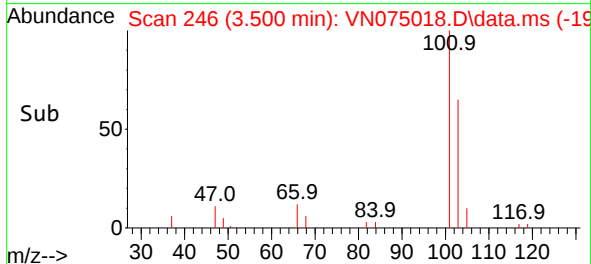
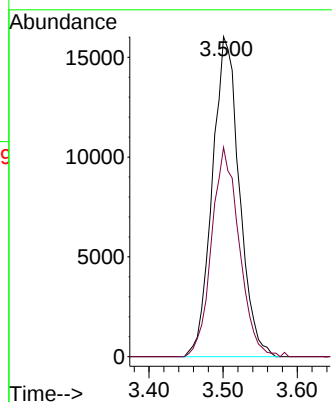
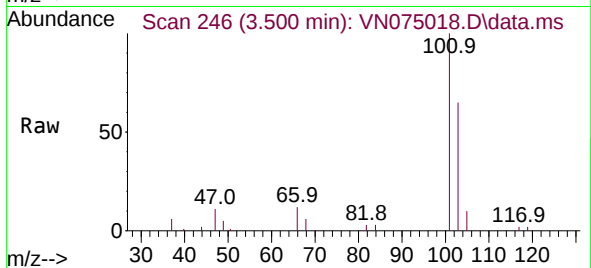
#7
Trichlorofluoromethane
Concen: 20.246 ug/l
RT: 3.500 min Scan# 244
Delta R.T. 0.012 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 4057
Ion Ratio Lower Upper
101 100
103 65.4 50.5 75.7

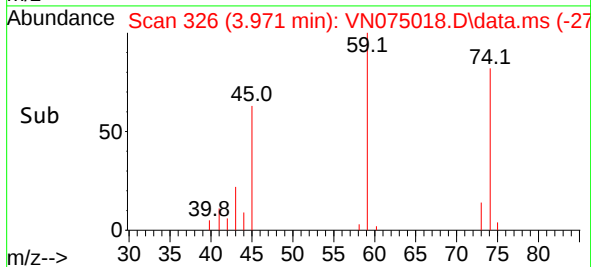
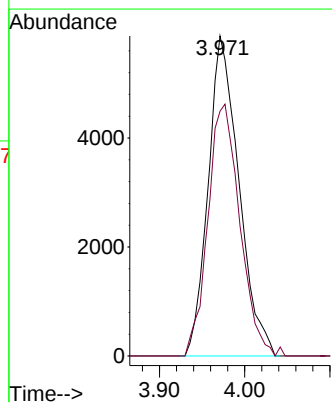
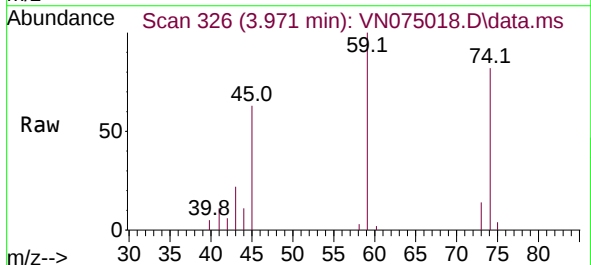
Manual Integrations
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#8
Diethyl Ether
Concen: 20.096 ug/l
RT: 3.971 min Scan# 326
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Tgt Ion: 74 Resp: 14688
Ion Ratio Lower Upper
74 100
45 82.0 39.3 117.9





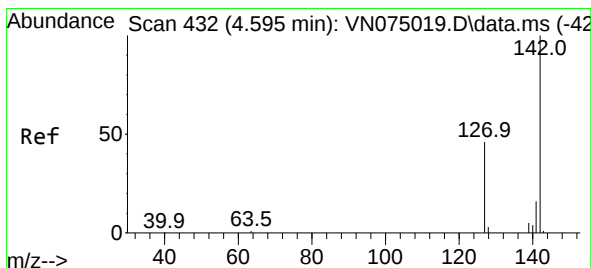
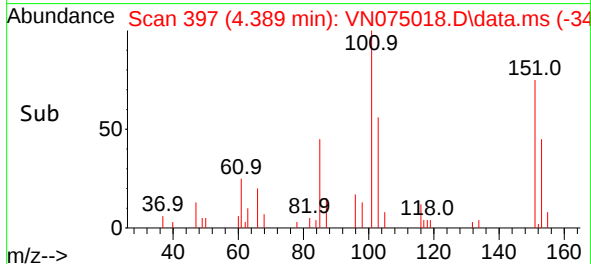
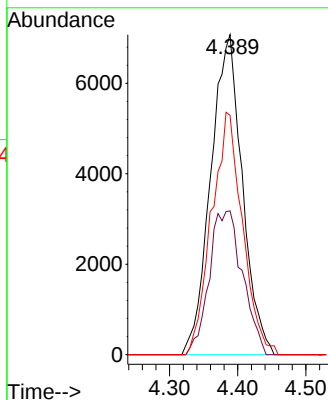
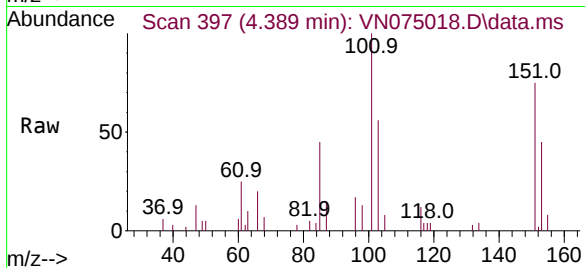
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.587 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
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Tgt Ion:101 Resp: 2278
Ion Ratio Lower Upper
101 100
85 47.5 37.6 56.4
151 74.1 58.3 87.5

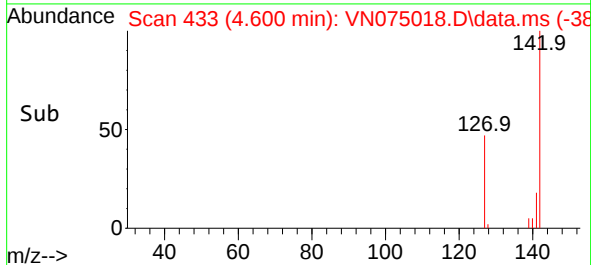
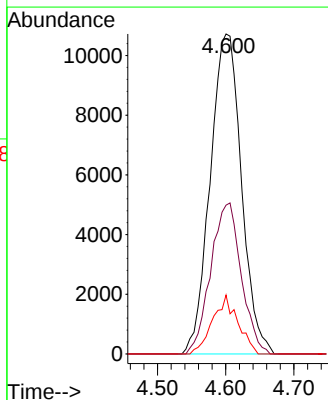
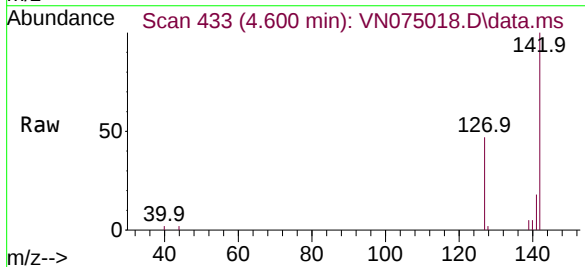
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 20.767 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.006 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Tgt Ion:142 Resp: 34214
Ion Ratio Lower Upper
142 100
127 46.0 38.0 57.0
141 14.8 12.2 18.4





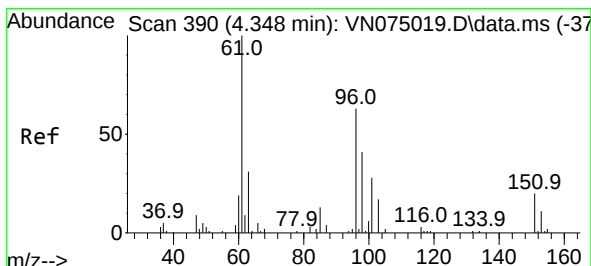
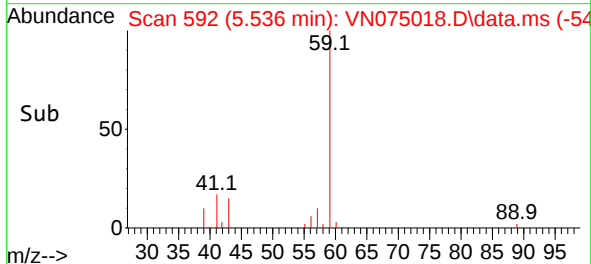
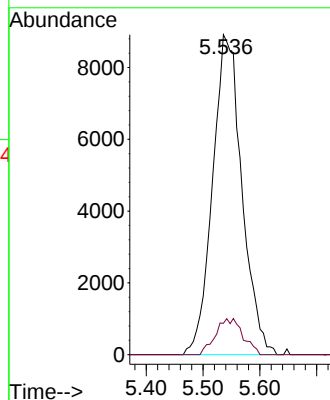
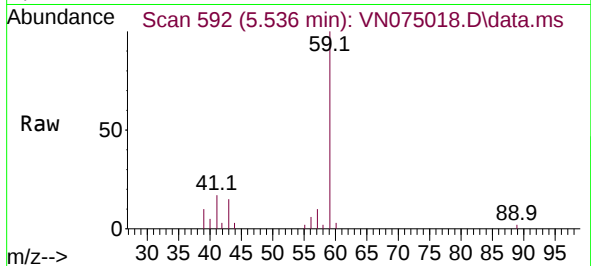
#11
Tert butyl alcohol
Concen: 102.168 ug/l
RT: 5.536 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 31940
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7

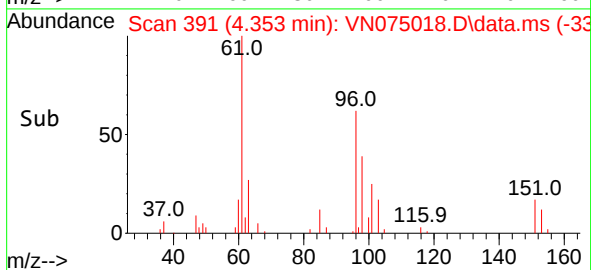
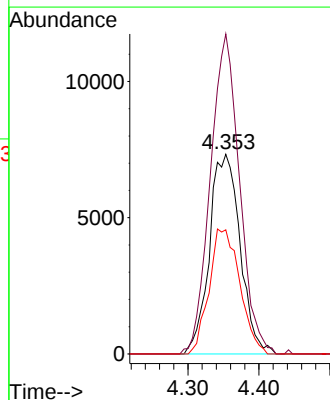
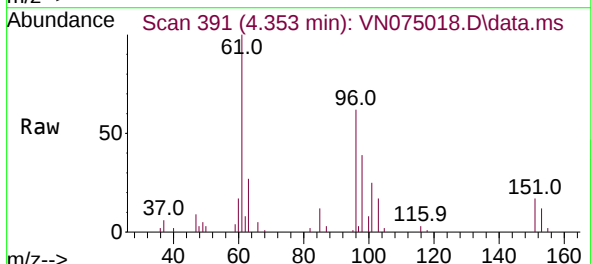
Manual Integrations
APPROVED

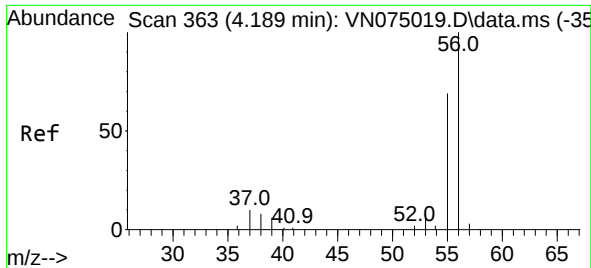
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#12
1,1-Dichloroethene
Concen: 20.835 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

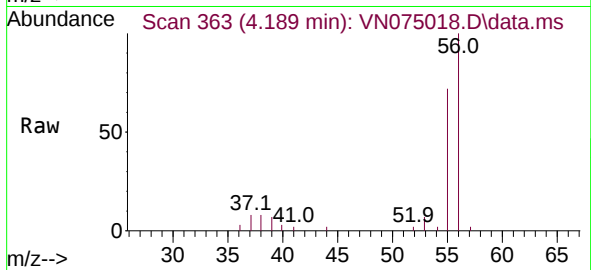
Tgt Ion: 96 Resp: 21978
Ion Ratio Lower Upper
96 100
61 160.2 126.2 189.4
98 62.2 51.5 77.3





#13
Acrolein
Concen: 107.321 ug/l
RT: 4.189 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

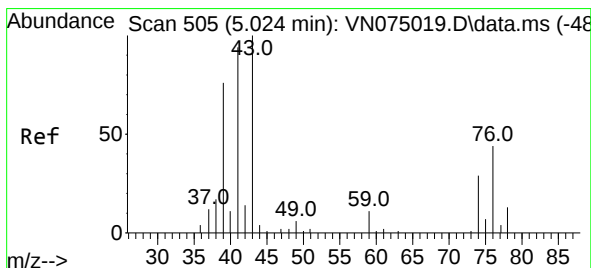
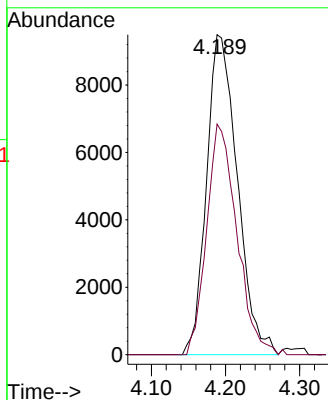
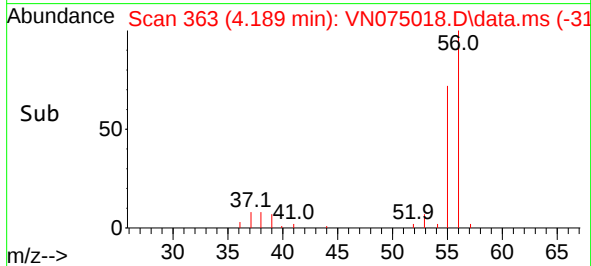
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



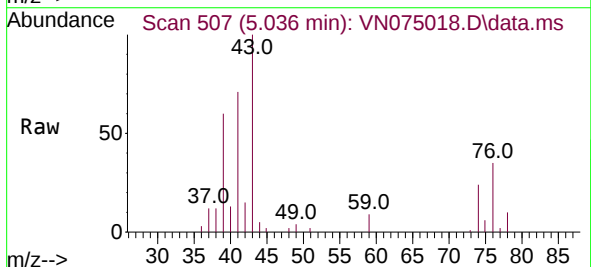
Tgt Ion: 56 Resp: 27448
Ion Ratio Lower Upper
56 100
55 70.6 55.2 82.8

Manual Integrations
APPROVED

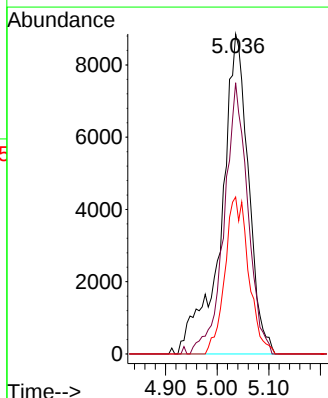
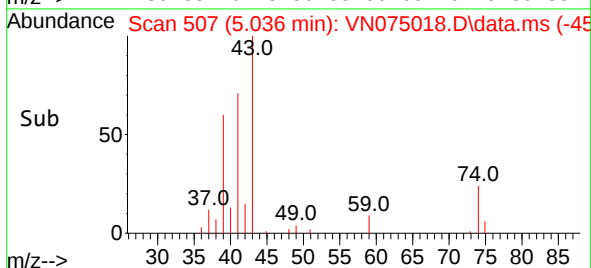
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

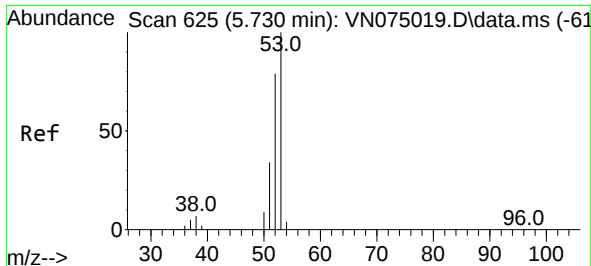


#14
Allyl chloride
Concen: 21.133 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.012 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49



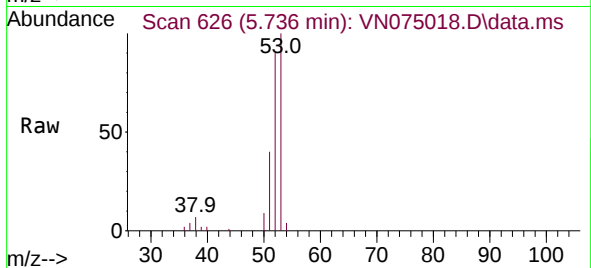
Tgt Ion: 41 Resp: 32558
Ion Ratio Lower Upper
41 100
39 73.0 61.0 91.4
76 42.6 33.4 50.0





#15
Acrylonitrile
Concen: 104.850 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

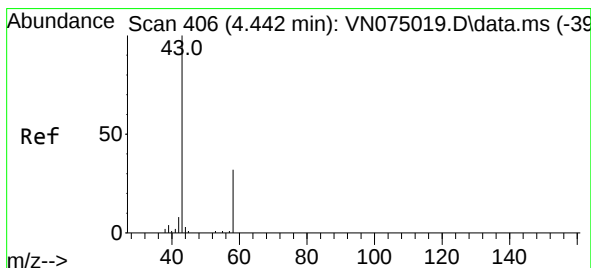
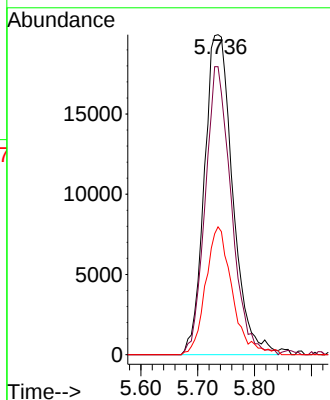
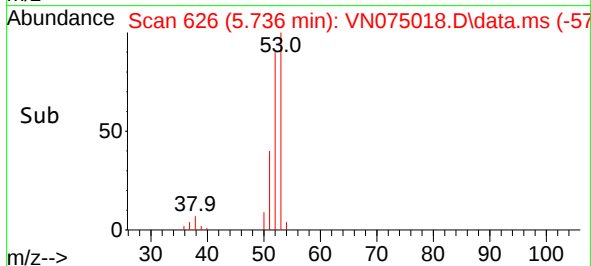
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 53 Resp: 6925
Ion Ratio Lower Upper
53 100
52 82.6 66.4 99.6
51 37.4 29.6 44.4

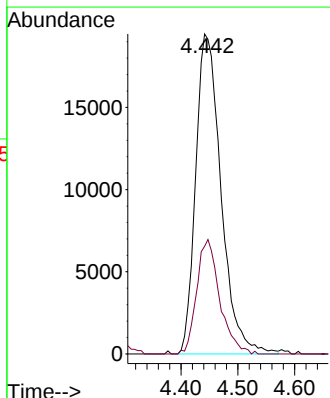
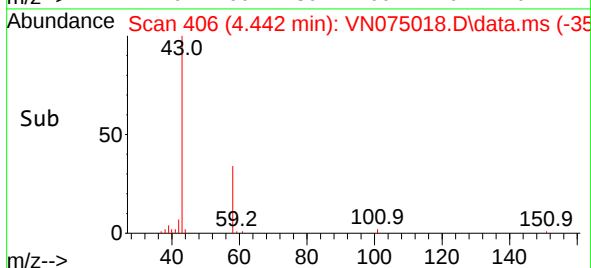
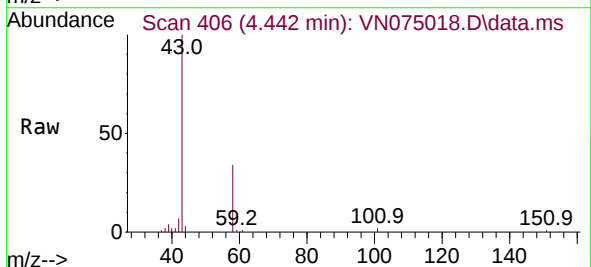
Manual Integrations
APPROVED

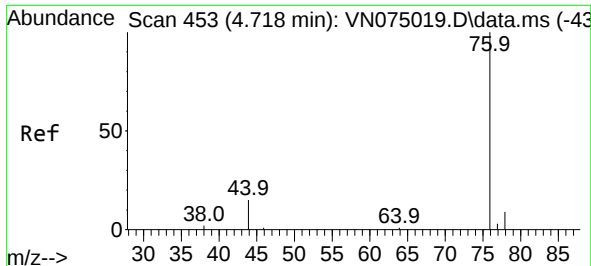
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#16
Acetone
Concen: 106.277 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Tgt Ion: 43 Resp: 60337
Ion Ratio Lower Upper
43 100
58 33.7 25.5 38.3





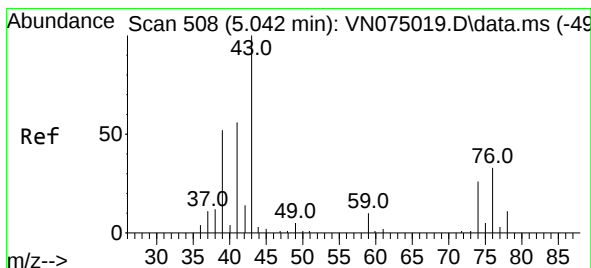
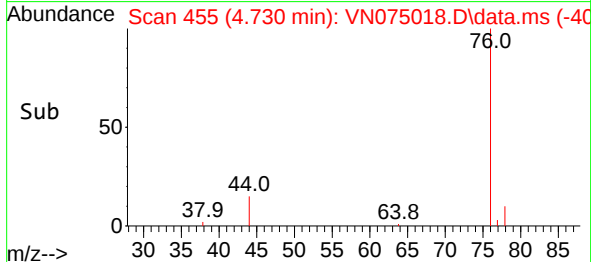
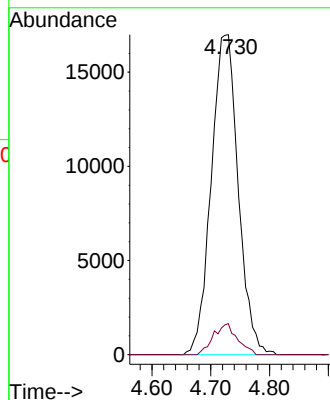
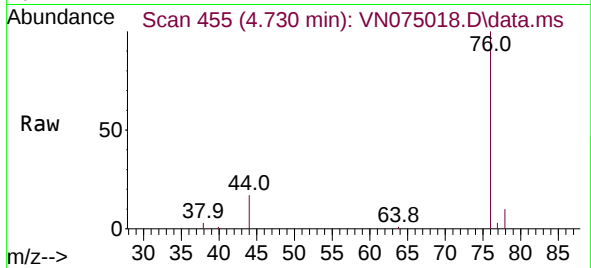
#17
Carbon Disulfide
Concen: 20.418 ug/l
RT: 4.730 min Scan# 416
Delta R.T. 0.012 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 5416
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2

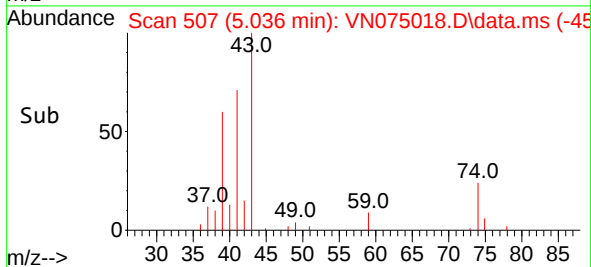
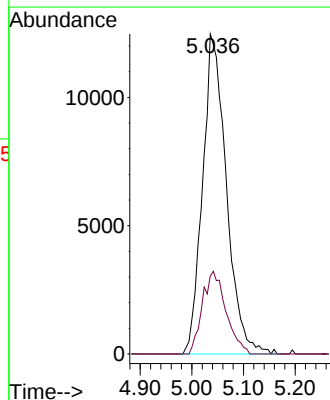
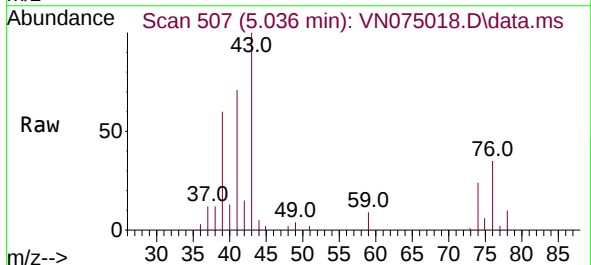
Manual Integrations
APPROVED

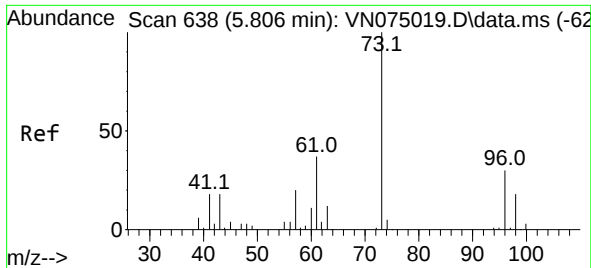
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#18
Methyl Acetate
Concen: 21.519 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Tgt Ion: 43 Resp: 39907
Ion Ratio Lower Upper
43 100
74 25.6 22.0 33.0





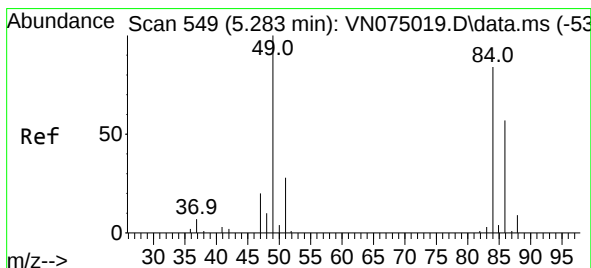
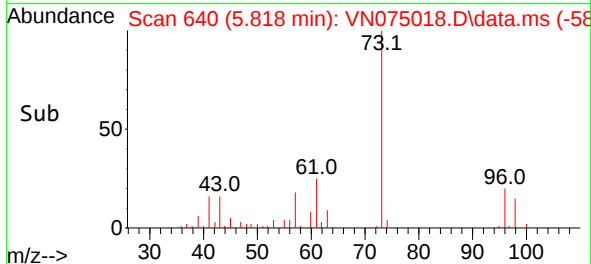
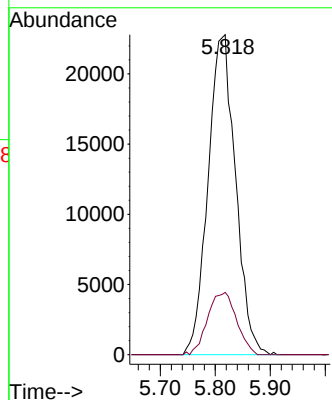
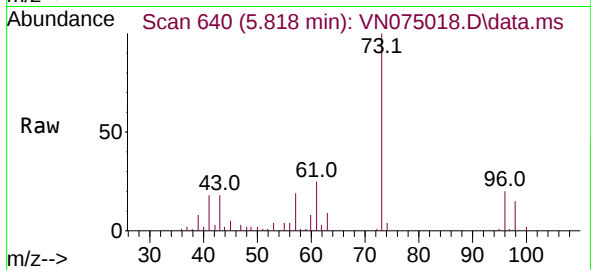
#19
Methyl tert-butyl Ether
Concen: 20.202 ug/l
RT: 5.818 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 7920
Ion Ratio Lower Upper
73 100
57 19.5 16.3 24.5

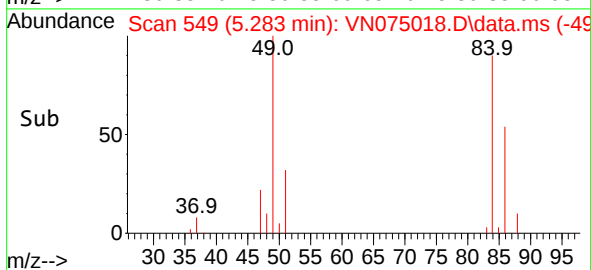
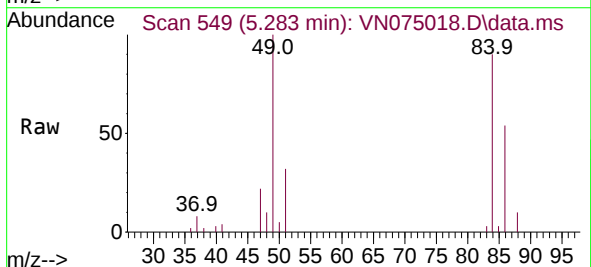
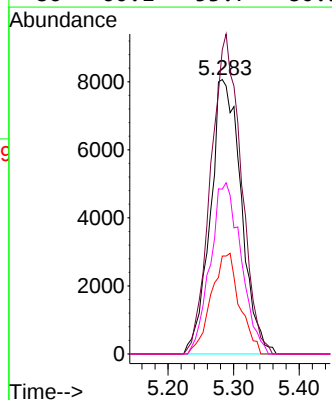
Manual Integrations
APPROVED

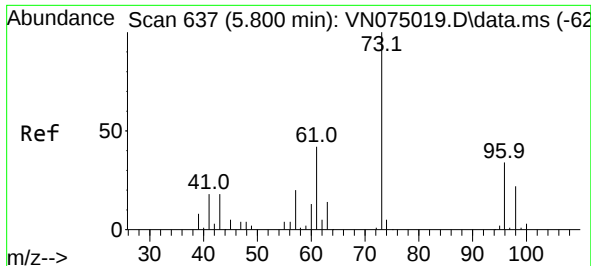
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#20
Methylene Chloride
Concen: 20.808 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Tgt Ion: 84 Resp: 26340
Ion Ratio Lower Upper
84 100
49 110.8 94.9 142.3
51 35.7 26.8 40.2
86 60.1 53.7 80.5





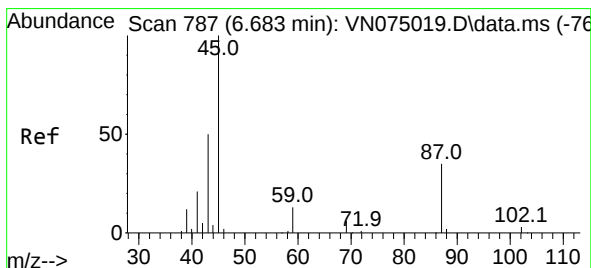
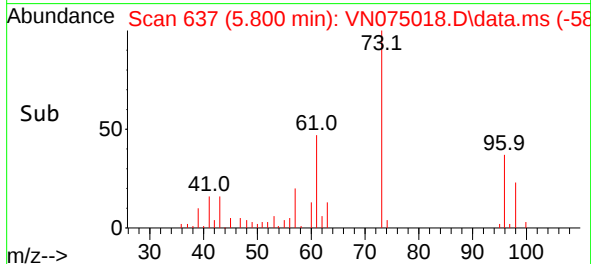
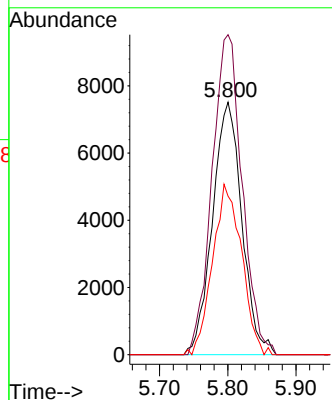
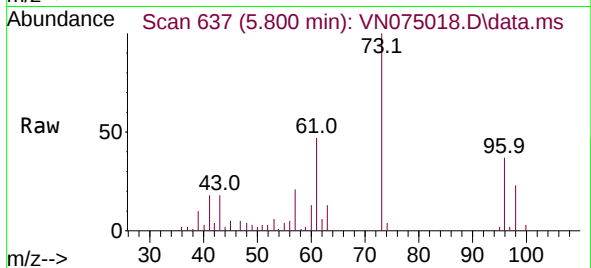
#21
trans-1,2-Dichloroethene
Concen: 19.542 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 22570
Ion Ratio Lower Upper
96 100
61 126.8 99.9 149.9
98 62.8 51.5 77.3

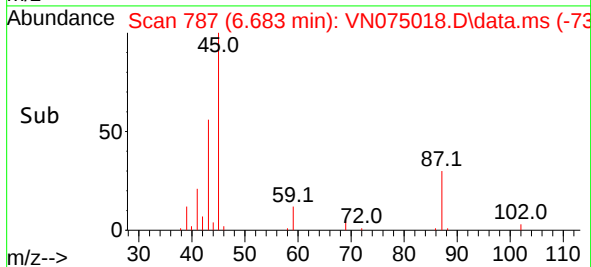
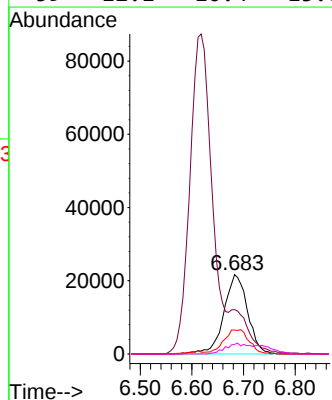
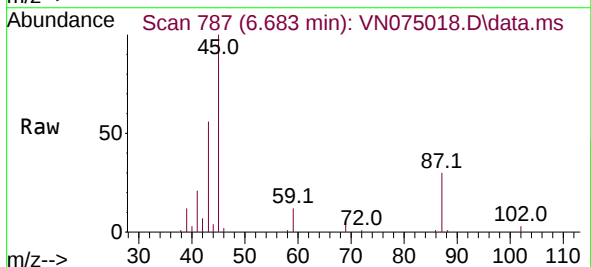
Manual Integrations
APPROVED

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



#22
Diisopropyl ether
Concen: 20.291 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Tgt Ion: 45 Resp: 68987
Ion Ratio Lower Upper
45 100
43 53.8 42.8 64.2
87 30.1 28.4 42.6
59 12.1 10.4 15.6





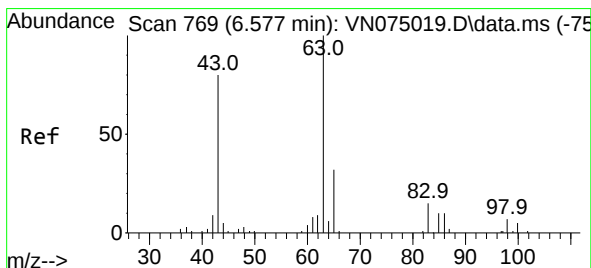
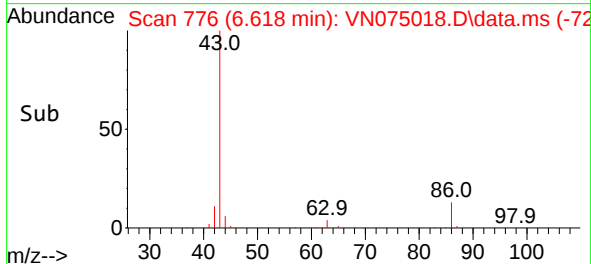
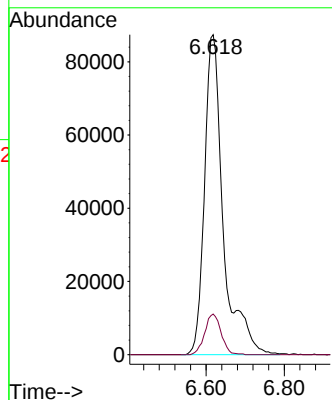
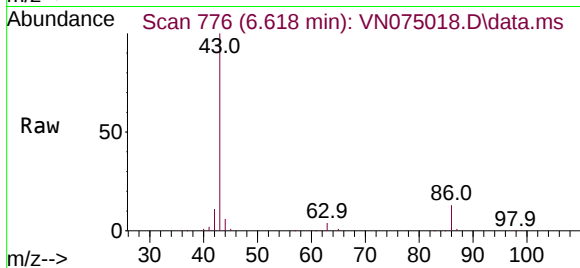
#23
 Vinyl Acetate
 Concen: 110.120 ug/l m
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN075018.D
 Acq: 26 Oct 2022 11:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 29081
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.7 16.1

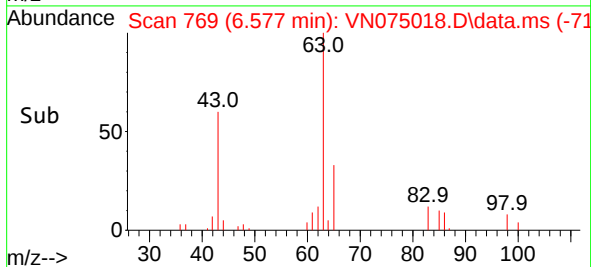
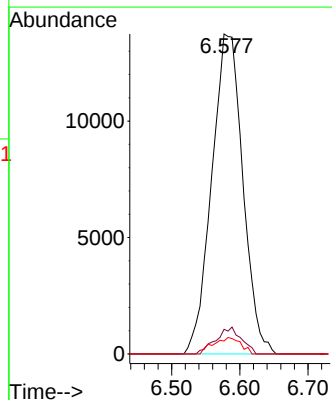
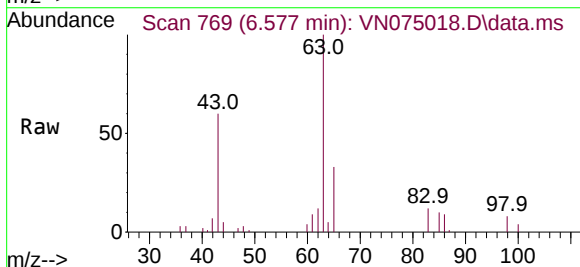
Manual Integrations
 APPROVED

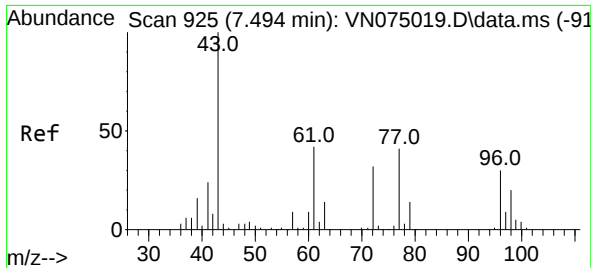
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#24
 1,1-Dichloroethane
 Concen: 20.297 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075018.D
 Acq: 26 Oct 2022 11:49

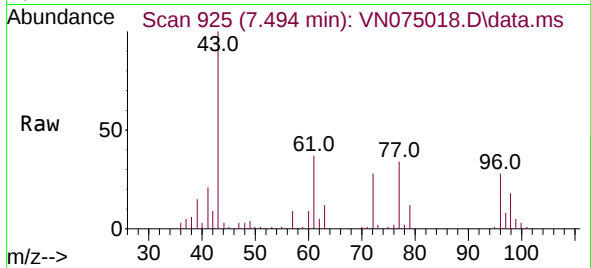
Tgt Ion: 63 Resp: 43644
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.8
 100 4.0 2.4 7.2





#25
2-Butanone
Concen: 106.917 ug/l
RT: 7.494 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

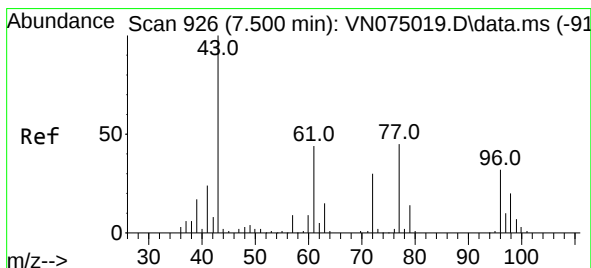
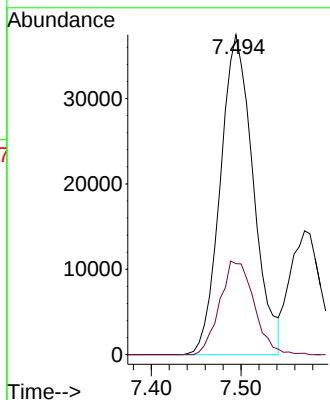
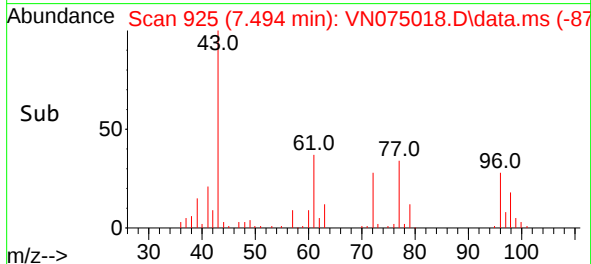
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



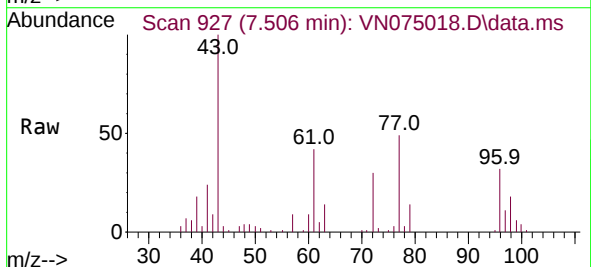
Tgt Ion: 43 Resp: 95475
Ion Ratio Lower Upper
43 100
72 28.4 25.5 38.3

Manual Integrations
APPROVED

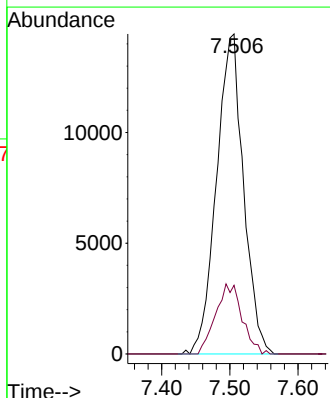
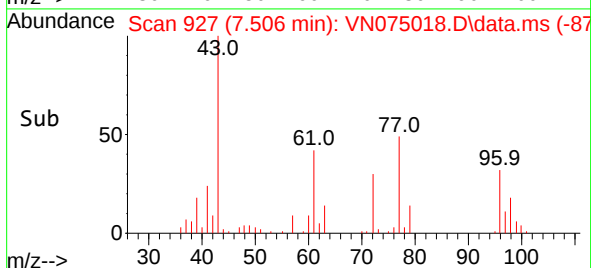
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

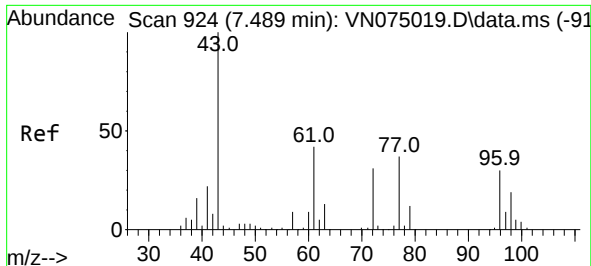


#26
2,2-Dichloropropane
Concen: 20.114 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.006 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49



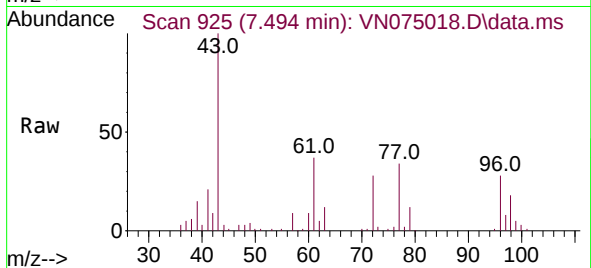
Tgt Ion: 77 Resp: 39789
Ion Ratio Lower Upper
77 100
97 21.5 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.516 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN075018.D
 Acq: 26 Oct 2022 11:49

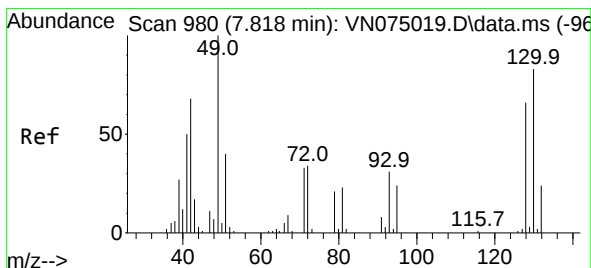
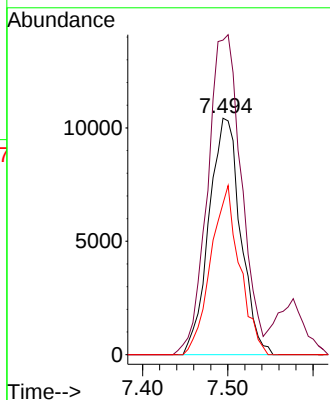
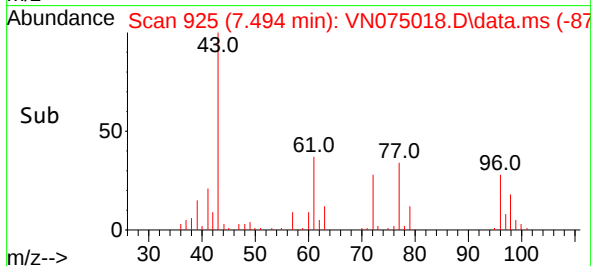
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion: 96 Resp: 26918
 Ion Ratio Lower Upper
 96 100
 61 144.3 0.0 278.8
 98 65.3 0.0 128.4

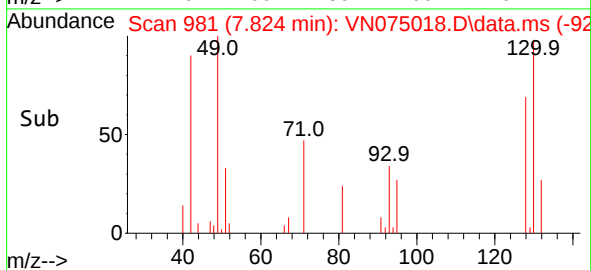
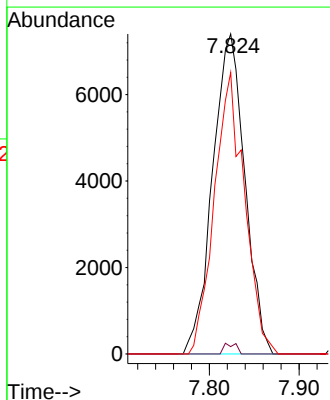
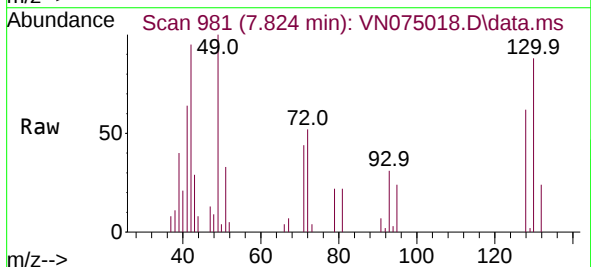
Manual Integrations
 APPROVED

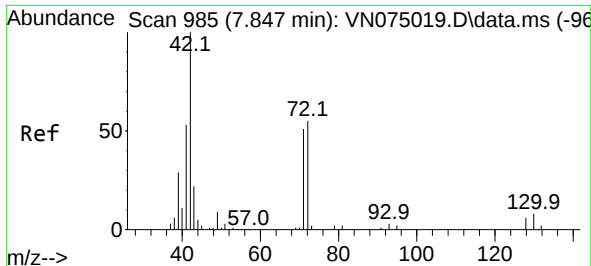
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#28
 Bromochloromethane
 Concen: 20.375 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.006 min
 Lab File: VN075018.D
 Acq: 26 Oct 2022 11:49

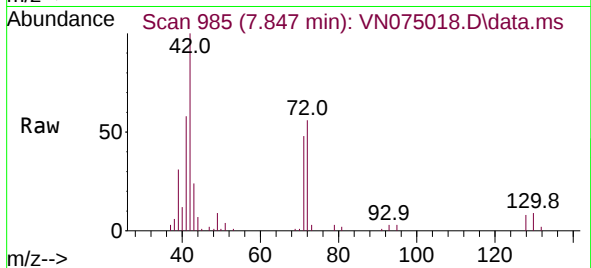
Tgt Ion: 49 Resp: 18469
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.6
 130 82.1 66.2 99.4





#29
Tetrahydrofuran
Concen: 104.693 ug/l
RT: 7.847 min Scan# 985
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

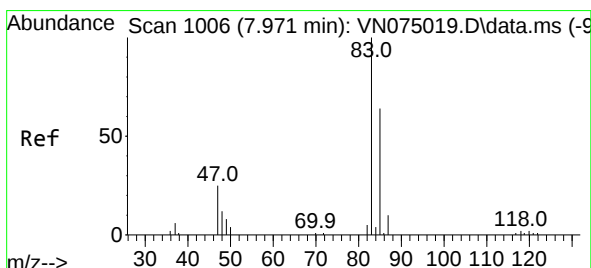
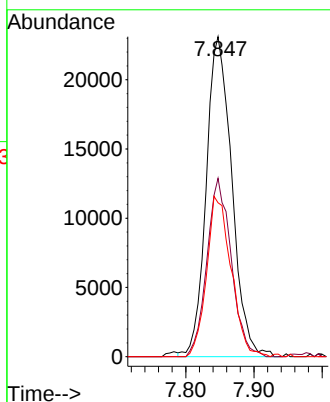
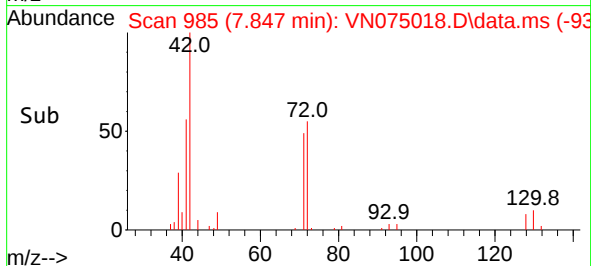
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



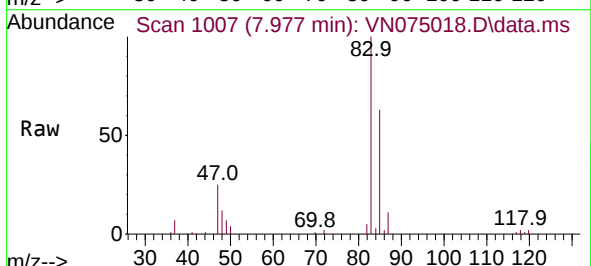
Tgt Ion: 42 Resp: 60412
Ion Ratio Lower Upper
42 100
72 52.8 43.0 64.6
71 48.2 39.9 59.9

Manual Integrations
APPROVED

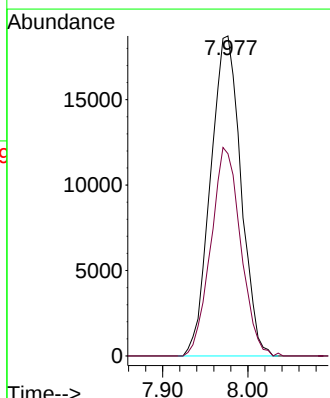
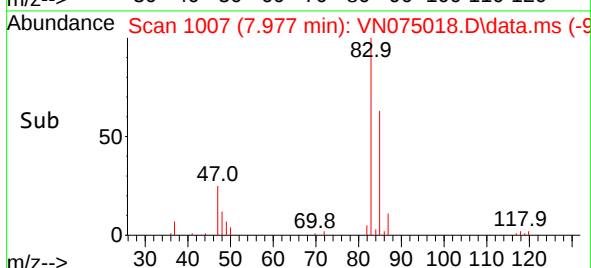
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

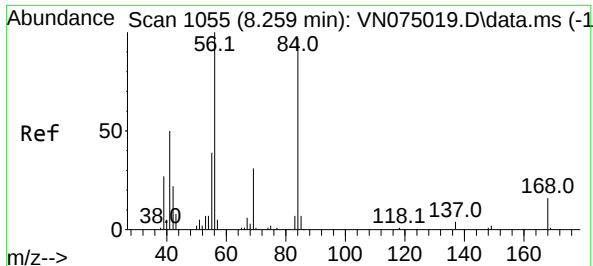


#30
Chloroform
Concen: 19.859 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49



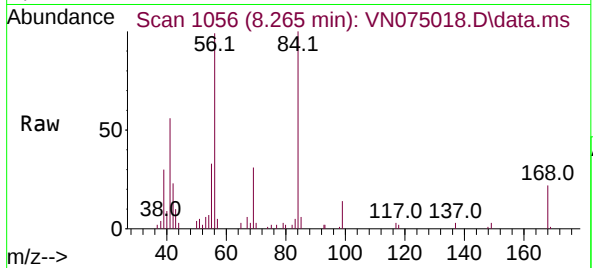
Tgt Ion: 83 Resp: 46364
Ion Ratio Lower Upper
83 100
85 63.2 51.4 77.0





#31
Cyclohexane
Concen: 19.653 ug/l
RT: 8.265 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

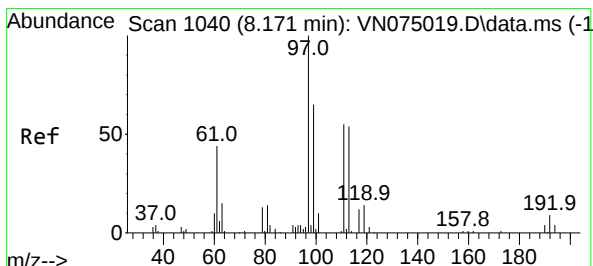
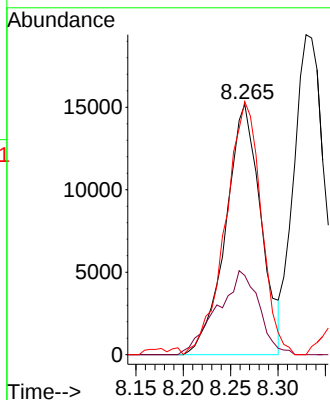
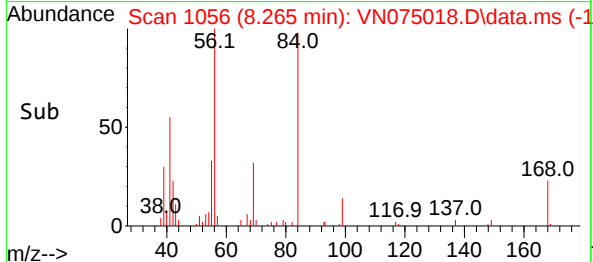
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



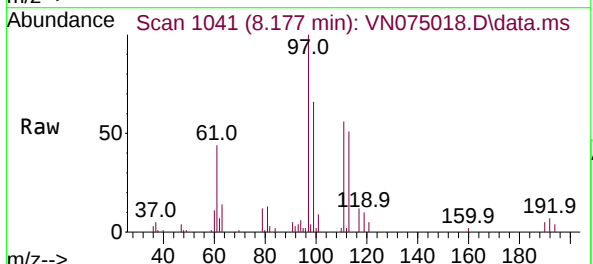
Tgt Ion: 56 Resp: 3919
Ion Ratio Lower Upper
56 100
69 31.6 25.2 37.8
84 98.3 77.8 116.8

Manual Integrations
APPROVED

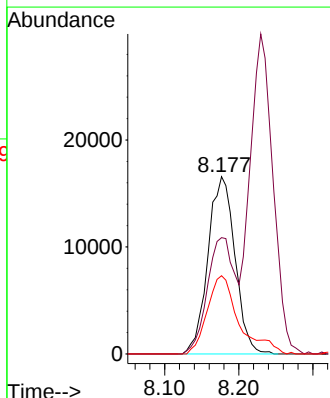
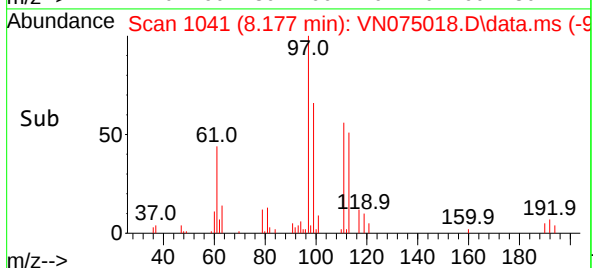
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#32
1,1,1-Trichloroethane
Concen: 19.799 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49



Tgt Ion: 97 Resp: 41976
Ion Ratio Lower Upper
97 100
99 66.9 50.2 75.2
61 51.7 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 20.251 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075018.D

Acq: 26 Oct 2022 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 2715

Ion Ratio Lower Upper

65 100

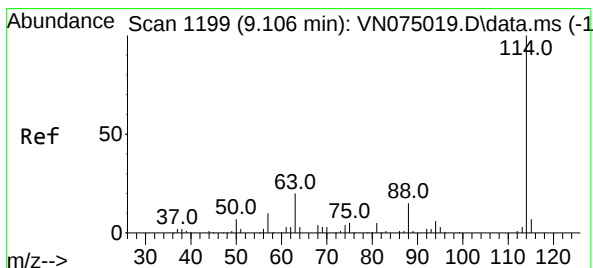
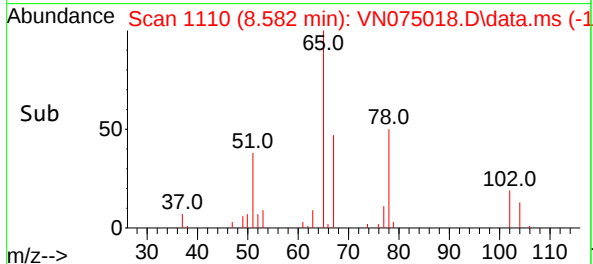
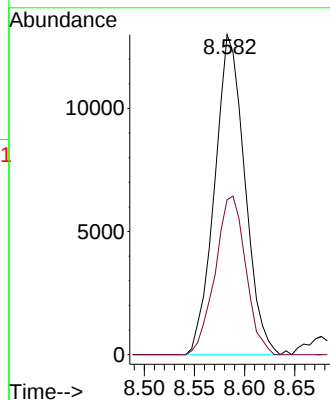
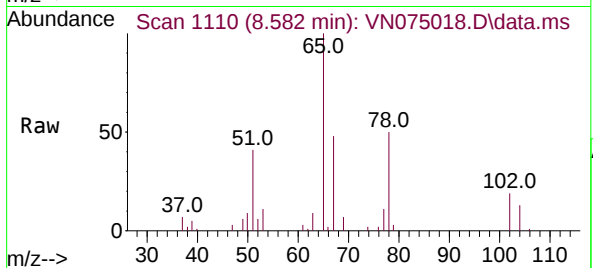
67 50.1 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075018.D

Acq: 26 Oct 2022 11:49

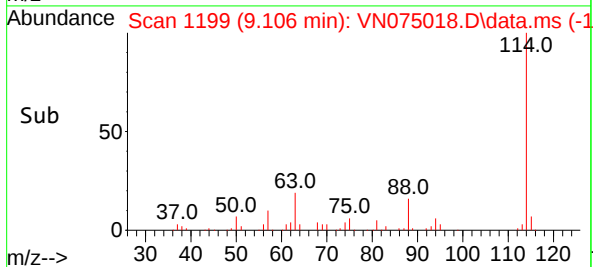
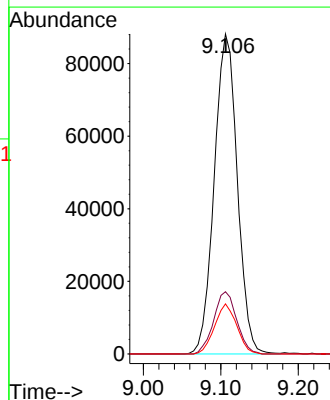
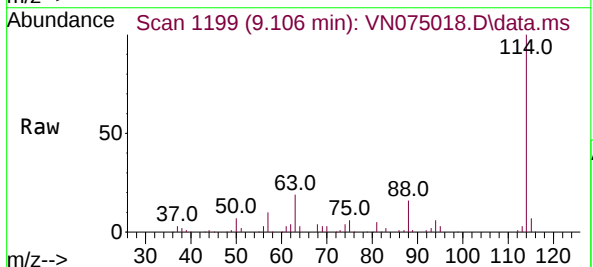
Tgt Ion:114 Resp: 182488

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 15.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 19.178 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075018.D

Acq: 26 Oct 2022 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

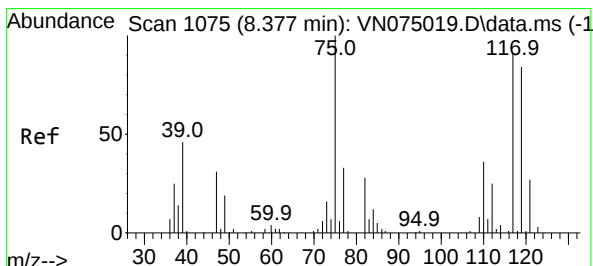
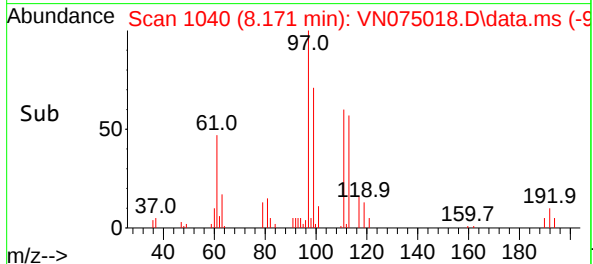
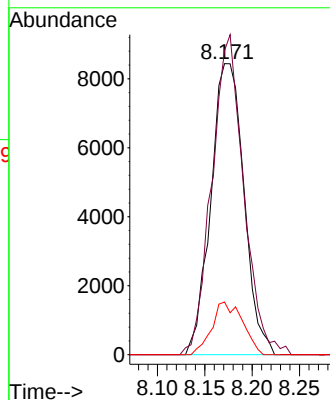
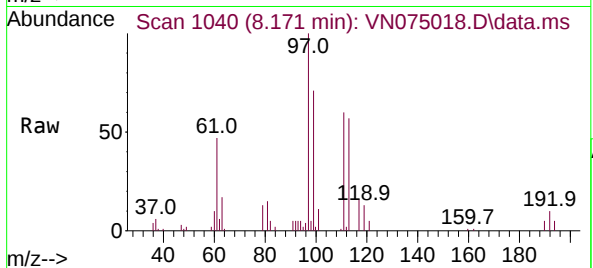
Tgt Ion:	113	Resp:	2054
Ion Ratio	Lower	Upper	
113	100		
111	105.5	80.5	120.7
192	16.8	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#36

1,1-Dichloropropene

Concen: 20.459 ug/l

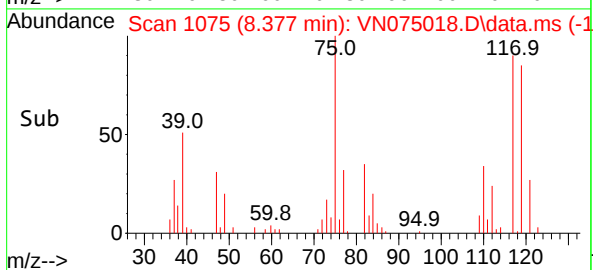
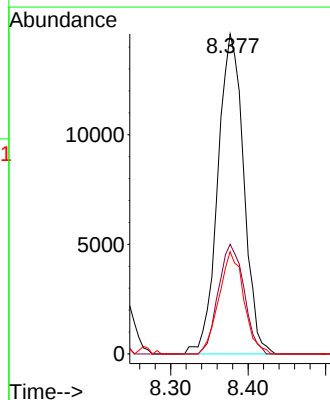
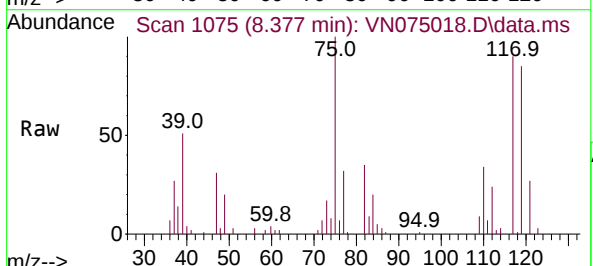
RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN075018.D

Acq: 26 Oct 2022 11:49

Tgt Ion:	75	Resp:	33933
Ion Ratio	Lower	Upper	
75	100		
110	34.0	17.8	53.3
77	30.7	24.6	37.0





#37

Ethyl Acetate

Concen: 20.084 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075018.D

Acq: 26 Oct 2022 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 3653

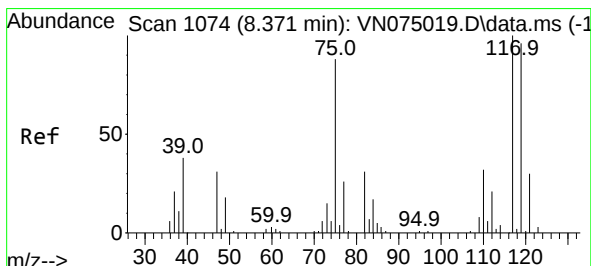
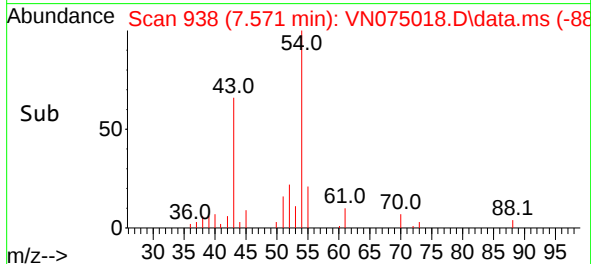
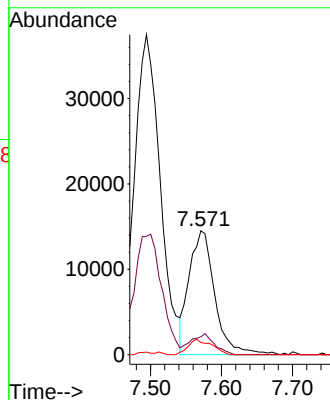
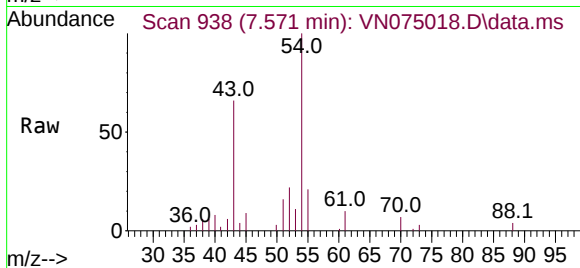
Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.2	18.4
70	11.3	9.4	14.2

Manual Integrations

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Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#38

Carbon Tetrachloride

Concen: 19.719 ug/l

RT: 8.371 min Scan# 1074

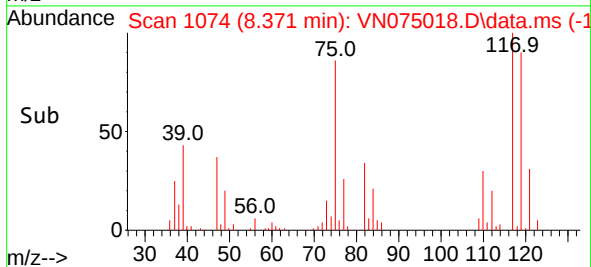
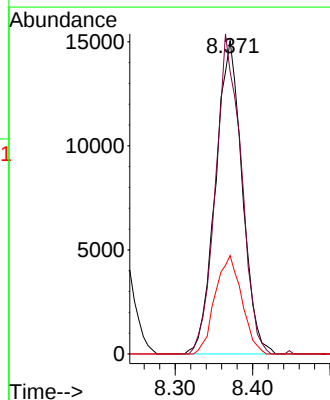
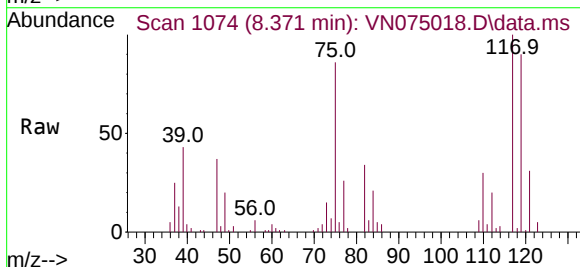
Delta R.T. -0.000 min

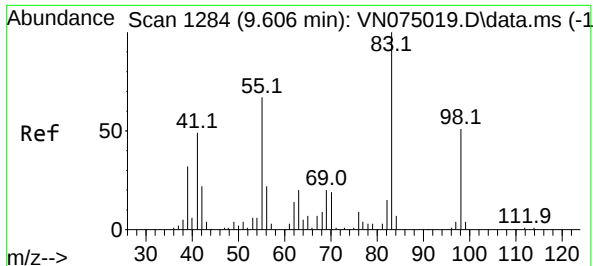
Lab File: VN075018.D

Acq: 26 Oct 2022 11:49

Tgt Ion: 117 Resp: 35975

Ion	Ratio	Lower	Upper
117	100		
119	90.1	76.7	115.1
121	31.5	23.9	35.9





#39

Methylcyclohexane

Concen: 20.237 ug/l

RT: 9.606 min Scan# 1124

Delta R.T. -0.000 min

Lab File: VN075018.D

Acq: 26 Oct 2022 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 4431

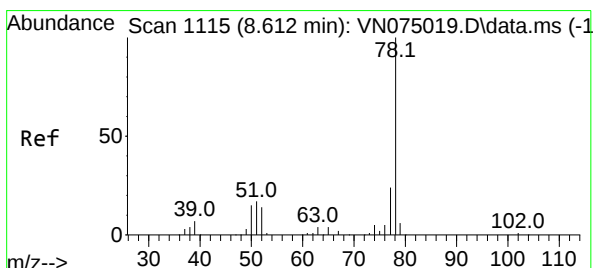
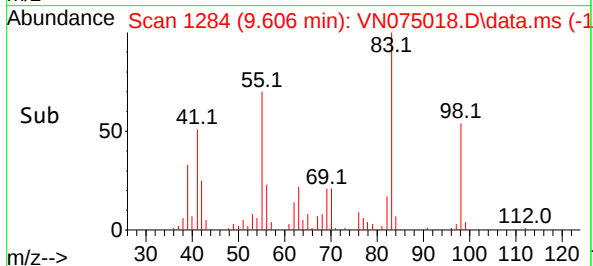
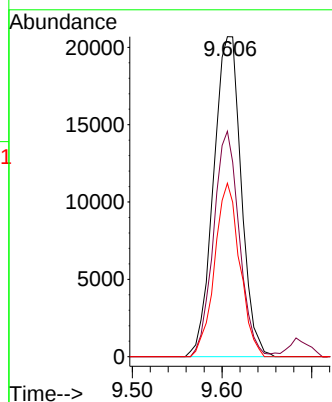
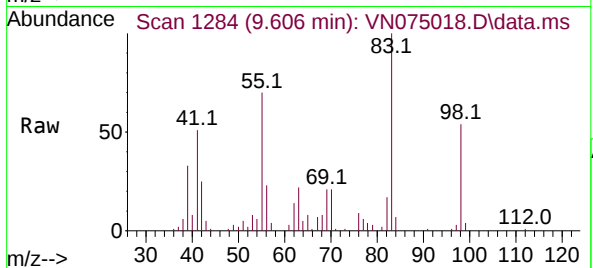
Ion	Ratio	Lower	Upper
83	100		
55	70.5	53.6	80.4
98	54.2	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#40

Benzene

Concen: 20.379 ug/l

RT: 8.612 min Scan# 1115

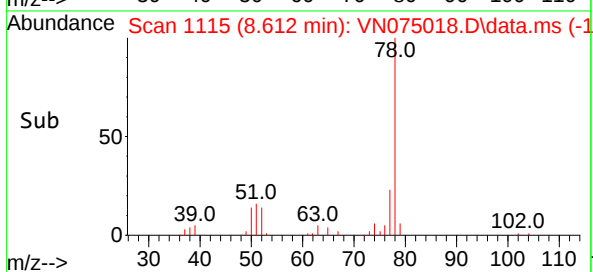
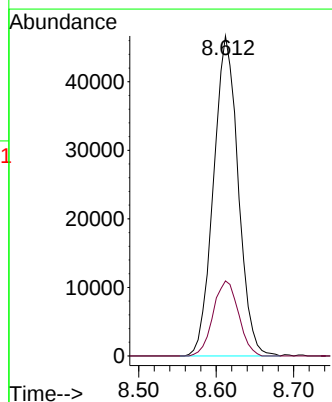
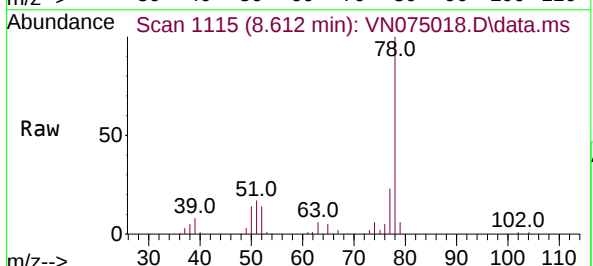
Delta R.T. -0.000 min

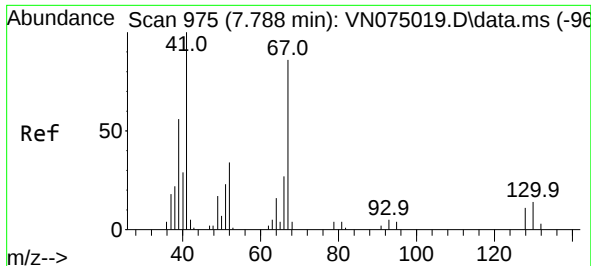
Lab File: VN075018.D

Acq: 26 Oct 2022 11:49

Tgt Ion: 78 Resp: 103488

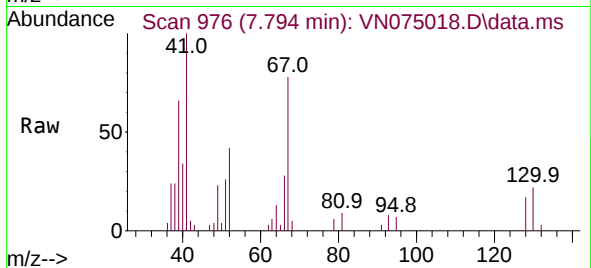
Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.4	29.0





#41
Methacrylonitrile
Concen: 20.120 ug/l
RT: 7.794 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

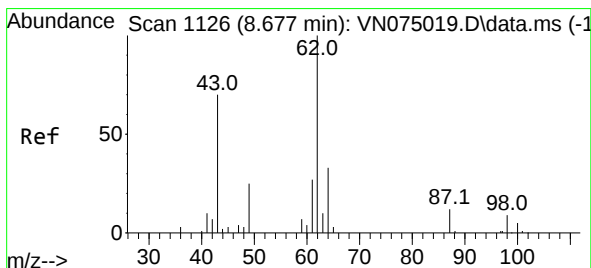
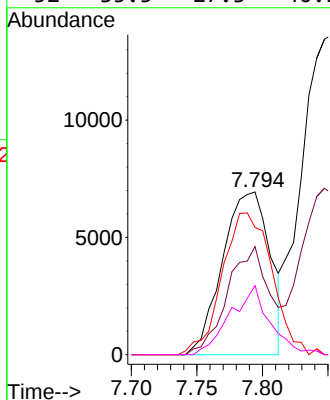
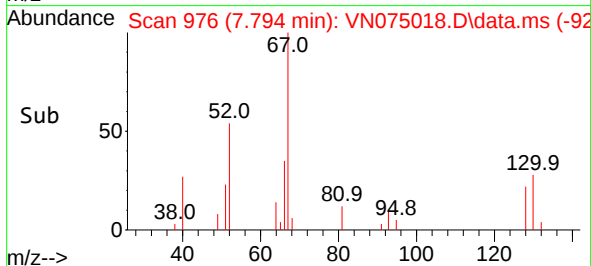
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



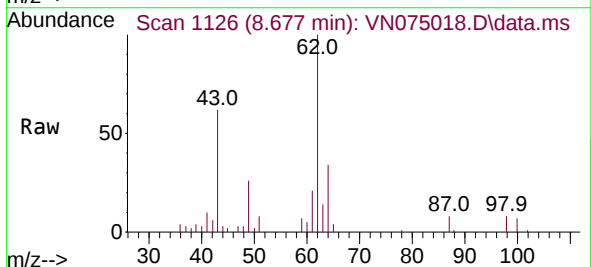
Tgt Ion: 41 Resp: 1753
Ion Ratio Lower Upper
41 100
39 57.8 44.4 66.6
67 91.1 69.8 104.6
52 35.5 27.3 40.9

Manual Integrations
APPROVED

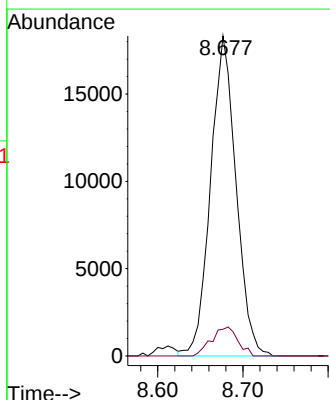
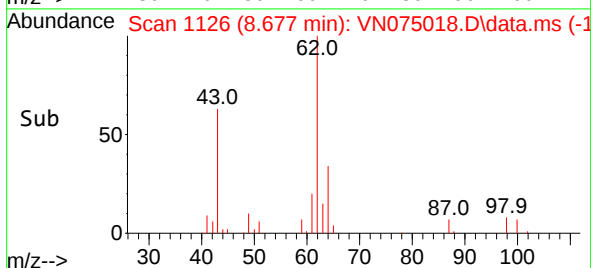
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

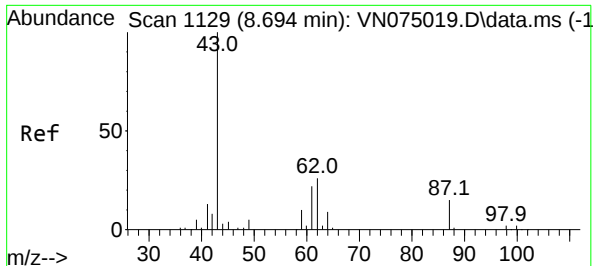


#42
1,2-Dichloroethane
Concen: 20.621 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49



Tgt Ion: 62 Resp: 38098
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.2





#43

Isopropyl Acetate

Concen: 21.172 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN075018.D

Acq: 26 Oct 2022 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

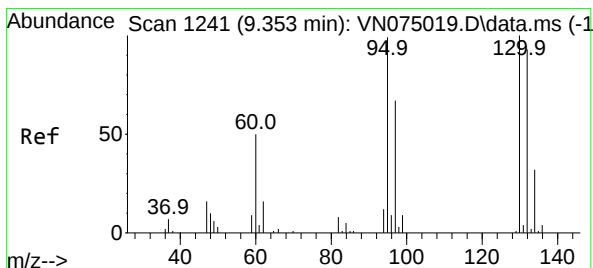
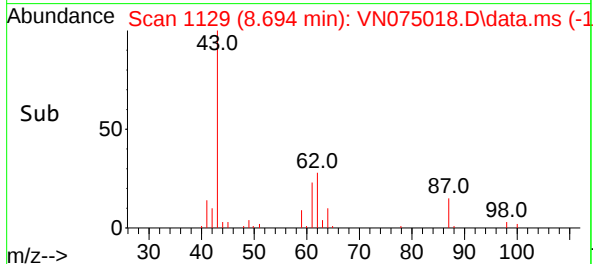
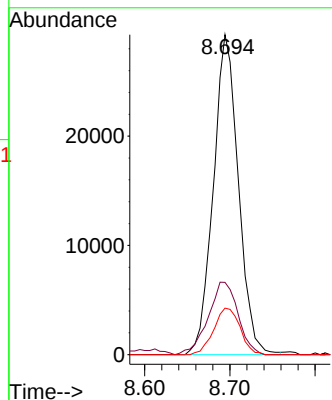
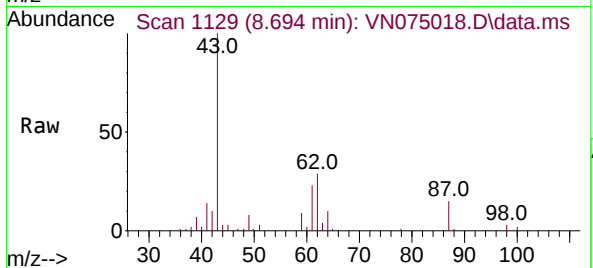
Tgt Ion: 43	Resp: 5973
Ion Ratio	Lower Upper
43 100	
61 27.0	22.4 33.6
87 15.3	12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#44

Trichloroethene

Concen: 20.228 ug/l

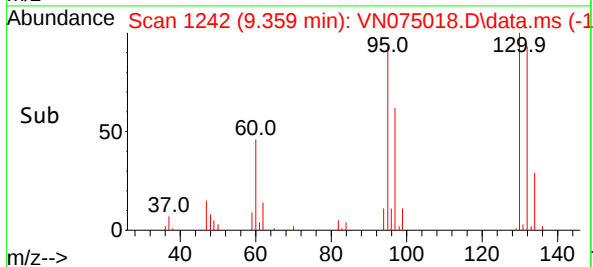
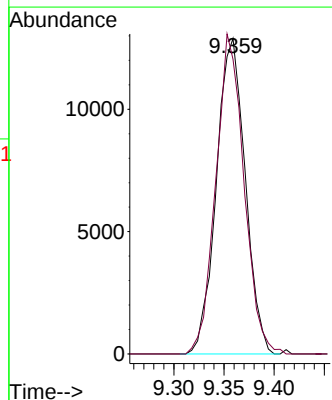
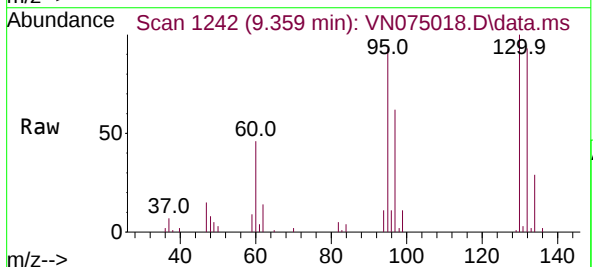
RT: 9.359 min Scan# 1242

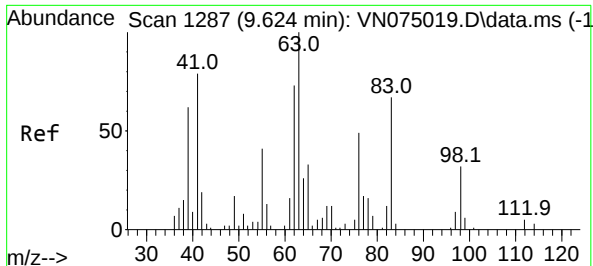
Delta R.T. 0.006 min

Lab File: VN075018.D

Acq: 26 Oct 2022 11:49

Tgt Ion:130	Resp: 25772
Ion Ratio	Lower Upper
130 100	
95 93.4	0.0 198.4





#45

1,2-Dichloropropane

Concen: 20.344 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075018.D

Acq: 26 Oct 2022 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 2458

Ion Ratio Lower Upper

63 100

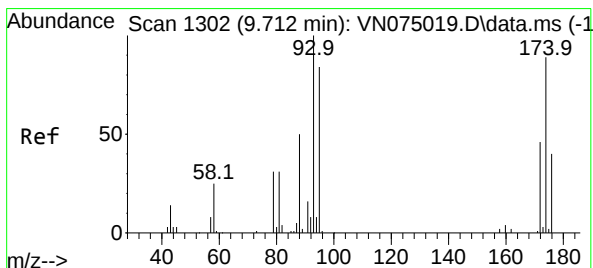
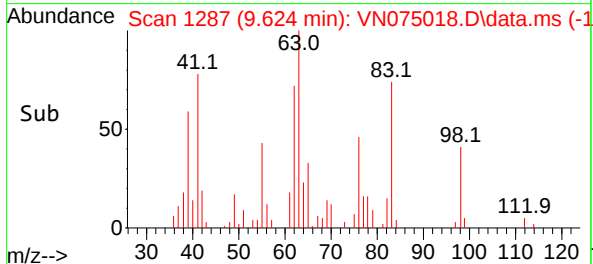
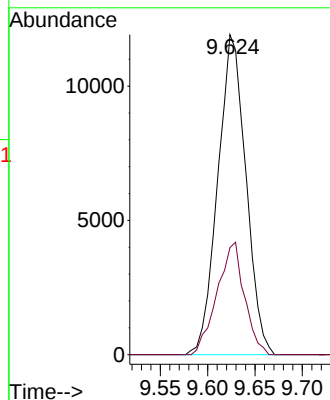
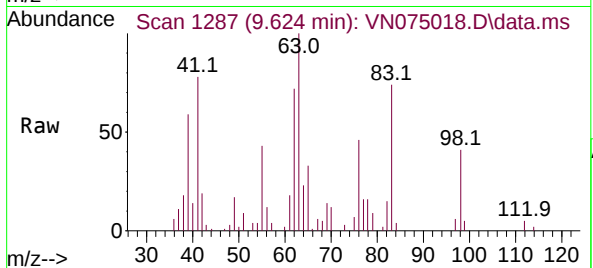
65 33.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#46

Dibromomethane

Concen: 20.496 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075018.D

Acq: 26 Oct 2022 11:49

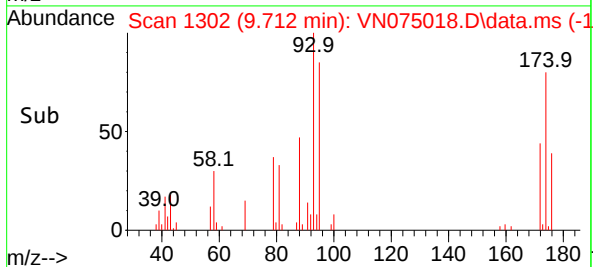
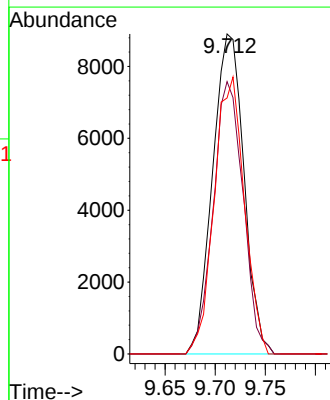
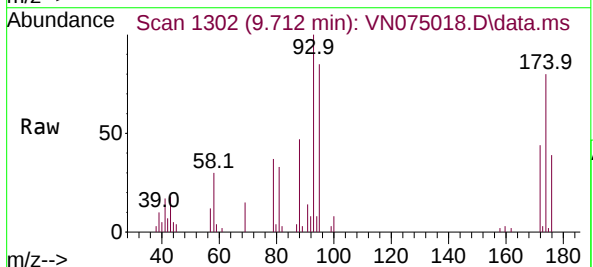
Tgt Ion: 93 Resp: 19298

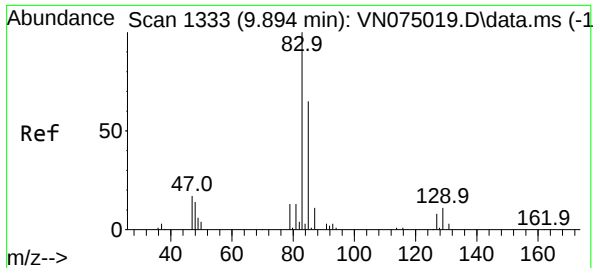
Ion Ratio Lower Upper

93 100

95 81.5 66.6 99.8

174 83.5 70.3 105.5





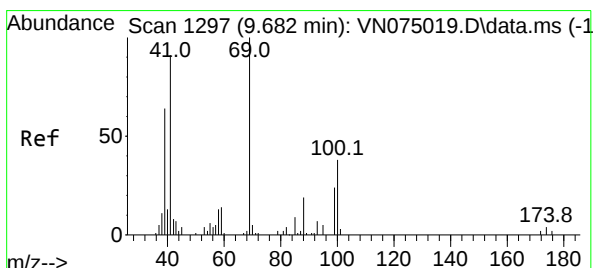
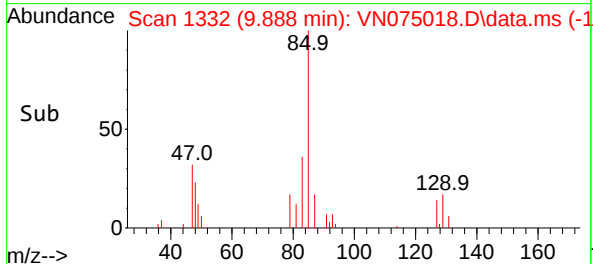
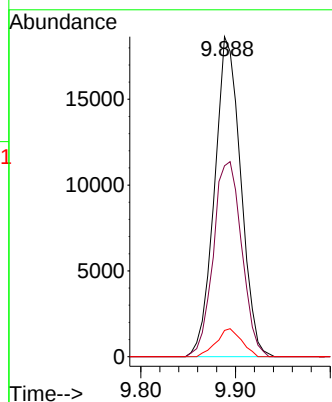
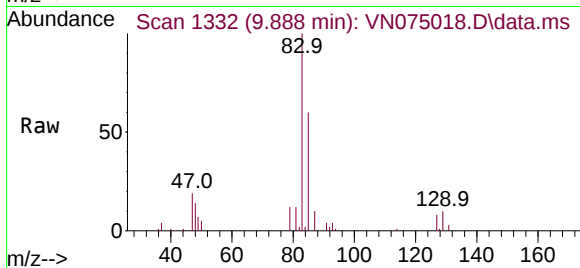
#47
Bromodichloromethane
Concen: 19.674 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 3587
Ion Ratio Lower Upper
83 100
85 59.7 52.1 78.1
127 8.2 6.6 10.0

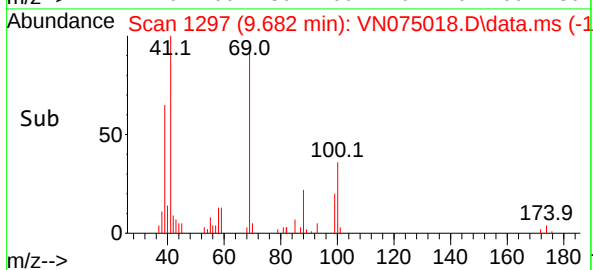
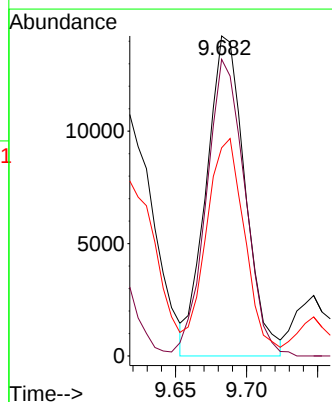
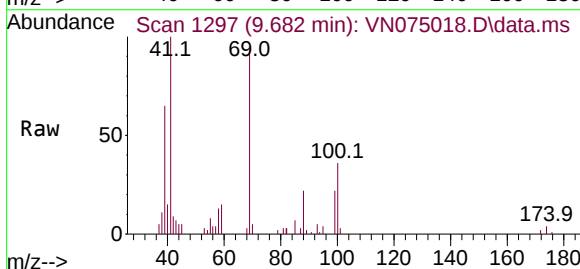
Manual Integrations
APPROVED

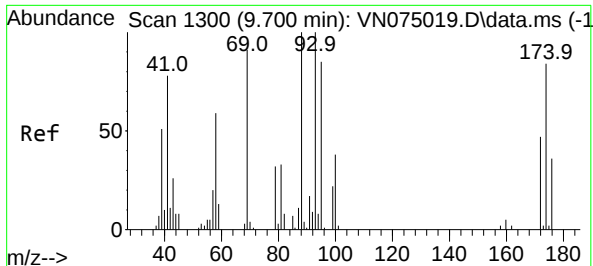
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#48
Methyl methacrylate
Concen: 20.909 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Tgt Ion: 41 Resp: 27060
Ion Ratio Lower Upper
41 100
69 92.0 80.2 120.2
39 68.2 56.2 84.2





#49

1,4-Dioxane

Concen: 435.230 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075018.D

Acq: 26 Oct 2022 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 14750

Ion Ratio Lower Upper

88 100

43 0.0 17.5 26.3

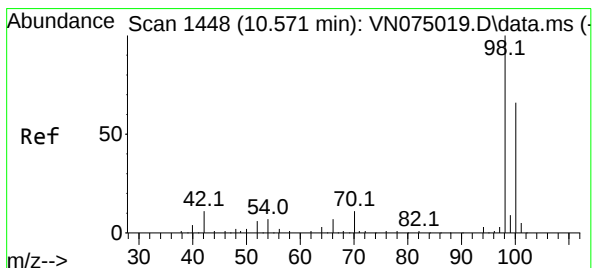
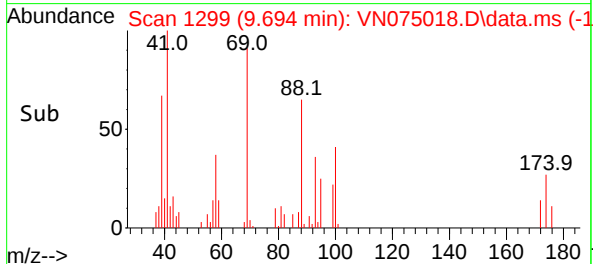
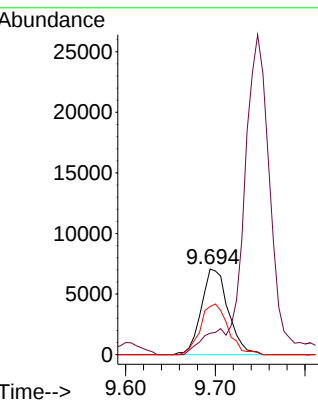
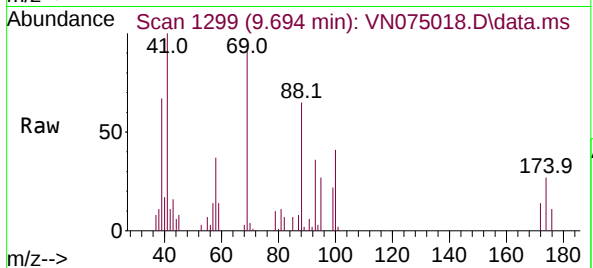
58 60.9 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#50

Toluene-d8

Concen: 19.204 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075018.D

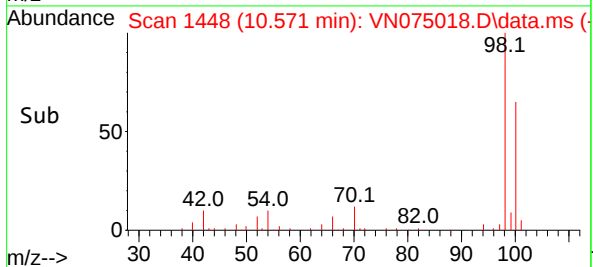
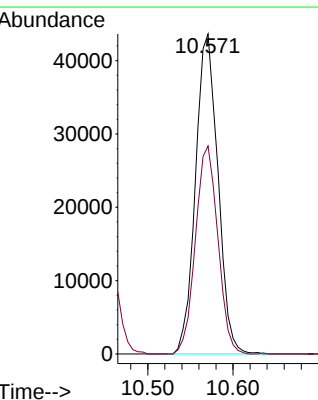
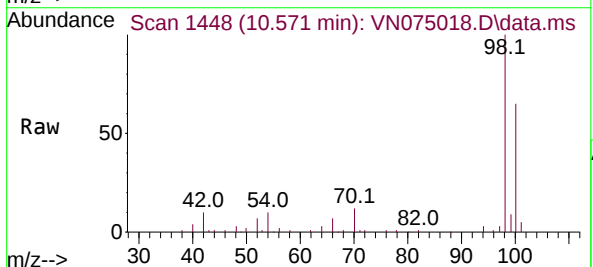
Acq: 26 Oct 2022 11:49

Tgt Ion: 98 Resp: 79818

Ion Ratio Lower Upper

98 100

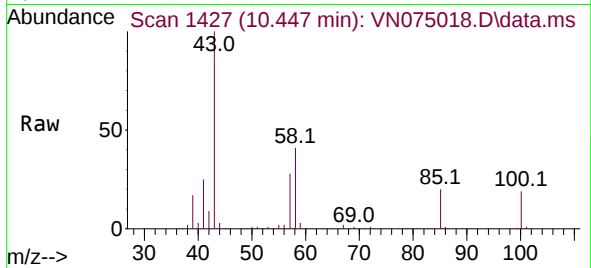
100 64.8 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 104.877 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

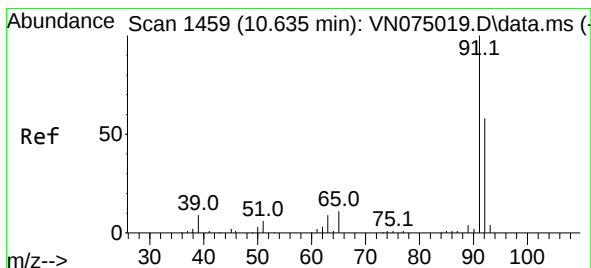
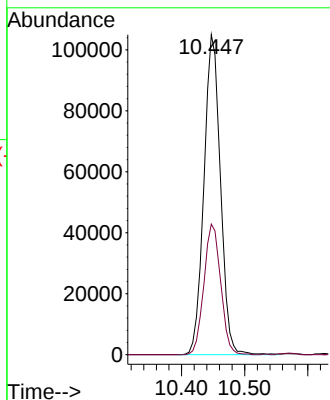
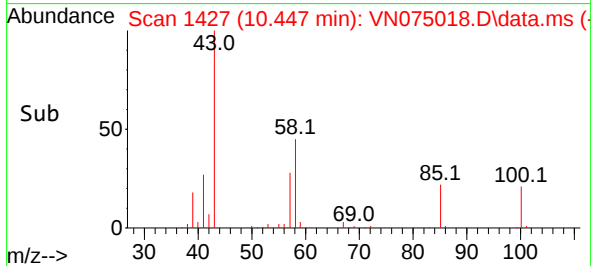
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 19094
Ion Ratio Lower Upper
43 100
58 41.4 33.6 50.4

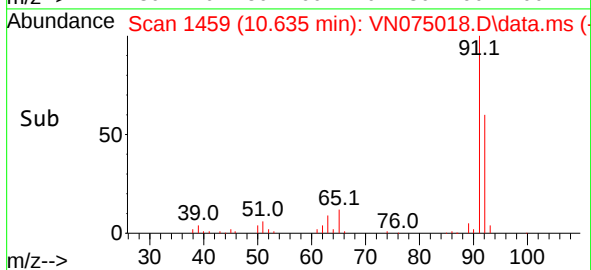
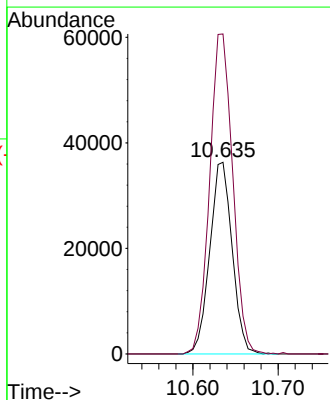
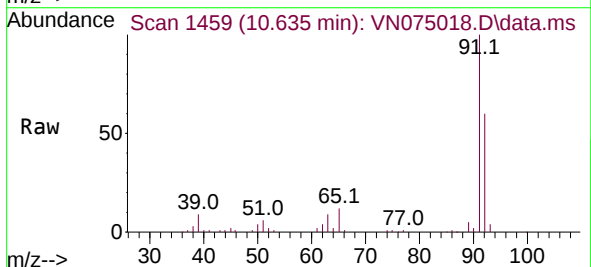
Manual Integrations
APPROVED

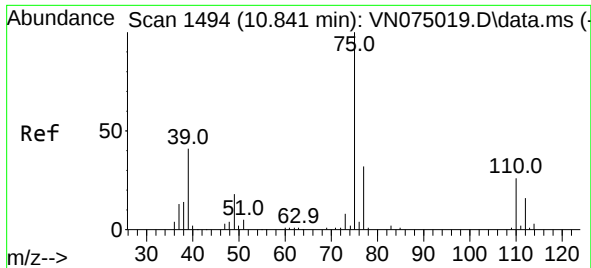
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#52
Toluene
Concen: 19.545 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

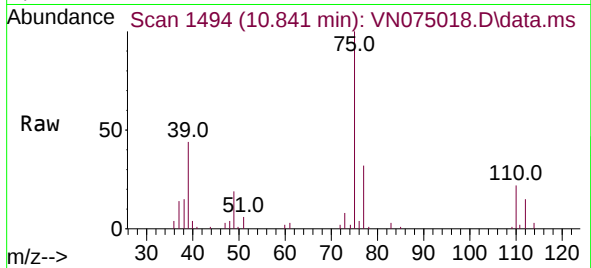
Tgt Ion: 92 Resp: 66349
Ion Ratio Lower Upper
92 100
91 172.0 135.4 203.2





#53
 t-1,3-Dichloropropene
 Concen: 19.922 ug/l
 RT: 10.841 min Scan# 1494
 Delta R.T. -0.000 min
 Lab File: VN075018.D
 Acq: 26 Oct 2022 11:49

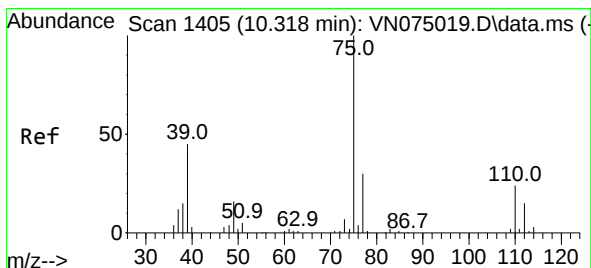
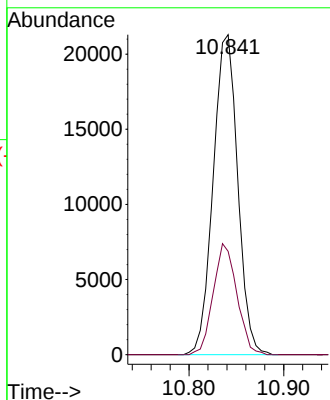
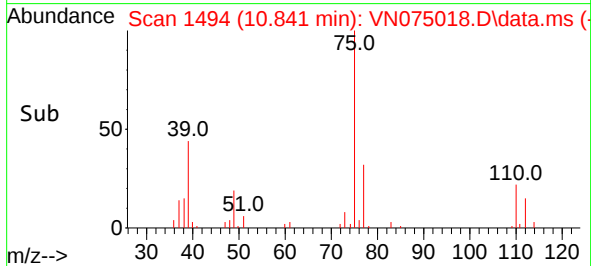
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion: 75 Resp: 3834
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.2

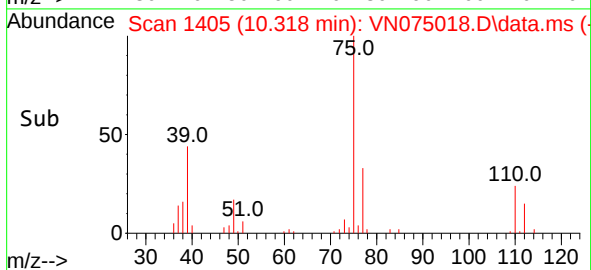
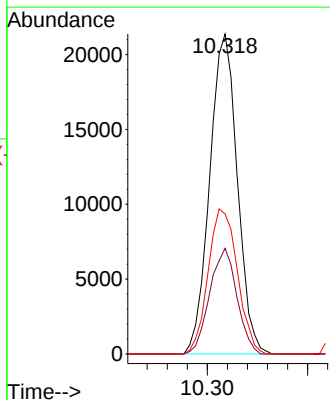
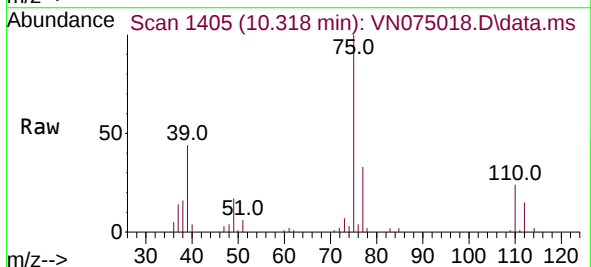
Manual Integrations
 APPROVED

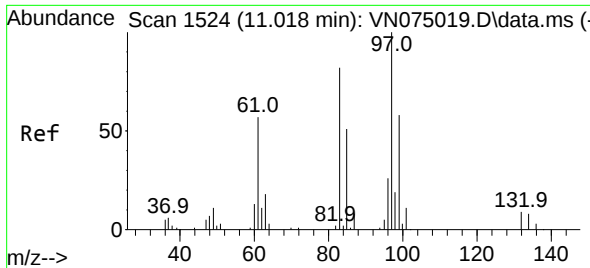
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#54
 cis-1,3-Dichloropropene
 Concen: 20.020 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. -0.000 min
 Lab File: VN075018.D
 Acq: 26 Oct 2022 11:49

Tgt Ion: 75 Resp: 40866
 Ion Ratio Lower Upper
 75 100
 77 33.0 23.7 35.5
 39 43.7 35.8 53.6





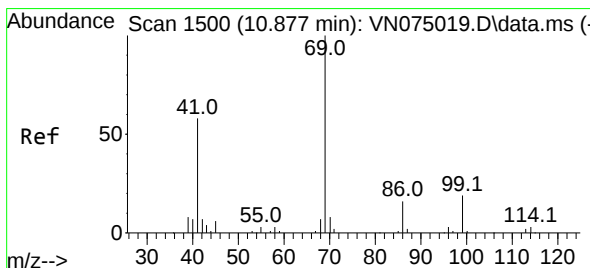
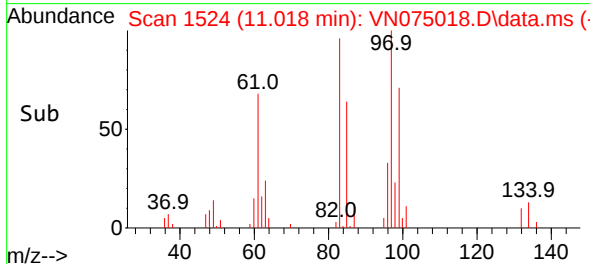
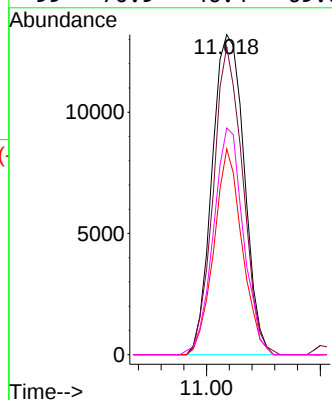
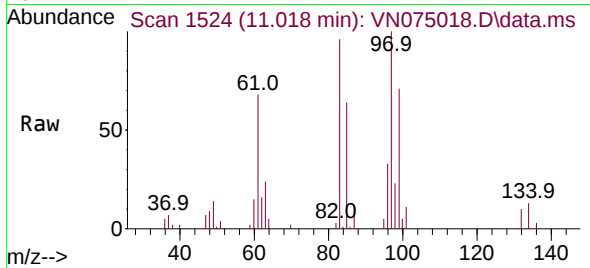
#55
1,1,2-Trichloroethane
Concen: 19.230 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 97	Resp: 2588
Ion Ratio	Lower Upper
97 100	
83 96.2	65.9 98.9
85 64.3	40.4 60.6
99 70.9	46.4 69.6

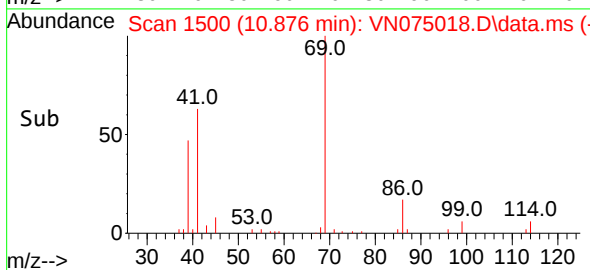
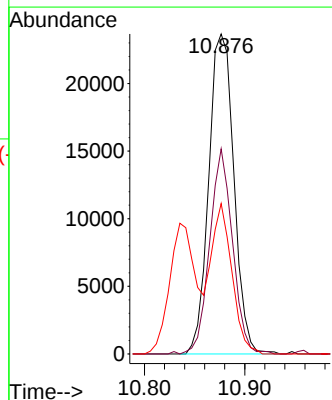
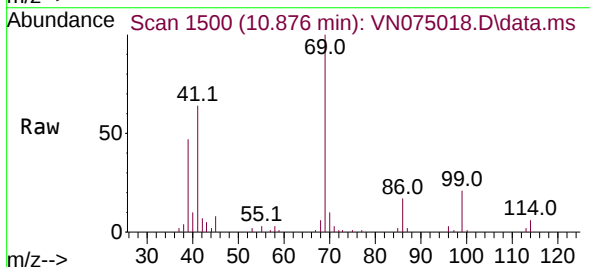
Manual Integrations
APPROVED

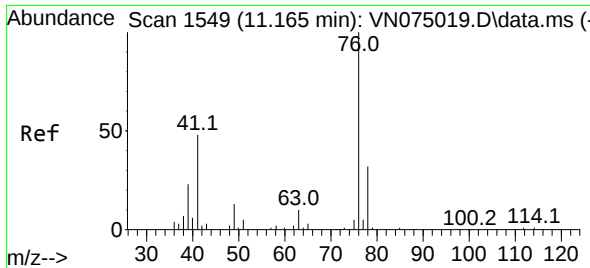
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#56
Ethyl methacrylate
Concen: 20.053 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

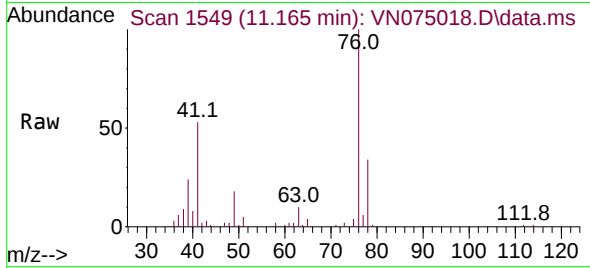
Tgt Ion: 69	Resp: 41173
Ion Ratio	Lower Upper
69 100	
41 58.4	45.6 68.4
39 38.8	28.5 42.7





#57
1,3-Dichloropropane
Concen: 19.959 ug/l
RT: 11.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

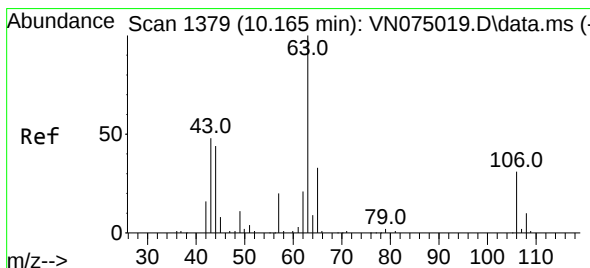
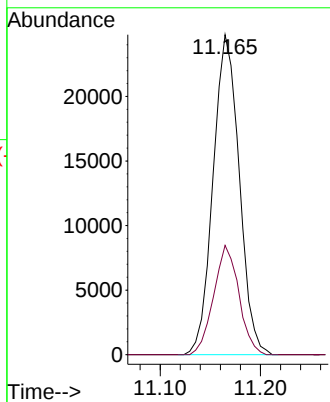
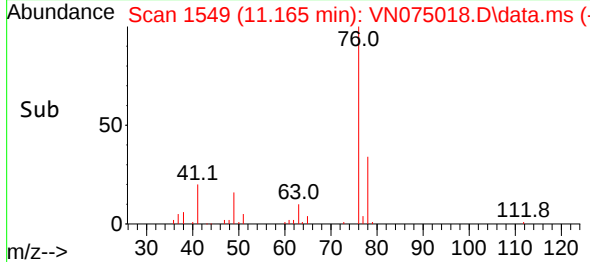
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



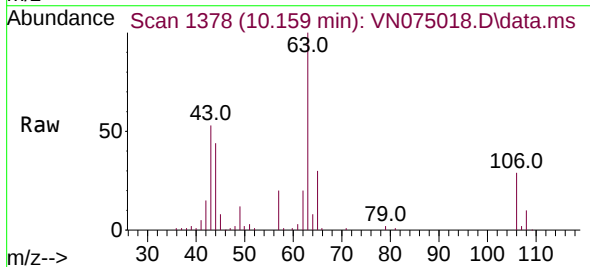
Tgt Ion: 76 Resp: 44739
Ion Ratio Lower Upper
76 100
78 33.0 25.8 38.6

Manual Integrations
APPROVED

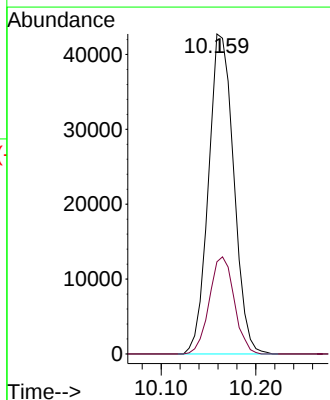
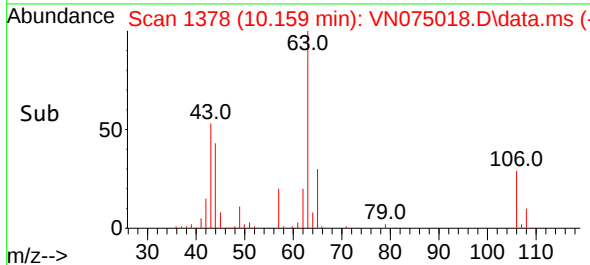
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

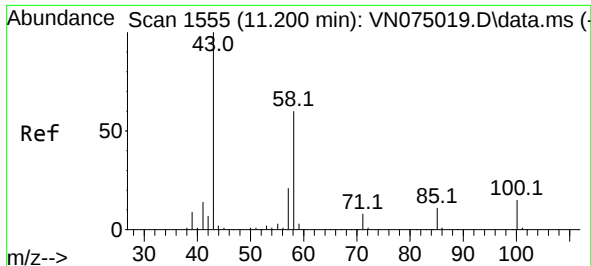


#58
2-Chloroethyl Vinyl ether
Concen: 99.640 ug/l
RT: 10.159 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49



Tgt Ion: 63 Resp: 79089
Ion Ratio Lower Upper
63 100
106 29.8 24.8 37.2





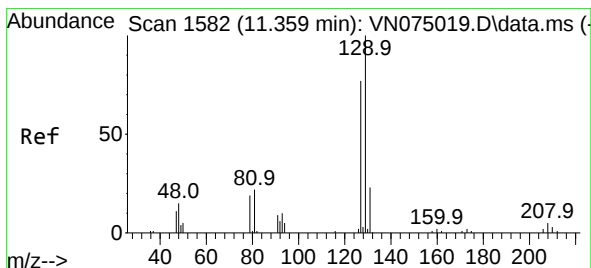
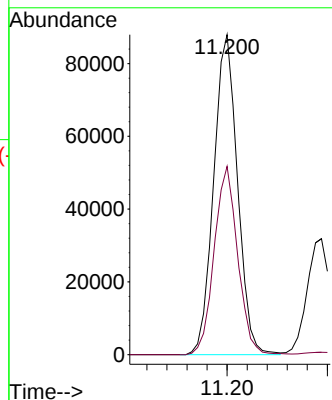
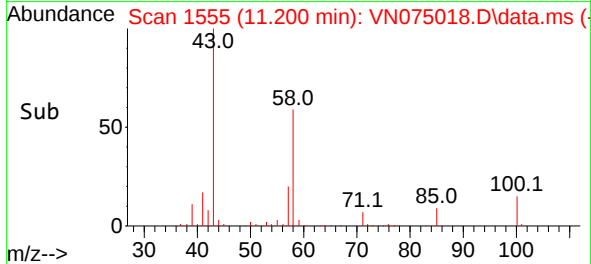
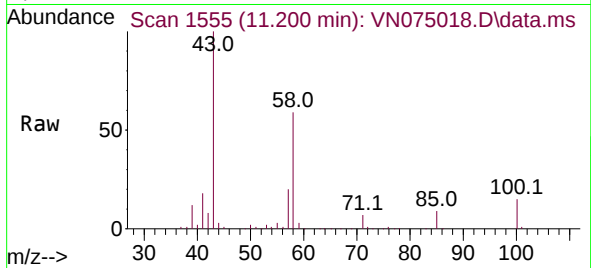
#59
2-Hexanone
Concen: 104.967 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 145044
Ion Ratio Lower Upper
43 100
58 58.0 29.6 88.8

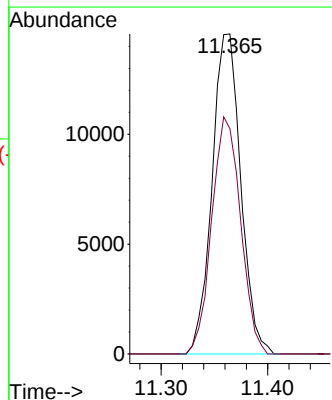
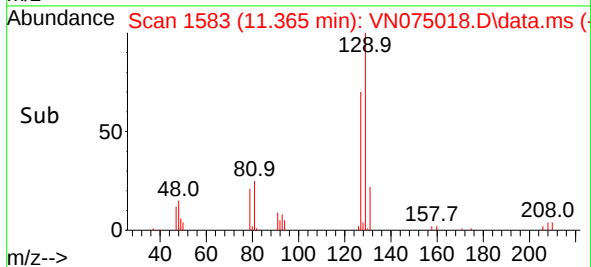
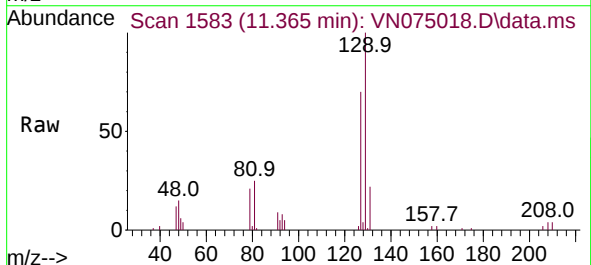
Manual Integrations
APPROVED

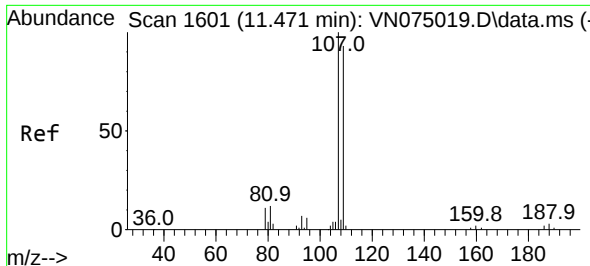
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#60
Dibromochloromethane
Concen: 19.201 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Tgt Ion:129 Resp: 27267
Ion Ratio Lower Upper
129 100
127 74.4 38.6 115.8





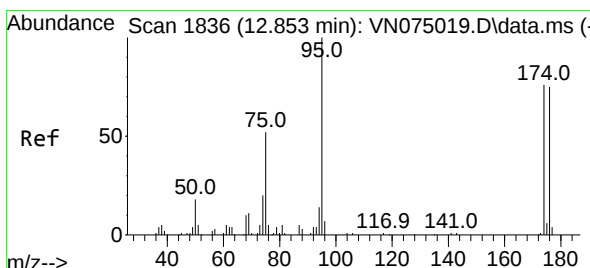
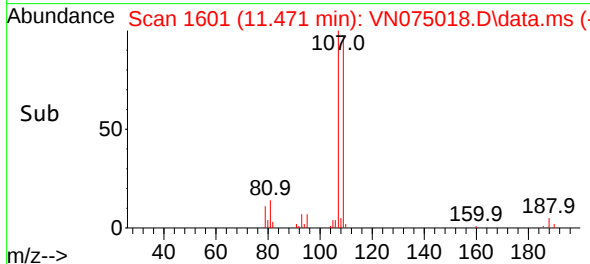
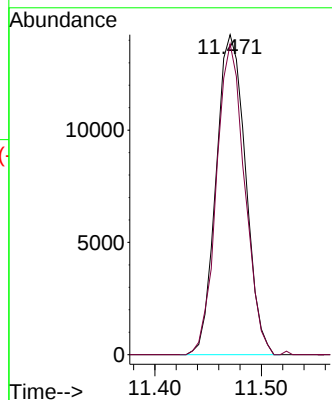
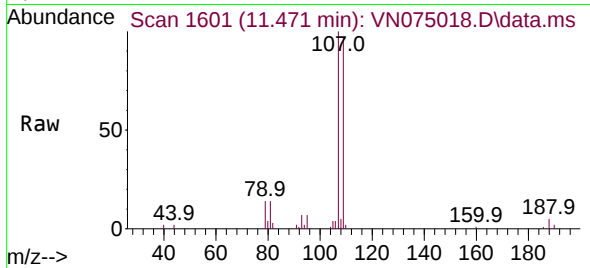
#61
1,2-Dibromoethane
Concen: 19.794 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 27304
Ion Ratio Lower Upper
107 100
109 93.4 75.6 113.4

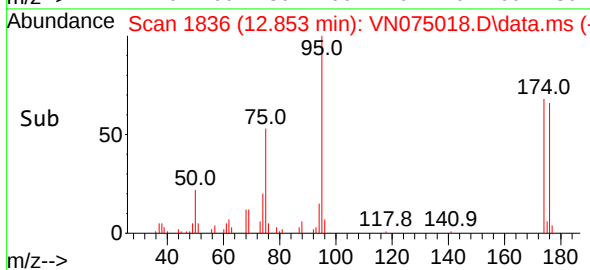
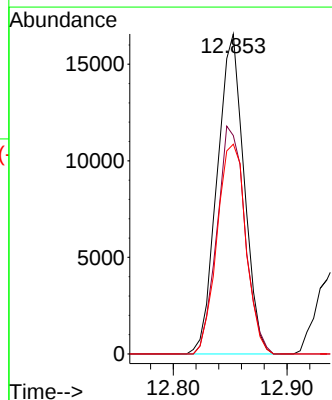
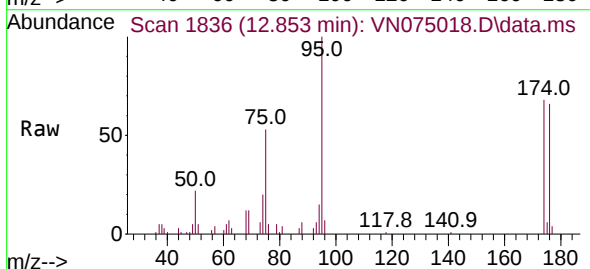
Manual Integrations
APPROVED

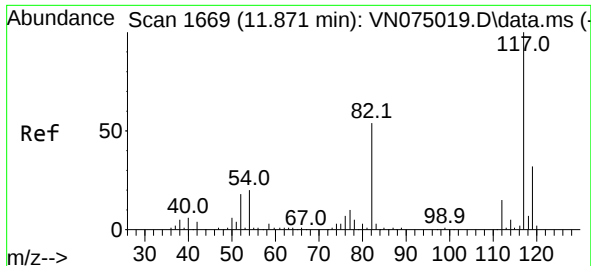
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#62
4-Bromofluorobenzene
Concen: 18.667 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Tgt Ion: 95 Resp: 27255
Ion Ratio Lower Upper
95 100
174 74.0 0.0 147.4
176 70.4 0.0 142.2





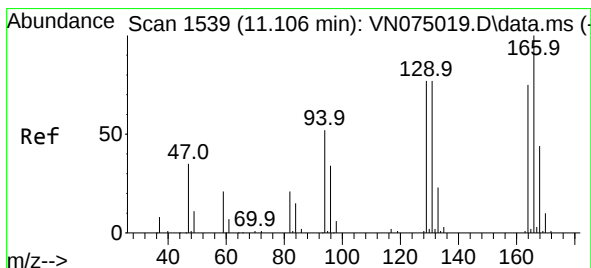
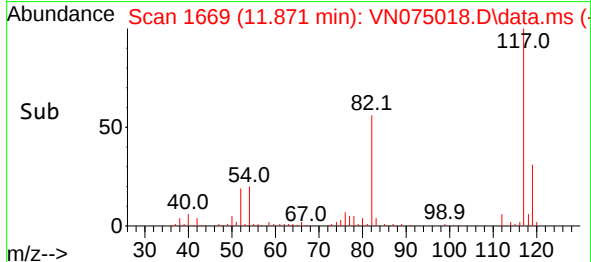
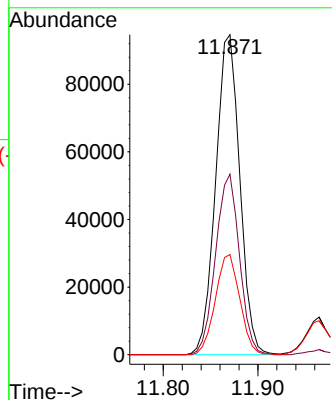
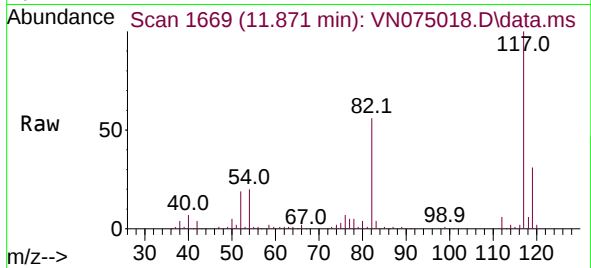
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:117 Resp: 168090
Ion Ratio Lower Upper
117 100
82 56.4 43.1 64.7
119 31.3 25.5 38.3

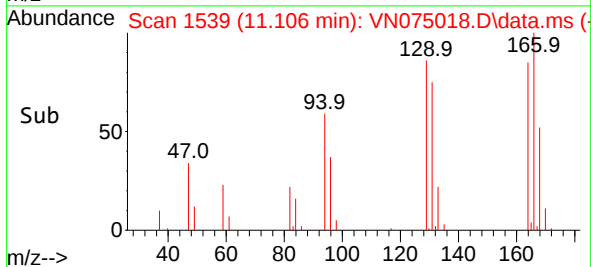
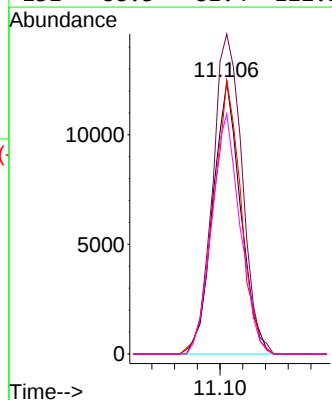
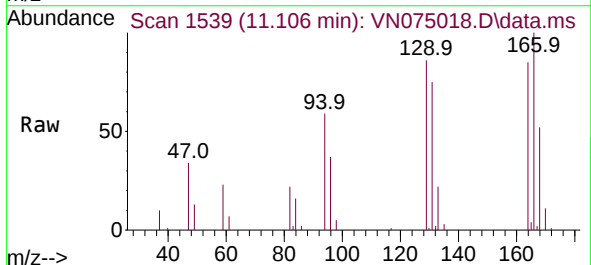
Manual Integrations
APPROVED

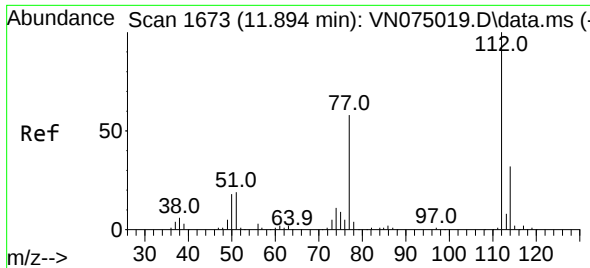
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#64
Tetrachloroethene
Concen: 20.417 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Tgt Ion:164 Resp: 21041
Ion Ratio Lower Upper
164 100
166 117.7 106.5 159.7
129 100.8 81.9 122.9
131 88.3 81.4 122.2





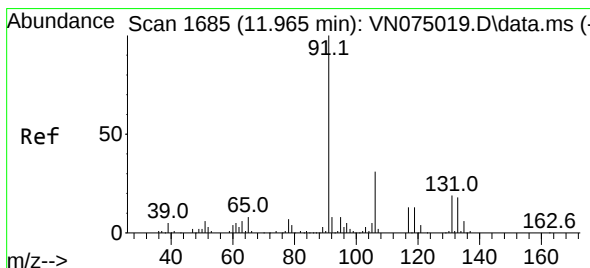
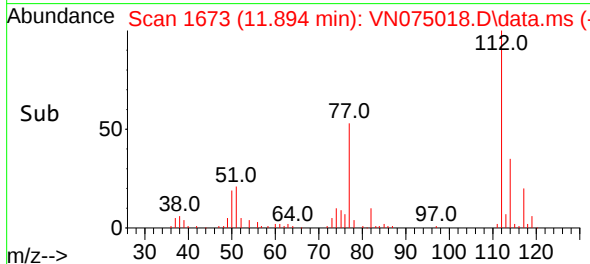
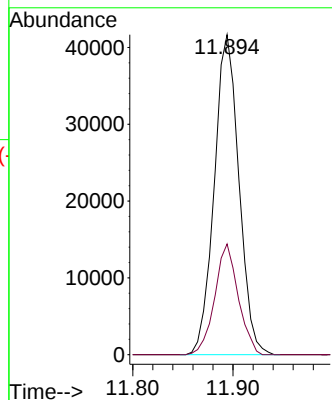
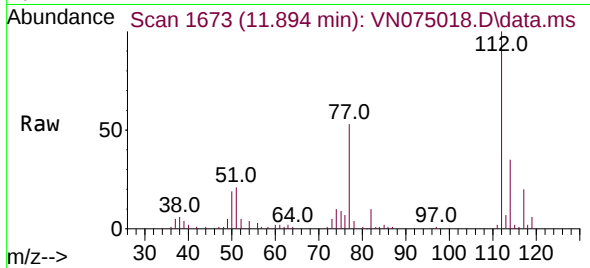
#65
Chlorobenzene
Concen: 19.812 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 7108
Ion Ratio Lower Upper
112 100
114 34.6 25.4 38.2

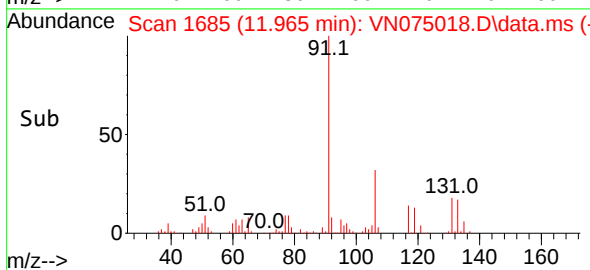
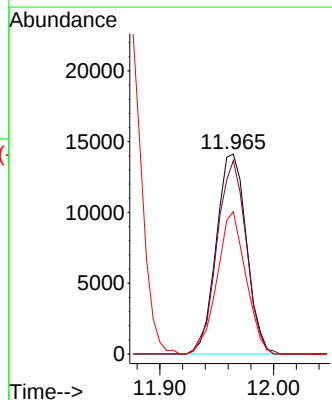
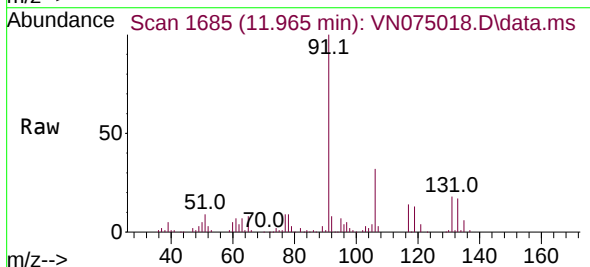
Manual Integrations
APPROVED

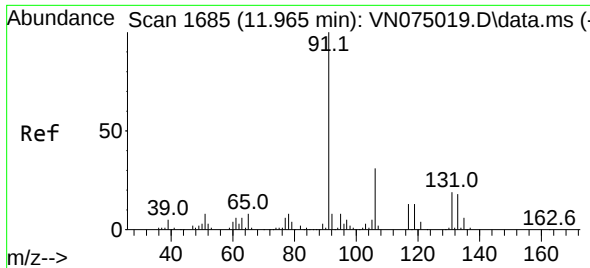
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.522 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Tgt Ion:131 Resp: 25984
Ion Ratio Lower Upper
131 100
133 94.2 47.8 143.4
119 68.1 33.0 99.0





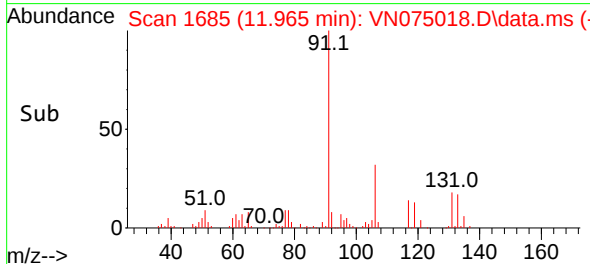
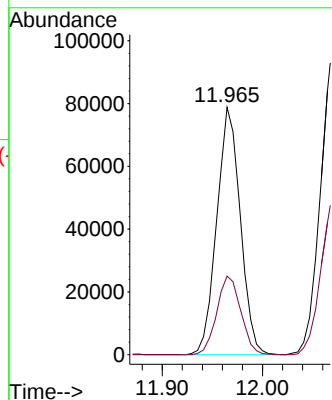
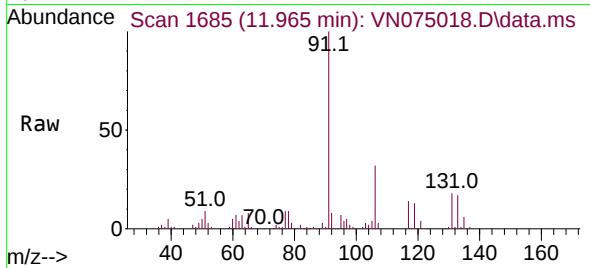
#67
Ethyl Benzene
Concen: 19.890 ug/l
RT: 11.965 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 12840
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

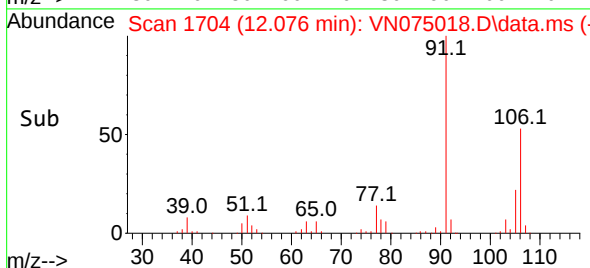
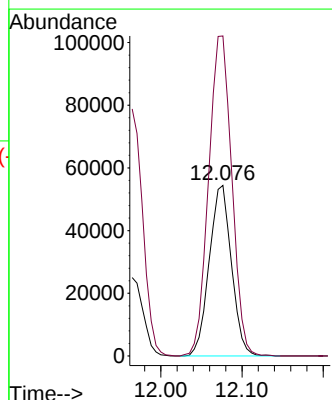
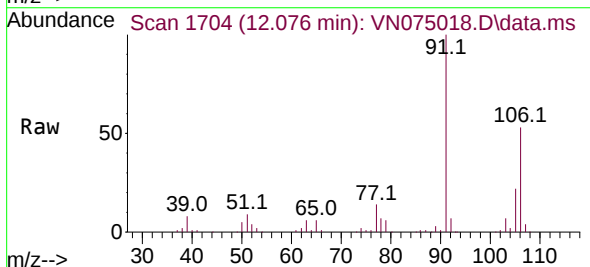
Manual Integrations
APPROVED

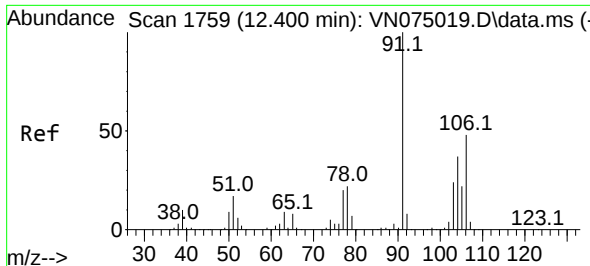
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#68
m/p-Xylenes
Concen: 39.889 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Tgt Ion:106 Resp: 103322
Ion Ratio Lower Upper
106 100
91 196.2 156.0 234.0





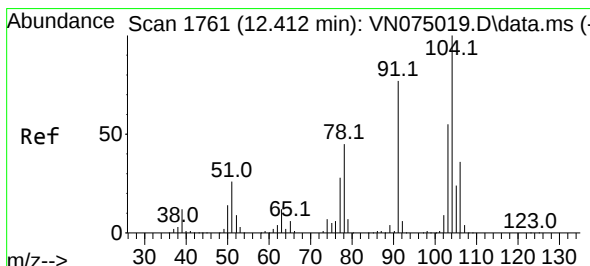
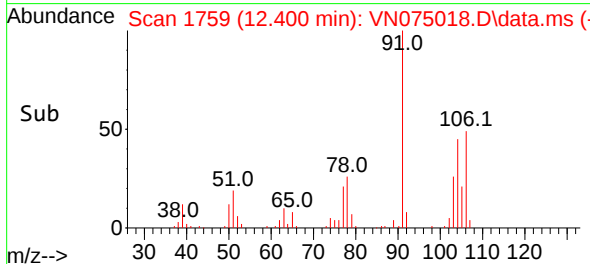
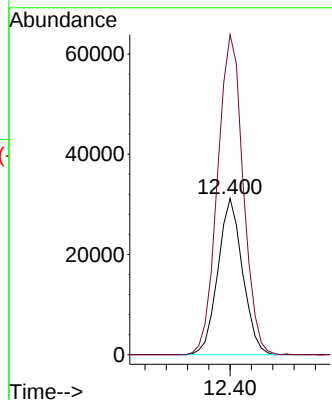
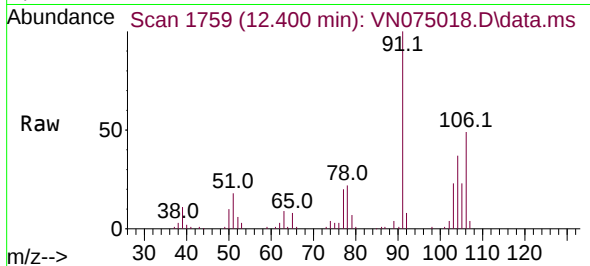
#69
o-Xylene
Concen: 19.552 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 5008
Ion Ratio Lower Upper
106 100
91 212.9 105.2 315.5

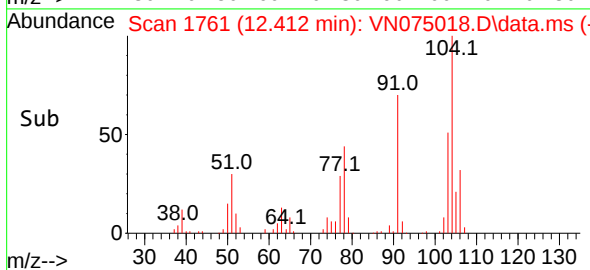
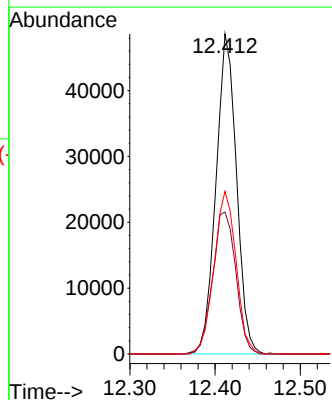
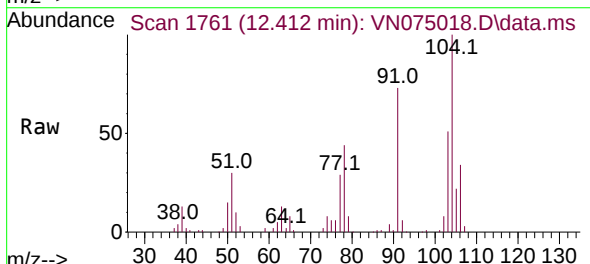
Manual Integrations
APPROVED

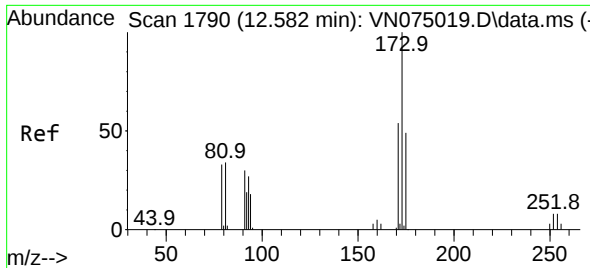
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#70
Styrene
Concen: 19.931 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Tgt Ion:104 Resp: 81407
Ion Ratio Lower Upper
104 100
78 50.0 38.1 57.1
103 54.6 44.6 66.8





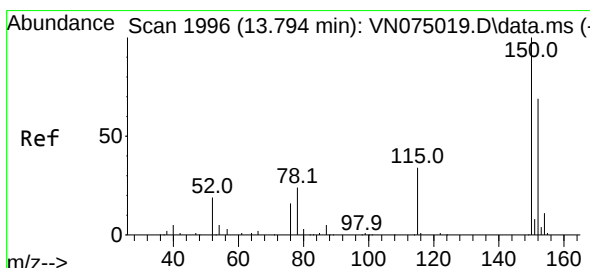
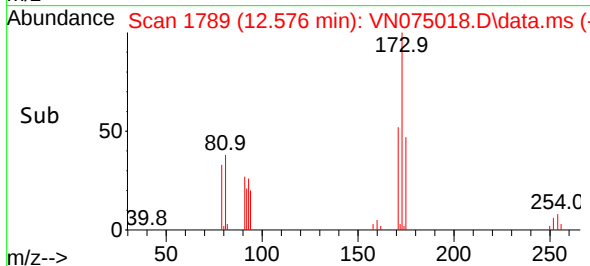
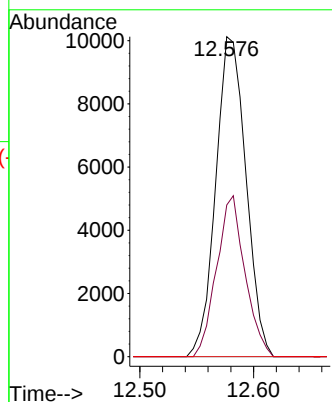
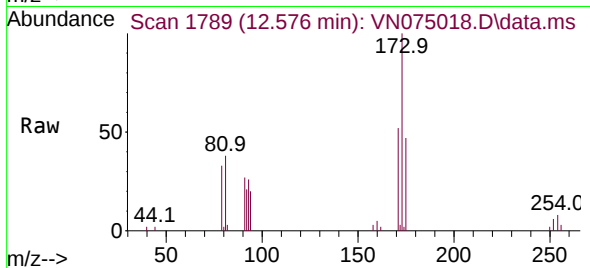
#71
Bromoform
Concen: 18.761 ug/l
RT: 12.576 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:173 Resp: 18690
Ion Ratio Lower Upper
173 100
175 47.2 24.6 74.0
254 0.0 0.0 0.0

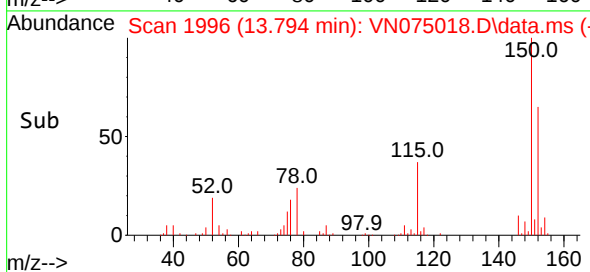
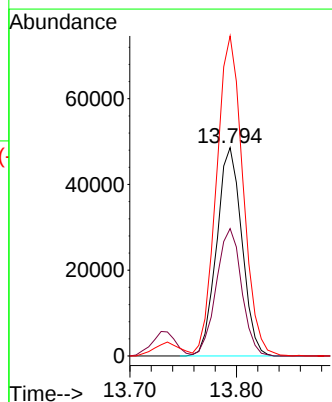
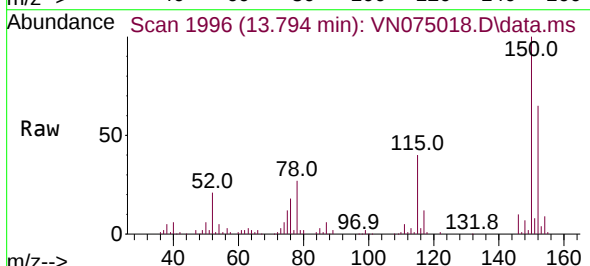
Manual Integrations
APPROVED

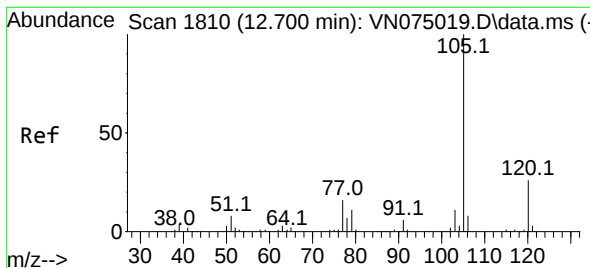
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Tgt Ion:152 Resp: 79639
Ion Ratio Lower Upper
152 100
115 61.6 30.2 90.6
150 162.0 0.0 348.4





#73

Isopropylbenzene

Concen: 20.197 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VN075018.D

Acq: 26 Oct 2022 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 129128

Ion Ratio Lower Upper

105 100

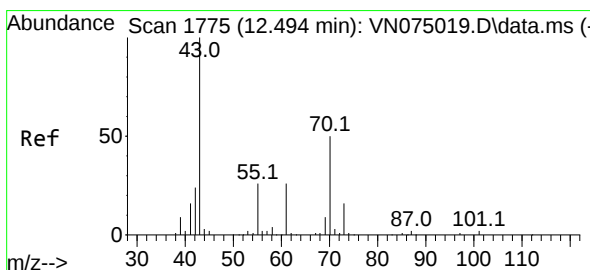
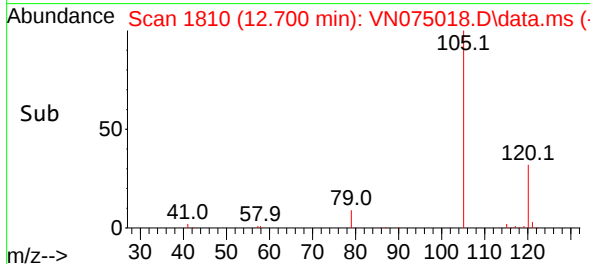
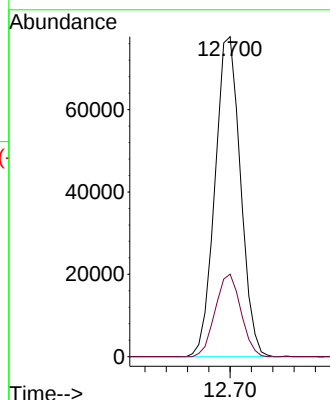
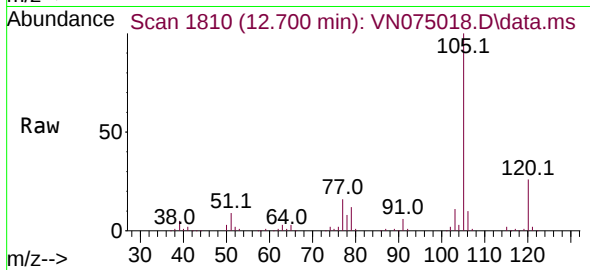
120 25.8 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#74

N-ethyl acetate

Concen: 21.212 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN075018.D

Acq: 26 Oct 2022 11:49

Tgt Ion: 43 Resp: 50160

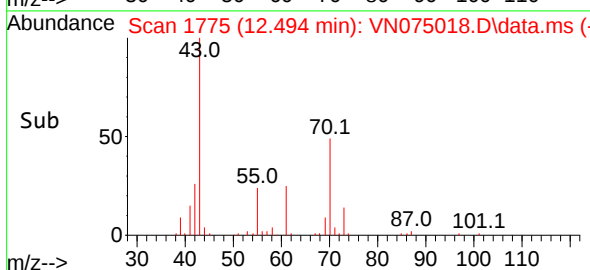
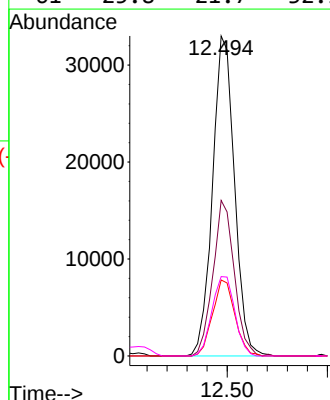
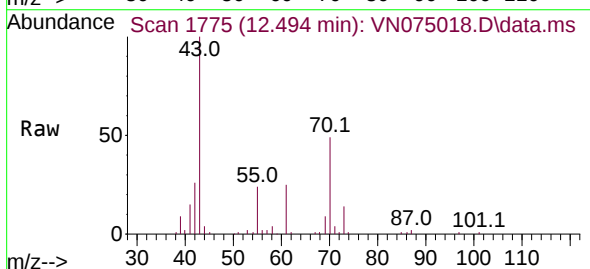
Ion Ratio Lower Upper

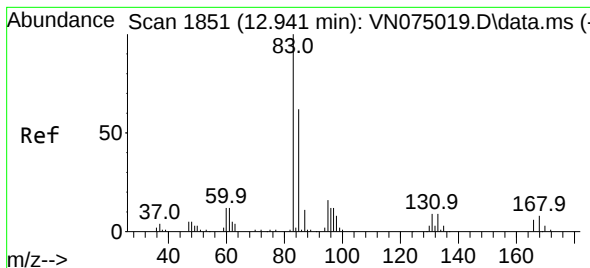
43 100

70 47.3 39.8 59.8

55 24.1 19.9 29.9

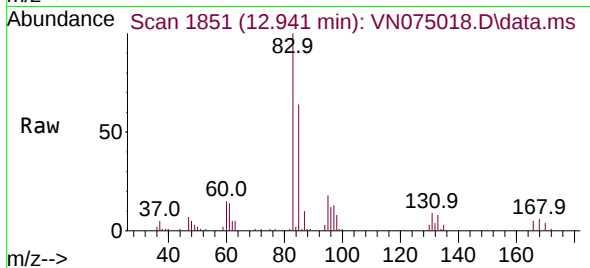
61 25.8 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 21.079 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

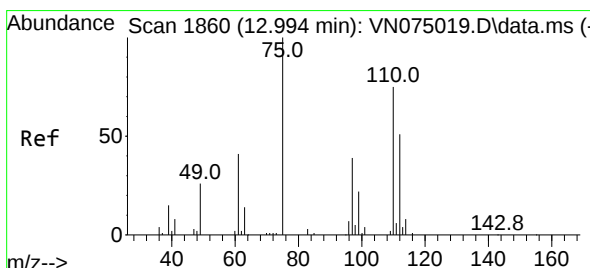
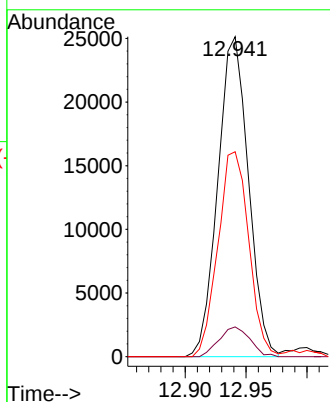
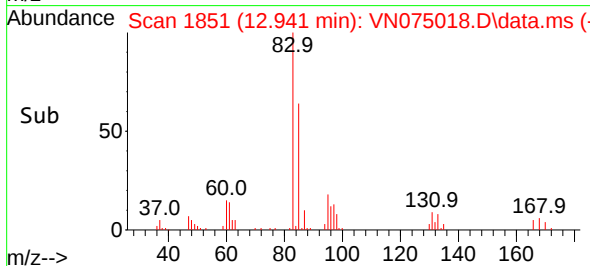
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



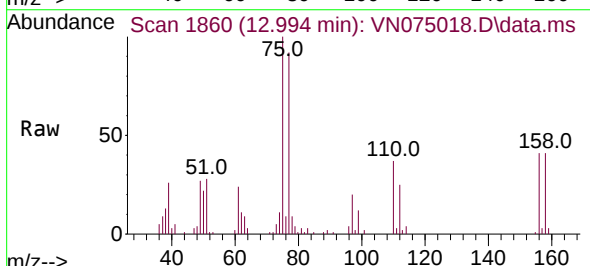
Tgt Ion: 83 Resp: 4396
Ion Ratio Lower Upper
83 100
131 9.4 5.1 15.3
85 64.5 31.6 94.7

Manual Integrations
APPROVED

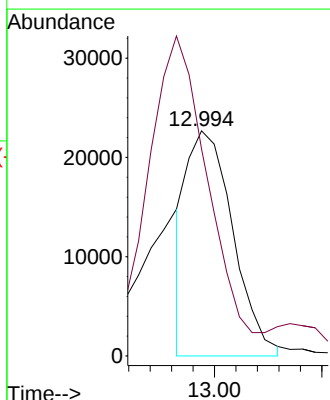
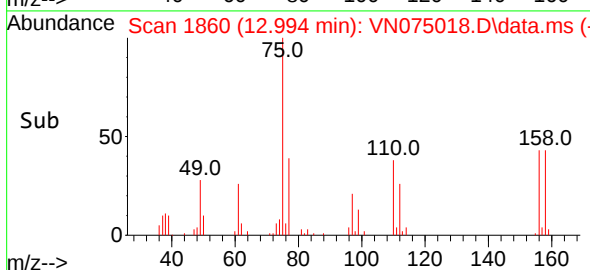
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

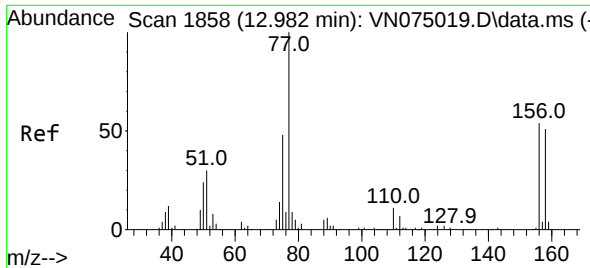


#76
1,2,3-Trichloropropane
Concen: 18.039 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49



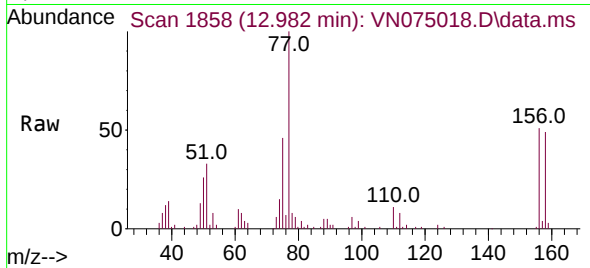
Tgt Ion: 75 Resp: 33988
Ion Ratio Lower Upper
75 100
77 189.2 75.6 226.8





#77
Bromobenzene
Concen: 19.745 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

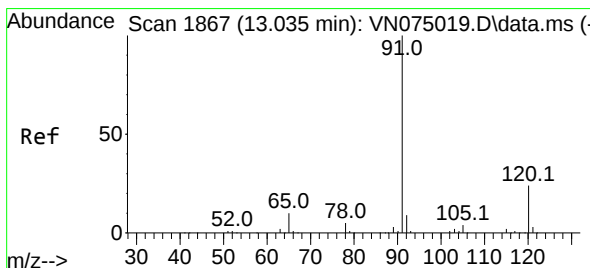
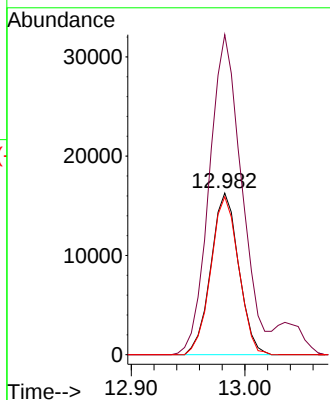
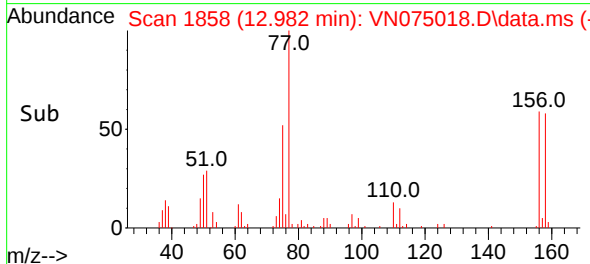
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



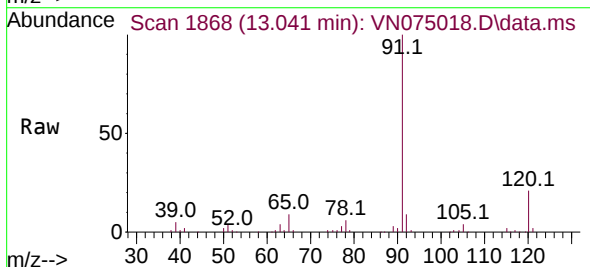
Tgt Ion:156 Resp: 2779
Ion Ratio Lower Upper
156 100
77 231.3 108.5 325.5
158 97.2 47.7 143.1

Manual Integrations
APPROVED

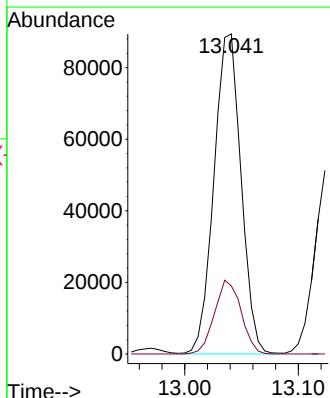
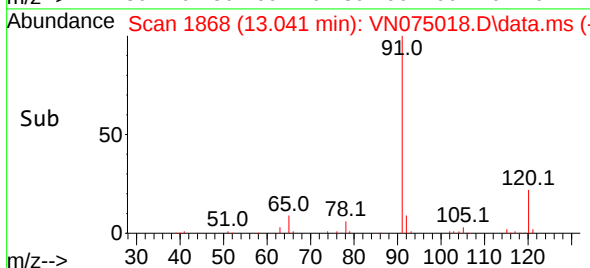
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

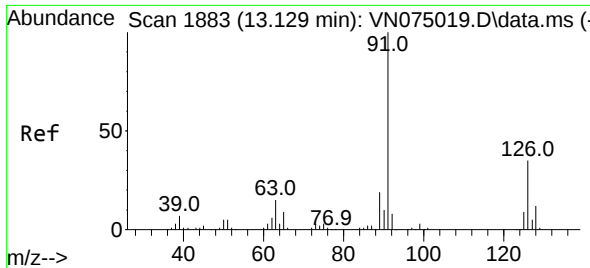


#78
n-propylbenzene
Concen: 20.645 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49



Tgt Ion: 91 Resp: 148195
Ion Ratio Lower Upper
91 100
120 22.5 11.9 35.5





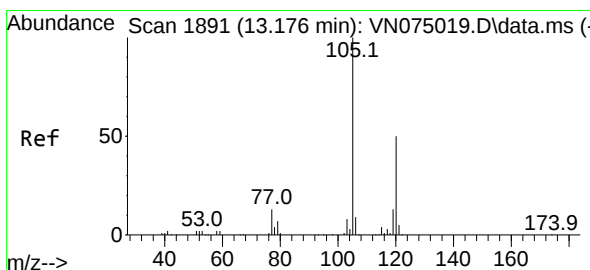
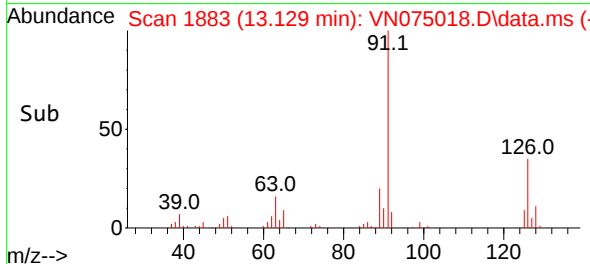
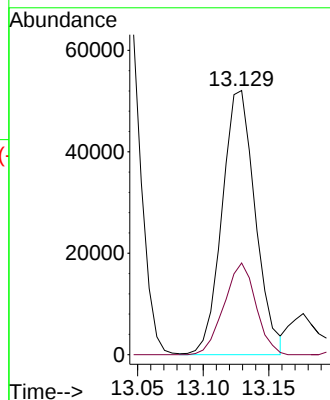
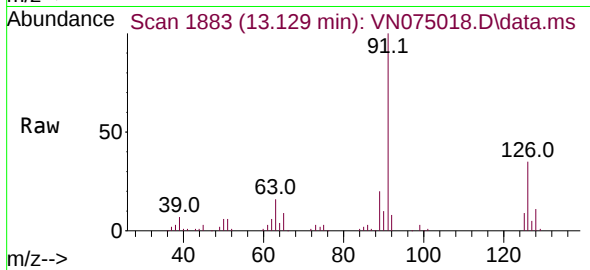
#79
2-Chlorotoluene
Concen: 20.953 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 9190
Ion Ratio Lower Upper
91 100
126 33.1 16.9 50.7

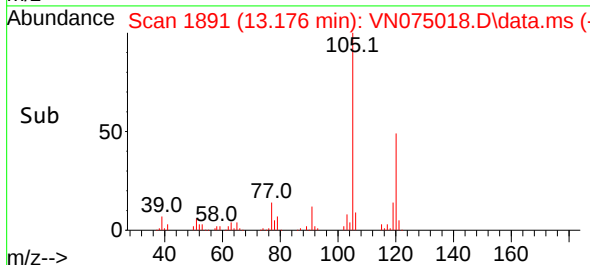
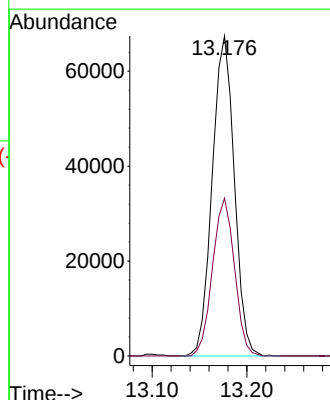
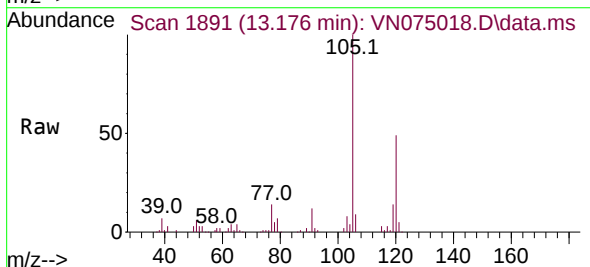
Manual Integrations
APPROVED

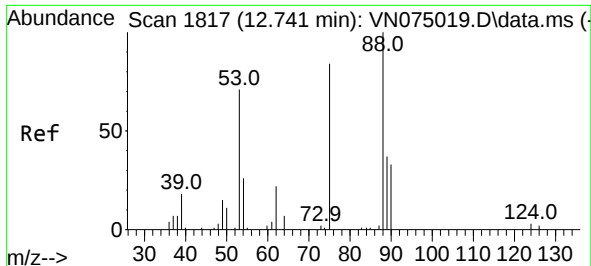
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.298 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Tgt Ion:105 Resp: 109003
Ion Ratio Lower Upper
105 100
120 49.0 24.7 74.1





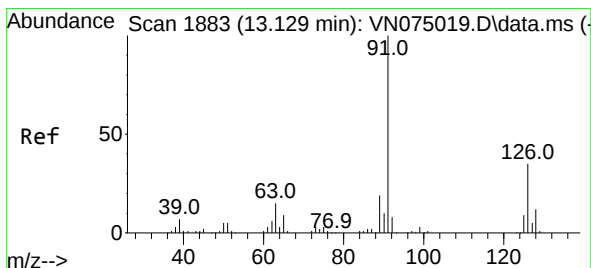
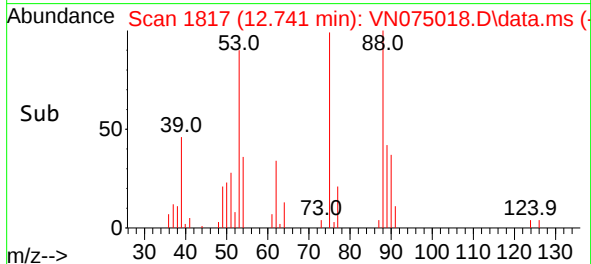
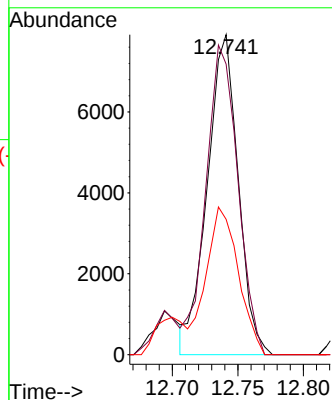
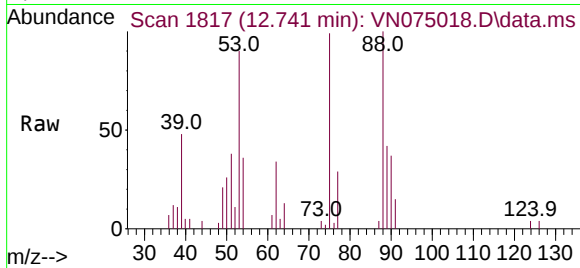
#81
trans-1,4-Dichloro-2-butene
Concen: 19.668 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 12950
Ion Ratio Lower Upper
75 100
53 100.5 78.5 117.7
89 48.2 37.7 56.5

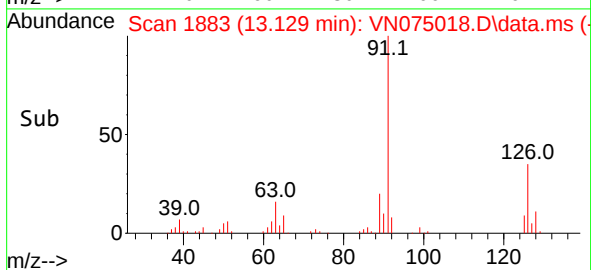
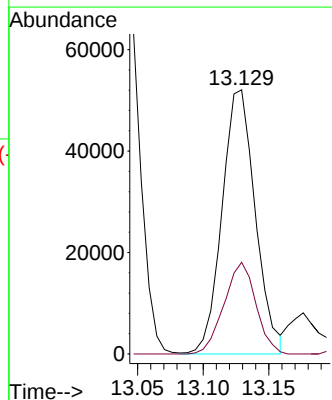
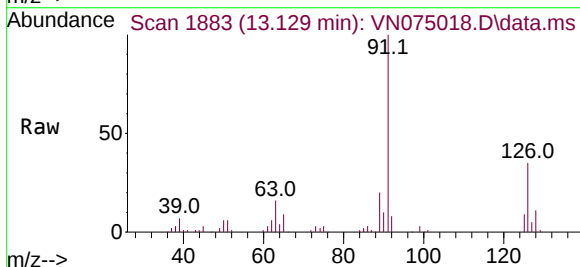
Manual Integrations
APPROVED

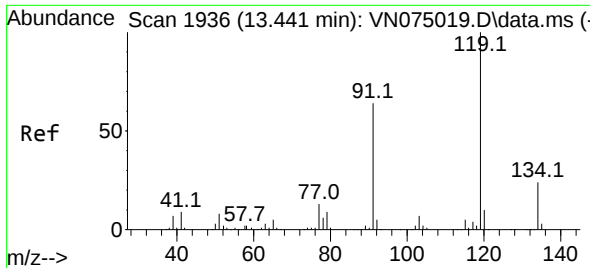
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#82
4-Chlorotoluene
Concen: 20.953 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Tgt Ion: 91 Resp: 91907
Ion Ratio Lower Upper
91 100
126 33.1 16.9 50.7





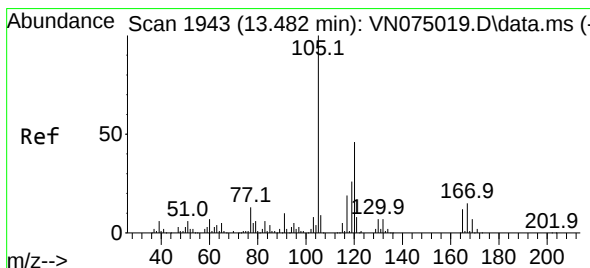
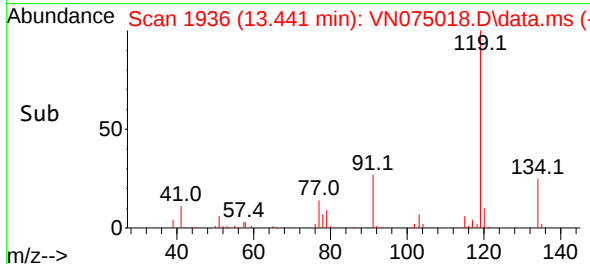
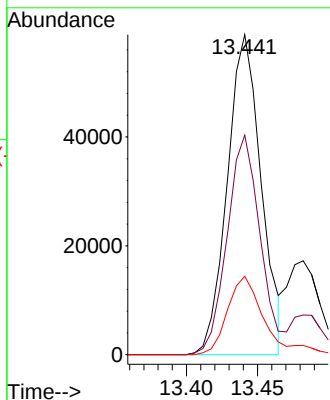
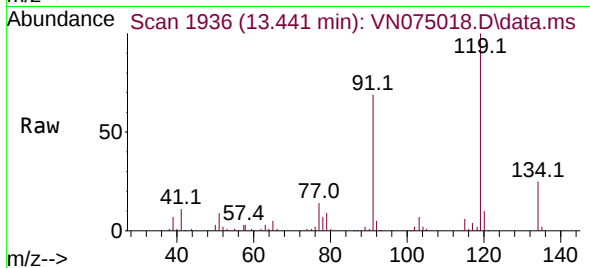
#83
tert-Butylbenzene
Concen: 20.483 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 97738
Ion Ratio Lower Upper
119 100
91 67.6 32.8 98.4
134 26.7 12.3 36.9

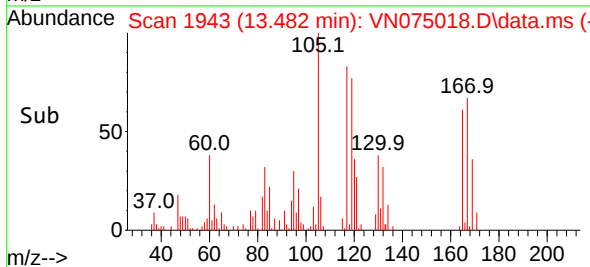
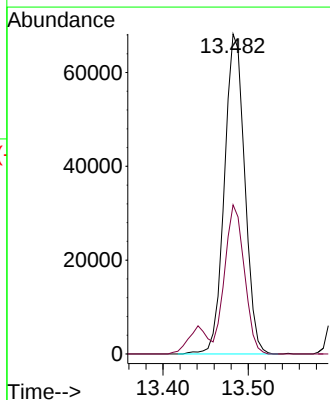
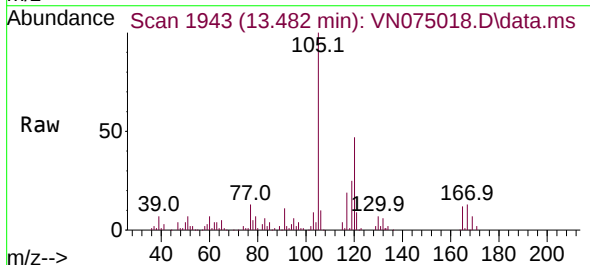
Manual Integrations
APPROVED

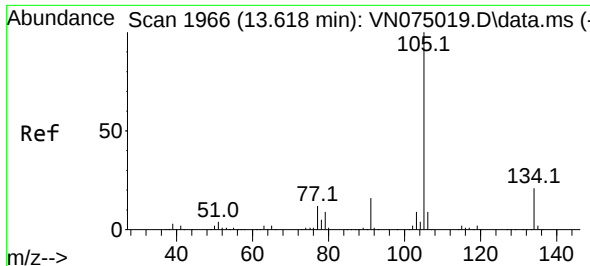
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.775 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

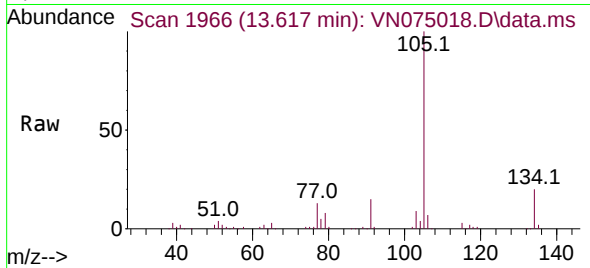
Tgt Ion:105 Resp: 112880
Ion Ratio Lower Upper
105 100
120 44.9 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 20.441 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075018.D
 Acq: 26 Oct 2022 11:49

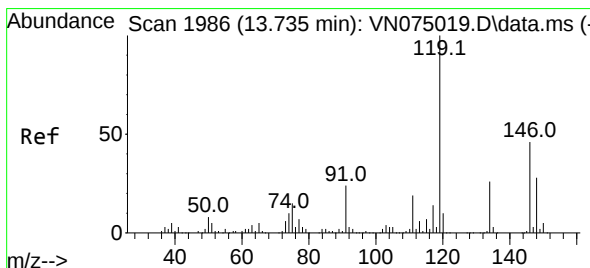
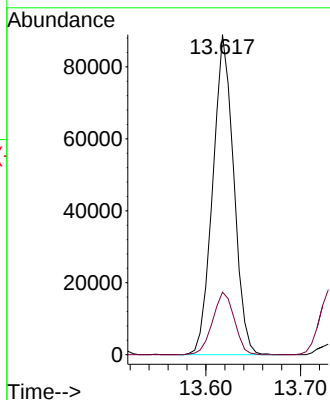
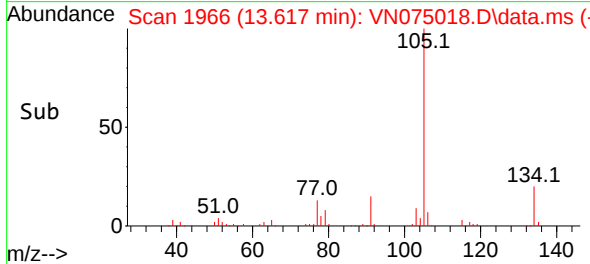
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020



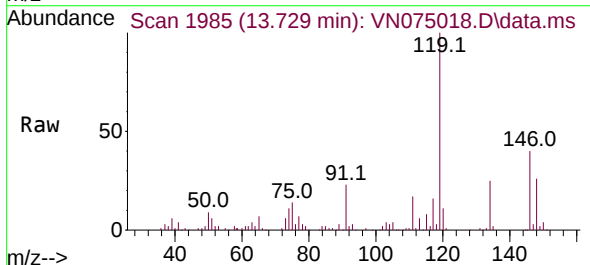
Tgt Ion:105 Resp: 13644
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.6

Manual Integrations
 APPROVED

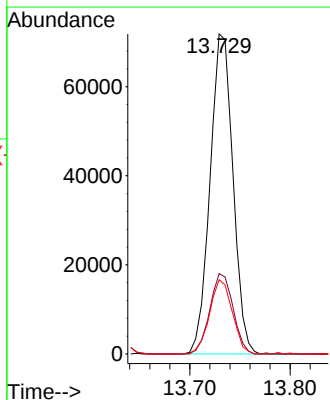
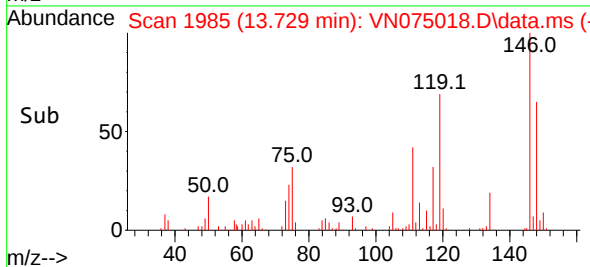
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022

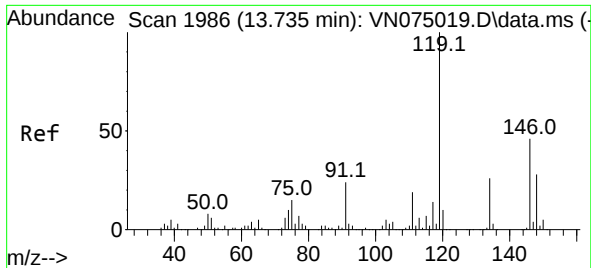


#86
 p-Isopropyltoluene
 Concen: 20.703 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075018.D
 Acq: 26 Oct 2022 11:49



Tgt Ion:119 Resp: 114133
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.1 39.3
 91 23.0 11.9 35.5





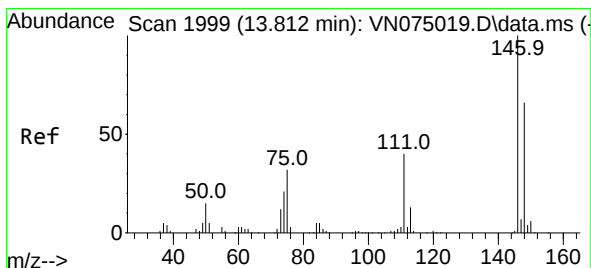
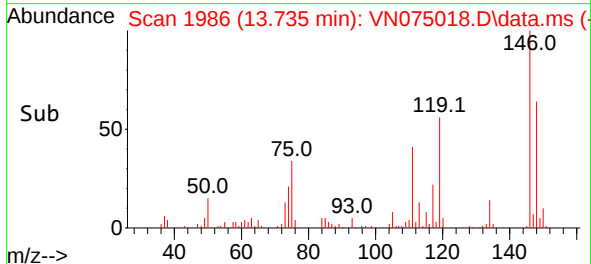
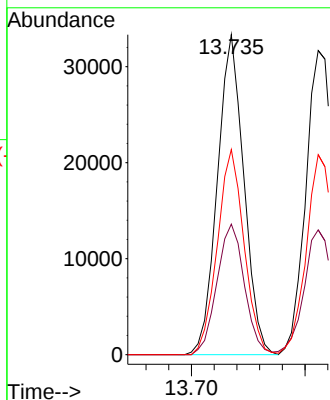
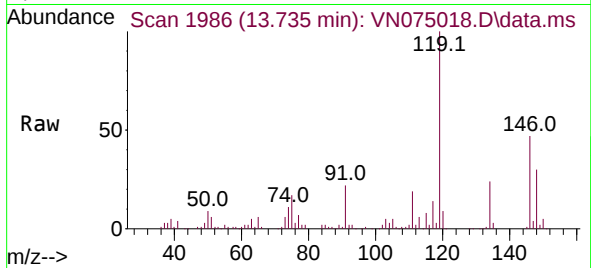
#87
 1,3-Dichlorobenzene
 Concen: 19.579 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN075018.D
 Acq: 26 Oct 2022 11:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:146 Resp: 53960
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.8 62.5
 148 64.9 31.1 93.5

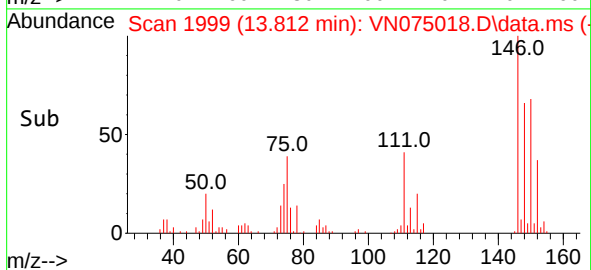
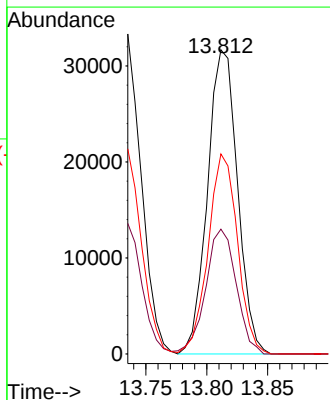
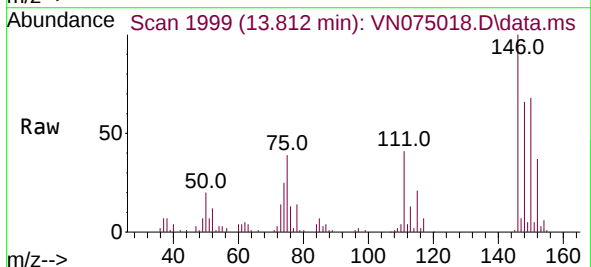
Manual Integrations
 APPROVED

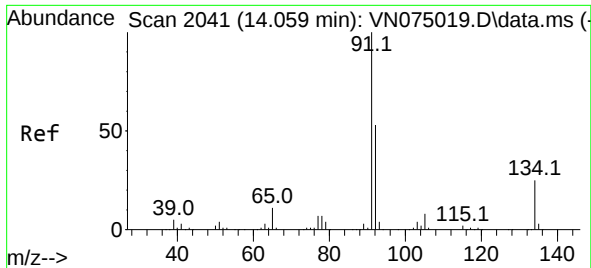
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#88
 1,4-Dichlorobenzene
 Concen: 19.956 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN075018.D
 Acq: 26 Oct 2022 11:49

Tgt Ion:146 Resp: 54437
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.1 60.3
 148 64.4 31.9 95.7





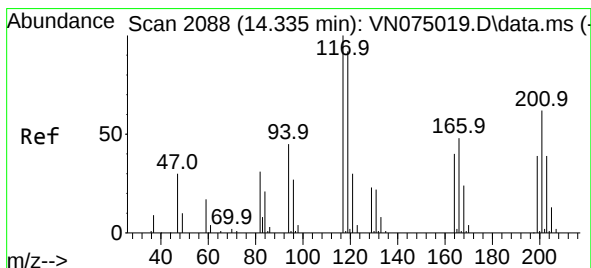
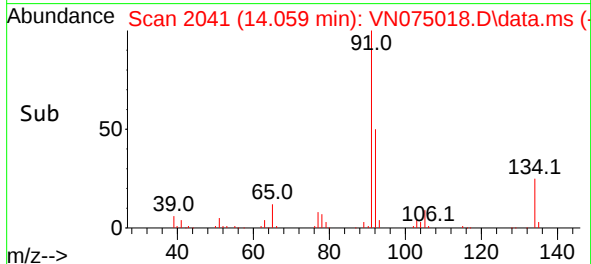
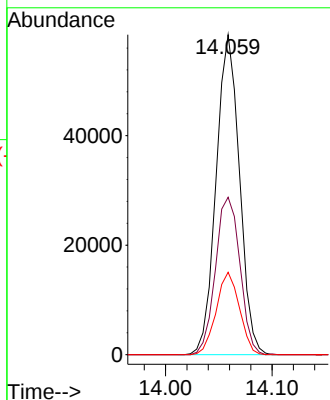
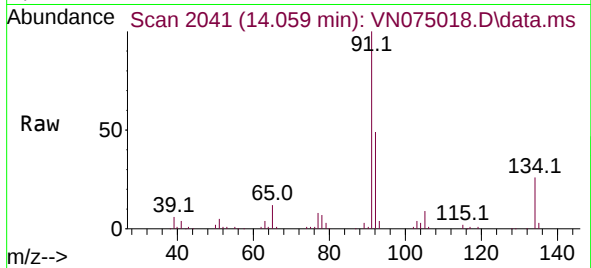
#89
n-Butylbenzene
Concen: 20.019 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 8887
Ion Ratio Lower Upper
91 100
92 51.6 26.5 79.4
134 25.7 13.0 39.0

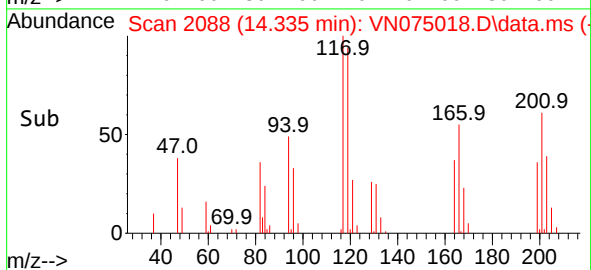
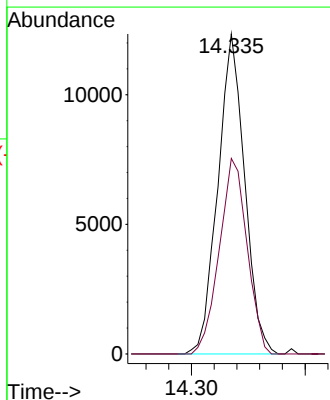
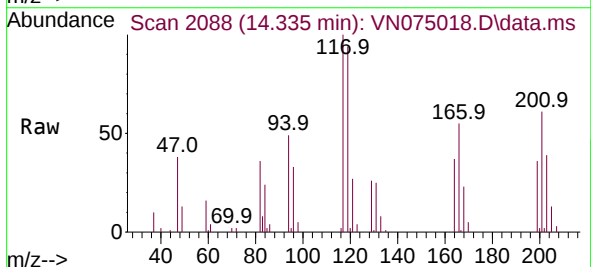
Manual Integrations
APPROVED

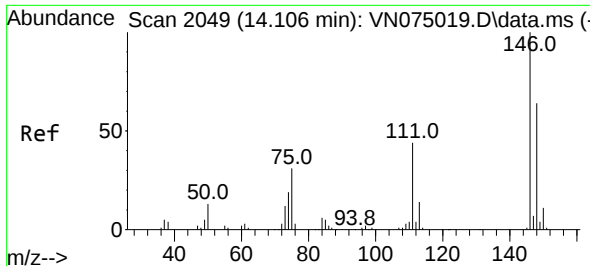
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#90
Hexachloroethane
Concen: 19.997 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

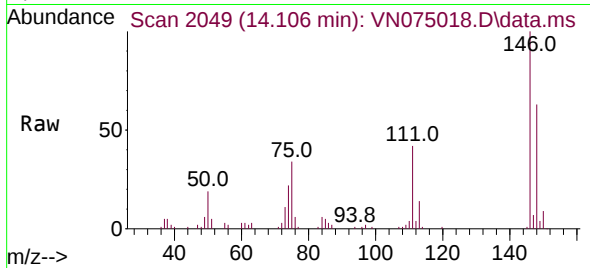
Tgt Ion:117 Resp: 20212
Ion Ratio Lower Upper
117 100
201 63.4 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 19.755 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

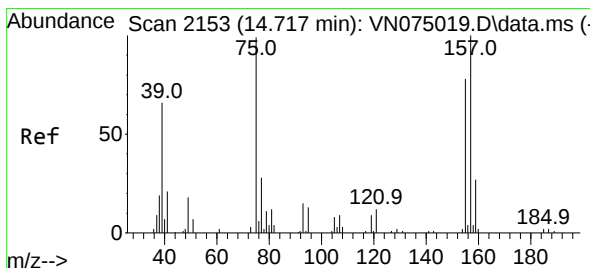
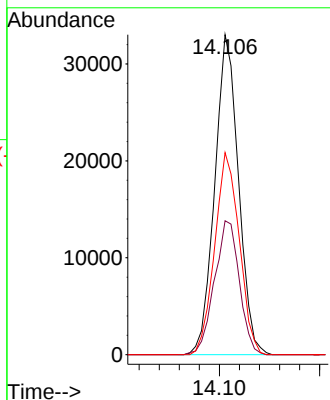
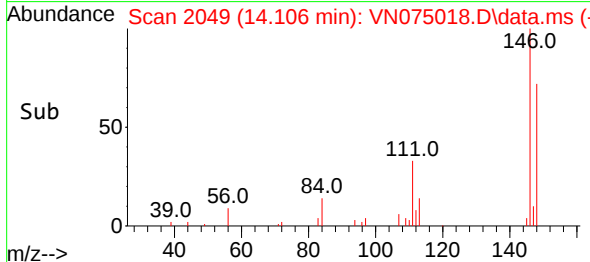
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



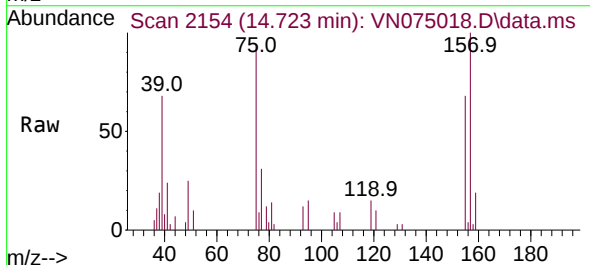
Tgt Ion:146 Resp: 54134
Ion Ratio Lower Upper
146 100
111 44.0 21.3 63.9
148 65.3 31.4 94.2

Manual Integrations
APPROVED

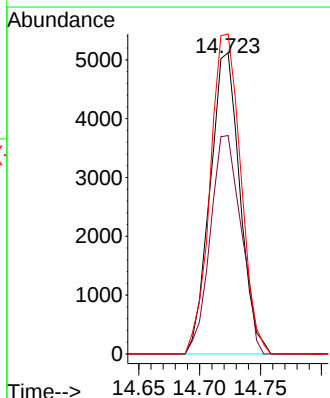
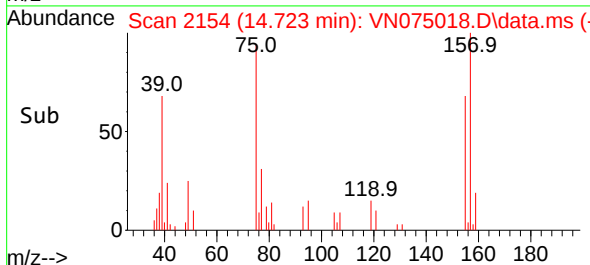
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

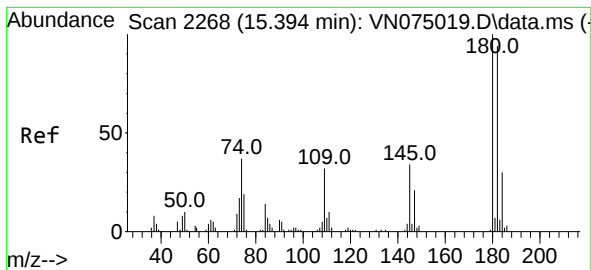


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.252 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49



Tgt Ion: 75 Resp: 8734
Ion Ratio Lower Upper
75 100
155 75.0 42.1 126.3
157 108.8 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 18.767 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075018.D

Acq: 26 Oct 2022 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

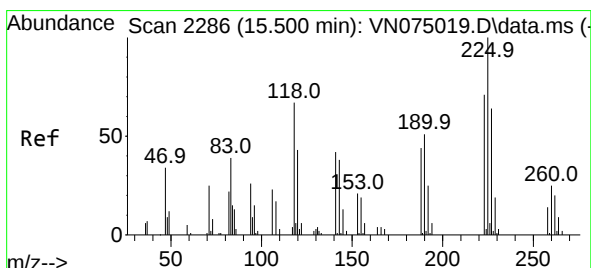
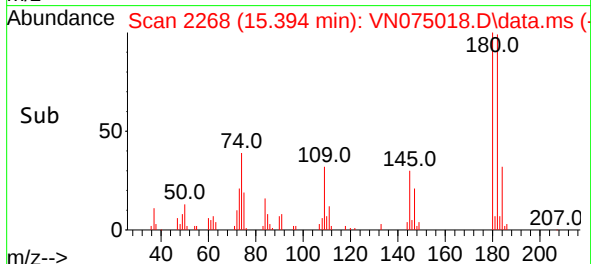
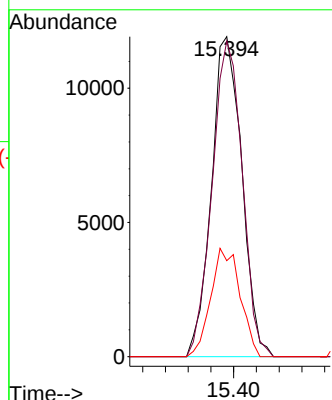
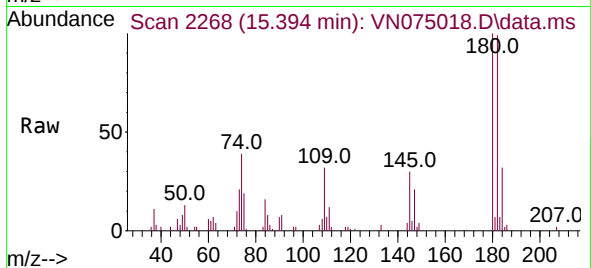
Tgt Ion:	180	Resp:	22130
Ion Ratio	Lower	Upper	
180	100		
182	97.9	47.8	143.4
145	32.7	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#94

Hexachlorobutadiene

Concen: 20.327 ug/l

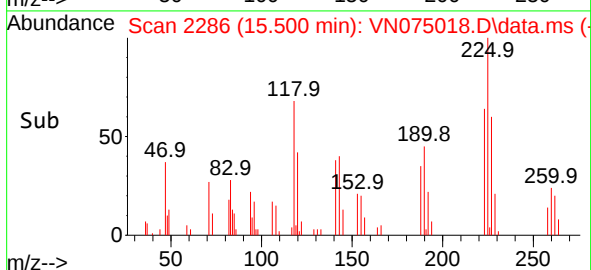
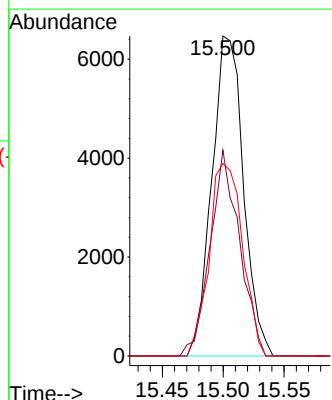
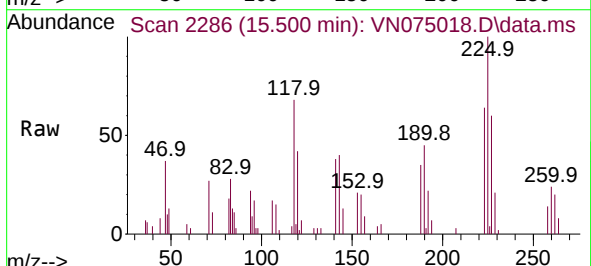
RT: 15.500 min Scan# 2286

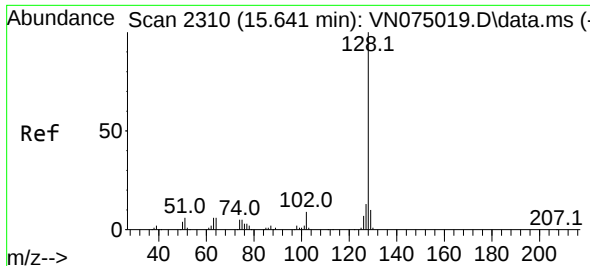
Delta R.T. -0.000 min

Lab File: VN075018.D

Acq: 26 Oct 2022 11:49

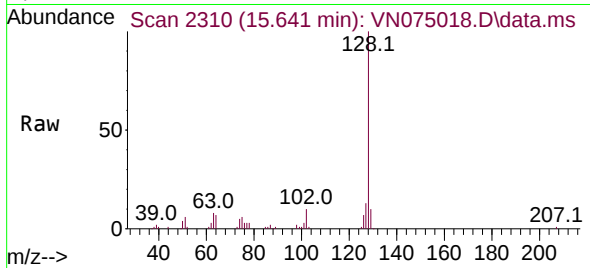
Tgt Ion:	225	Resp:	11685
Ion Ratio	Lower	Upper	
225	100		
223	59.6	32.3	96.9
227	63.4	32.0	96.2





#95
Naphthalene
Concen: 19.568 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49

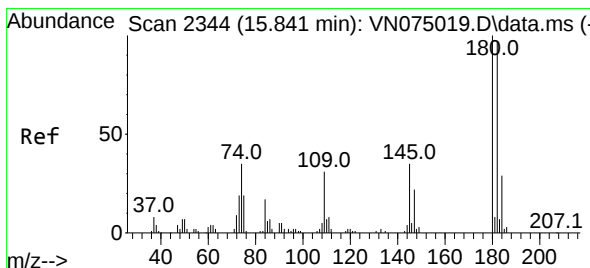
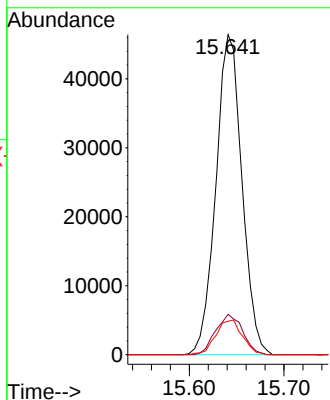
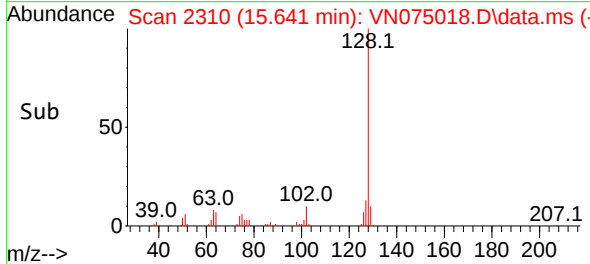
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



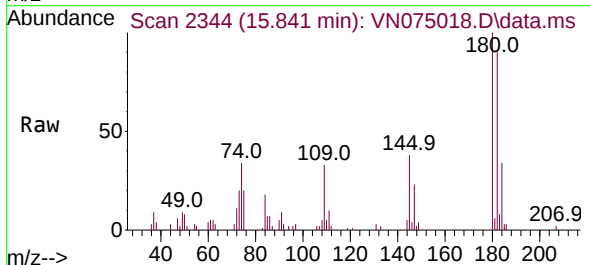
Tgt Ion:128 Resp: 88734
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.1 8.6 12.8

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 19.603 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075018.D
Acq: 26 Oct 2022 11:49



Tgt Ion:180 Resp: 22968
Ion Ratio Lower Upper
180 100
182 93.4 47.3 141.8
145 34.6 17.6 52.9

