

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011623\
 Data File : VN076263.D
 Acq On : 16 Jan 2023 11:42
 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 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

Quant Time: Jan 17 03:27:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:09:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	333376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	532805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	475986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	223693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	73264	19.627	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	39.260%#		
35) Dibromofluoromethane	8.171	113	66517	19.958	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.920%#		
50) Toluene-d8	10.570	98	245379	19.935	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	39.880%#		
62) 4-Bromofluorobenzene	12.847	95	79158	19.700	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	39.400%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	69689	20.831	ug/l	95
3) Chloromethane	2.377	50	69779	19.541	ug/l	97
4) Vinyl Chloride	2.530	62	85936	19.516	ug/l	98
5) Bromomethane	2.971	94	69958	19.697	ug/l	93
6) Chloroethane	3.136	64	62765	19.474	ug/l	100
7) Trichlorofluoromethane	3.518	101	117412	19.671	ug/l	99
8) Diethyl Ether	3.971	74	39695	20.125	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.389	101	66915	20.057	ug/l	99
10) Methyl Iodide	4.600	142	101460	19.664	ug/l	99
11) Tert butyl alcohol	5.536	59	46729	93.593	ug/l #	85
12) 1,1-Dichloroethene	4.359	96	61228	19.754	ug/l	86
13) Acrolein	4.200	56	58773	98.432	ug/l	99
14) Allyl chloride	5.036	41	69646	19.155	ug/l	99
15) Acrylonitrile	5.730	53	138844	96.710	ug/l	99
16) Acetone	4.441	43	115561	93.637	ug/l	97
17) Carbon Disulfide	4.730	76	152132	19.500	ug/l	98
18) Methyl Acetate	5.041	43	76599	19.007	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	204903	19.861	ug/l	98
20) Methylene Chloride	5.288	84	72411	19.497	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	66652	19.449	ug/l	96
22) Diisopropyl ether	6.683	45	176596	19.936	ug/l	96
23) Vinyl Acetate	6.612	43	586941	104.365	ug/l	97
24) 1,1-Dichloroethane	6.577	63	113831	19.154	ug/l	99
25) 2-Butanone	7.488	43	175557	97.729	ug/l	99
26) 2,2-Dichloropropane	7.500	77	96641	19.045	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	79611	19.711	ug/l	98
28) Bromochloromethane	7.824	49	47125	19.649	ug/l	98
29) Tetrahydrofuran	7.841	42	113622	100.690	ug/l	99
30) Chloroform	7.971	83	124094	18.769	ug/l	92
31) Cyclohexane	8.265	56	111143	19.383	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	116028	19.697	ug/l	91
36) 1,1-Dichloropropene	8.377	75	93699	19.830	ug/l	100
37) Ethyl Acetate	7.565	43	75898	20.240	ug/l	99
38) Carbon Tetrachloride	8.371	117	103587	19.682	ug/l	97
39) Methylcyclohexane	9.606	83	118648	20.759	ug/l	98
40) Benzene	8.612	78	280396	19.928	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	38707	20.035	ug/l	96
42) 1,2-Dichloroethane	8.677	62	93910	19.422	ug/l	99
43) Isopropyl Acetate	8.694	43	120216	14.791	ug/l	99
44) Trichloroethene	9.359	130	75515	19.108	ug/l	97
45) 1,2-Dichloropropane	9.623	63	66832	19.798	ug/l	100
46) Dibromomethane	9.712	93	49419	19.526	ug/l	98
47) Bromodichloromethane	9.888	83	97172	19.838	ug/l	97
48) Methyl methacrylate	9.682	41	56694	20.225	ug/l	99
49) 1,4-Dioxane	9.694	88	24139	397.983	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	363112	100.808	ug/l	100
52) Toluene	10.629	92	185436	19.960	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	94115	20.132	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	107692	20.256	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	70284	19.905	ug/l	99
56) Ethyl methacrylate	10.876	69	95501	20.700	ug/l	98
57) 1,3-Dichloropropane	11.165	76	115621	20.276	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	159890	103.241	ug/l	100
59) 2-Hexanone	11.200	43	265249	102.378	ug/l	100
60) Dibromochloromethane	11.359	129	76237	19.734	ug/l	100
61) 1,2-Dibromoethane	11.470	107	71501	19.994	ug/l	98
64) Tetrachloroethene	11.106	164	80374	19.117	ug/l	99
65) Chlorobenzene	11.894	112	193594	19.419	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	72903	19.663	ug/l	99
67) Ethyl Benzene	11.965	91	345405	20.152	ug/l	99
68) m/p-Xylenes	12.070	106	274693	40.574	ug/l	99
69) o-Xylene	12.400	106	135135	20.358	ug/l	100
70) Styrene	12.412	104	216551	20.611	ug/l	99
71) Bromoform	12.582	173	53606	19.954	ug/l #	99
73) Isopropylbenzene	12.700	105	352772	20.671	ug/l	99
74) N-amyl acetate	12.494	43	98317	20.423	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	95815	19.102	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	85153m	18.500	ug/l	
77) Bromobenzene	12.982	156	82443	19.363	ug/l	98
78) n-propylbenzene	13.035	91	389172	20.629	ug/l	100
79) 2-Chlorotoluene	13.129	91	230561	19.621	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	292268	20.350	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	26323	19.579	ug/l	99
82) 4-Chlorotoluene	13.129	91	230561	19.621	ug/l	99
83) tert-Butylbenzene	13.441	119	256981	20.064	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	293171	20.904	ug/l	100
85) sec-Butylbenzene	13.617	105	356622	20.421	ug/l	99
86) p-Isopropyltoluene	13.729	119	297726	20.892	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	149901	19.206	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	151364	19.542	ug/l	99
89) n-Butylbenzene	14.059	91	227494	20.168	ug/l	99
90) Hexachloroethane	14.335	117	50245	20.026	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	152406	19.374	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16704	19.995	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	67990	20.157	ug/l	99
94) Hexachlorobutadiene	15.505	225	39847	19.399	ug/l	98
95) Naphthalene	15.641	128	197487	21.049	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	65299	19.856	ug/l	96

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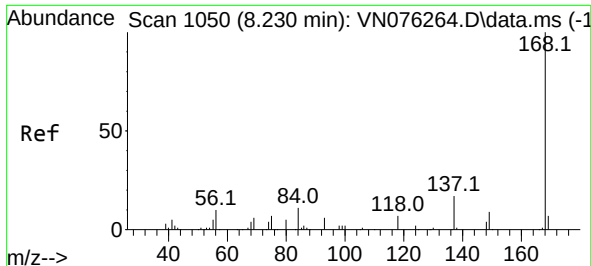
Manual Integrations
APPROVED

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN076263.D
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Instrument :

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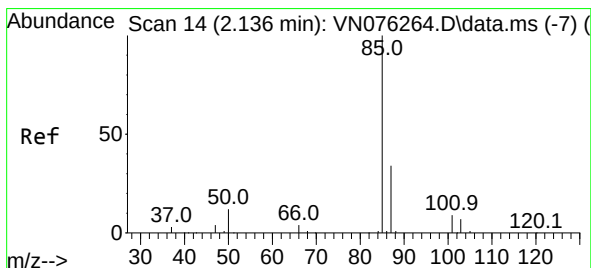
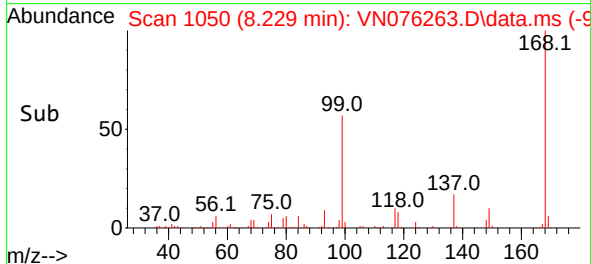
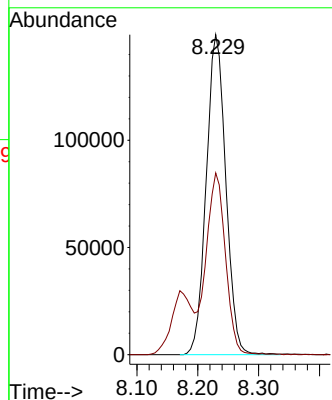
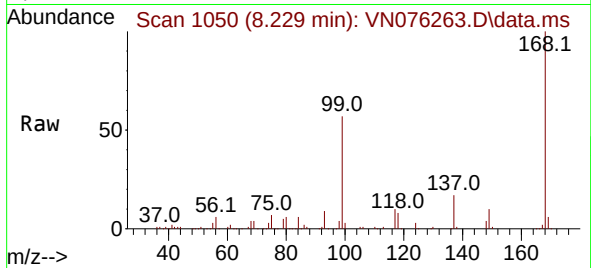
VSTDIC020

Tgt Ion:168 Resp: 333370
Ion Ratio Lower Upper
168 100
99 56.6 41.6 62.4

Manual Integrations

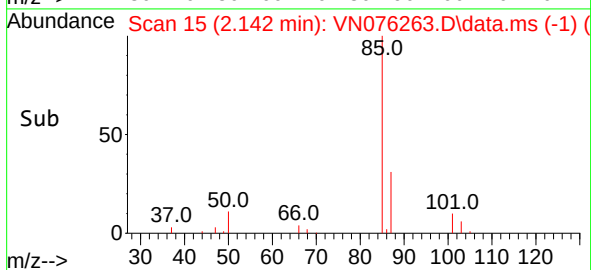
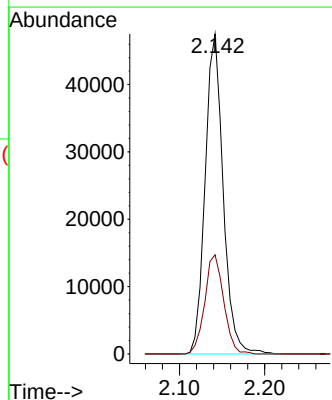
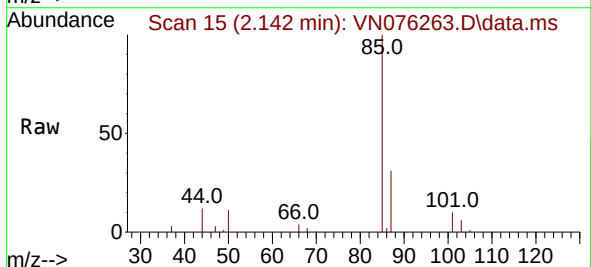
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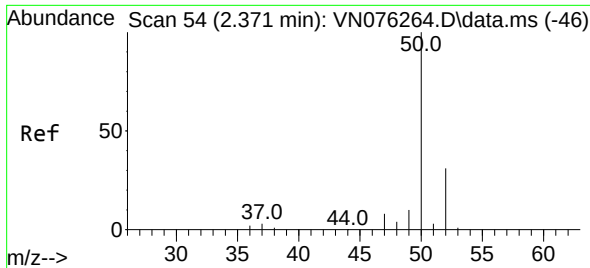
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#2
Dichlorodifluoromethane
Concen: 20.831 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Tgt Ion: 85 Resp: 69689
Ion Ratio Lower Upper
85 100
87 31.0 17.1 51.2





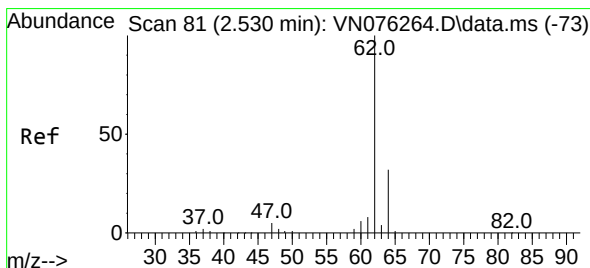
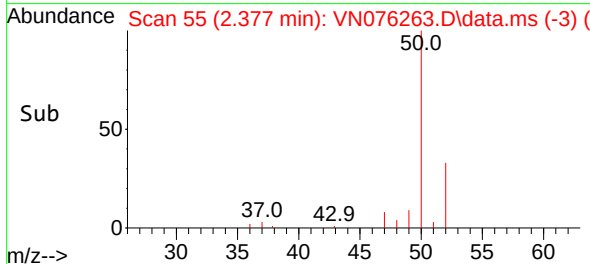
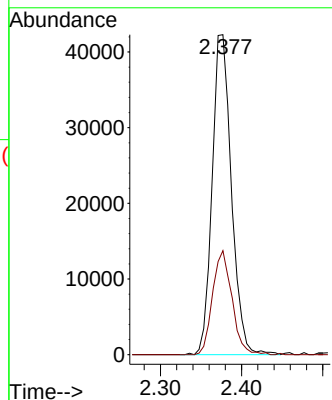
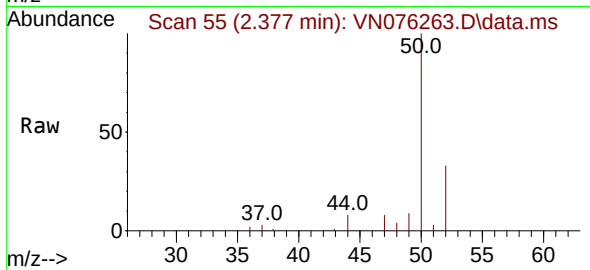
#3
Chloromethane
Concen: 19.541 ug/l
RT: 2.377 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

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Tgt Ion: 50 Resp: 69779
Ion Ratio Lower Upper
50 100
52 32.5 24.8 37.2

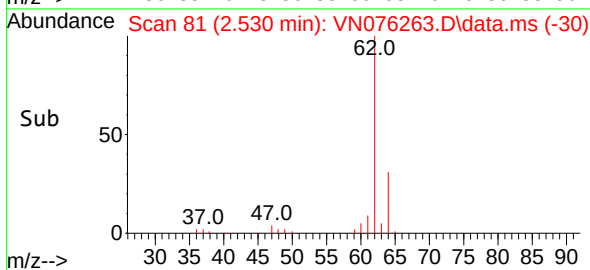
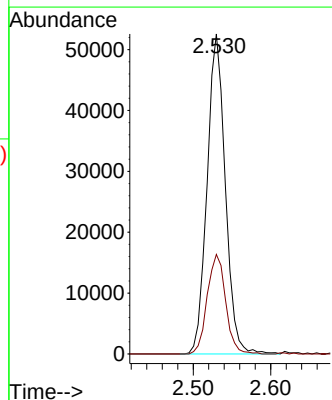
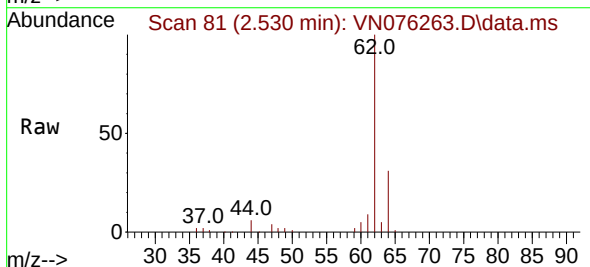
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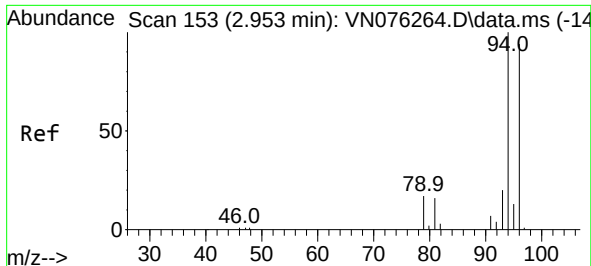
Reviewed By :John Carlone 01/17/2023
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#4
Vinyl Chloride
Concen: 19.516 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

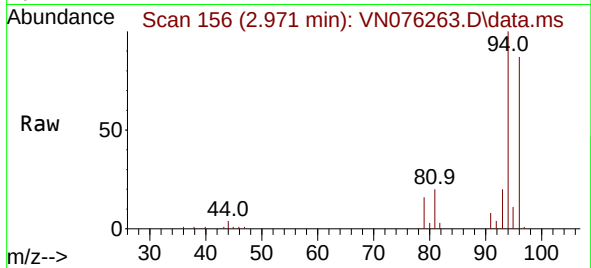
Tgt Ion: 62 Resp: 85936
Ion Ratio Lower Upper
62 100
64 31.1 25.8 38.6





#5
Bromomethane
Concen: 19.697 ug/l
RT: 2.971 min Scan# 156
Delta R.T. 0.018 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

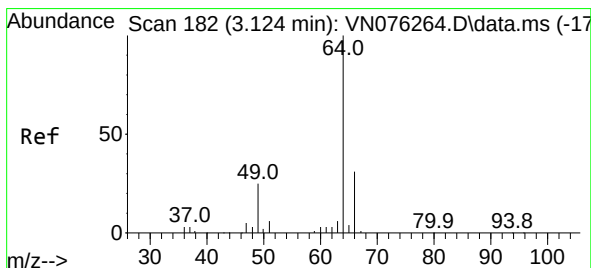
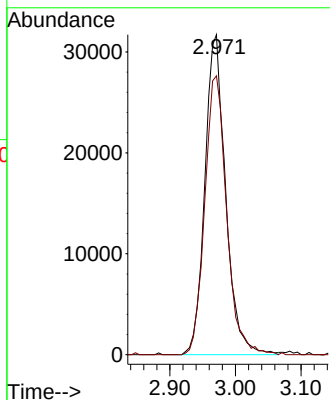
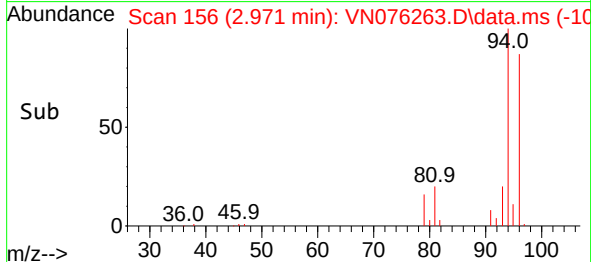
Instrument :
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Tgt Ion: 94 Resp: 69958
Ion Ratio Lower Upper
94 100
96 87.2 75.1 112.7

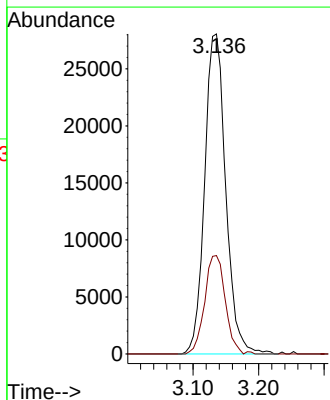
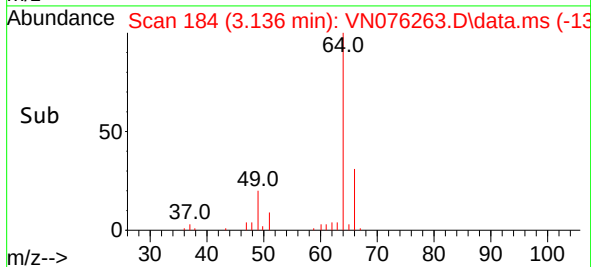
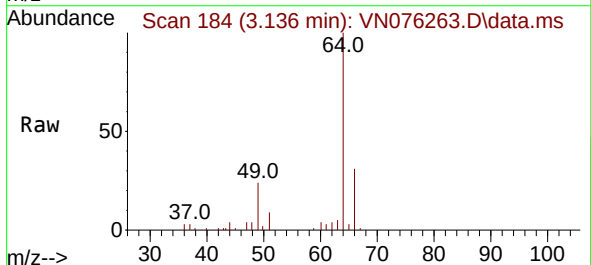
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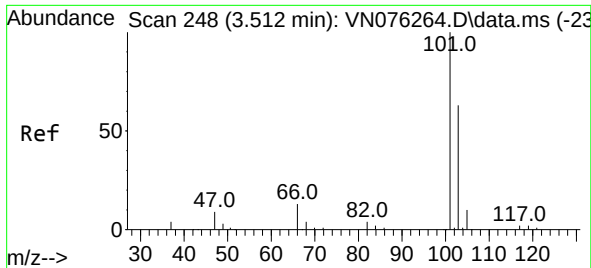
Reviewed By :John Carlone 01/17/2023
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#6
Chloroethane
Concen: 19.474 ug/l
RT: 3.136 min Scan# 184
Delta R.T. 0.012 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Tgt Ion: 64 Resp: 62765
Ion Ratio Lower Upper
64 100
66 30.7 24.8 37.2





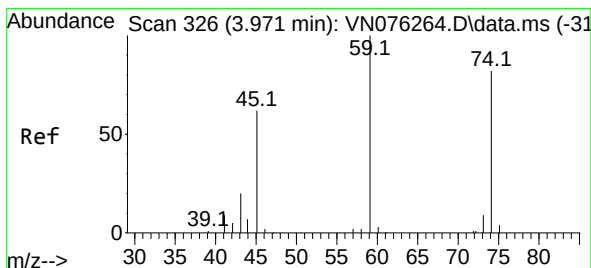
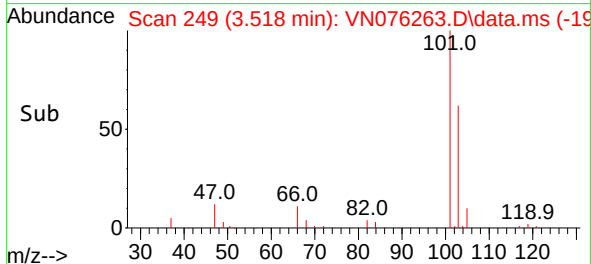
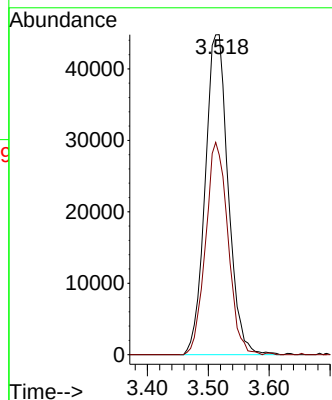
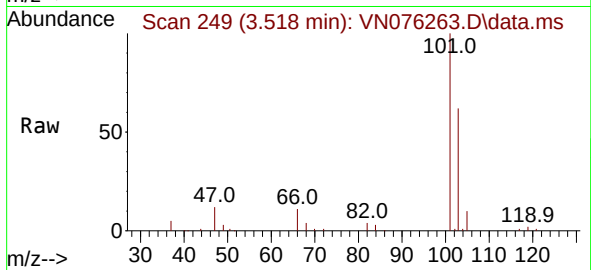
#7
 Trichlorofluoromethane
 Concen: 19.671 ug/l
 RT: 3.518 min Scan# 248
 Delta R.T. 0.006 min
 Lab File: VN076263.D
 Acq: 16 Jan 2023 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:101 Resp: 11741
 Ion Ratio Lower Upper
 101 100
 103 62.4 50.2 75.4

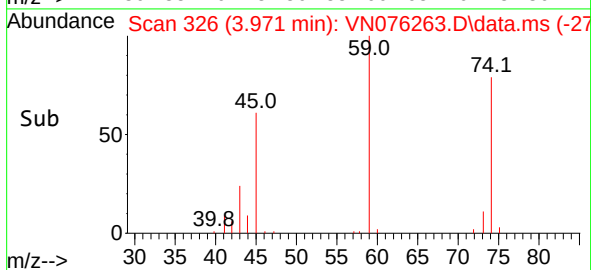
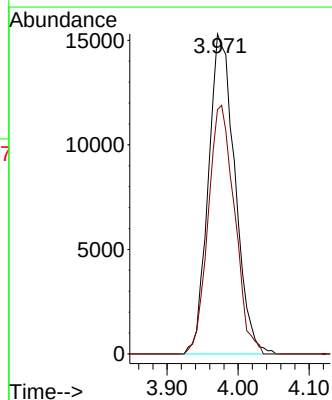
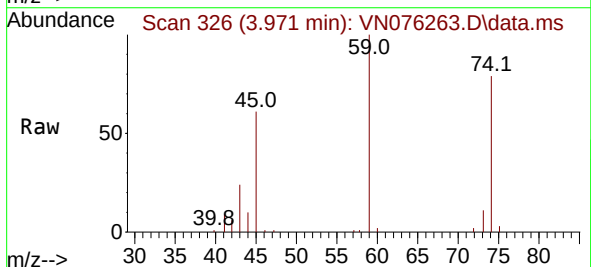
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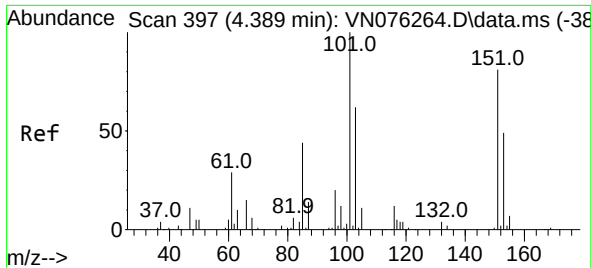
Reviewed By :John Carlone 01/17/2023
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#8
 Diethyl Ether
 Concen: 20.125 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. -0.000 min
 Lab File: VN076263.D
 Acq: 16 Jan 2023 11:42

Tgt Ion: 74 Resp: 39695
 Ion Ratio Lower Upper
 74 100
 45 77.5 37.8 113.3





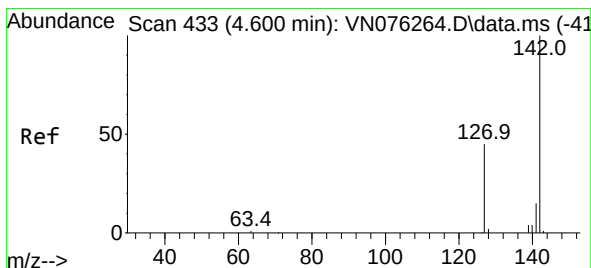
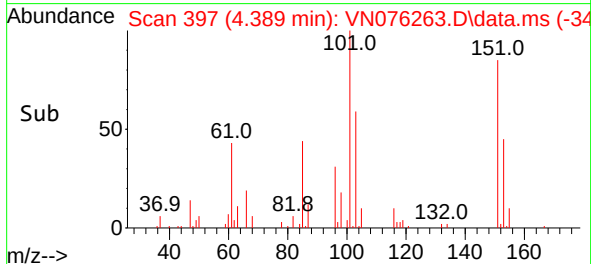
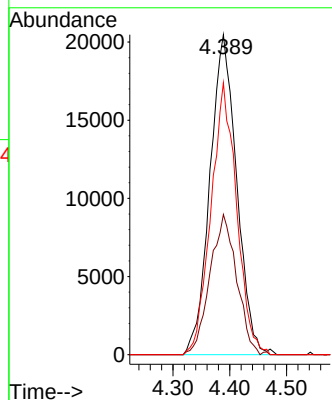
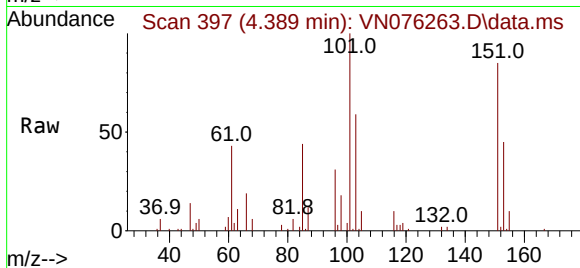
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.057 ug/l
RT: 4.389 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN076263.D
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MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 6691
Ion Ratio Lower Upper
101 100
85 43.9 35.5 53.3
151 81.4 65.5 98.3

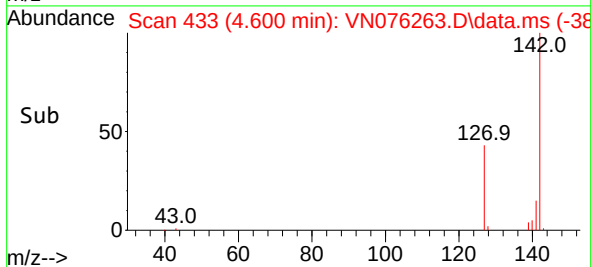
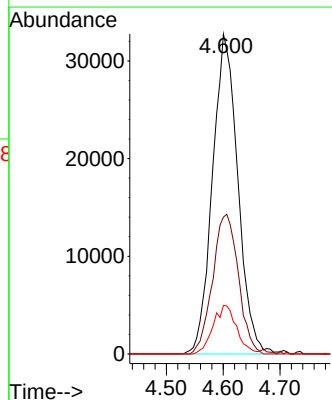
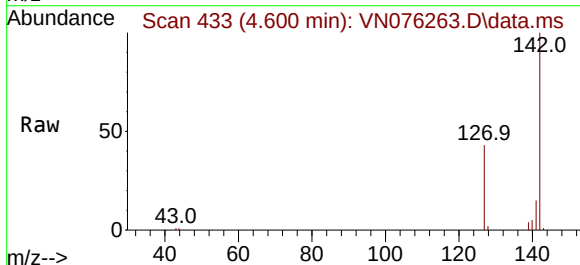
Manual Integrations
APPROVED

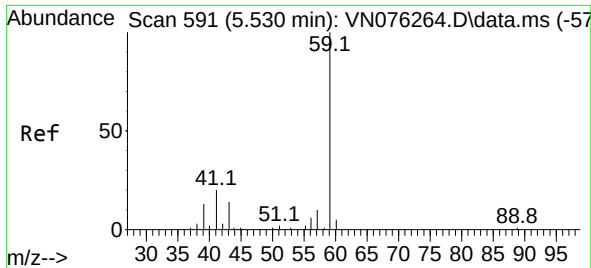
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#10
Methyl Iodide
Concen: 19.664 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Tgt Ion:142 Resp: 101460
Ion Ratio Lower Upper
142 100
127 44.7 35.0 52.4
141 14.2 11.5 17.3





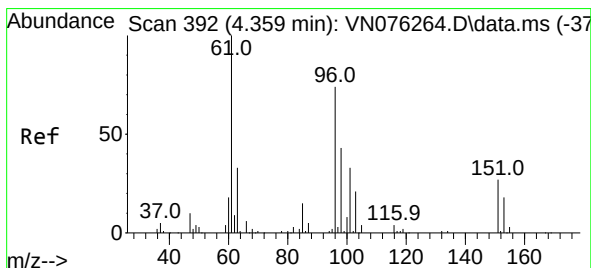
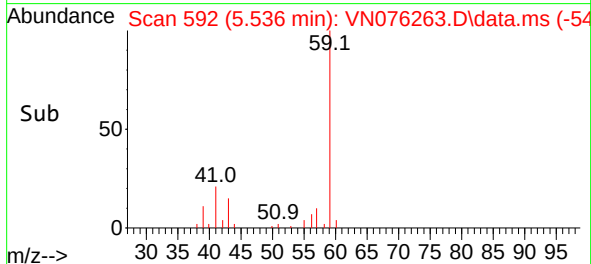
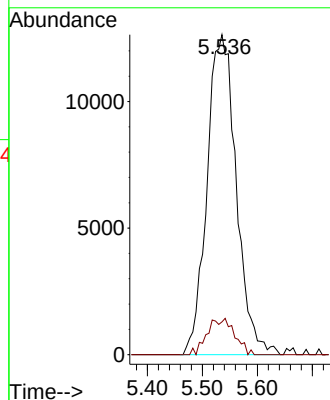
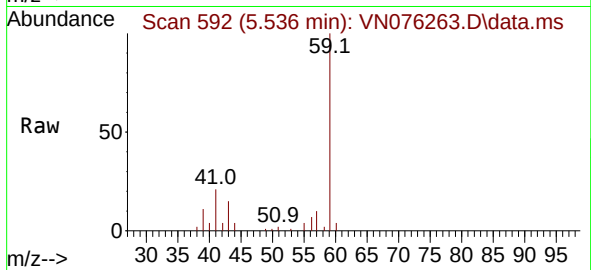
#11
Tert butyl alcohol
Concen: 93.593 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 46729
Ion Ratio Lower Upper
59 100
57 5.1 8.5 12.7

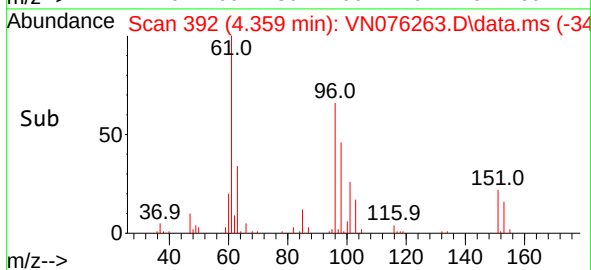
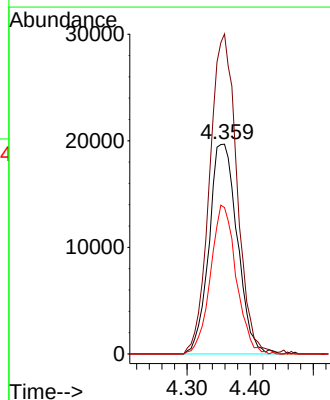
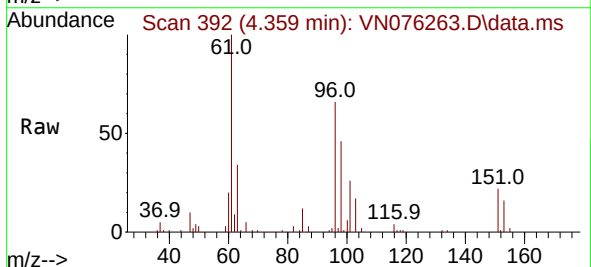
Manual Integrations
APPROVED

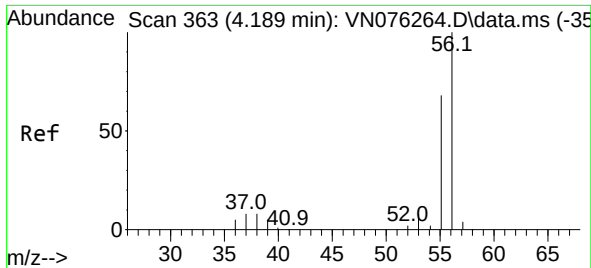
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#12
1,1-Dichloroethene
Concen: 19.754 ug/l
RT: 4.359 min Scan# 392
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Tgt Ion: 96 Resp: 61228
Ion Ratio Lower Upper
96 100
61 152.5 108.2 162.4
98 69.7 47.0 70.6





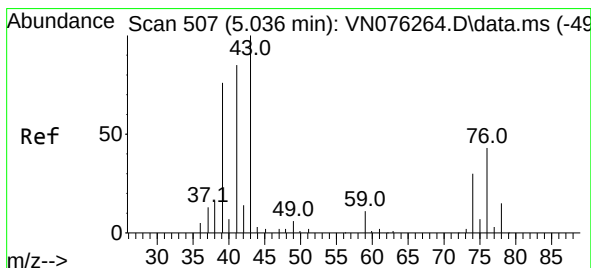
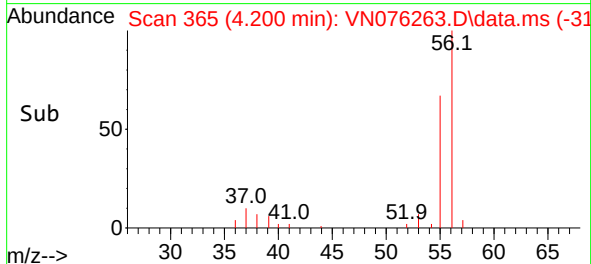
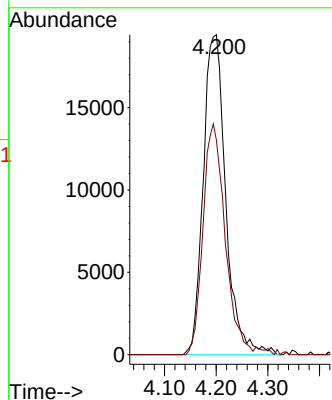
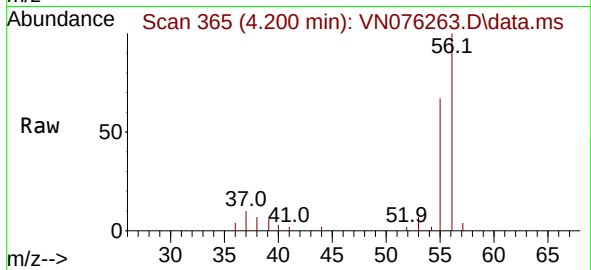
#13
Acrolein
Concen: 98.432 ug/l
RT: 4.200 min Scan# 365
Delta R.T. 0.012 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 5877
Ion Ratio Lower Upper
56 100
55 70.5 55.8 83.6

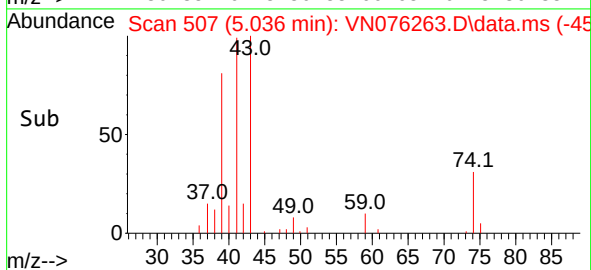
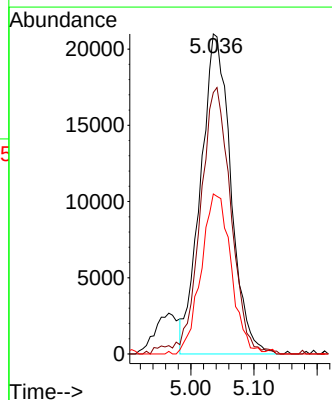
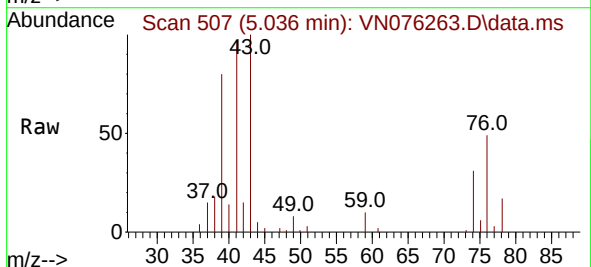
Manual Integrations
APPROVED

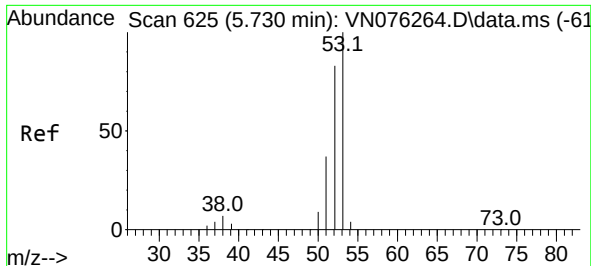
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#14
Allyl chloride
Concen: 19.155 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

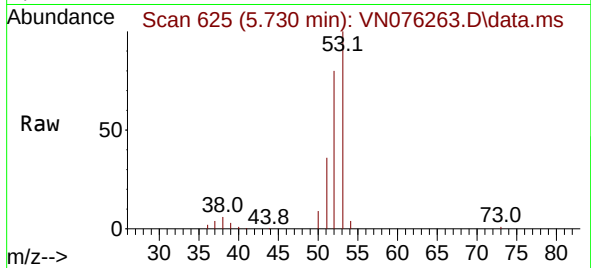
Tgt Ion: 41 Resp: 69646
Ion Ratio Lower Upper
41 100
39 84.9 67.4 101.0
76 49.6 39.8 59.8





#15
Acrylonitrile
Concen: 96.710 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

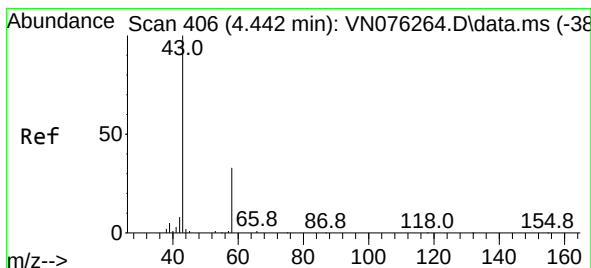
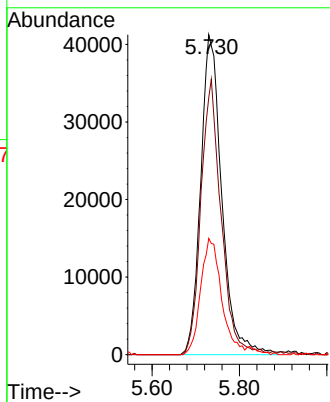
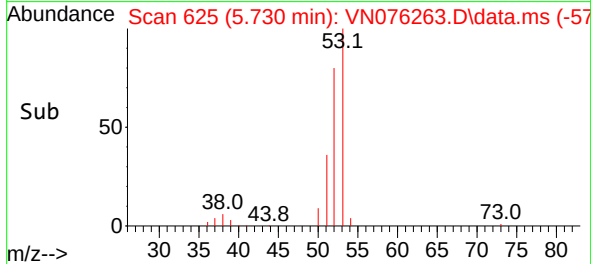
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



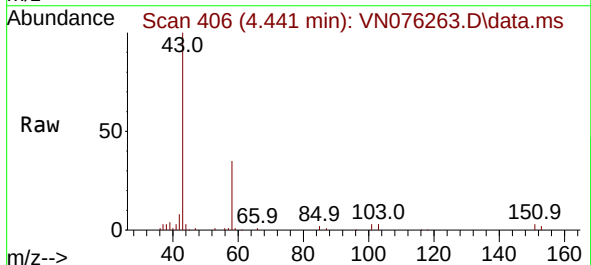
Tgt Ion: 53 Resp: 138844
Ion Ratio Lower Upper
53 100
52 82.1 64.7 97.1
51 35.8 29.2 43.8

Manual Integrations
APPROVED

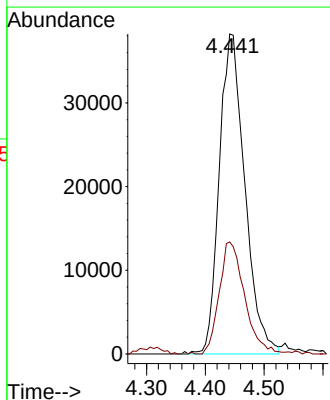
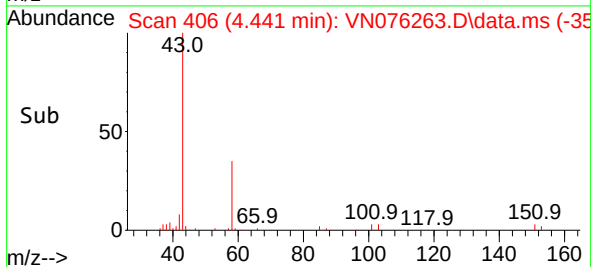
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

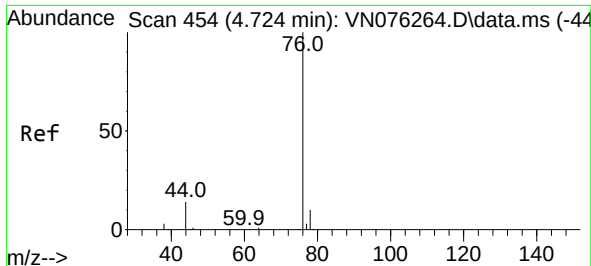


#16
Acetone
Concen: 93.637 ug/l
RT: 4.441 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42



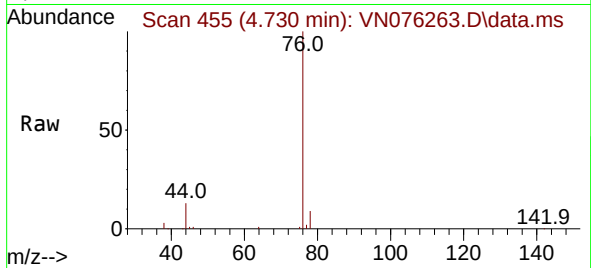
Tgt Ion: 43 Resp: 115561
Ion Ratio Lower Upper
43 100
58 35.0 26.7 40.1





#17
Carbon Disulfide
Concen: 19.500 ug/l
RT: 4.730 min Scan# 455
Delta R.T. 0.006 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

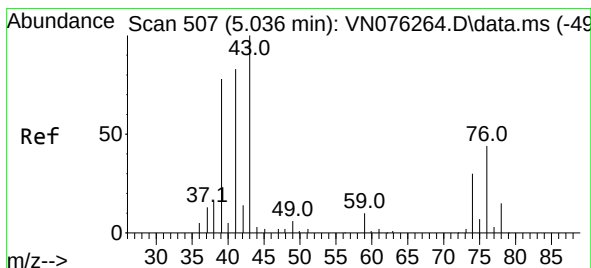
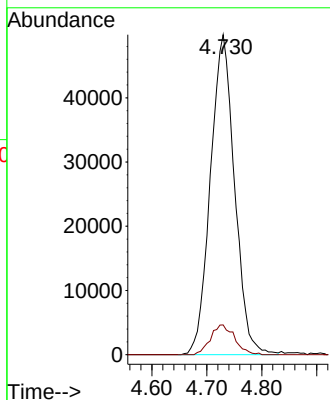
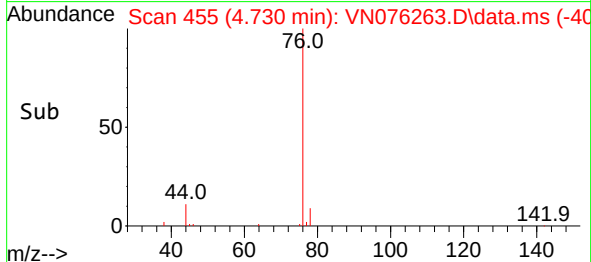
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 15213
Ion Ratio Lower Upper
76 100
78 9.3 8.0 12.0

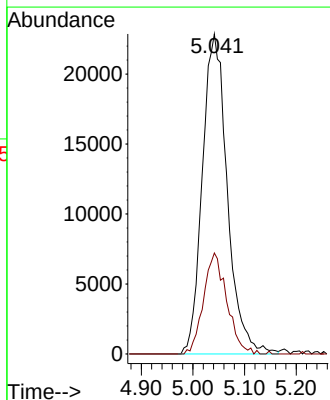
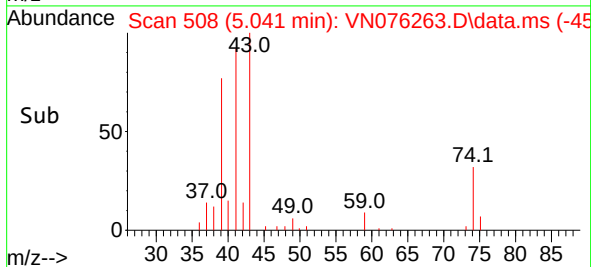
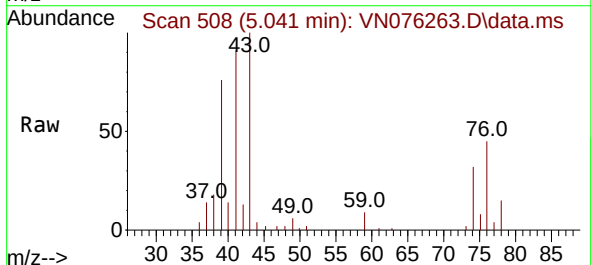
Manual Integrations
APPROVED

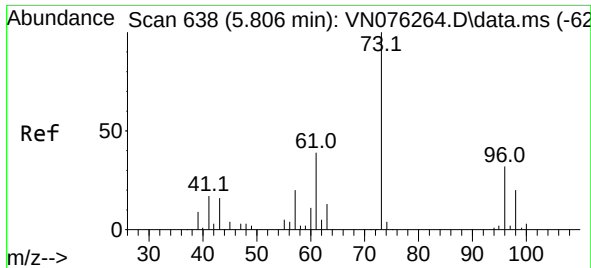
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#18
Methyl Acetate
Concen: 19.007 ug/l
RT: 5.041 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Tgt Ion: 43 Resp: 76599
Ion Ratio Lower Upper
43 100
74 29.5 23.3 34.9





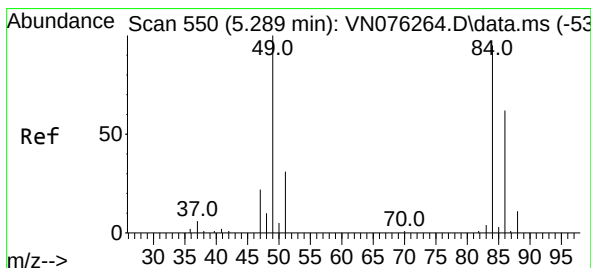
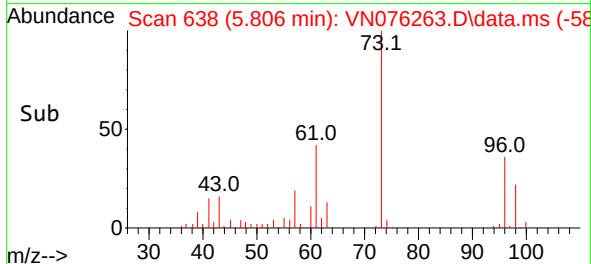
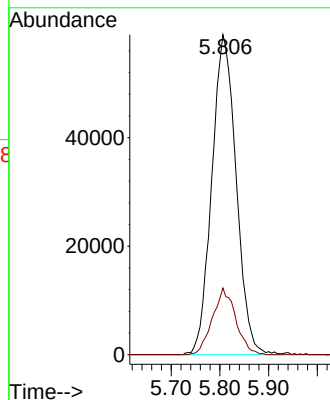
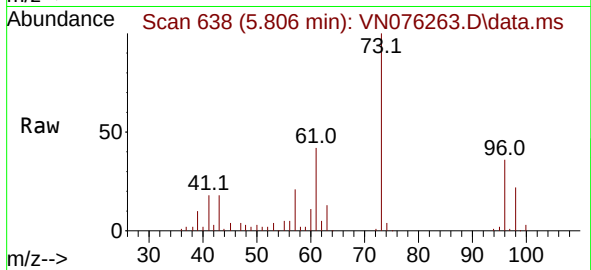
#19
Methyl tert-butyl Ether
Concen: 19.861 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 20490
Ion Ratio Lower Upper
73 100
57 20.8 15.9 23.9

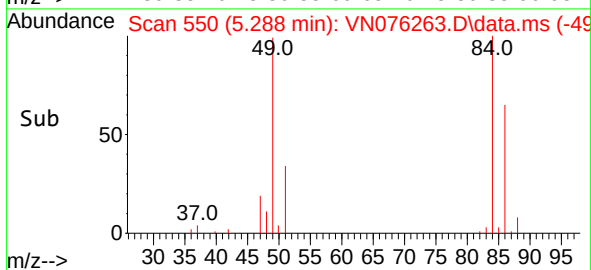
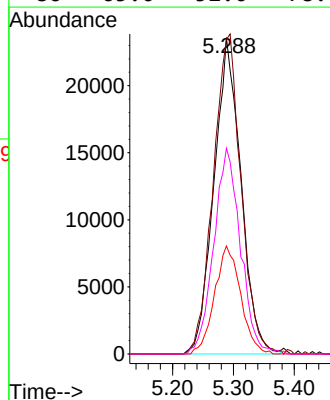
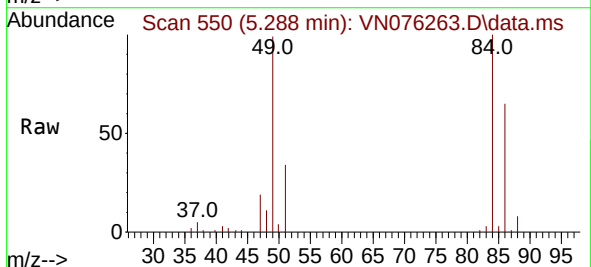
Manual Integrations
APPROVED

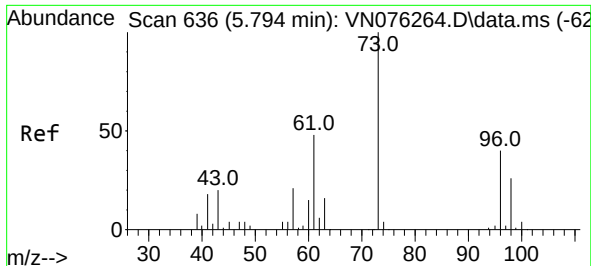
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#20
Methylene Chloride
Concen: 19.497 ug/l
RT: 5.288 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

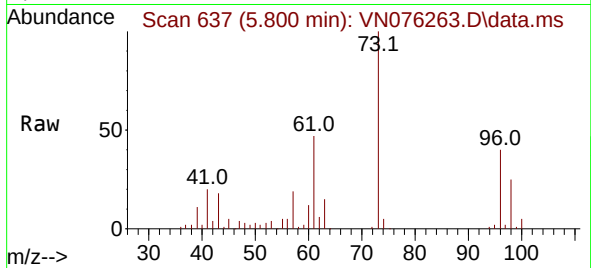
Tgt Ion: 84 Resp: 72411
Ion Ratio Lower Upper
84 100
49 99.5 84.5 126.7
51 34.1 26.0 39.0
86 65.0 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 19.449 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

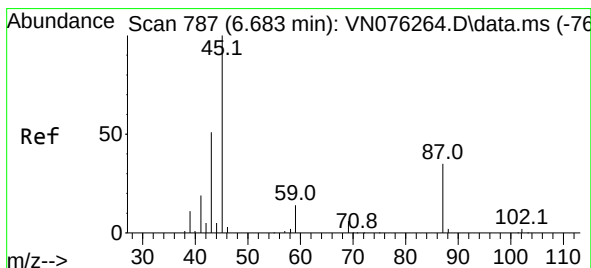
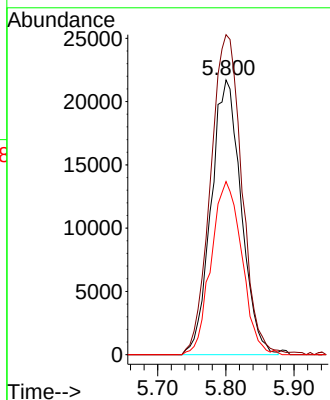
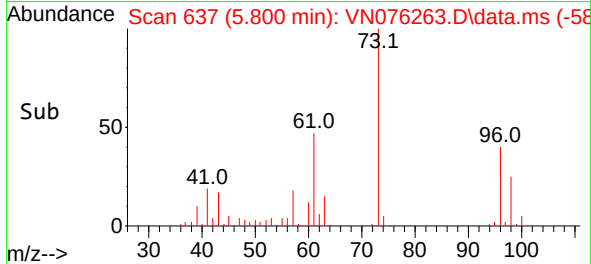
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 66652
Ion Ratio Lower Upper
96 100
61 116.5 97.0 145.4
98 63.0 51.9 77.9

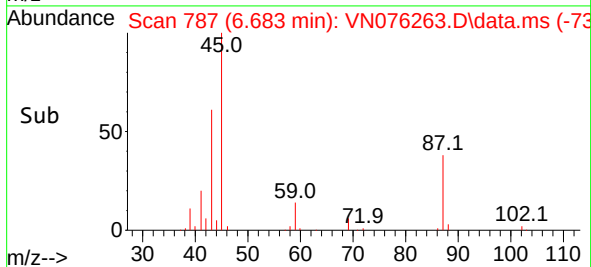
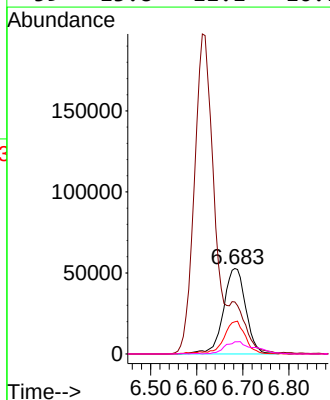
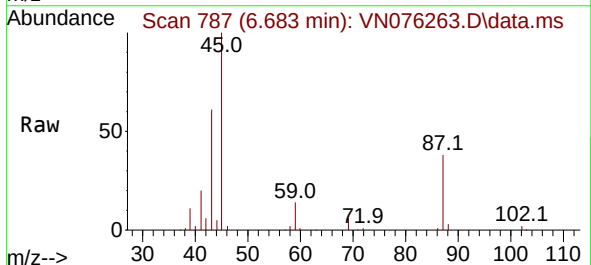
Manual Integrations
APPROVED

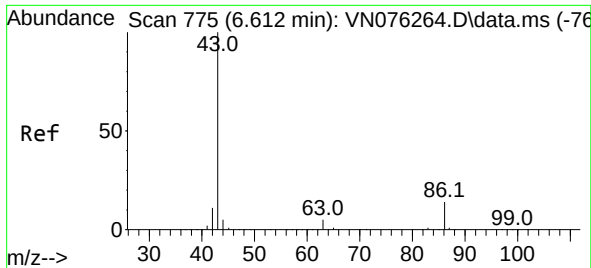
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#22
Diisopropyl ether
Concen: 19.936 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Tgt Ion: 45 Resp: 176596
Ion Ratio Lower Upper
45 100
43 59.4 44.4 66.6
87 37.6 28.4 42.6
59 13.8 11.1 16.7





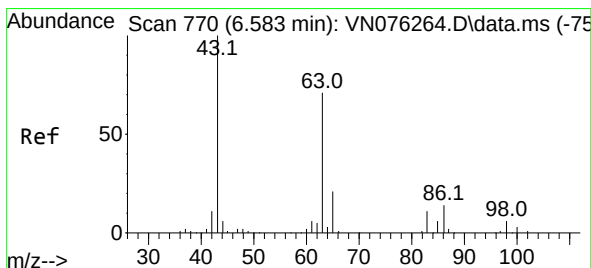
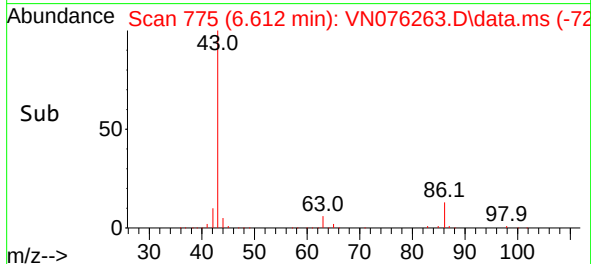
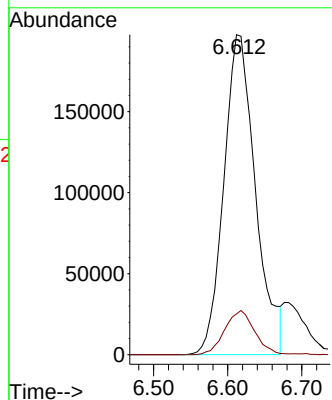
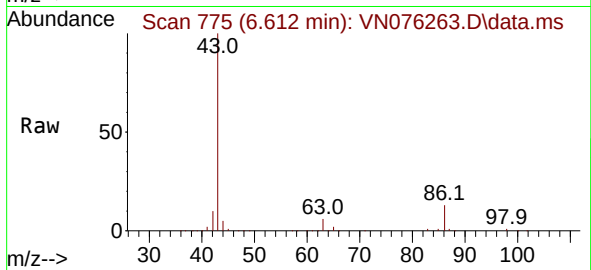
#23
 Vinyl Acetate
 Concen: 104.365 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN076263.D
 Acq: 16 Jan 2023 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Tgt Ion: 43 Resp: 58694
 Ion Ratio Lower Upper
 43 100
 86 12.8 11.2 16.8

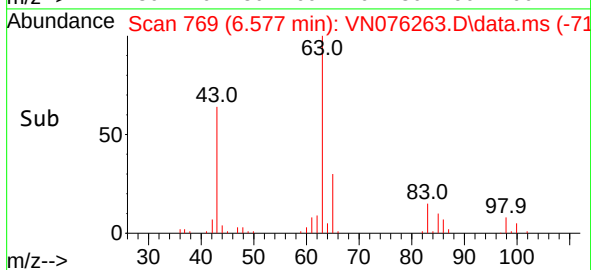
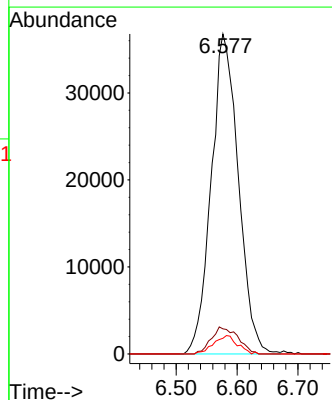
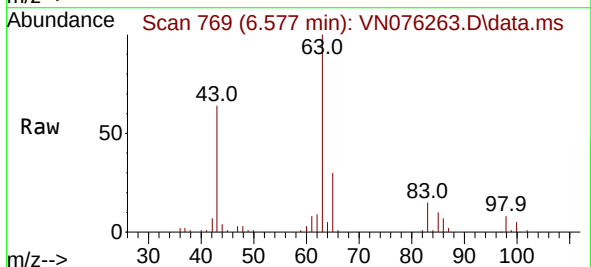
Manual Integrations
 APPROVED

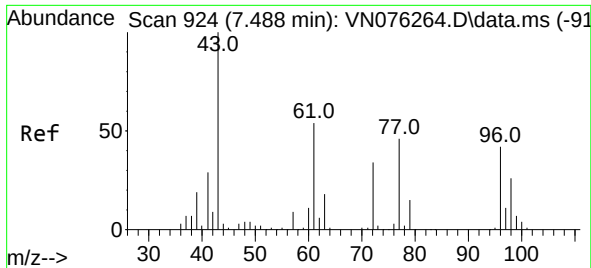
Reviewed By :John Carlone 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023



#24
 1,1-Dichloroethane
 Concen: 19.154 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VN076263.D
 Acq: 16 Jan 2023 11:42

Tgt Ion: 63 Resp: 113831
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.7
 100 4.9 2.2 6.6





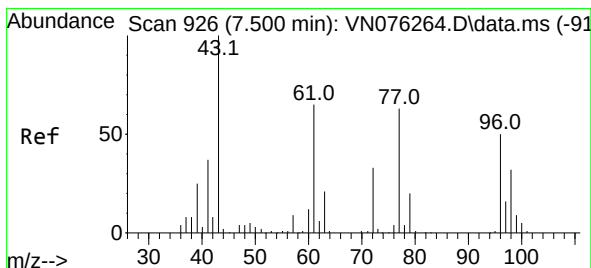
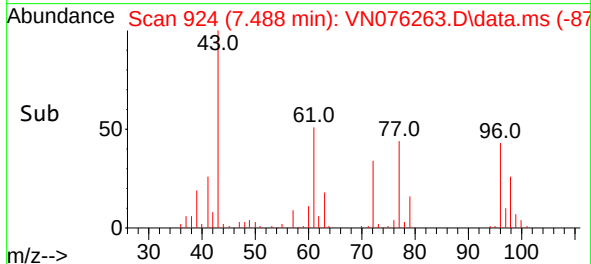
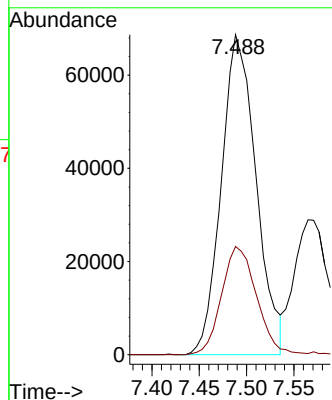
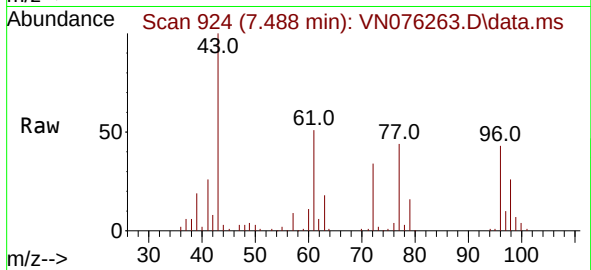
#25
2-Butanone
Concen: 97.729 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 17555
Ion Ratio Lower Upper
43 100
72 33.8 27.4 41.2

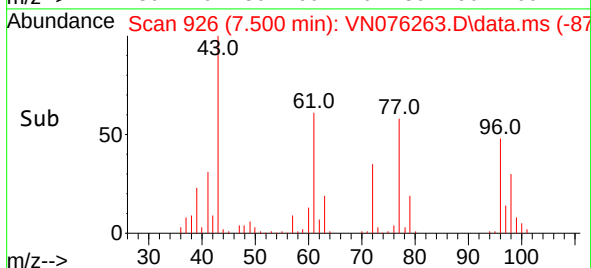
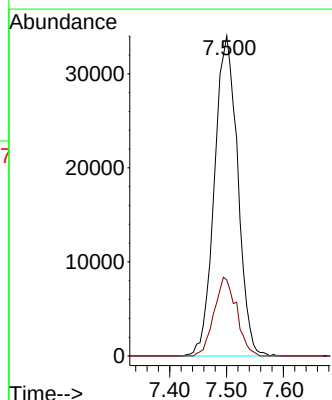
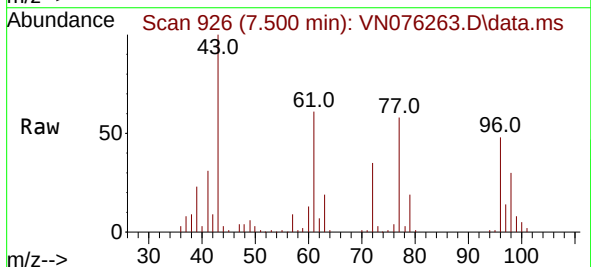
Manual Integrations
APPROVED

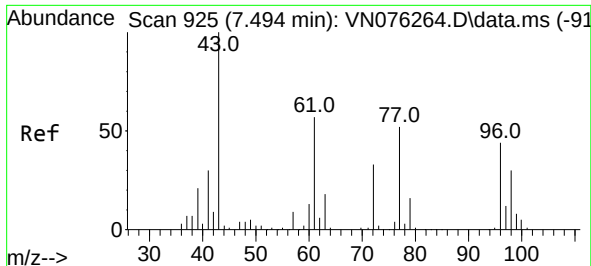
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#26
2,2-Dichloropropane
Concen: 19.045 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

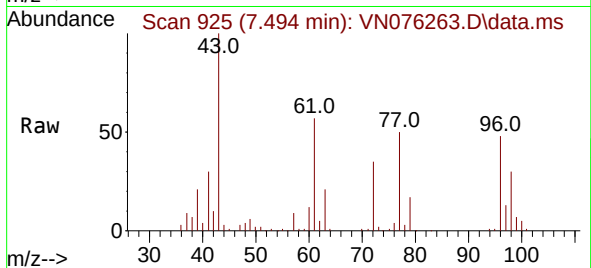
Tgt Ion: 77 Resp: 96641
Ion Ratio Lower Upper
77 100
97 23.9 11.8 35.4





#27
cis-1,2-Dichloroethene
Concen: 19.711 ug/l
RT: 7.494 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

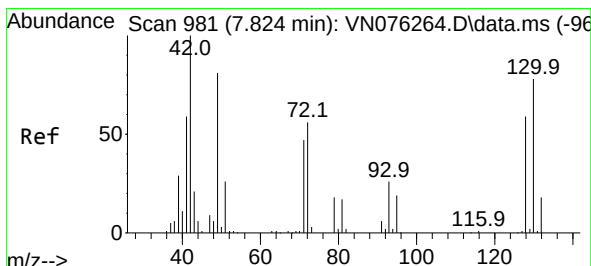
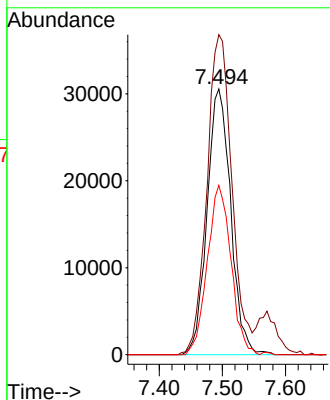
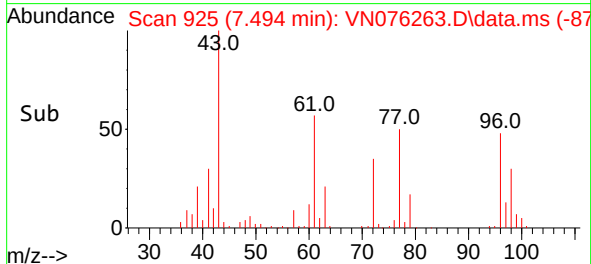
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 7961
Ion Ratio Lower Upper
96 100
61 126.9 0.0 259.6
98 63.5 0.0 129.4

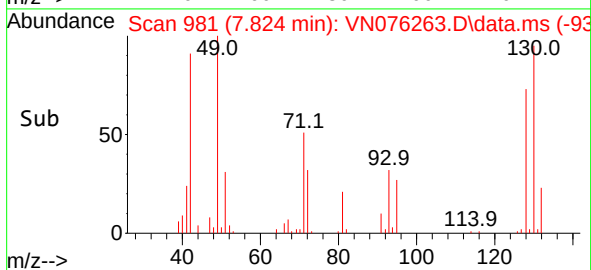
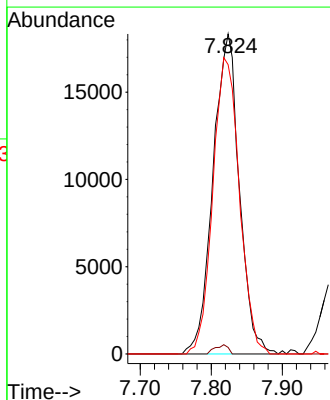
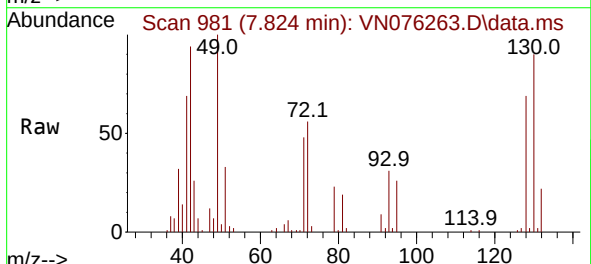
Manual Integrations
APPROVED

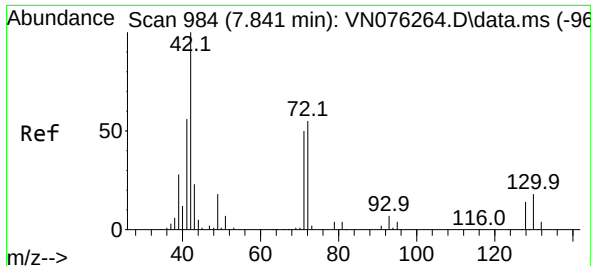
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#28
Bromochloromethane
Concen: 19.649 ug/l
RT: 7.824 min Scan# 981
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Tgt Ion: 49 Resp: 47125
Ion Ratio Lower Upper
49 100
129 1.4 0.0 5.2
130 93.5 76.0 114.0





#29

Tetrahydrofuran

Concen: 100.690 ug/l

RT: 7.841 min Scan# 984

Delta R.T. -0.000 min

Lab File: VN076263.D

Acq: 16 Jan 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 42 Resp: 11362

Ion Ratio Lower Upper

42 100

72 55.9 44.0 66.0

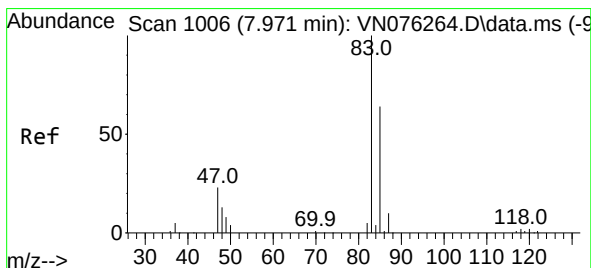
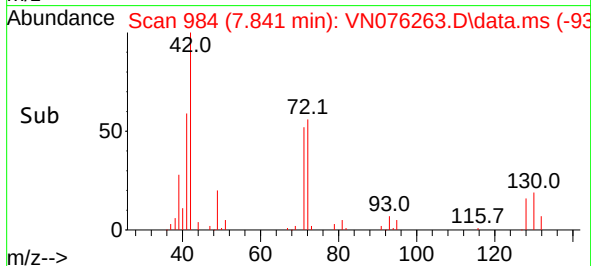
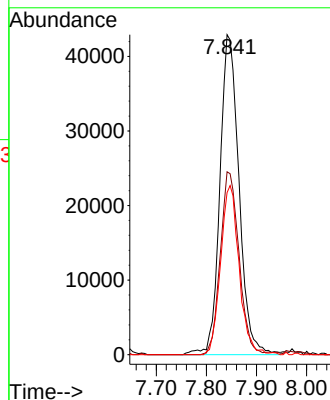
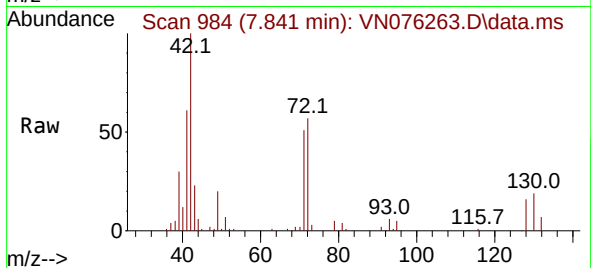
71 51.0 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#30

Chloroform

Concen: 18.769 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN076263.D

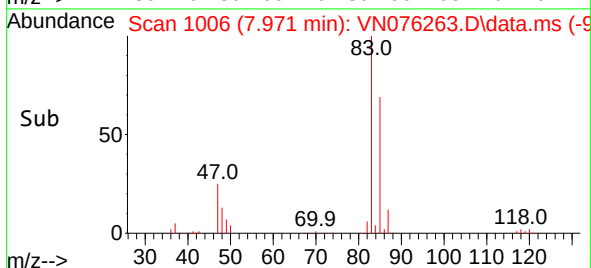
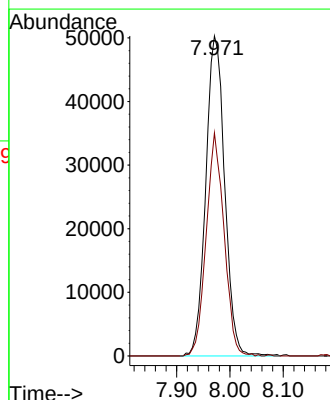
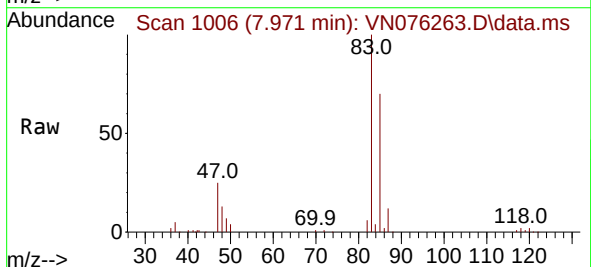
Acq: 16 Jan 2023 11:42

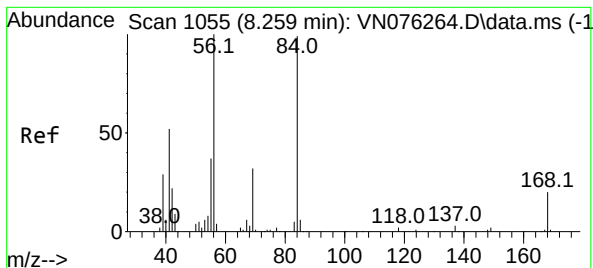
Tgt Ion: 83 Resp: 124094

Ion Ratio Lower Upper

83 100

85 69.7 51.0 76.6





#31

Cyclohexane

Concen: 19.383 ug/l

RT: 8.265 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN076263.D

Acq: 16 Jan 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 56 Resp: 11114

Ion Ratio Lower Upper

56 100

69 31.6 25.8 38.8

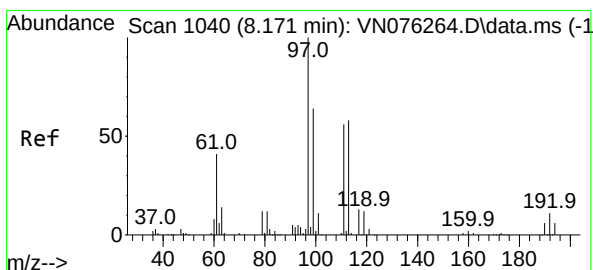
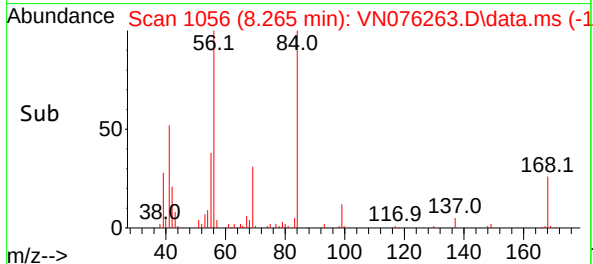
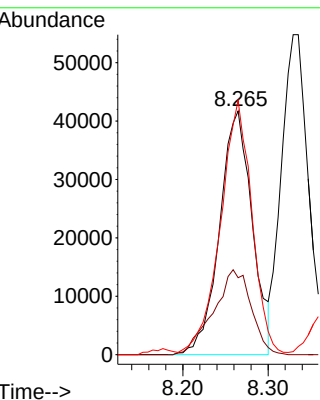
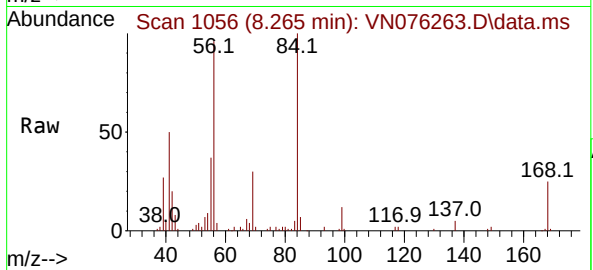
84 102.5 79.0 118.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#32

1,1,1-Trichloroethane

Concen: 19.697 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076263.D

Acq: 16 Jan 2023 11:42

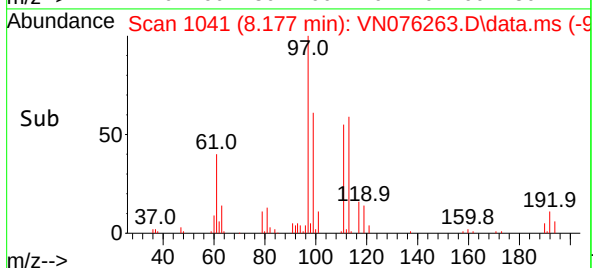
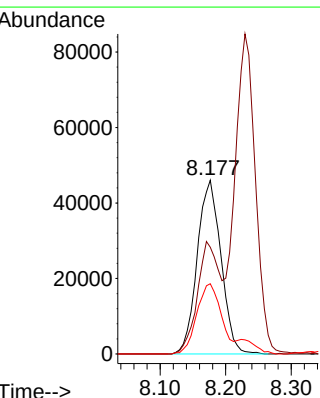
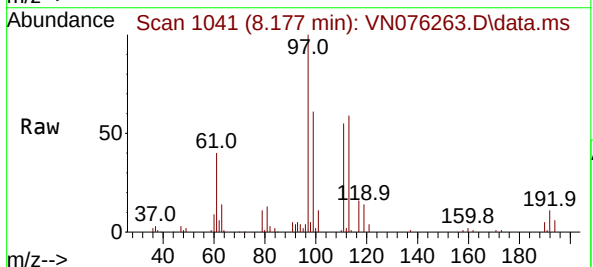
Tgt Ion: 97 Resp: 116028

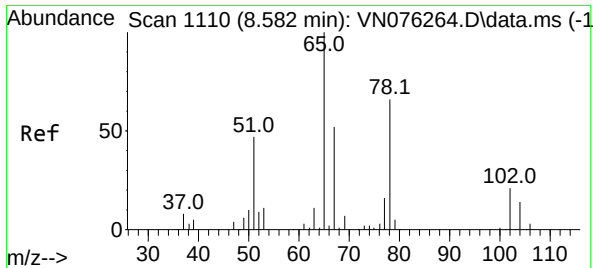
Ion Ratio Lower Upper

97 100

99 59.2 55.0 82.4

61 41.5 36.2 54.4





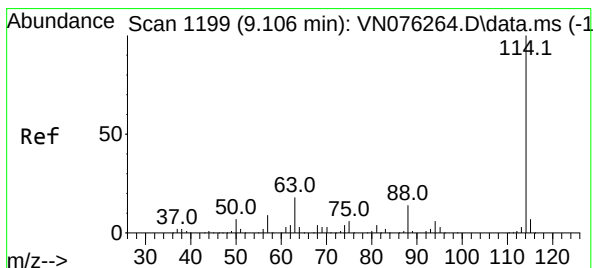
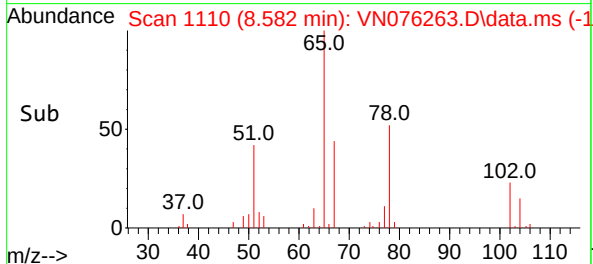
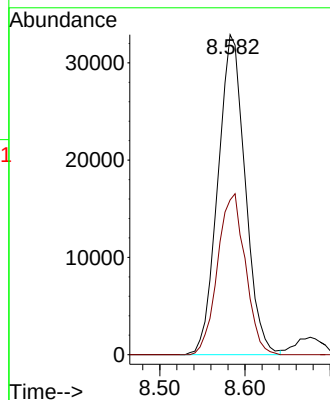
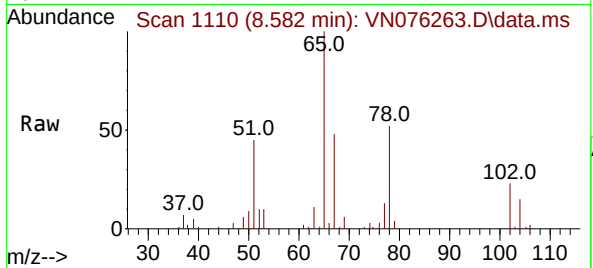
#33
1,2-Dichloroethane-d4
Concen: 19.627 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 65 Resp: 73264
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.6

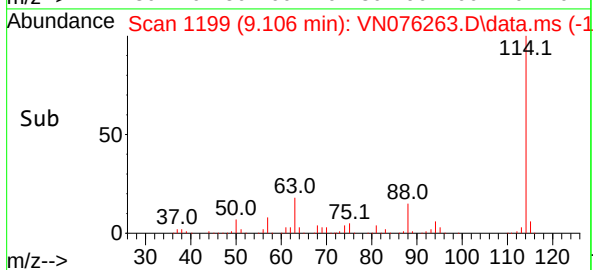
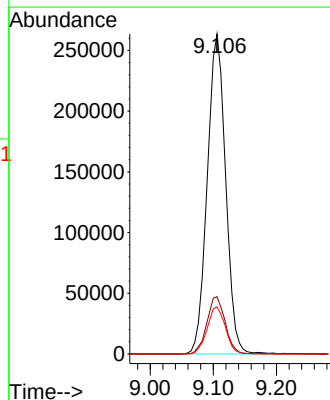
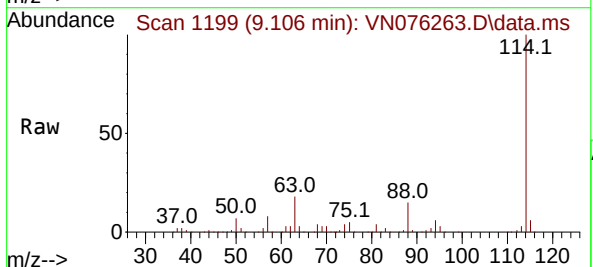
Manual Integrations
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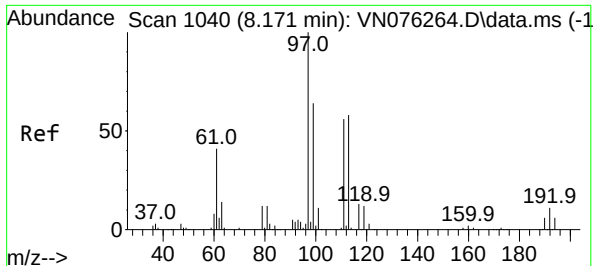
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Tgt Ion:114 Resp: 532805
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.8
88 14.8 0.0 28.0





#35

Dibromofluoromethane

Concen: 19.958 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076263.D

Acq: 16 Jan 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

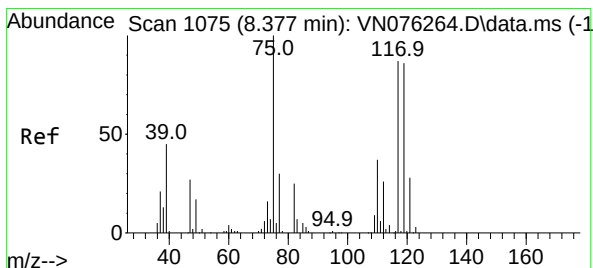
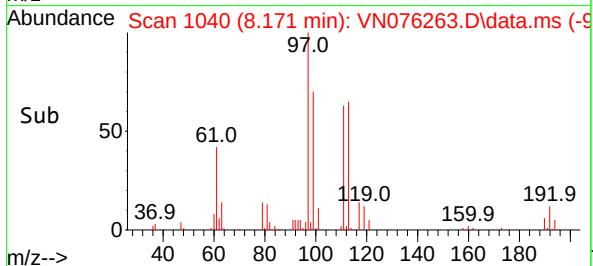
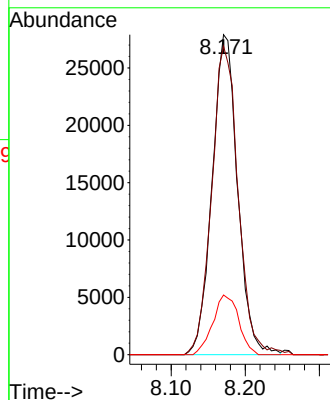
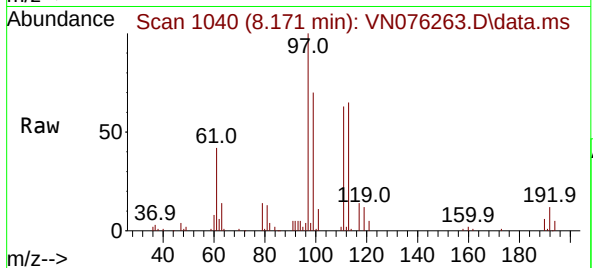
Tgt Ion:	113	Resp:	6651
Ion	Ratio	Lower	Upper
113	100		
111	100.3	82.7	124.1
192	18.9	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#36

1,1-Dichloropropene

Concen: 19.830 ug/l

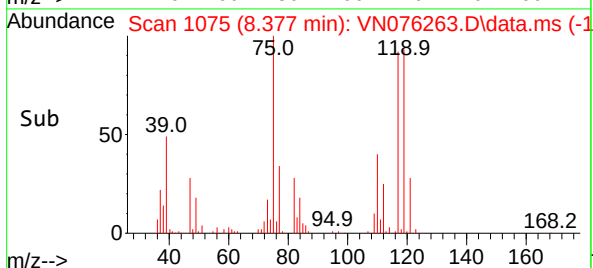
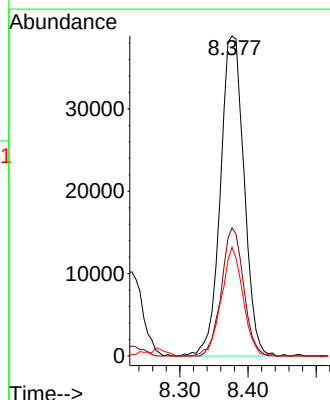
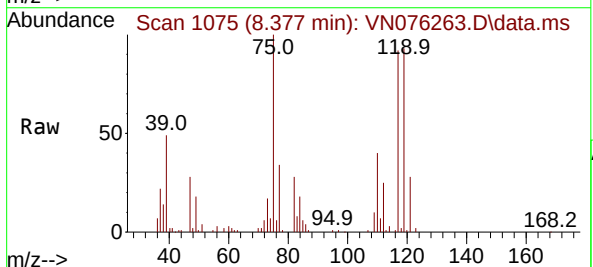
RT: 8.377 min Scan# 1075

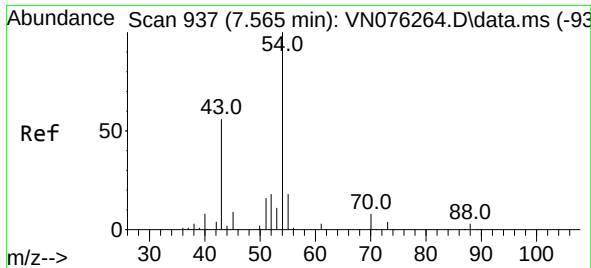
Delta R.T. -0.000 min

Lab File: VN076263.D

Acq: 16 Jan 2023 11:42

Tgt Ion:	75	Resp:	93699
Ion	Ratio	Lower	Upper
75	100		
110	37.5	18.8	56.3
77	31.3	25.0	37.4





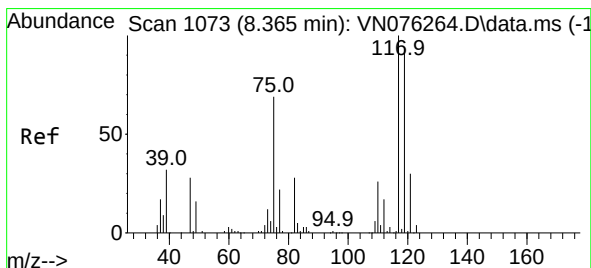
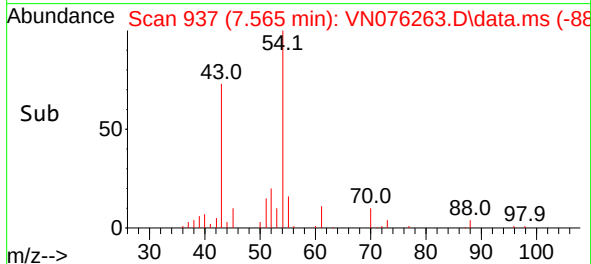
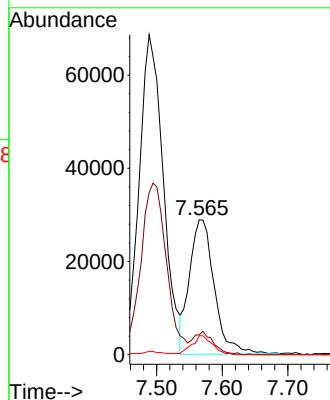
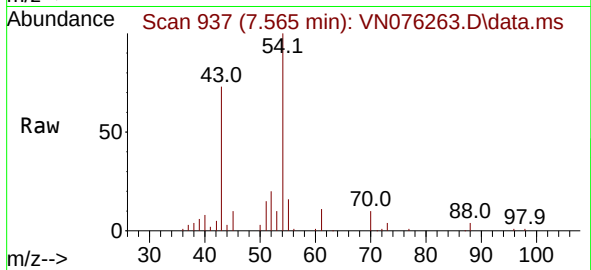
#37
Ethyl Acetate
Concen: 20.240 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 75898
Ion Ratio Lower Upper
43 100
61 14.0 11.1 16.7
70 11.8 10.0 15.0

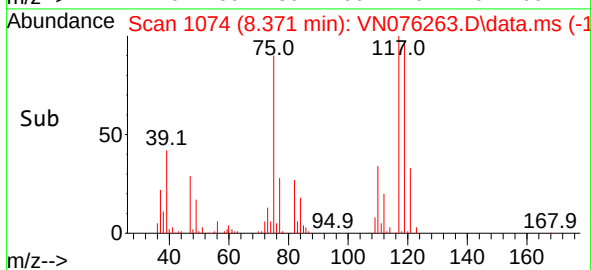
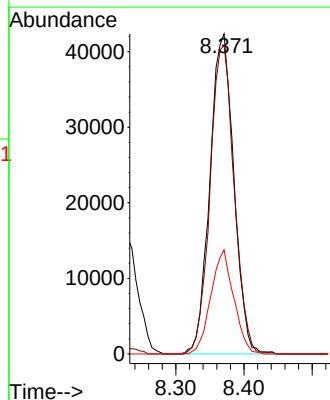
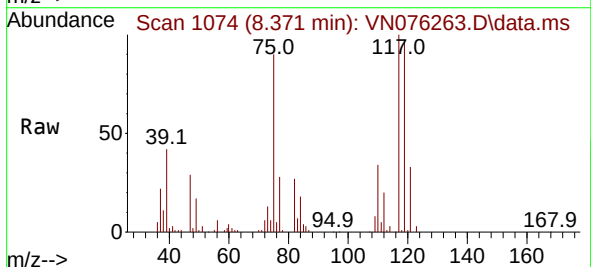
Manual Integrations
APPROVED

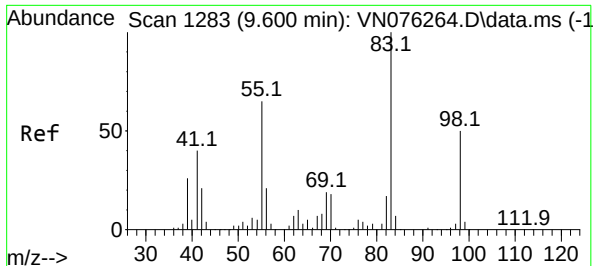
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#38
Carbon Tetrachloride
Concen: 19.682 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Tgt Ion:117 Resp: 103587
Ion Ratio Lower Upper
117 100
119 96.5 75.4 113.0
121 32.5 24.2 36.2





#39

Methylcyclohexane

Concen: 20.759 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.006 min

Lab File: VN076263.D

Acq: 16 Jan 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 11864

Ion Ratio Lower Upper

83 100

55 66.6 51.7 77.5

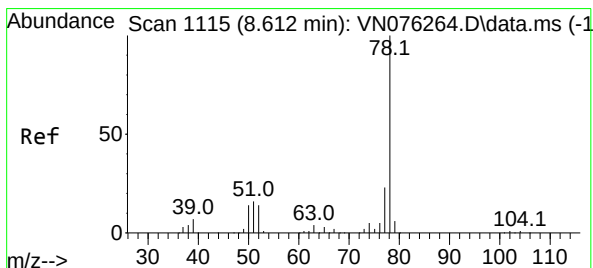
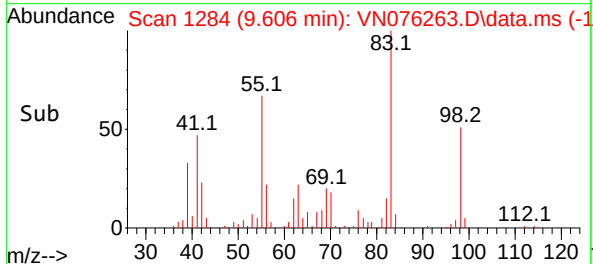
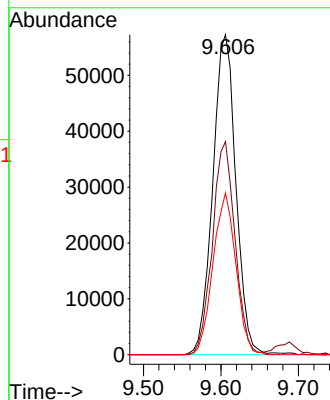
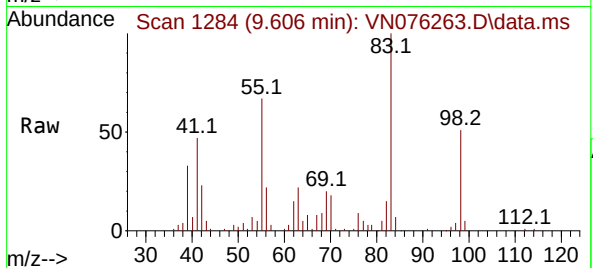
98 50.5 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#40

Benzene

Concen: 19.928 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076263.D

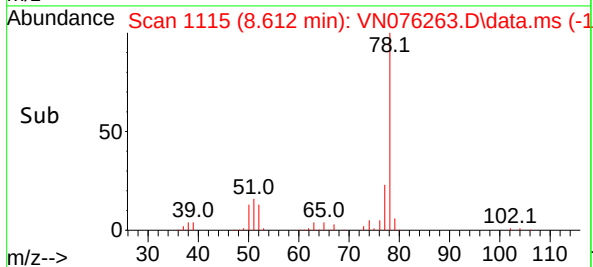
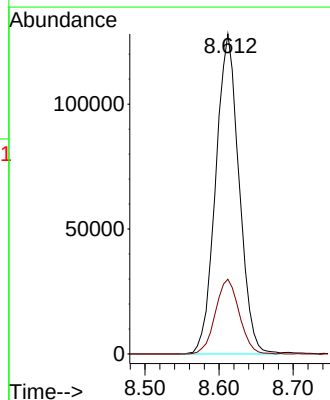
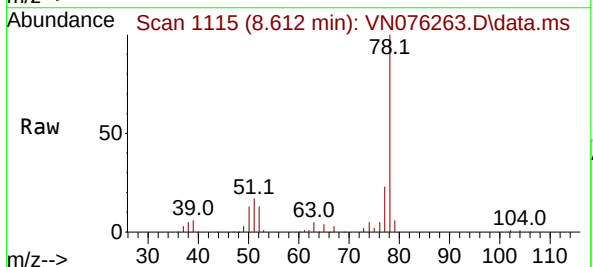
Acq: 16 Jan 2023 11:42

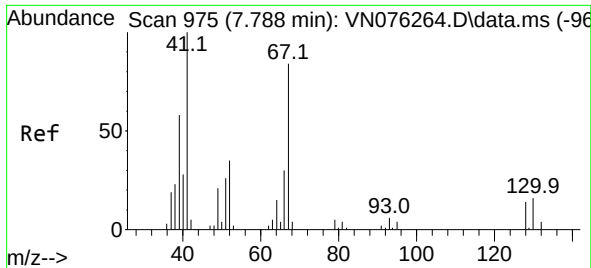
Tgt Ion: 78 Resp: 280396

Ion Ratio Lower Upper

78 100

77 23.4 18.6 28.0





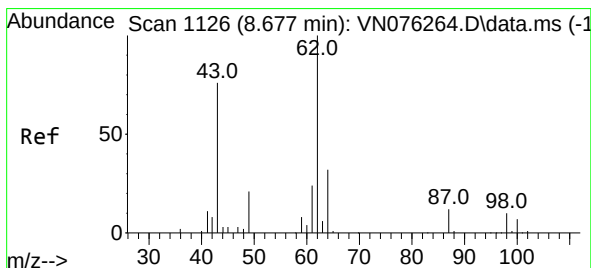
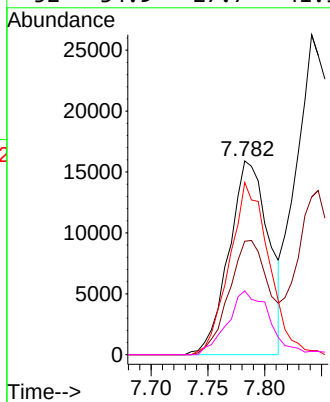
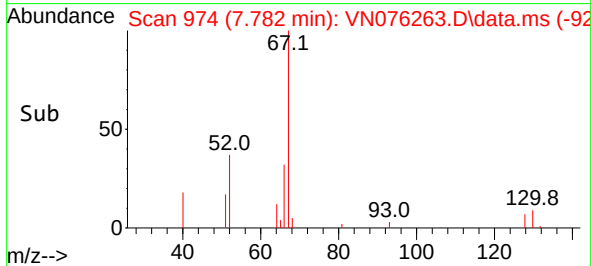
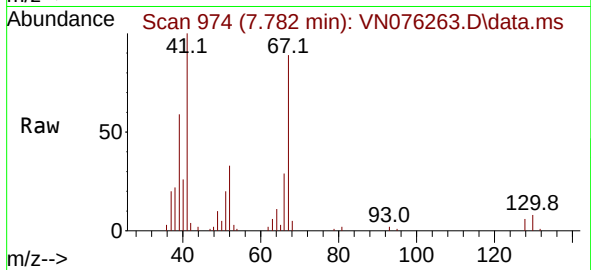
#41
Methacrylonitrile
Concen: 20.035 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 41	Resp: 3870
Ion Ratio	Lower Upper
41 100	
39 58.8	42.4 63.6
67 88.1	68.8 103.2
52 34.9	27.7 41.5

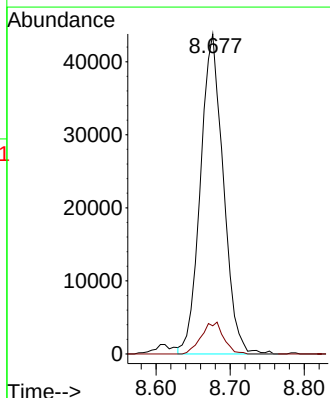
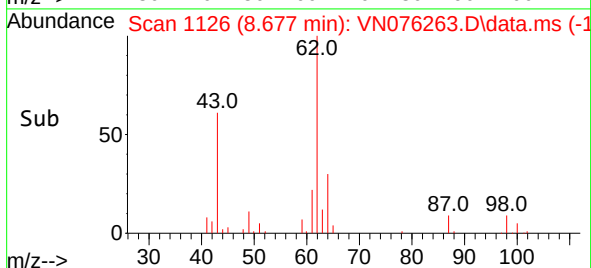
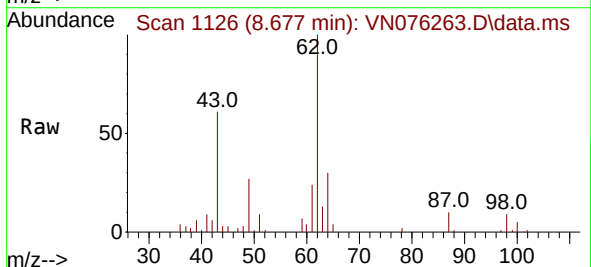
Manual Integrations
APPROVED

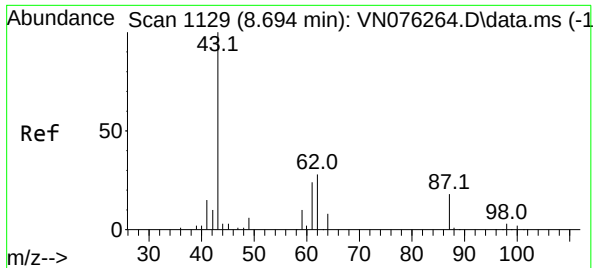
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#42
1,2-Dichloroethane
Concen: 19.422 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Tgt Ion: 62	Resp: 93910
Ion Ratio	Lower Upper
62 100	
98 9.7	0.0 20.4





#43

Isopropyl Acetate

Concen: 14.791 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN076263.D

Acq: 16 Jan 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 120210

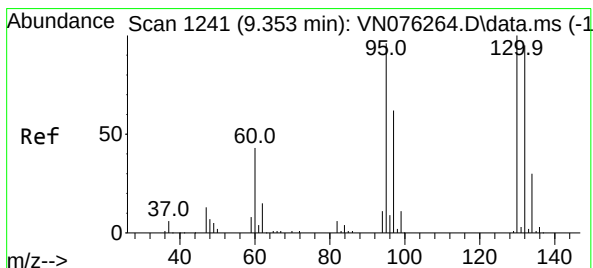
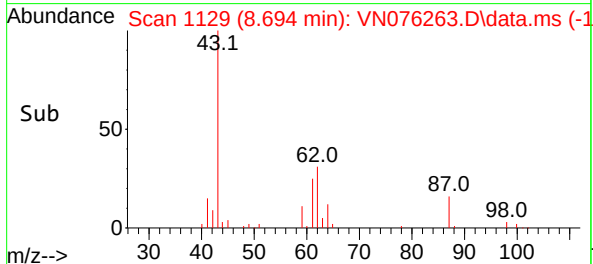
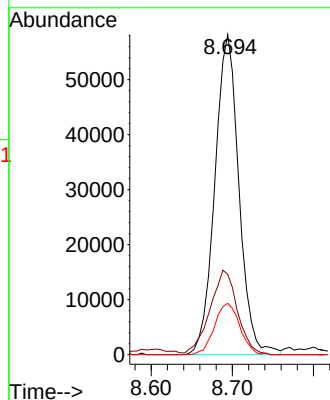
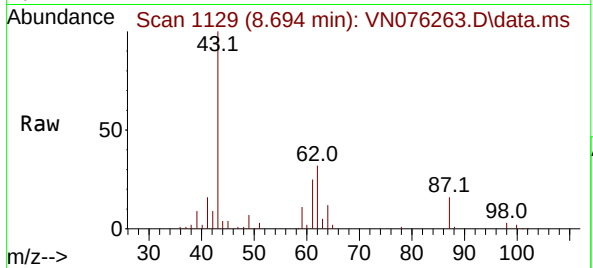
Ion	Ratio	Lower	Upper
43	100		
61	30.1	23.5	35.3
87	16.8	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#44

Trichloroethene

Concen: 19.108 ug/l

RT: 9.359 min Scan# 1242

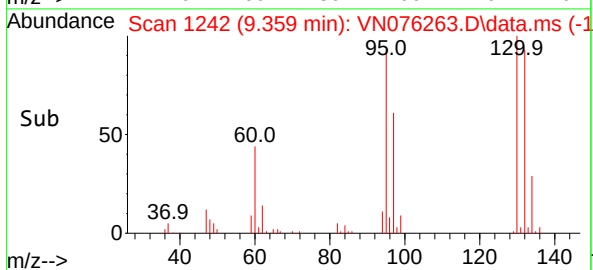
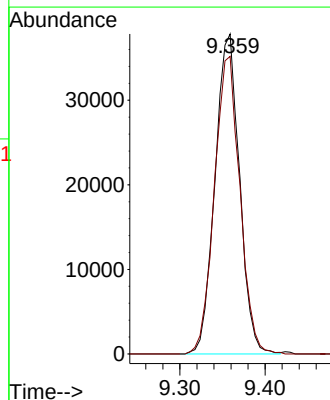
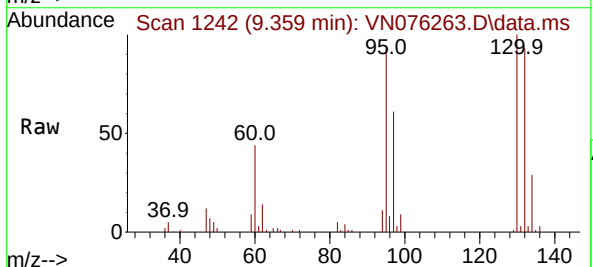
Delta R.T. 0.006 min

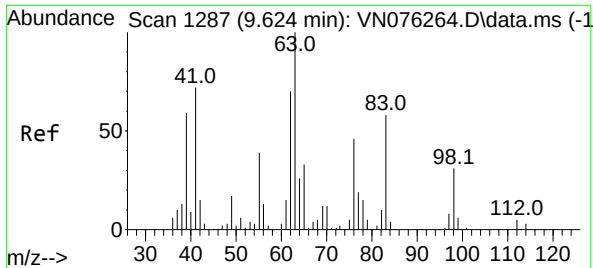
Lab File: VN076263.D

Acq: 16 Jan 2023 11:42

Tgt Ion:130 Resp: 75515

Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	192.0





#45

1,2-Dichloropropane

Concen: 19.798 ug/l

RT: 9.623 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076263.D

Acq: 16 Jan 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 6683

Ion Ratio Lower Upper

63 100

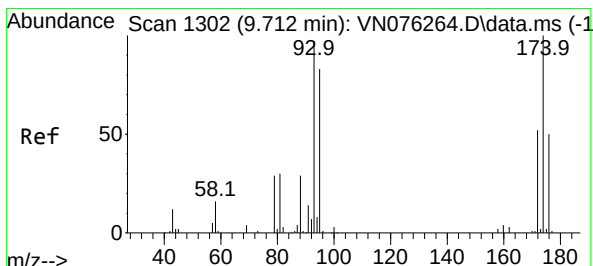
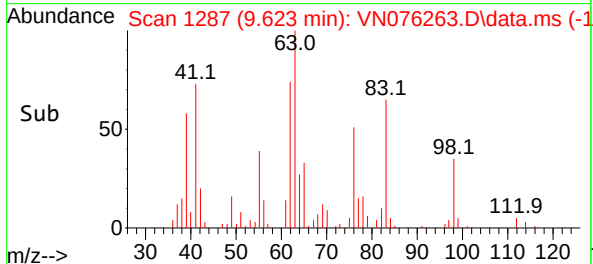
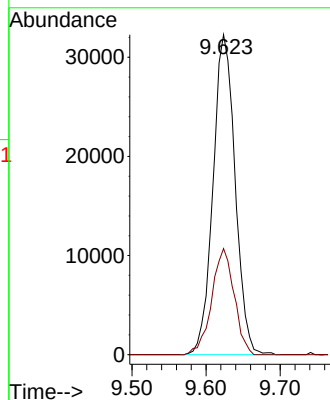
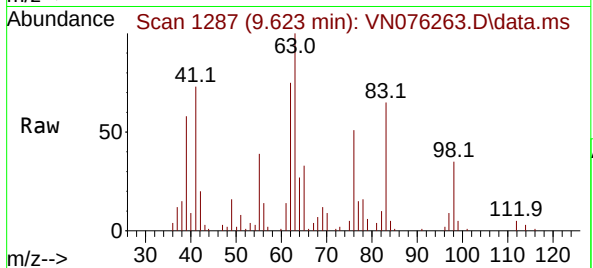
65 33.1 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#46

Dibromomethane

Concen: 19.526 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076263.D

Acq: 16 Jan 2023 11:42

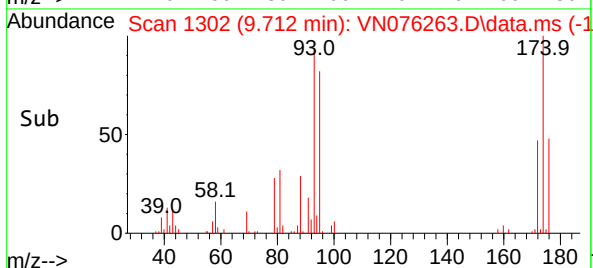
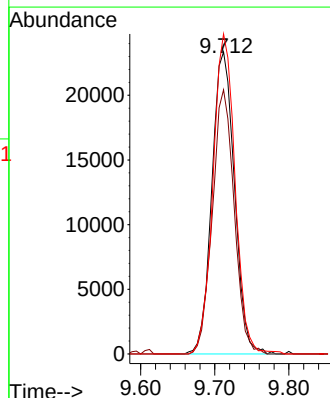
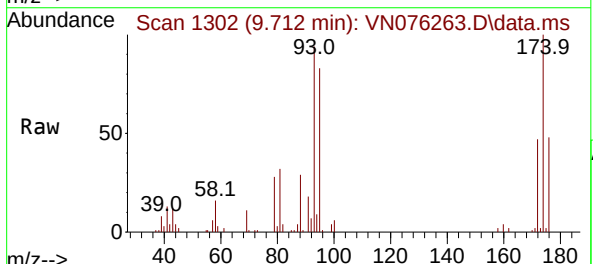
Tgt Ion: 93 Resp: 49419

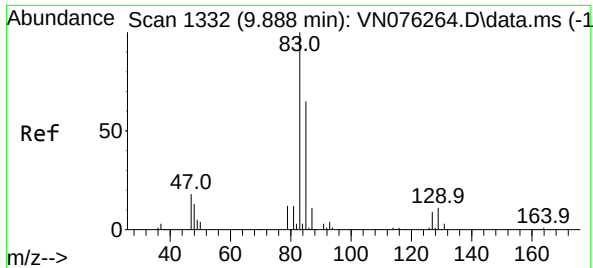
Ion Ratio Lower Upper

93 100

95 84.4 66.0 99.0

174 103.5 81.3 121.9





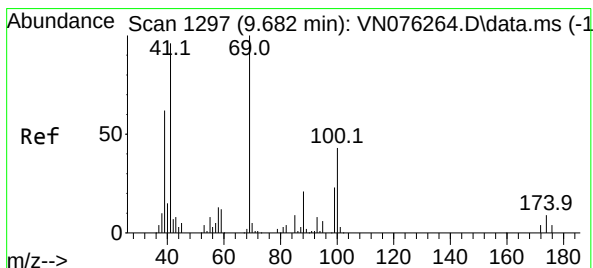
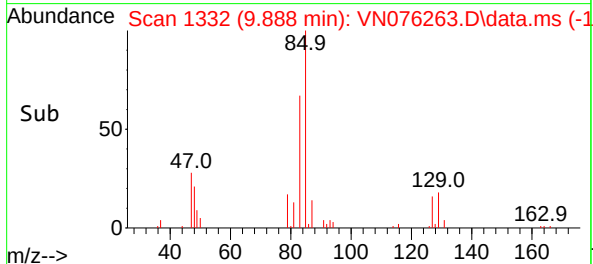
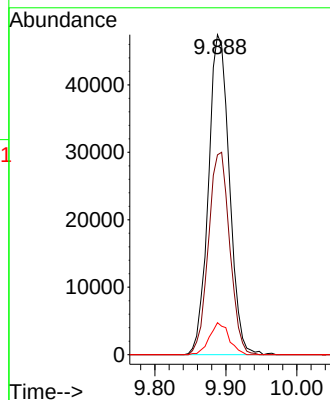
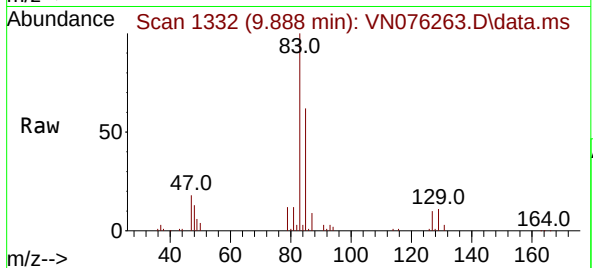
#47
Bromodichloromethane
Concen: 19.838 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 97172
Ion Ratio Lower Upper
83 100
85 62.4 52.1 78.1
127 10.0 7.4 11.0

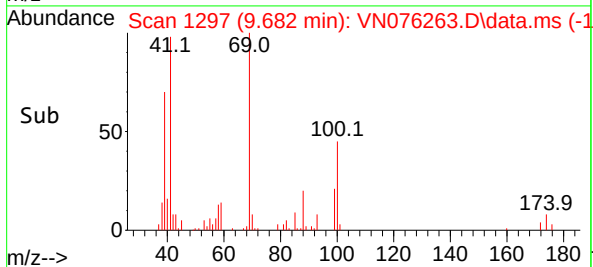
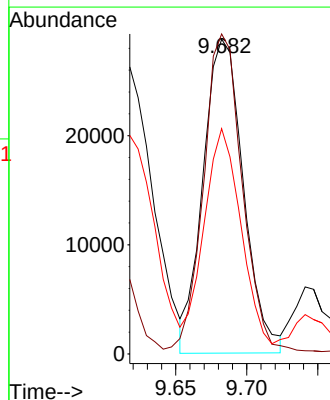
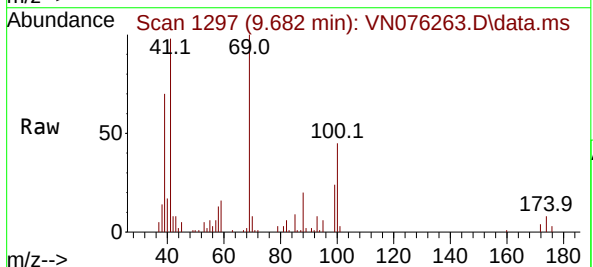
Manual Integrations
APPROVED

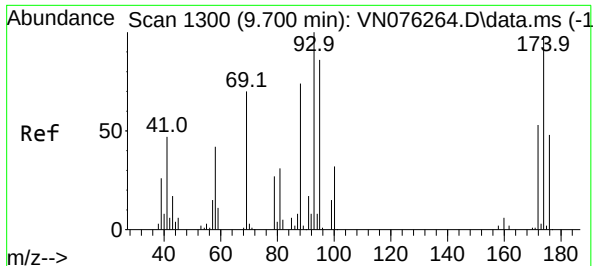
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#48
Methyl methacrylate
Concen: 20.225 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Tgt Ion: 41 Resp: 56694
Ion Ratio Lower Upper
41 100
69 99.5 80.8 121.2
39 67.7 54.4 81.6





#49

1,4-Dioxane

Concen: 397.983 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN076263.D

Acq: 16 Jan 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 24139

Ion Ratio Lower Upper

88 100

43 25.4 18.1 27.1

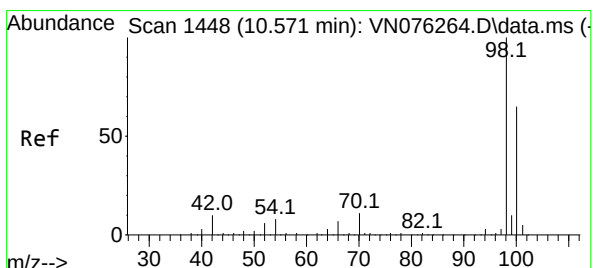
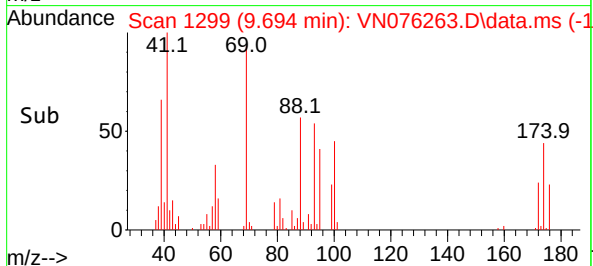
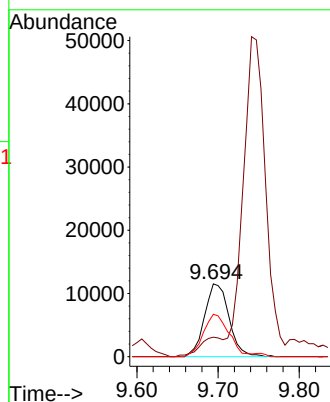
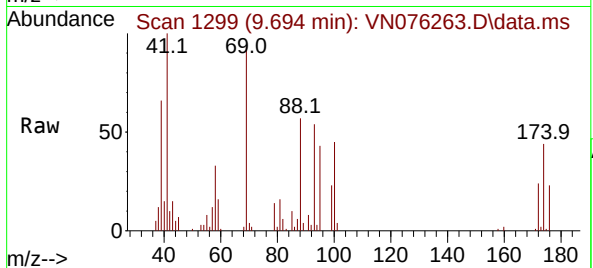
58 60.8 46.5 69.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#50

Toluene-d8

Concen: 19.935 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076263.D

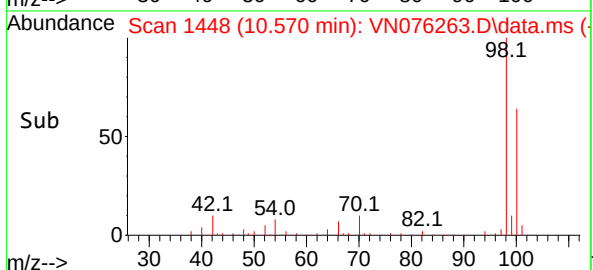
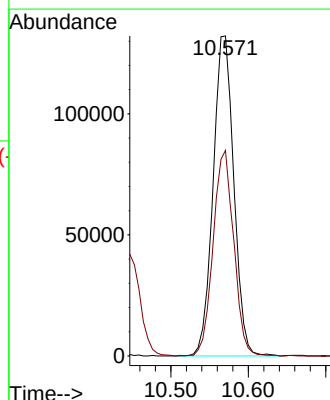
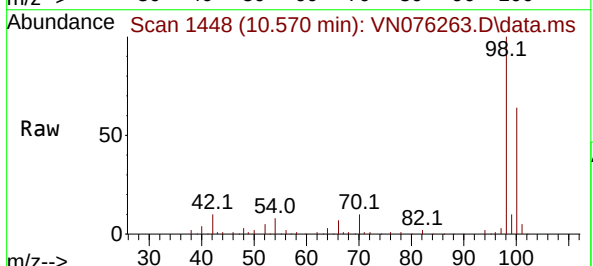
Acq: 16 Jan 2023 11:42

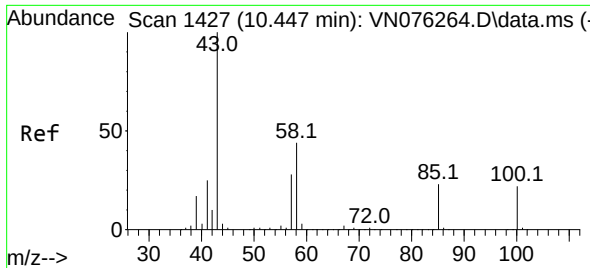
Tgt Ion: 98 Resp: 245379

Ion Ratio Lower Upper

98 100

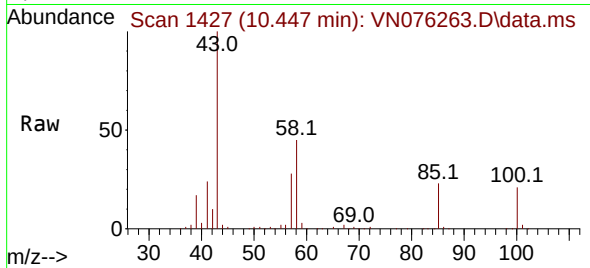
100 64.0 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 100.808 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

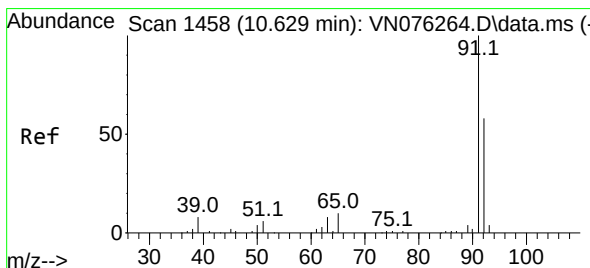
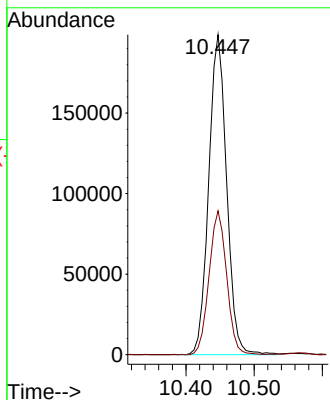
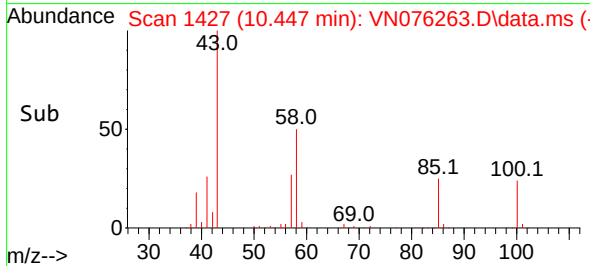
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 36311
Ion Ratio Lower Upper
43 100
58 44.1 35.1 52.7

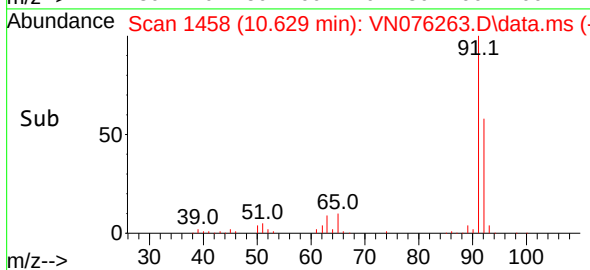
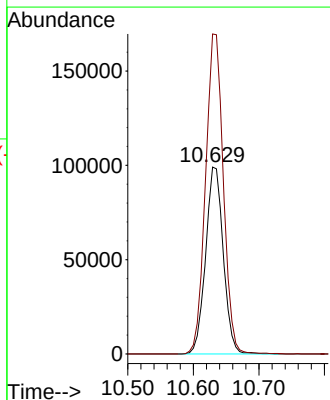
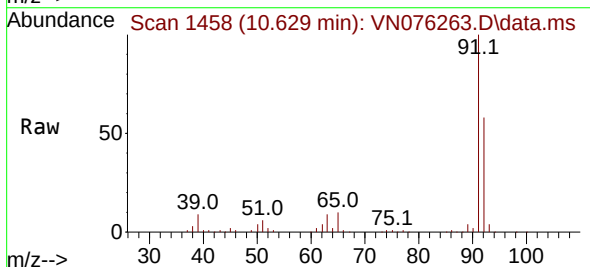
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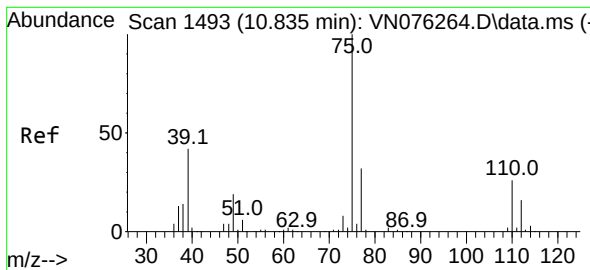
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#52
Toluene
Concen: 19.960 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Tgt Ion: 92 Resp: 185436
Ion Ratio Lower Upper
92 100
91 172.6 136.6 205.0





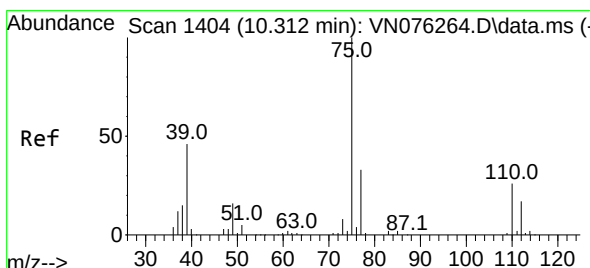
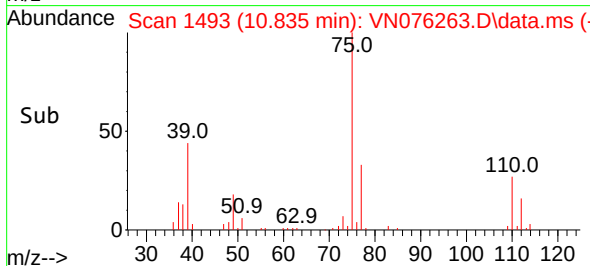
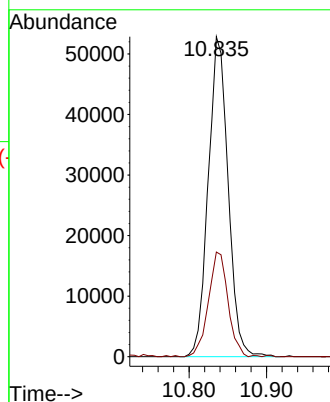
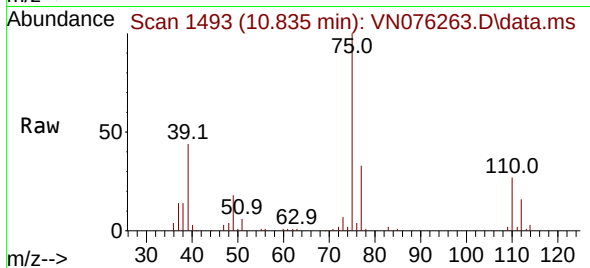
#53
 t-1,3-Dichloropropene
 Concen: 20.132 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.000 min
 Lab File: VN076263.D
 Acq: 16 Jan 2023 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion: 75 Resp: 94115
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.8 38.6

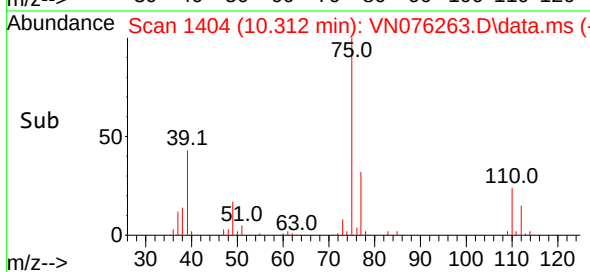
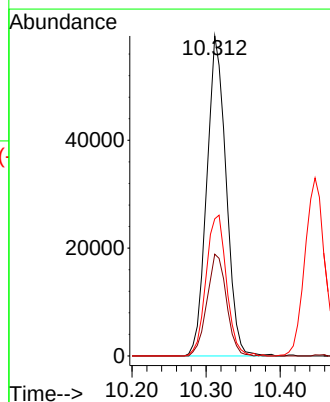
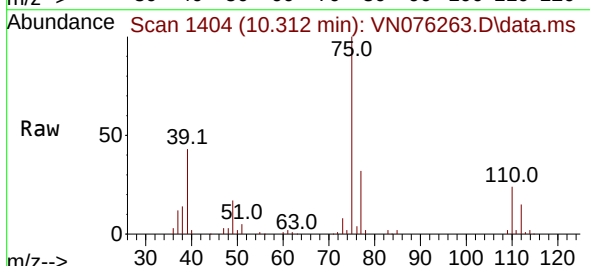
Manual Integrations
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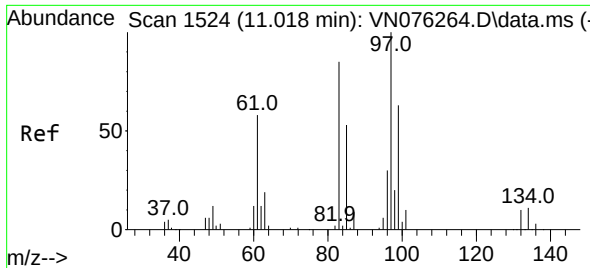
Reviewed By :John Carlone 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023



#54
 cis-1,3-Dichloropropene
 Concen: 20.256 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.000 min
 Lab File: VN076263.D
 Acq: 16 Jan 2023 11:42

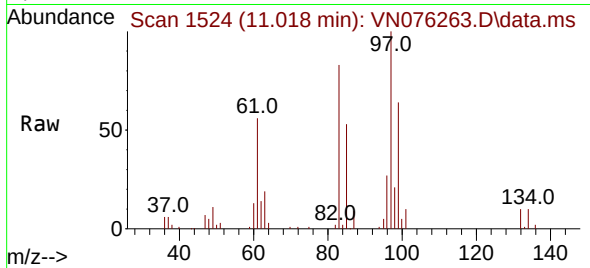
Tgt Ion: 75 Resp: 107692
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.5 39.7
 39 42.8 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 19.905 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

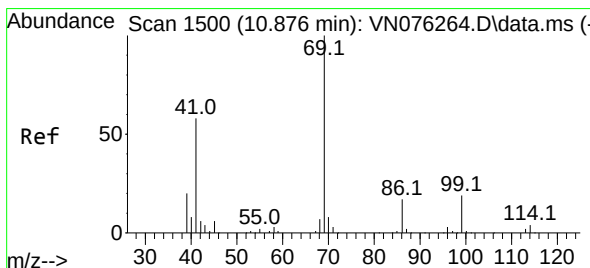
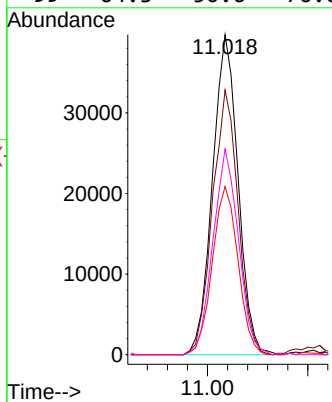
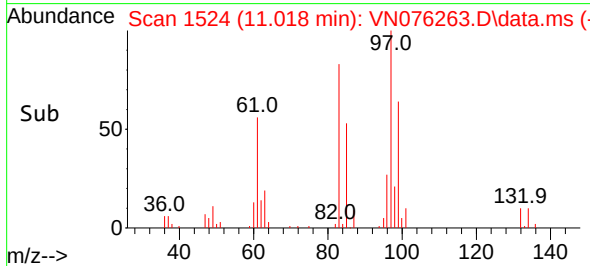


Tgt Ion: 97 Resp: 70284

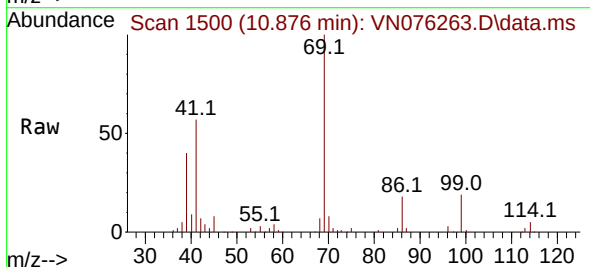
Ion	Ratio	Lower	Upper
97	100		
83	82.7	67.8	101.6
85	52.6	42.3	63.5
99	64.3	50.6	76.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

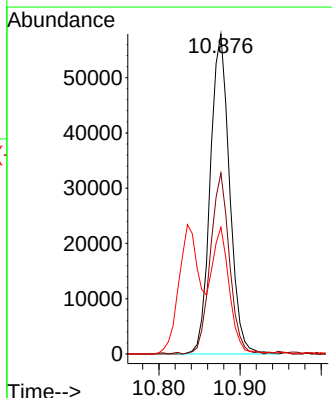
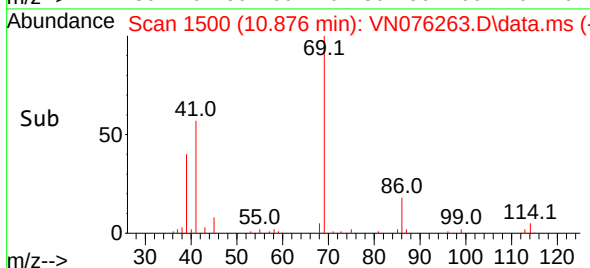


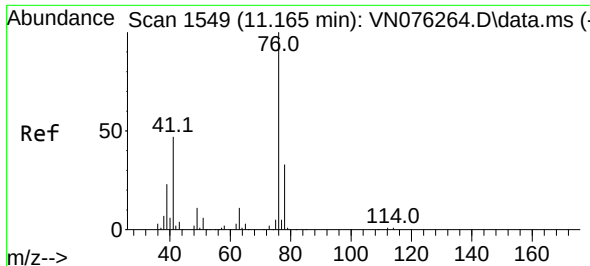
#56
Ethyl methacrylate
Concen: 20.700 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42



Tgt Ion: 69 Resp: 95501

Ion	Ratio	Lower	Upper
69	100		
41	55.9	45.3	67.9
39	34.5	29.3	43.9





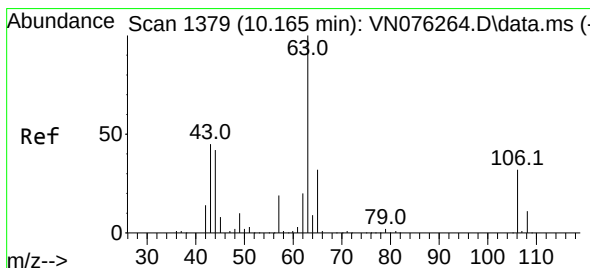
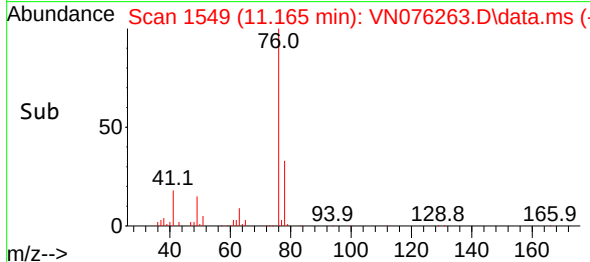
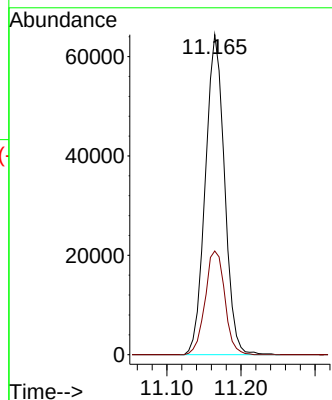
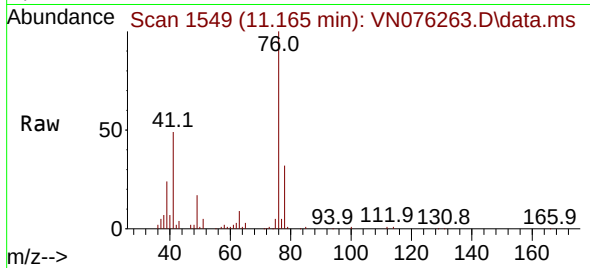
#57
1,3-Dichloropropane
Concen: 20.276 ug/l
RT: 11.165 min Scan# 11562
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 11562
Ion Ratio Lower Upper
76 100
78 33.2 26.4 39.6

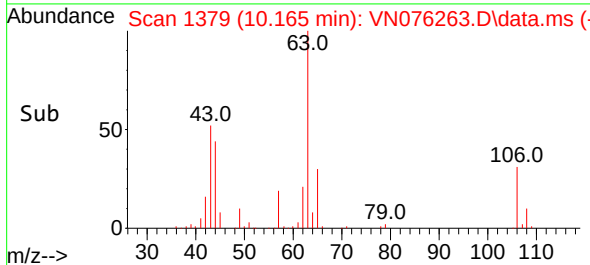
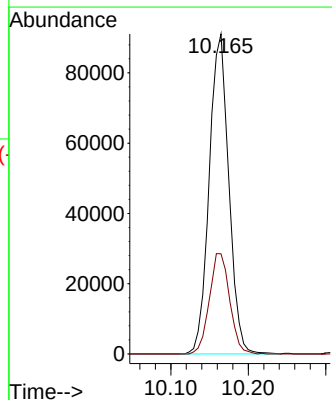
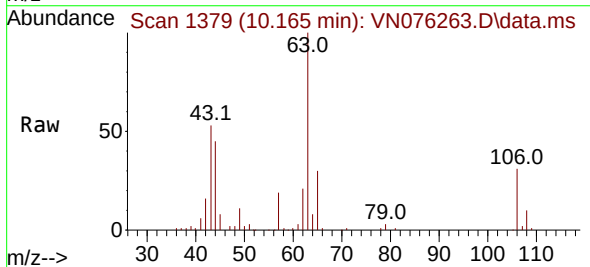
Manual Integrations
APPROVED

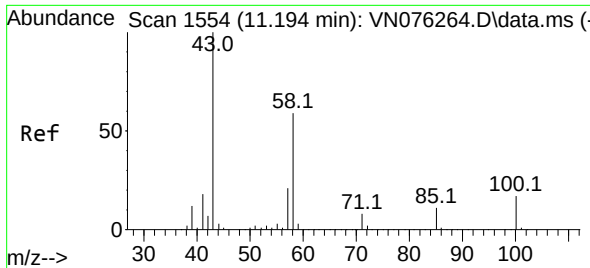
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#58
2-Chloroethyl Vinyl ether
Concen: 103.241 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

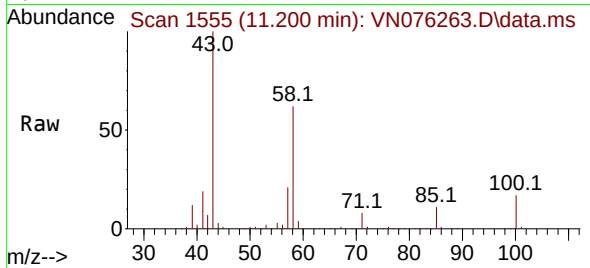
Tgt Ion: 63 Resp: 159890
Ion Ratio Lower Upper
63 100
106 32.6 26.2 39.2





#59
2-Hexanone
Concen: 102.378 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

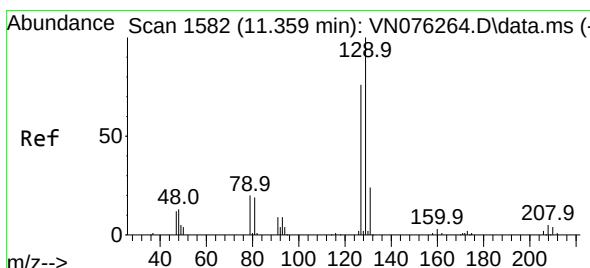
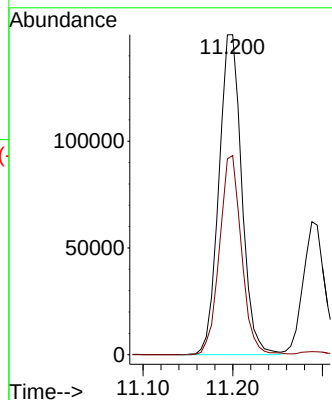
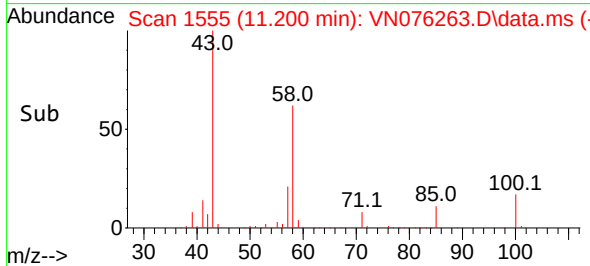
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 265249
Ion Ratio Lower Upper
43 100
58 59.9 30.1 90.3

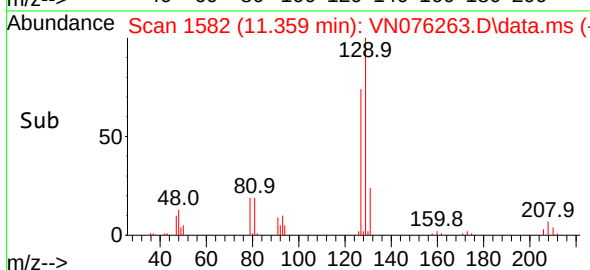
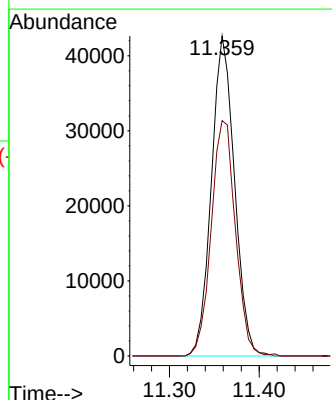
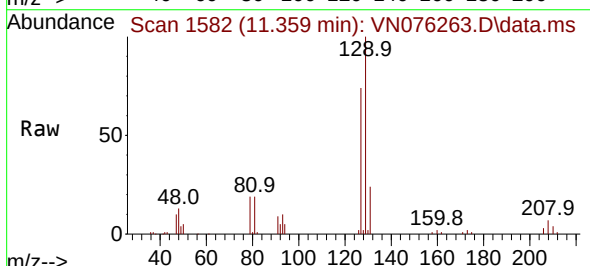
Manual Integrations
APPROVED

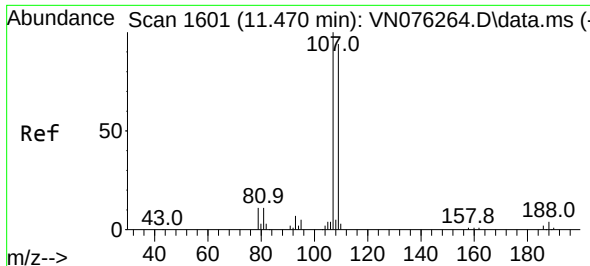
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#60
Dibromochloromethane
Concen: 19.734 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

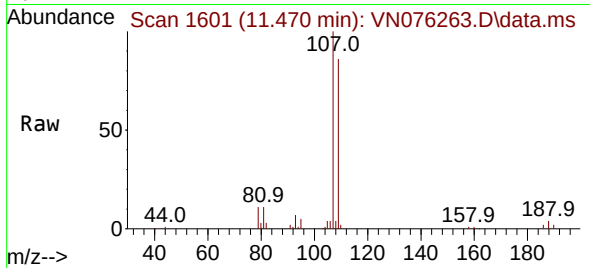
Tgt Ion:129 Resp: 76237
Ion Ratio Lower Upper
129 100
127 77.1 38.7 116.1





#61
1,2-Dibromoethane
Concen: 19.994 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

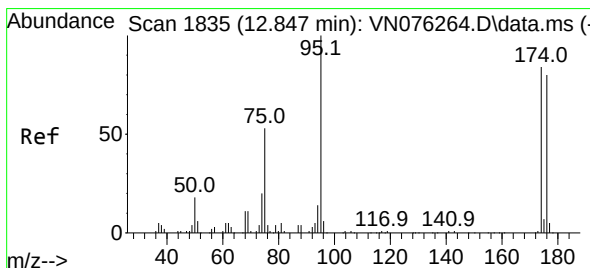
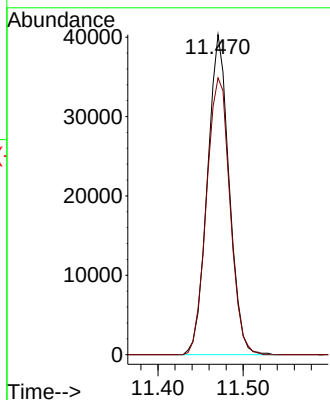
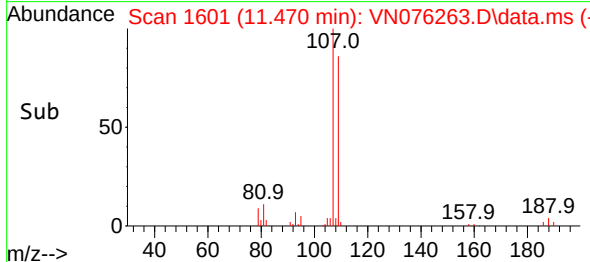
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:107 Resp: 7150
Ion Ratio Lower Upper
107 100
109 93.2 76.0 114.0

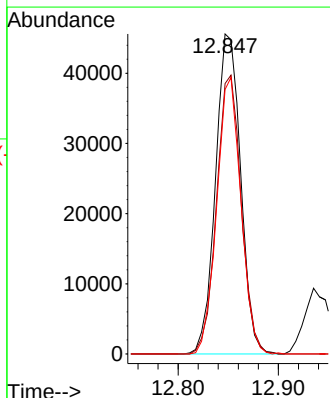
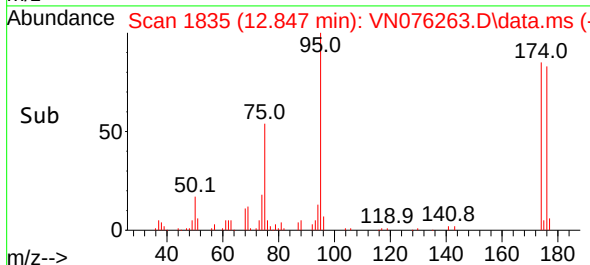
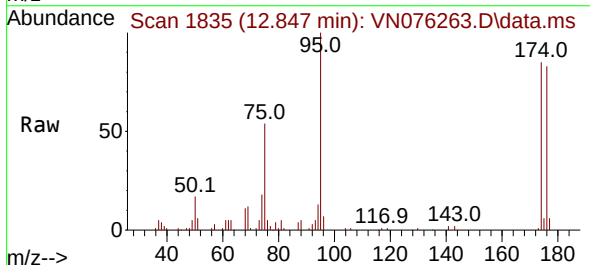
Manual Integrations
APPROVED

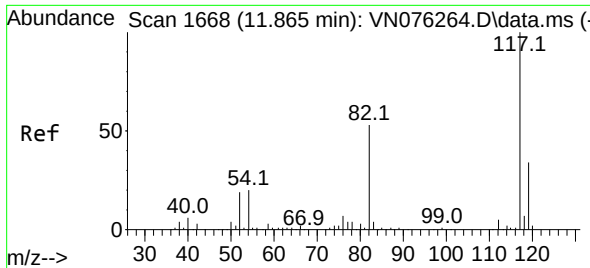
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#62
4-Bromofluorobenzene
Concen: 19.700 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

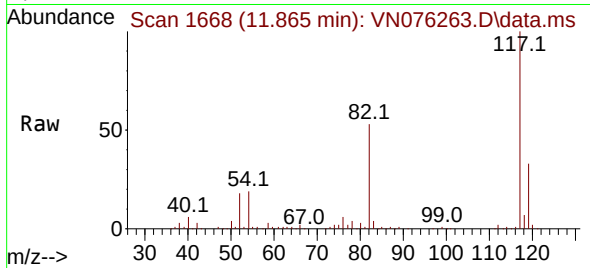
Tgt Ion: 95 Resp: 79158
Ion Ratio Lower Upper
95 100
174 85.7 0.0 174.6
176 83.0 0.0 167.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

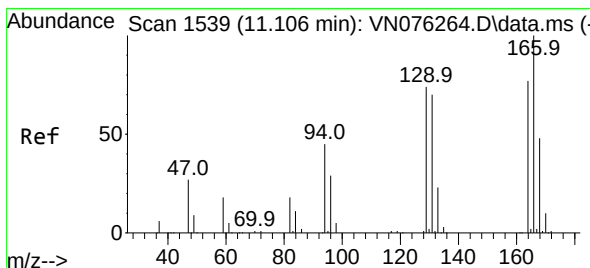
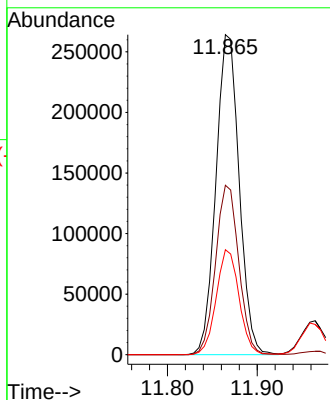
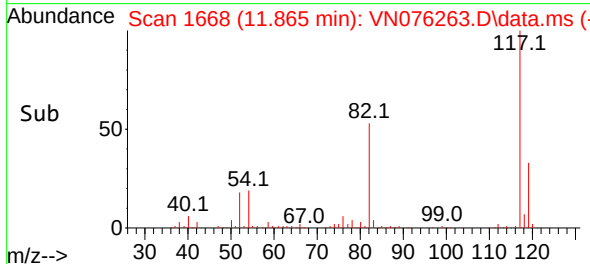
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



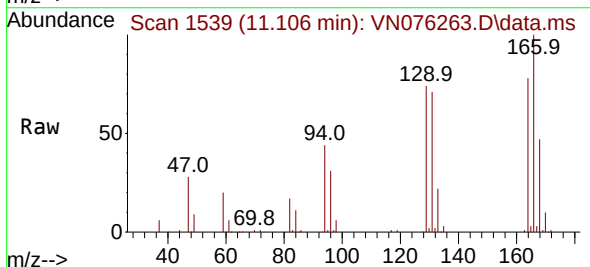
Tgt Ion:117 Resp: 475980
Ion Ratio Lower Upper
117 100
82 52.9 42.2 63.2
119 32.8 26.9 40.3

Manual Integrations
APPROVED

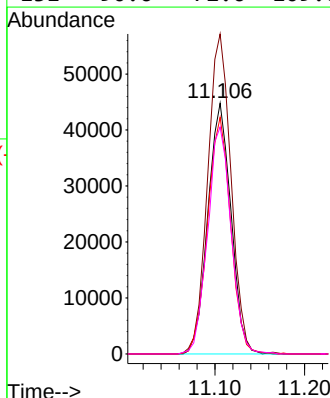
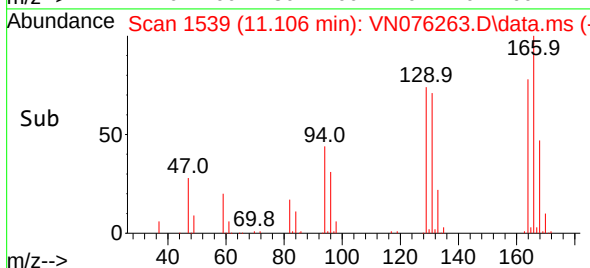
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

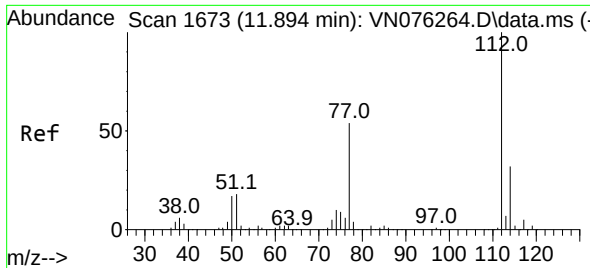


#64
Tetrachloroethene
Concen: 19.117 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42



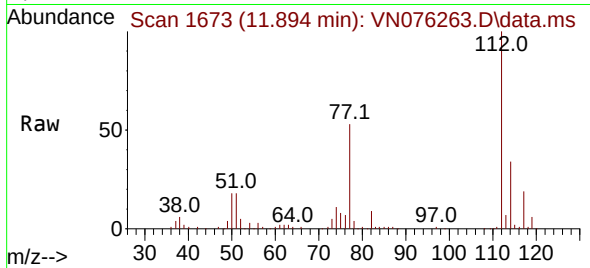
Tgt Ion:164 Resp: 80374
Ion Ratio Lower Upper
164 100
166 127.6 104.0 156.0
129 94.4 76.6 114.8
131 90.6 72.6 109.0





#65
Chlorobenzene
Concen: 19.419 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

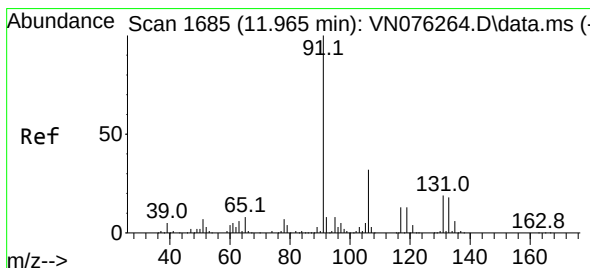
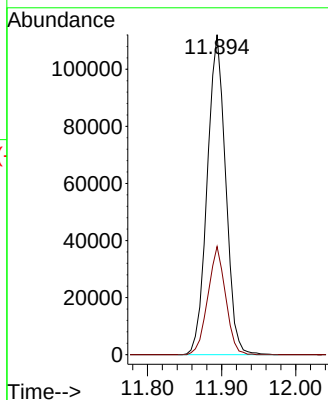
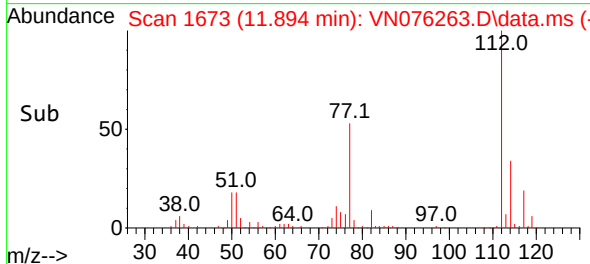
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



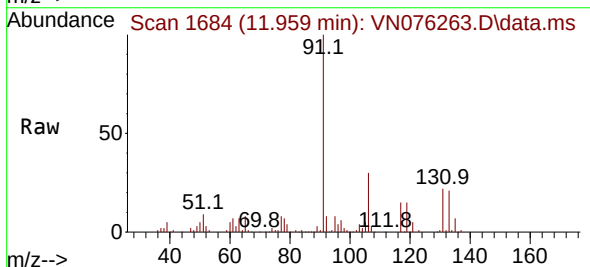
Tgt Ion:112 Resp: 193594
Ion Ratio Lower Upper
112 100
114 33.8 25.3 37.9

Manual Integrations
APPROVED

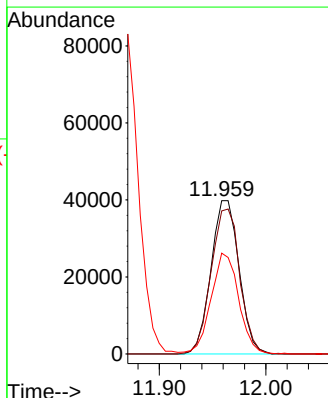
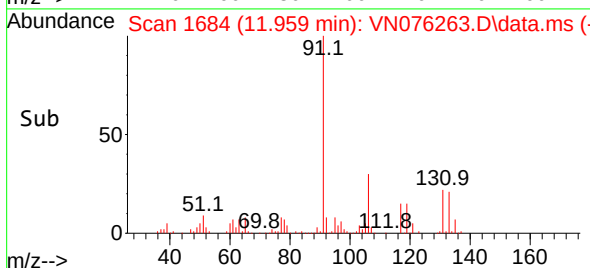
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

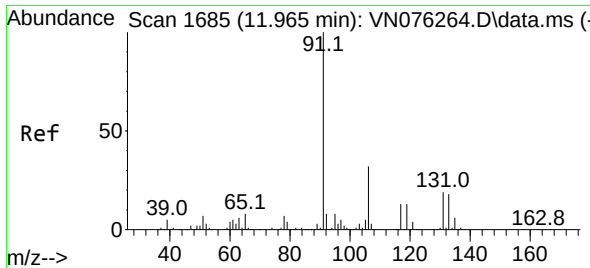


#66
1,1,1,2-Tetrachloroethane
Concen: 19.663 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42



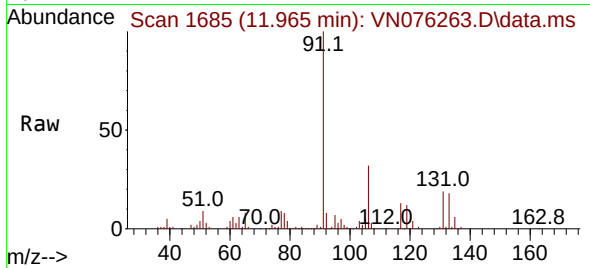
Tgt Ion:131 Resp: 72903
Ion Ratio Lower Upper
131 100
133 96.8 47.4 142.2
119 65.0 32.3 96.8





#67
Ethyl Benzene
Concen: 20.152 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

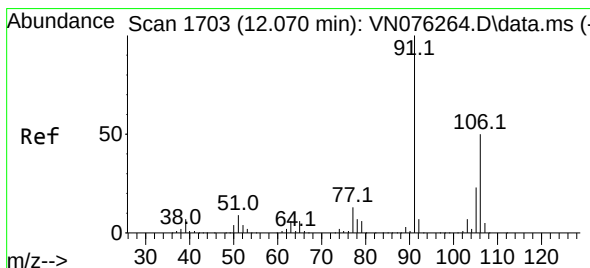
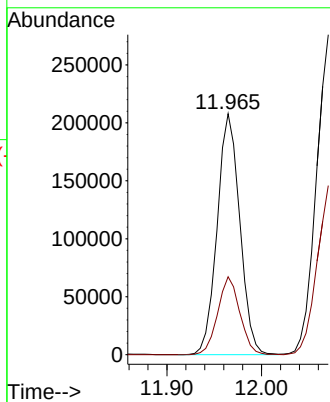
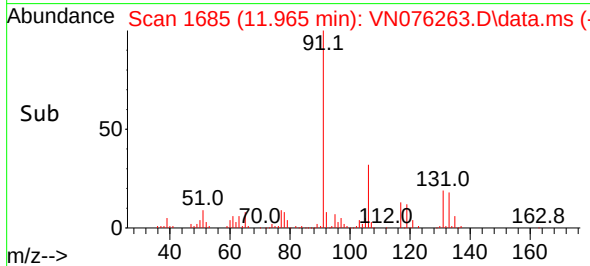
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



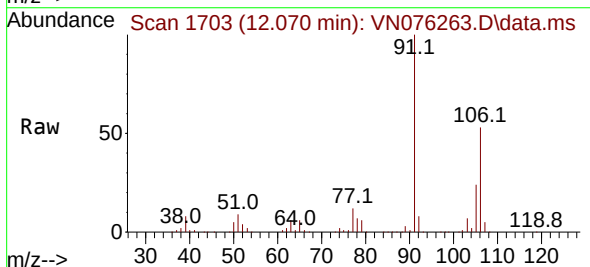
Tgt Ion: 91 Resp: 345409
Ion Ratio Lower Upper
91 100
106 32.4 25.5 38.3

Manual Integrations
APPROVED

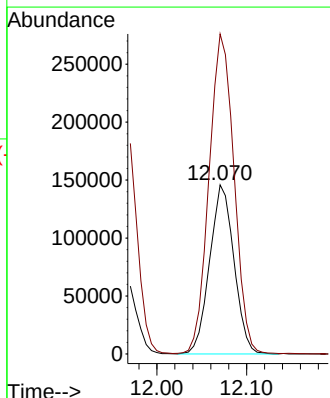
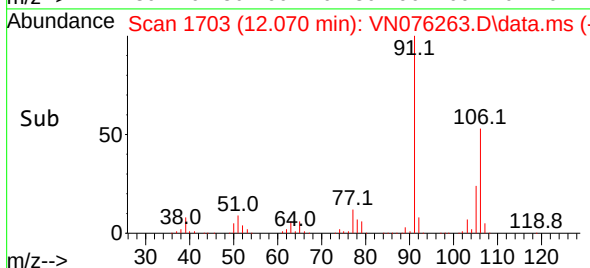
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

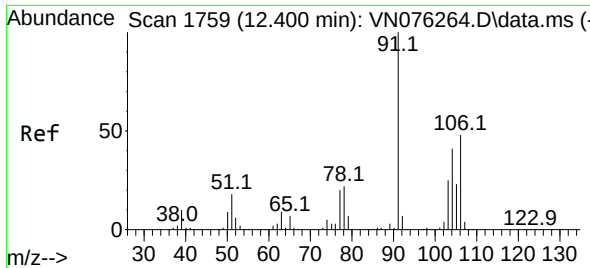


#68
m/p-Xylenes
Concen: 40.574 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42



Tgt Ion:106 Resp: 274693
Ion Ratio Lower Upper
106 100
91 195.1 157.5 236.3





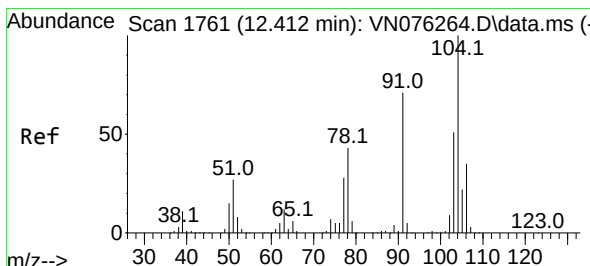
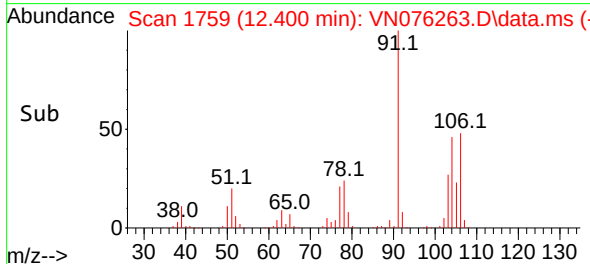
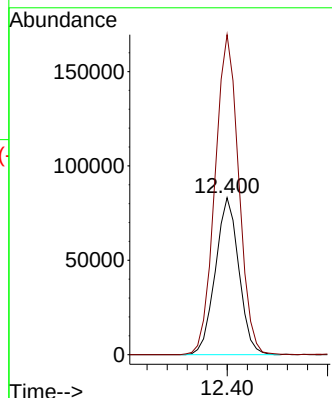
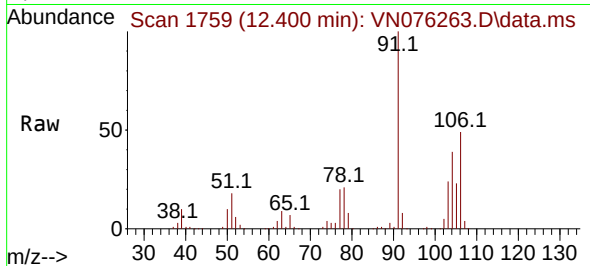
#69
o-Xylene
Concen: 20.358 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 135135
Ion Ratio Lower Upper
106 100
91 206.5 103.2 309.4

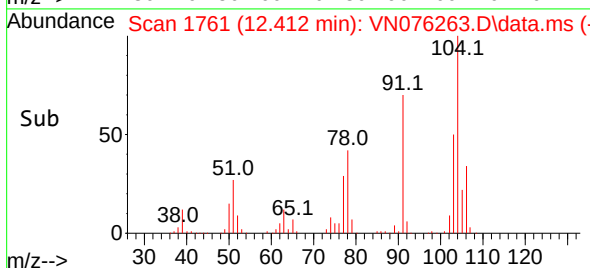
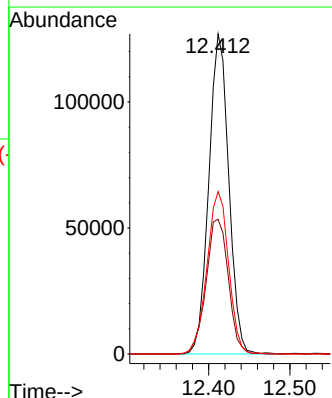
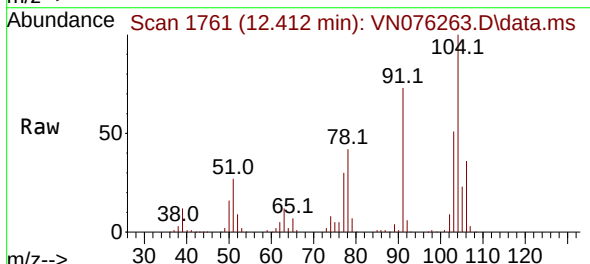
Manual Integrations
APPROVED

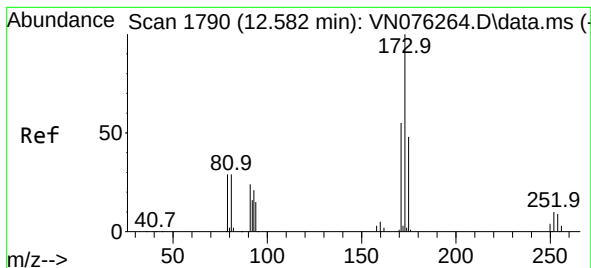
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#70
Styrene
Concen: 20.611 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Tgt Ion:104 Resp: 216551
Ion Ratio Lower Upper
104 100
78 47.1 37.4 56.0
103 54.8 44.2 66.2





#71

Bromoform

Concen: 19.954 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VN076263.D

Acq: 16 Jan 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

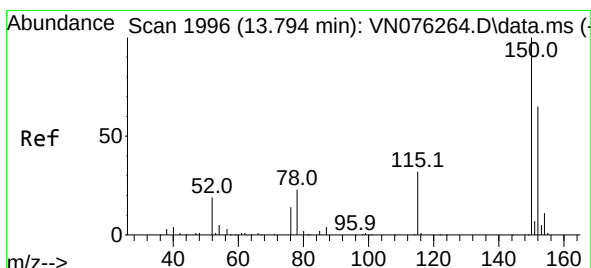
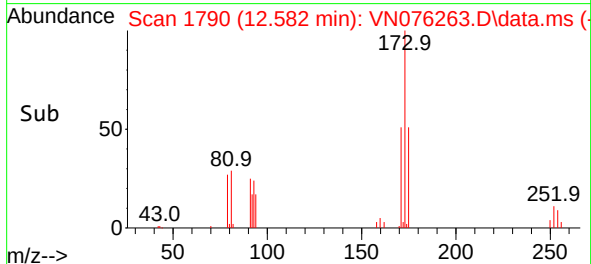
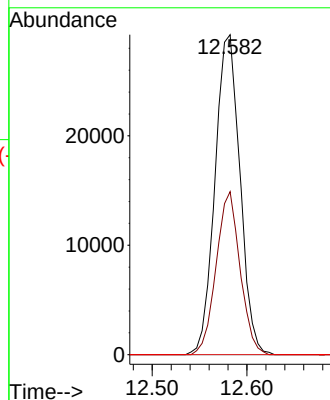
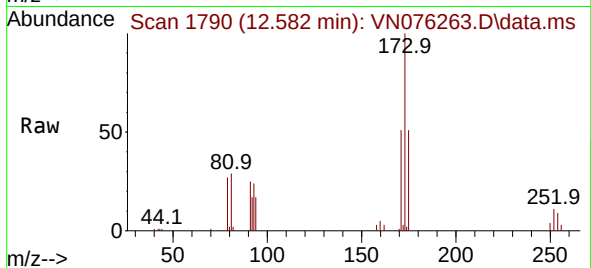
Tgt Ion:173	Resp:	53600
Ion Ratio	Lower	Upper
173	100	
175	48.8	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

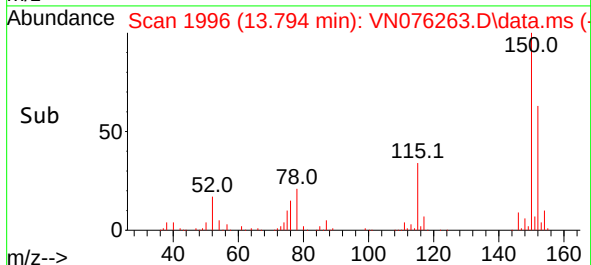
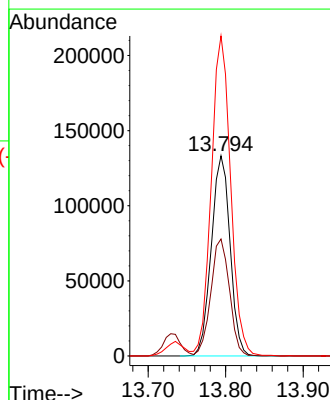
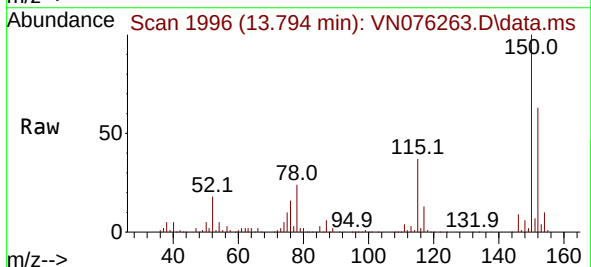
RT: 13.794 min Scan# 1996

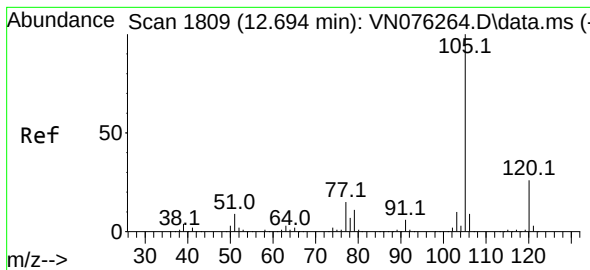
Delta R.T. -0.000 min

Lab File: VN076263.D

Acq: 16 Jan 2023 11:42

Tgt Ion:152	Resp:	223693
Ion Ratio	Lower	Upper
152	100	
115	58.1	29.6 88.9
150	165.1	0.0 351.4





#73

Isopropylbenzene

Concen: 20.671 ug/l

RT: 12.700 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN076263.D

Acq: 16 Jan 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:105 Resp: 352772

Ion Ratio Lower Upper

105 100

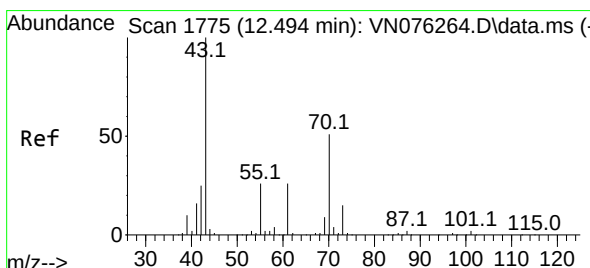
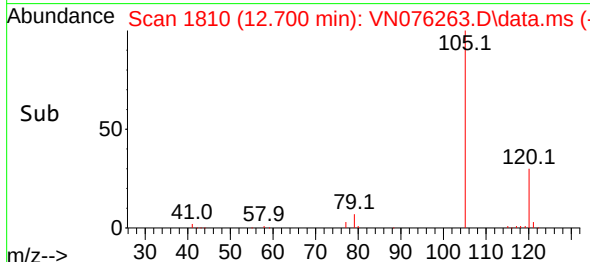
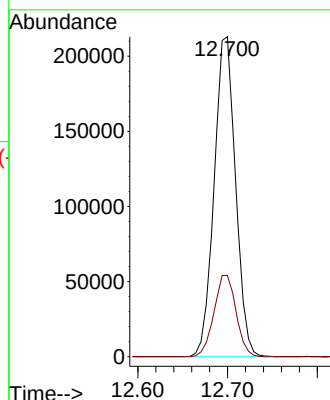
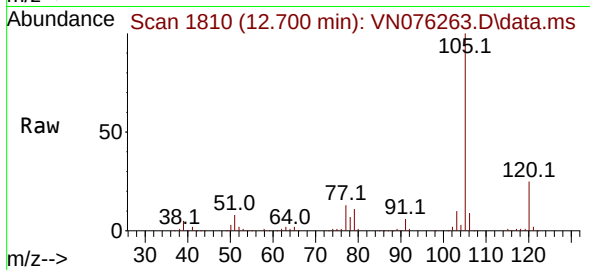
120 26.2 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#74

N-ethyl acetate

Concen: 20.423 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN076263.D

Acq: 16 Jan 2023 11:42

Tgt Ion: 43 Resp: 98317

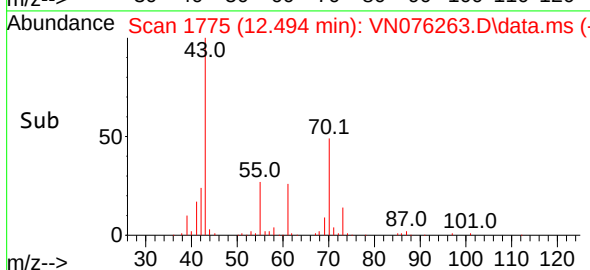
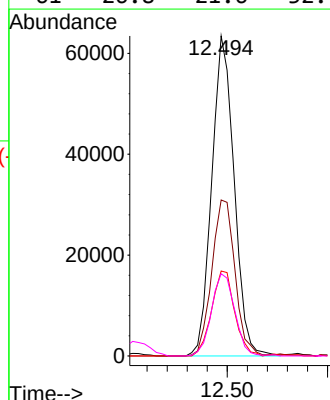
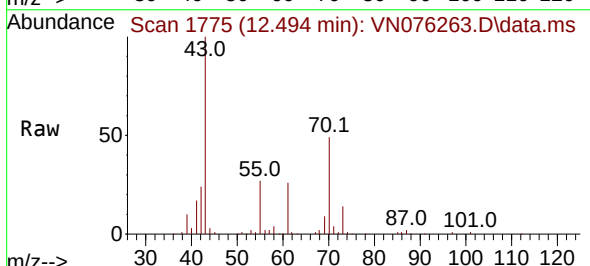
Ion Ratio Lower Upper

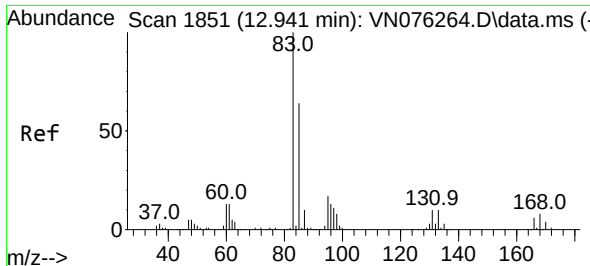
43 100

70 50.8 41.2 61.8

55 27.3 21.0 31.6

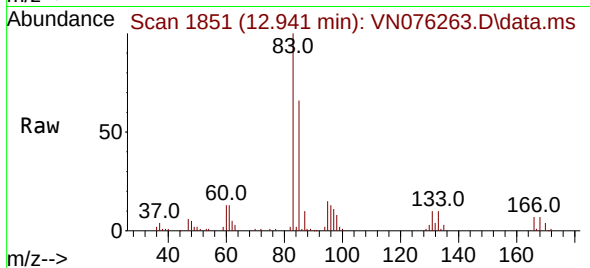
61 26.8 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 19.102 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

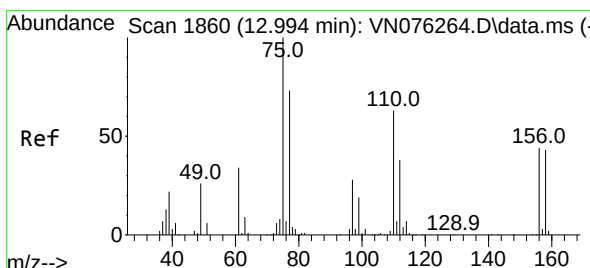
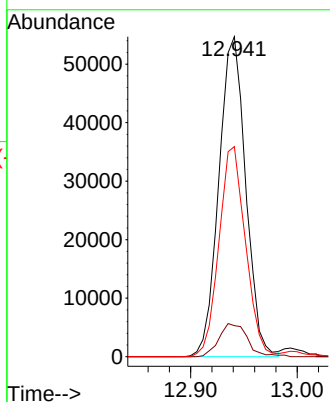
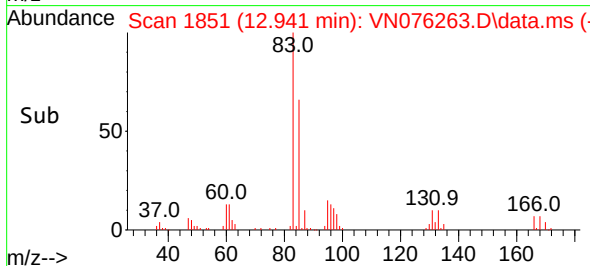
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 95815
Ion Ratio Lower Upper
83 100
131 10.9 5.5 16.4
85 64.9 31.7 95.1

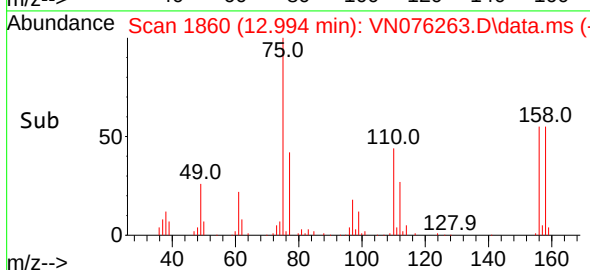
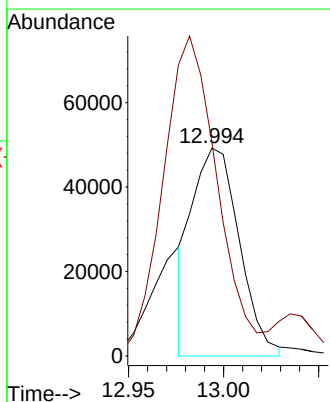
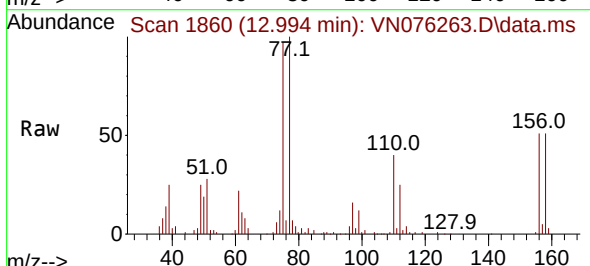
Manual Integrations
APPROVED

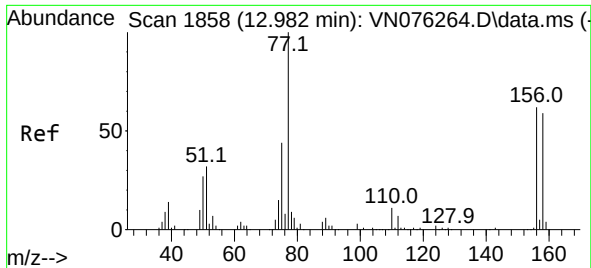
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#76
1,2,3-Trichloropropane
Concen: 18.500 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Tgt Ion: 75 Resp: 85153
Ion Ratio Lower Upper
75 100
77 176.3 75.2 225.6





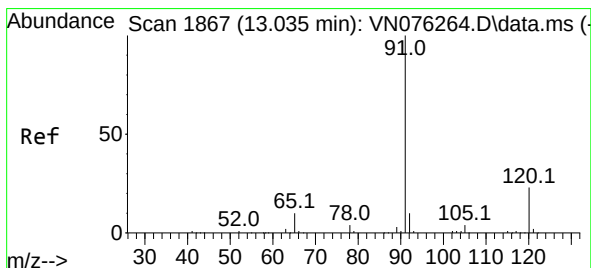
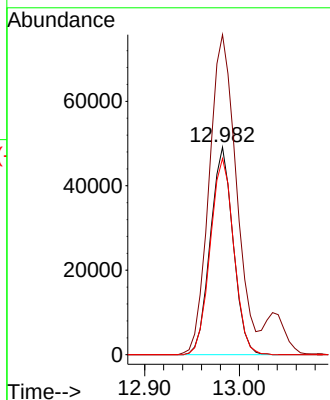
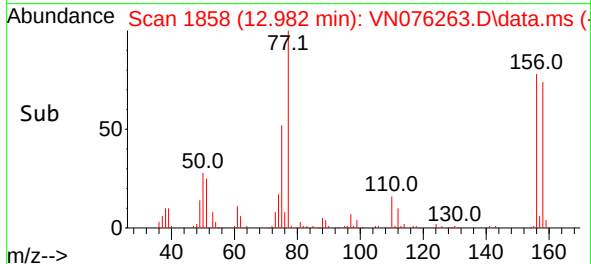
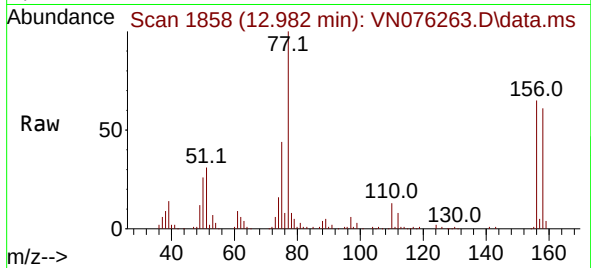
#77
Bromobenzene
Concen: 19.363 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 8244
Ion Ratio Lower Upper
156 100
77 182.1 93.4 280.2
158 97.3 48.4 145.2

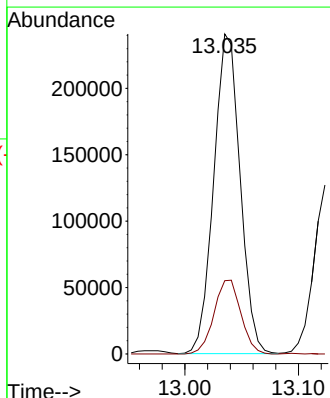
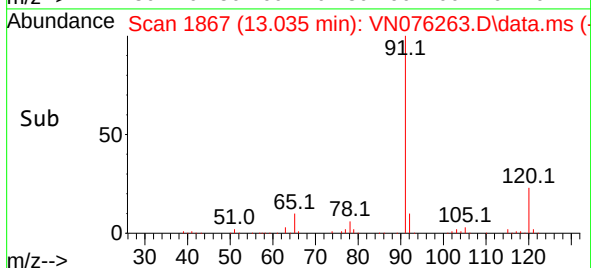
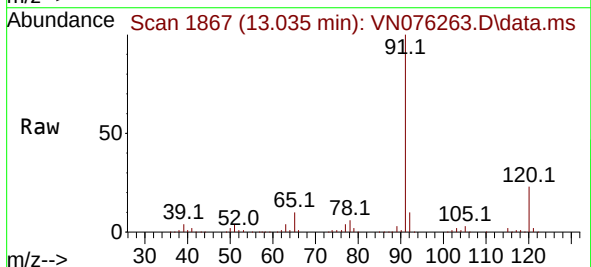
Manual Integrations
APPROVED

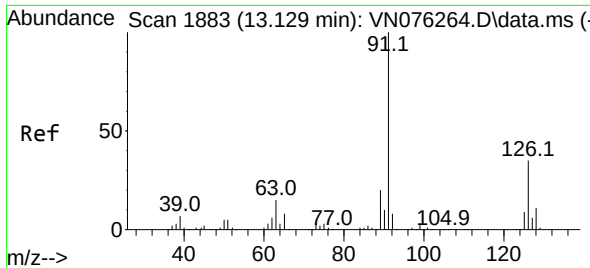
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#78
n-propylbenzene
Concen: 20.629 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Tgt Ion: 91 Resp: 389172
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.5





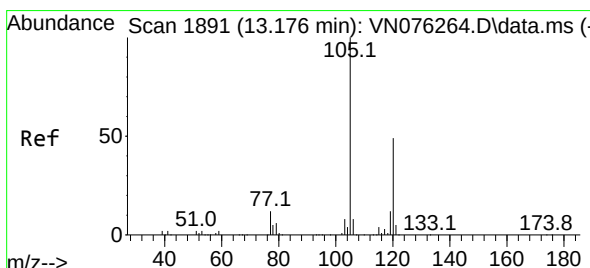
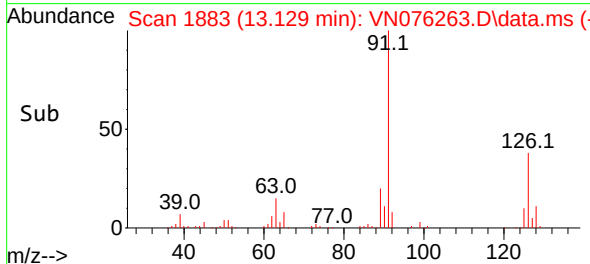
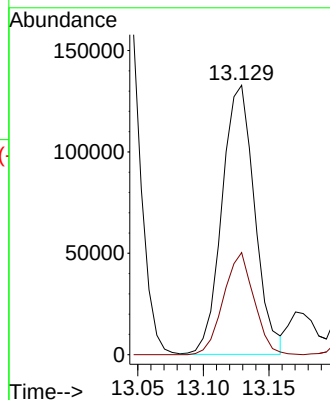
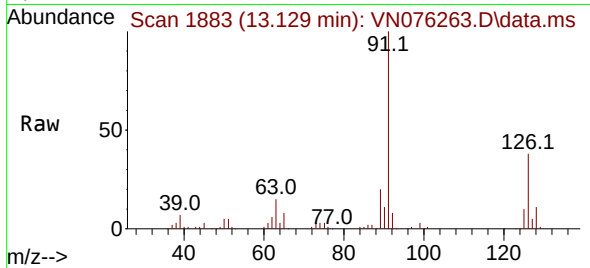
#79
2-Chlorotoluene
Concen: 19.621 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 23056
Ion Ratio Lower Upper
91 100
126 35.3 17.4 52.2

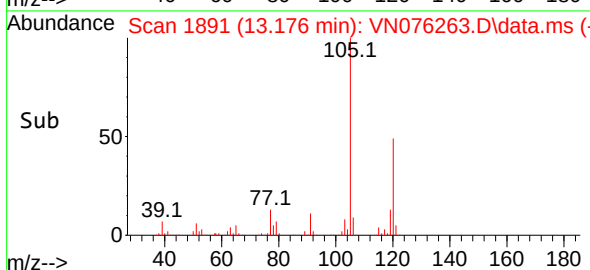
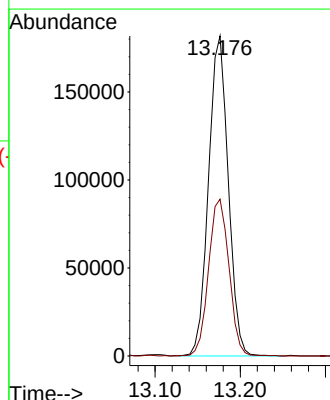
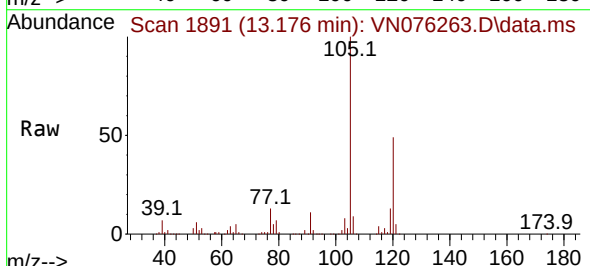
Manual Integrations
APPROVED

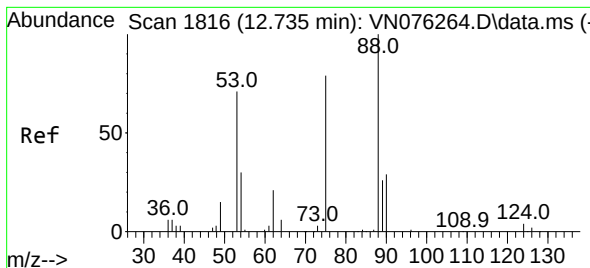
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.350 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Tgt Ion:105 Resp: 292268
Ion Ratio Lower Upper
105 100
120 50.8 25.0 75.0





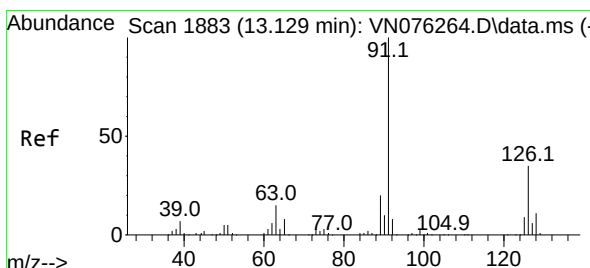
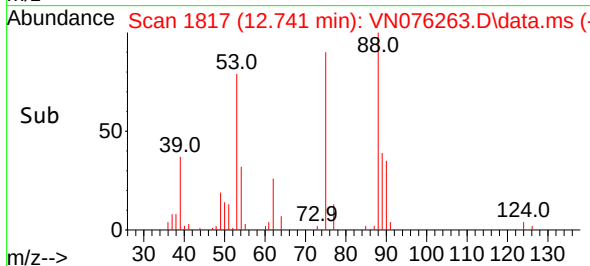
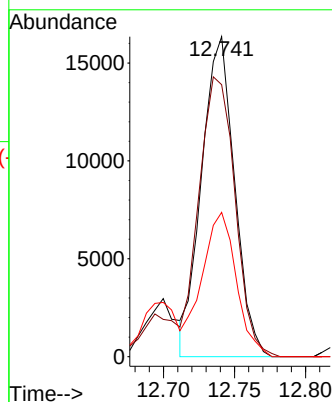
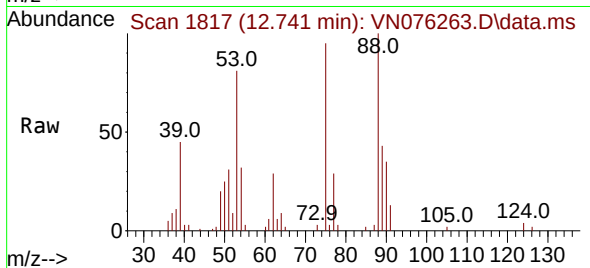
#81
trans-1,4-Dichloro-2-butene
Concen: 19.579 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 2632
Ion Ratio Lower Upper
75 100
53 95.6 75.8 113.8
89 47.5 37.0 55.6

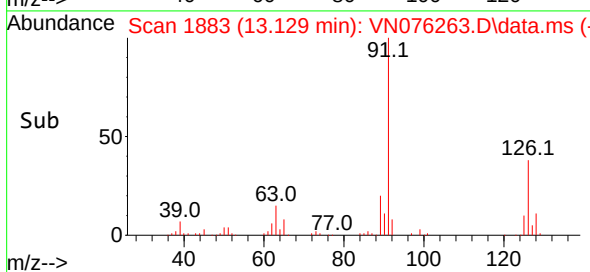
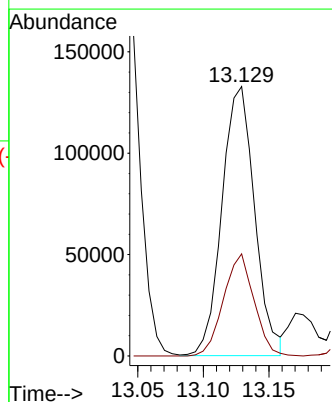
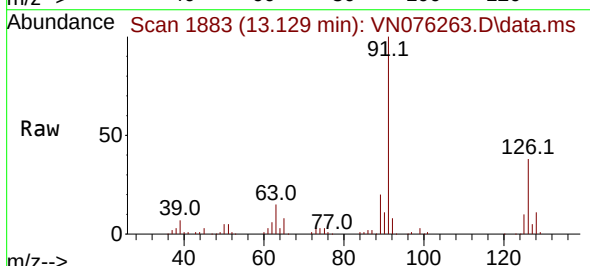
Manual Integrations
APPROVED

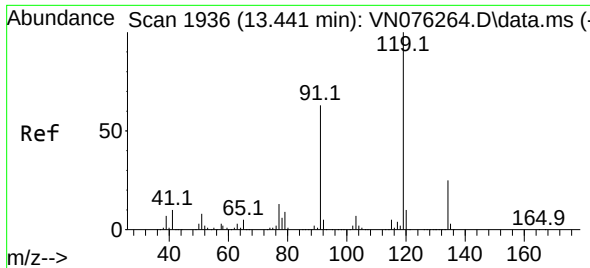
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#82
4-Chlorotoluene
Concen: 19.621 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

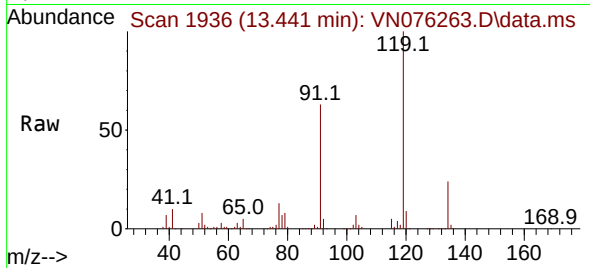
Tgt Ion: 91 Resp: 230561
Ion Ratio Lower Upper
91 100
126 35.3 17.4 52.2





#83
tert-Butylbenzene
Concen: 20.064 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

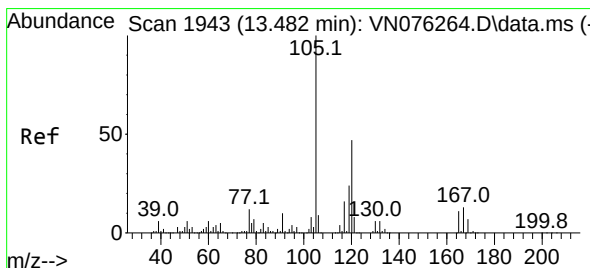
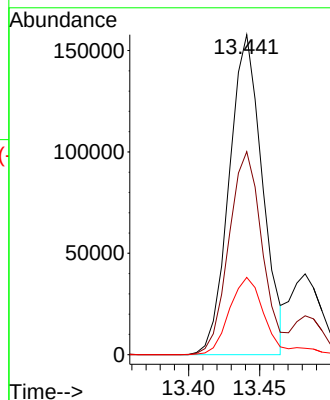
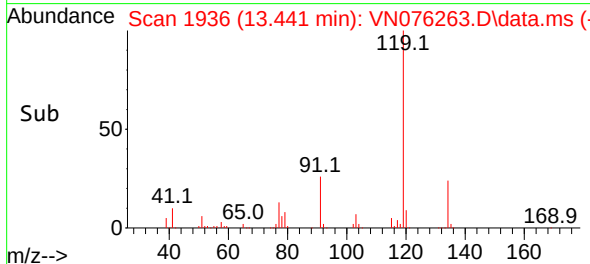
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



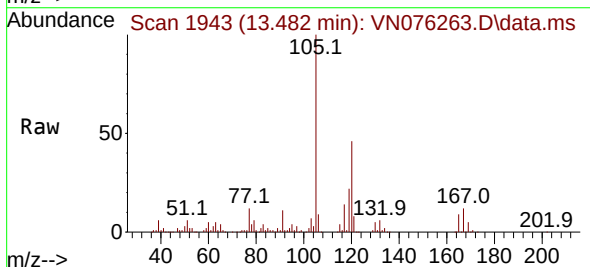
Tgt Ion:119 Resp: 25698
Ion Ratio Lower Upper
119 100
91 64.8 32.2 96.6
134 26.4 13.6 40.8

Manual Integrations
APPROVED

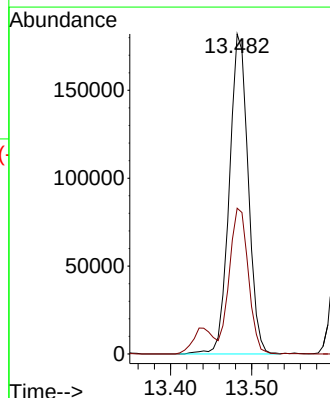
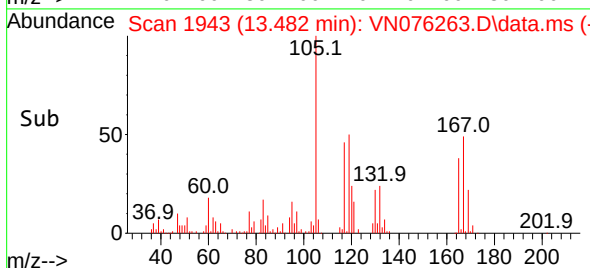
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

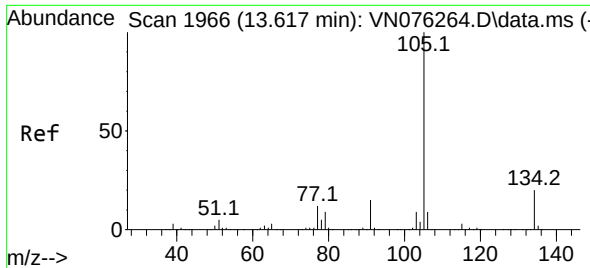


#84
1,2,4-Trimethylbenzene
Concen: 20.904 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42



Tgt Ion:105 Resp: 293171
Ion Ratio Lower Upper
105 100
120 45.7 22.9 68.5





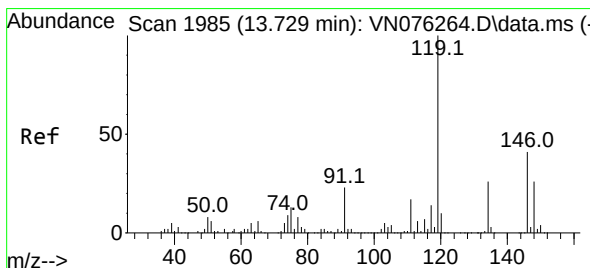
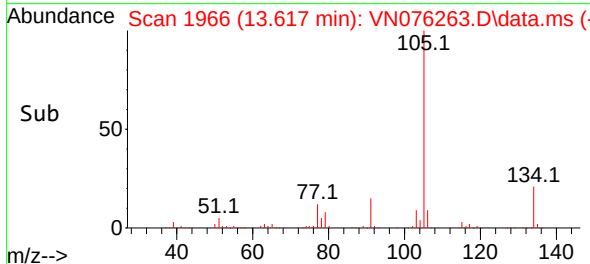
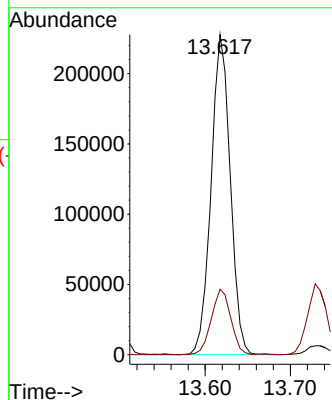
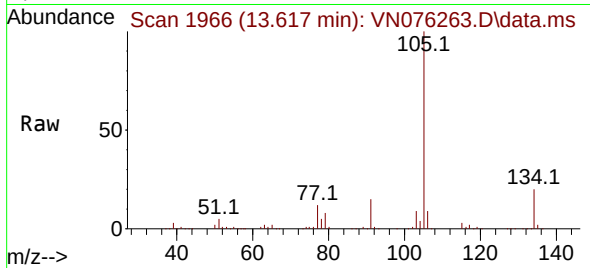
#85
 sec-Butylbenzene
 Concen: 20.421 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN076263.D
 Acq: 16 Jan 2023 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Tgt Ion:105 Resp: 35662
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.3 30.8

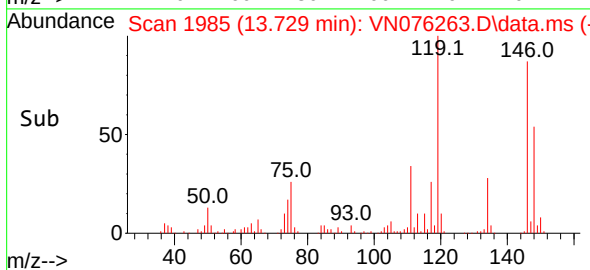
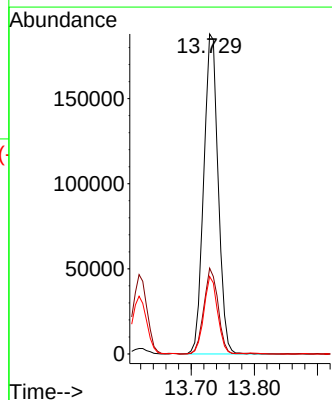
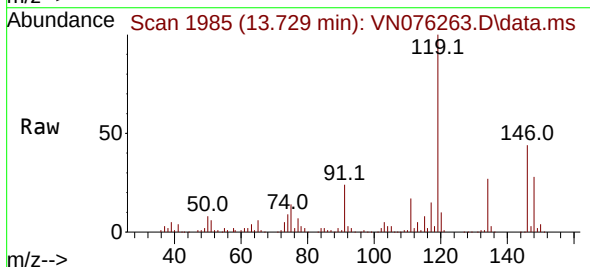
Manual Integrations
 APPROVED

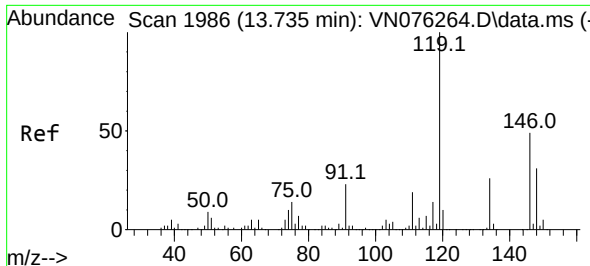
Reviewed By :John Carlone 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023



#86
 p-Isopropyltoluene
 Concen: 20.892 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN076263.D
 Acq: 16 Jan 2023 11:42

Tgt Ion:119 Resp: 297726
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.6
 91 23.1 11.8 35.3





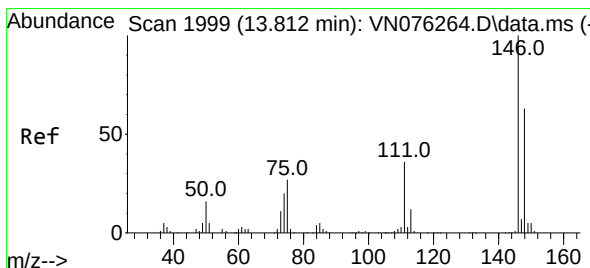
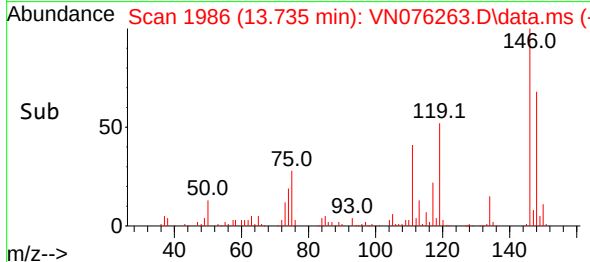
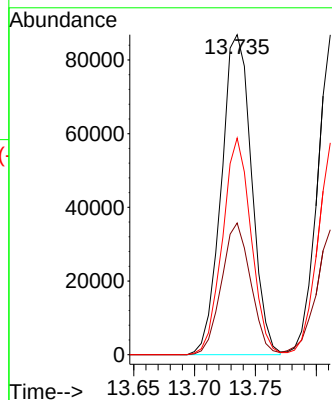
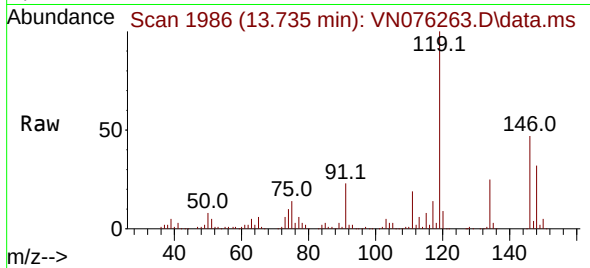
#87
1,3-Dichlorobenzene
Concen: 19.206 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 14990
Ion Ratio Lower Upper
146 100
111 39.8 19.9 59.7
148 64.3 31.6 94.8

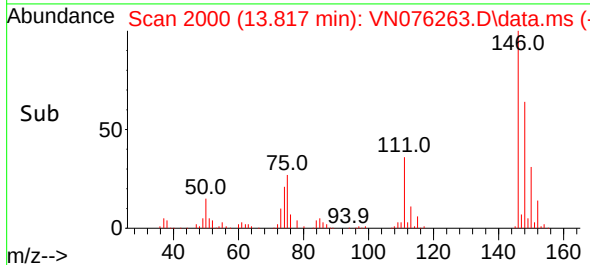
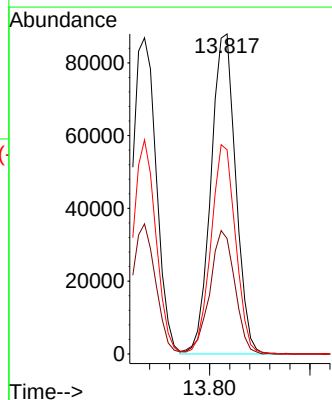
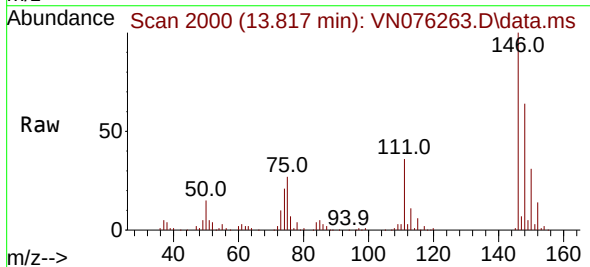
Manual Integrations
APPROVED

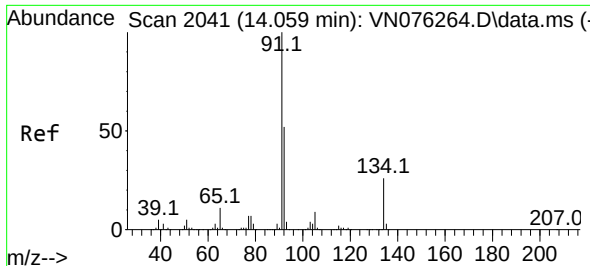
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#88
1,4-Dichlorobenzene
Concen: 19.542 ug/l
RT: 13.817 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Tgt Ion:146 Resp: 151364
Ion Ratio Lower Upper
146 100
111 39.2 19.1 57.5
148 64.8 31.9 95.9





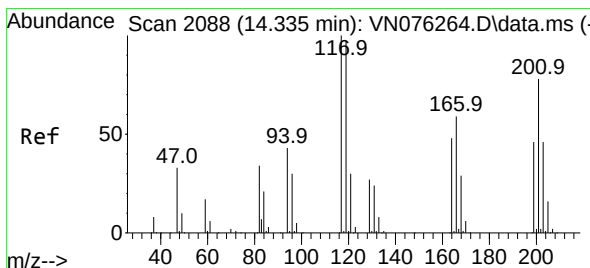
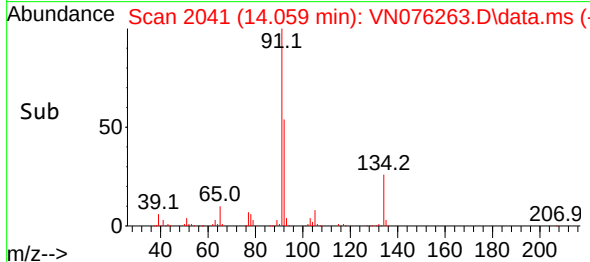
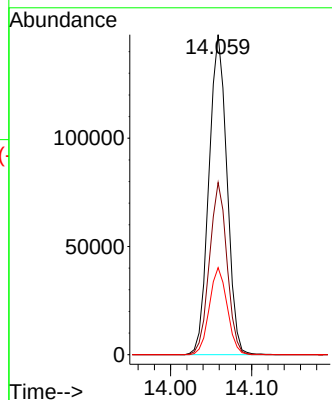
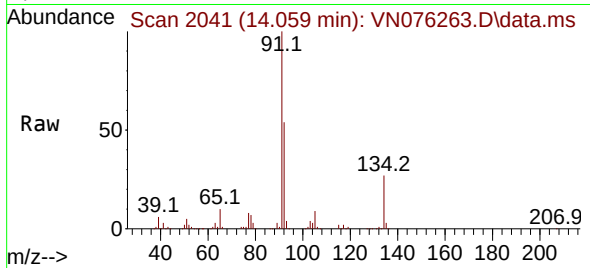
#89
n-Butylbenzene
Concen: 20.168 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 227494
Ion Ratio Lower Upper
91 100
92 52.4 26.3 78.9
134 26.9 13.2 39.5

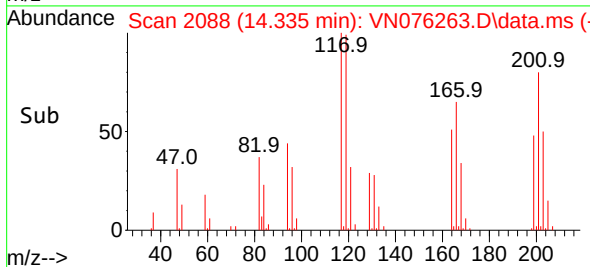
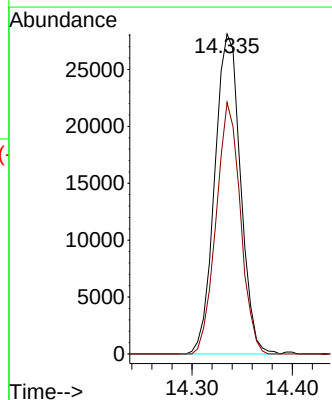
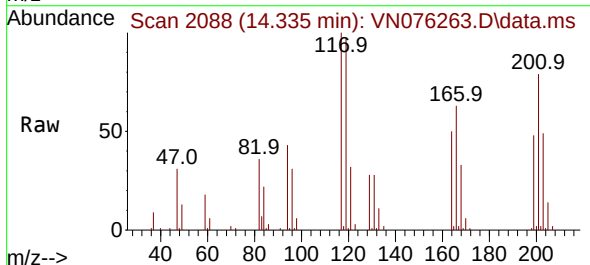
Manual Integrations
APPROVED

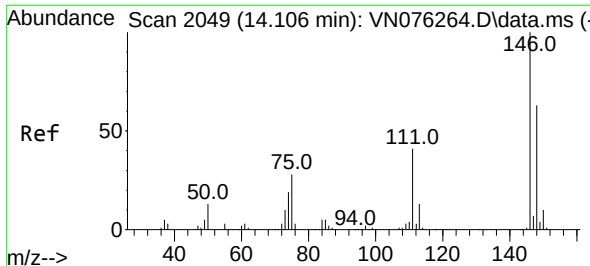
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#90
Hexachloroethane
Concen: 20.026 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

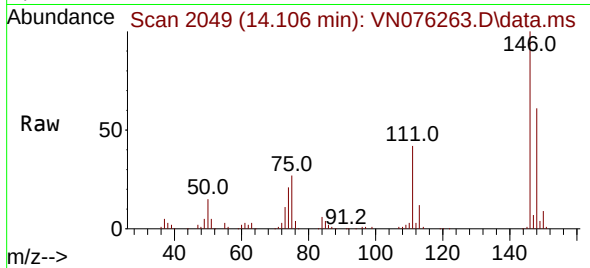
Tgt Ion:117 Resp: 50245
Ion Ratio Lower Upper
117 100
201 74.0 37.3 111.9





#91
1,2-Dichlorobenzene
Concen: 19.374 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

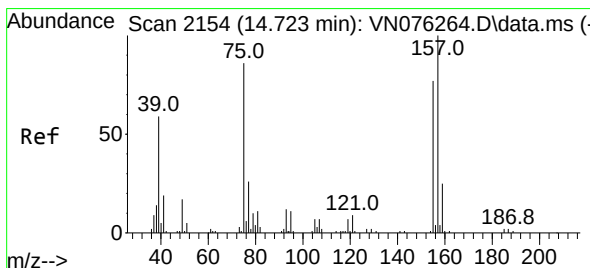
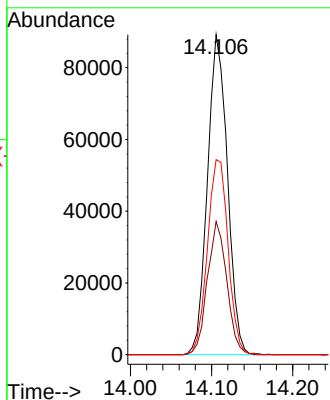
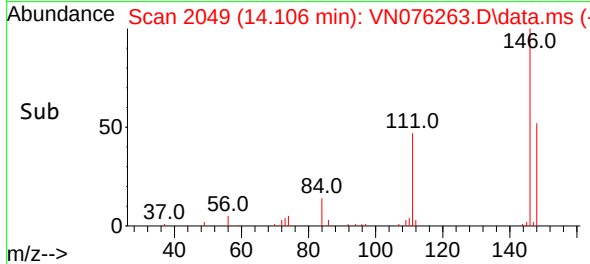
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



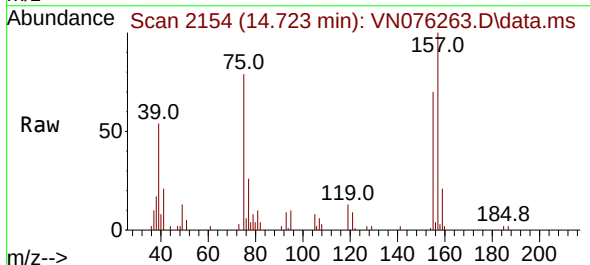
Tgt Ion:146 Resp: 152400
Ion Ratio Lower Upper
146 100
111 40.4 20.3 60.8
148 63.2 31.8 95.4

Manual Integrations
APPROVED

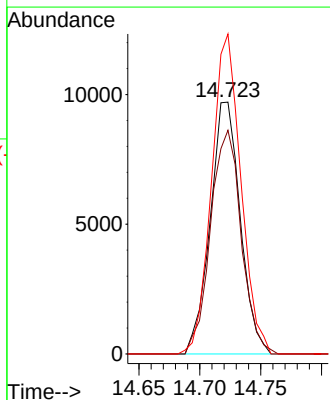
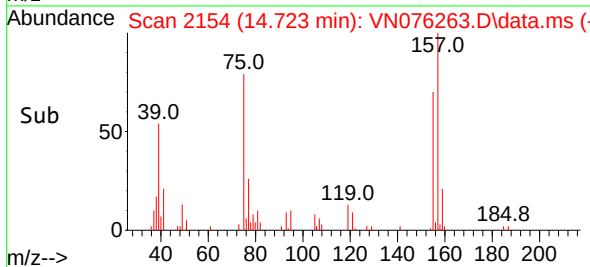
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

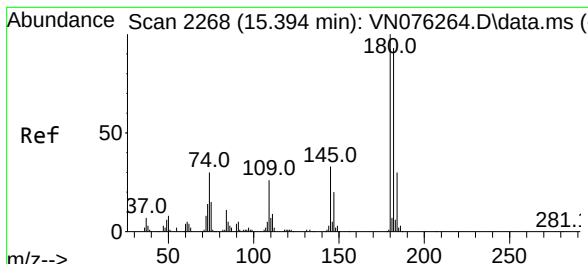


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.995 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42



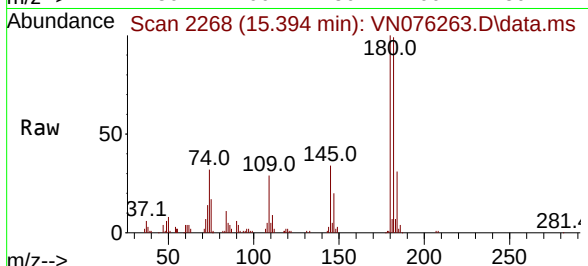
Tgt Ion: 75 Resp: 16704
Ion Ratio Lower Upper
75 100
155 90.5 45.0 135.0
157 123.5 58.3 174.9





#93
1,2,4-Trichlorobenzene
Concen: 20.157 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

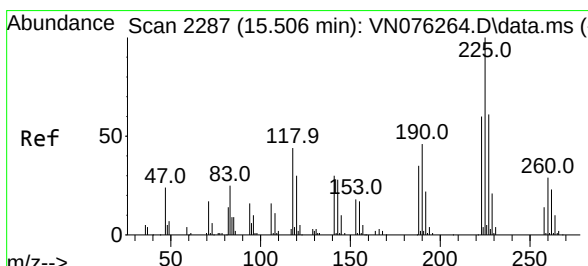
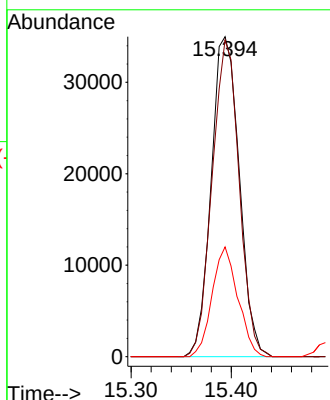
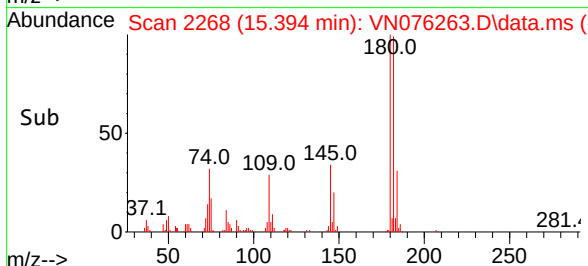
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



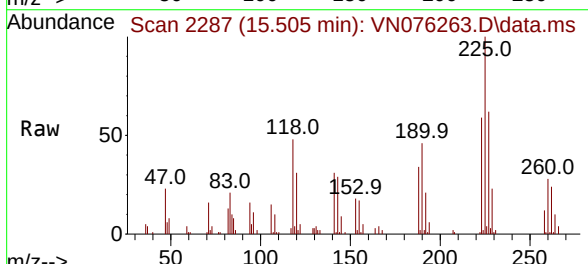
Tgt Ion:180 Resp: 67990
Ion Ratio Lower Upper
180 100
182 95.0 47.0 141.2
145 31.5 15.2 45.5

Manual Integrations
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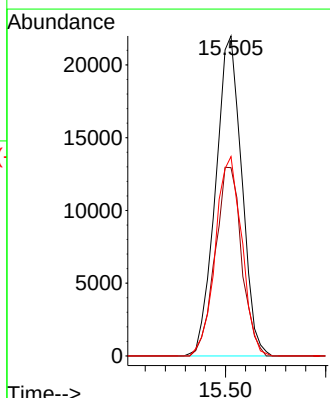
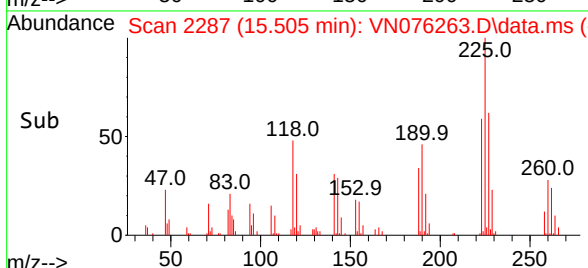
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

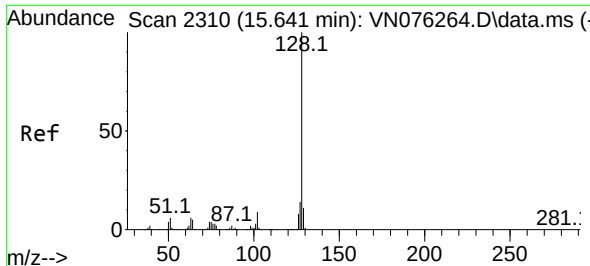


#94
Hexachlorobutadiene
Concen: 19.399 ug/l
RT: 15.505 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42



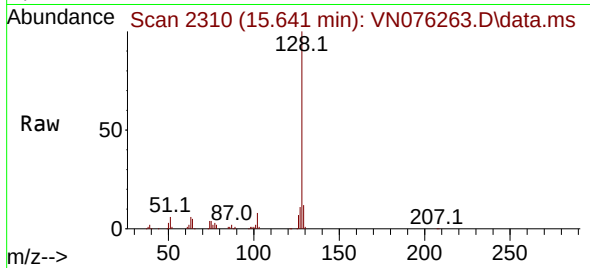
Tgt Ion:225 Resp: 39847
Ion Ratio Lower Upper
225 100
223 59.6 30.8 92.3
227 62.9 30.9 92.8





#95
Naphthalene
Concen: 21.049 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

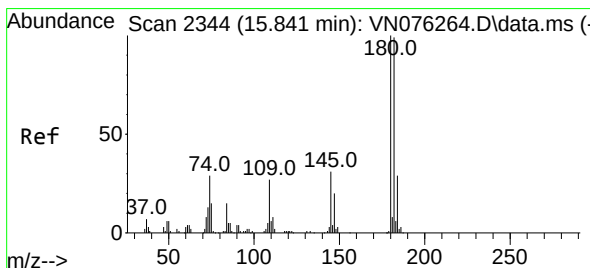
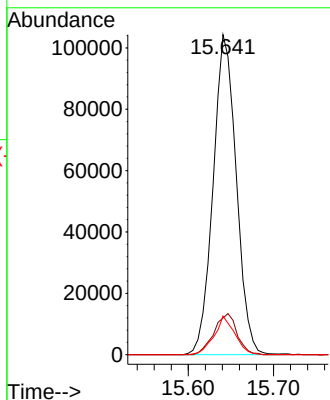
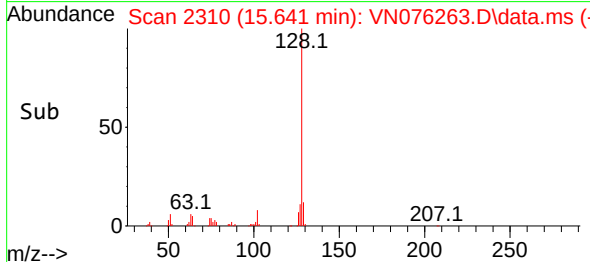
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 19748
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.856 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076263.D
Acq: 16 Jan 2023 11:42

Tgt Ion:180 Resp: 65299
Ion Ratio Lower Upper
180 100
182 99.8 47.5 142.5
145 32.3 15.9 47.6

