

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051822\
 Data File : VN072540.D
 Acq On : 18 May 2022 14:18
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: May 18 15:24:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 15:21:12 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/19/2022
 Supervised By : Mahesh Dadoda 05/19/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	175719	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	267423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	276606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	118977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	53818	19.917	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	39.840%	#	
35) Dibromofluoromethane	8.016	113	35062	19.615	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	39.220%	#	
50) Toluene-d8	10.433	98	135064	19.888	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	39.780%	#	
62) 4-Bromofluorobenzene	12.727	95	51681	22.322	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	44.640%	#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.063	85	38677	18.186	ug/l	91
3) Chloromethane	2.293	50	35047	15.577	ug/l	95
4) Vinyl Chloride	2.446	62	30600	17.295	ug/l	93
5) Bromomethane	2.805	94	28082	24.947	ug/l	100
6) Chloroethane	2.934	64	22769	18.933	ug/l	96
7) Trichlorofluoromethane	3.316	101	69332	20.658	ug/l	93
8) Diethyl Ether	3.828	74	20746	17.505	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.193	101	33210	18.371	ug/l	94
10) Methyl Iodide	4.404	142	43590	18.317	ug/l	# 81
11) Tert butyl alcohol	5.404	59	27392	67.315	ug/l	97
12) 1,1-Dichloroethene	4.163	96	29976	17.734	ug/l	97
13) Acrolein	4.040	56	33244	81.813	ug/l	99
14) Allyl chloride	4.816	41	48968	15.544	ug/l	89
15) Acrylonitrile	5.545	53	98655	85.548	ug/l	97
16) Acetone	4.287	43	85270	84.187	ug/l	91
17) Carbon Disulfide	4.510	76	73147	16.659	ug/l	99
18) Methyl Acetate	4.846	43	46100	15.402	ug/l	95
19) Methyl tert-butyl Ether	5.604	73	121671	19.495	ug/l	97
20) Methylene Chloride	5.081	84	35673	16.726	ug/l	93
21) trans-1,2-Dichloroethene	5.587	96	32509	18.010	ug/l	97
22) Diisopropyl ether	6.498	45	109541	16.943	ug/l	97
23) Vinyl Acetate	6.422	43	480983	88.902	ug/l	97
24) 1,1-Dichloroethane	6.375	63	63888	17.433	ug/l	99
25) 2-Butanone	7.334	43	130591	81.151	ug/l	94
26) 2,2-Dichloropropane	7.316	77	63201	20.293	ug/l	93
27) cis-1,2-Dichloroethene	7.316	96	40982	19.015	ug/l	95
28) Bromochloromethane	7.645	49	25450	16.309	ug/l	97
29) Tetrahydrofuran	7.681	42	82118	78.638	ug/l	95
30) Chloroform	7.810	83	74387	19.717	ug/l	100
31) Cyclohexane	8.087	56	59014	17.141	ug/l	94
32) 1,1,1-Trichloroethane	8.004	97	72532	20.842	ug/l	98
36) 1,1-Dichloropropene	8.210	75	49802	19.888	ug/l	99
37) Ethyl Acetate	7.404	43	54157	18.429	ug/l	98
38) Carbon Tetrachloride	8.198	117	63159	22.335	ug/l	98
39) Methylcyclohexane	9.451	83	56812	20.318	ug/l	93
40) Benzene	8.451	78	145288	19.443	ug/l	98

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 Supervised By :Mahesh Dadoda 05/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	26296	17.709	ug/l	94
42) 1,2-Dichloroethane	8.522	62	68800	22.580	ug/l	94
43) Isopropyl Acetate	8.557	43	88307	19.193	ug/l	96
44) Trichloroethene	9.204	130	41368	21.744	ug/l	98
45) 1,2-Dichloropropane	9.486	63	36979	19.701	ug/l	100
46) Dibromomethane	9.569	93	26537	19.945	ug/l	99
47) Bromodichloromethane	9.757	83	58444	21.372	ug/l #	98
48) Methyl methacrylate	9.557	41	41703	19.614	ug/l #	90
49) 1,4-Dioxane	9.569	88	8147	240.416	ug/l #	81
51) 4-Methyl-2-Pentanone	10.328	43	315121	109.293	ug/l	94
52) Toluene	10.498	92	98747	21.178	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	61125	21.790	ug/l	95
54) cis-1,3-Dichloropropene	10.186	75	61415	20.758	ug/l #	90
55) 1,1,2-Trichloroethane	10.898	97	40963	20.852	ug/l	98
56) Ethyl methacrylate	10.757	69	67530	23.971	ug/l	89
57) 1,3-Dichloropropane	11.039	76	69536	20.951	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	67805	115.980	ug/l	99
59) 2-Hexanone	11.080	43	216095	107.360	ug/l	91
60) Dibromochloromethane	11.233	129	46976	22.411	ug/l	100
61) 1,2-Dibromoethane	11.339	107	45003	22.951	ug/l	98
64) Tetrachloroethene	10.969	164	39373	20.049	ug/l	93
65) Chlorobenzene	11.769	112	116705	20.782	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	45151	20.064	ug/l	95
67) Ethyl Benzene	11.839	91	209865	21.715	ug/l	99
68) m/p-Xylenes	11.951	106	163805	44.539	ug/l	93
69) o-Xylene	12.274	106	82708	22.851	ug/l	96
70) Styrene	12.292	104	129804	23.303	ug/l	95
71) Bromoform	12.451	173	36313	21.972	ug/l #	100
73) Isopropylbenzene	12.574	105	216502	22.089	ug/l	97
74) N-amyl acetate	12.386	43	62443	18.327	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.822	83	59210	17.067	ug/l	96
76) 1,2,3-Trichloropropane	12.874	75	53085m	17.317	ug/l	
77) Bromobenzene	12.857	156	50998	21.744	ug/l	99
78) n-propylbenzene	12.916	91	231517	22.018	ug/l	97
79) 2-Chlorotoluene	13.004	91	147778	21.226	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	185128	22.834	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.622	75	17247	18.979	ug/l	87
82) 4-Chlorotoluene	13.098	91	137613	20.964	ug/l	98
83) tert-Butylbenzene	13.321	119	160653	22.991	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	183483	23.561	ug/l	94
85) sec-Butylbenzene	13.498	105	207500	22.344	ug/l	100
86) p-Isopropyltoluene	13.610	119	172960	23.773	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	85374	21.201	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	80219	19.944	ug/l	95
89) n-Butylbenzene	13.939	91	127711	22.825	ug/l	96
90) Hexachloroethane	14.204	117	29243	20.132	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	85589	21.174	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	12892	20.664	ug/l	88
93) 1,2,4-Trichlorobenzene	15.257	180	33165	20.998	ug/l	98
94) Hexachlorobutadiene	15.368	225	19953	19.206	ug/l	97
95) Naphthalene	15.498	128	95353	20.973	ug/l	98
96) 1,2,3-Trichlorobenzene	15.698	180	34071	21.519	ug/l	98

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VSTDICC020

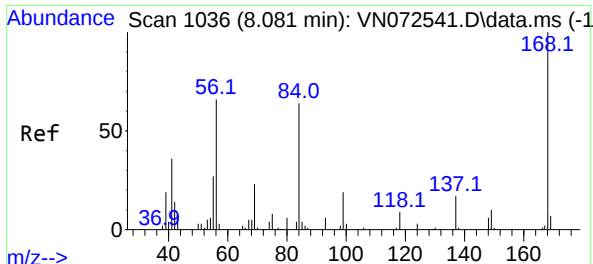
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
Quant Title : SW846 8260
QLast Update : Wed May 18 15:21:12 2022
Response via : Initial Calibration

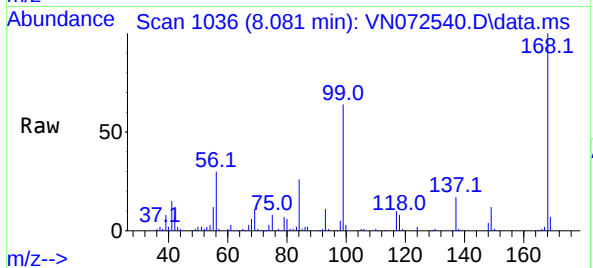
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072540.D
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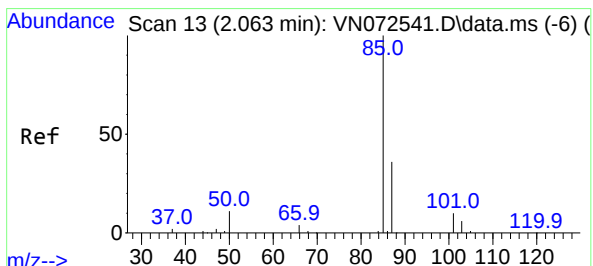
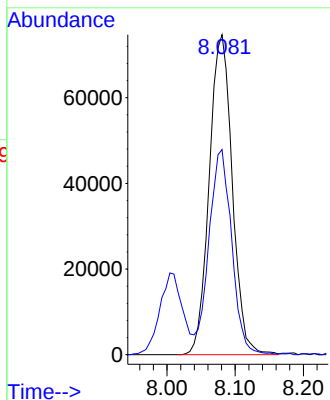
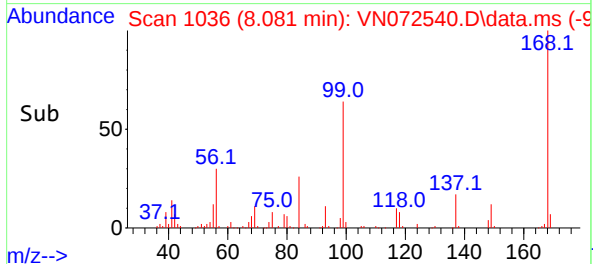
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 175719
Ion Ratio Lower Upper
168 100
99 63.8 42.3 63.5

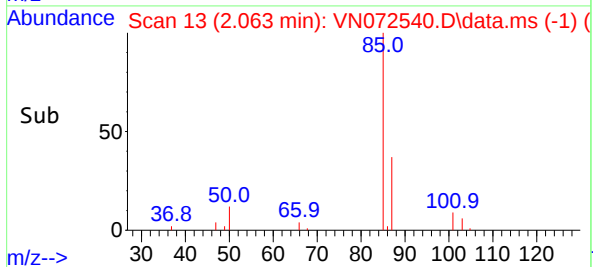
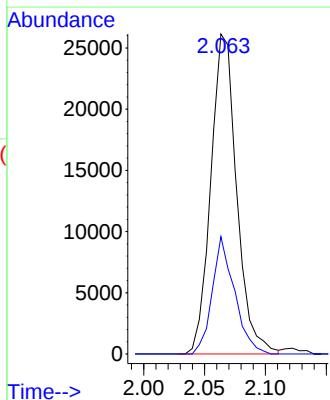
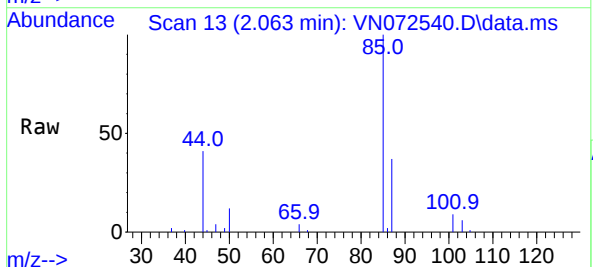
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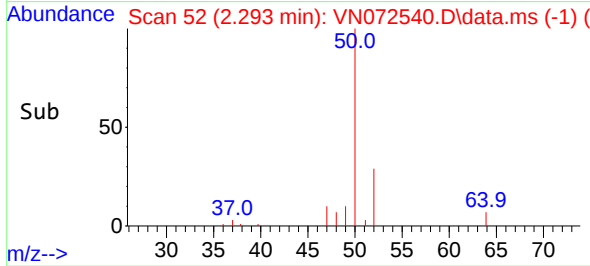
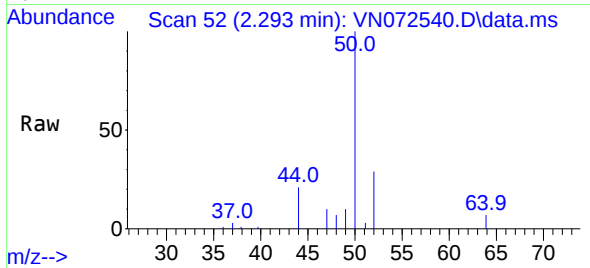
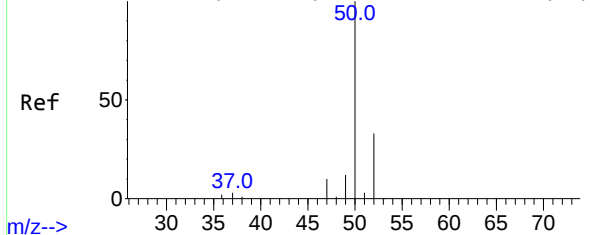


#2
Dichlorodifluoromethane
Concen: 18.186 ug/l
RT: 2.063 min Scan# 13
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Tgt Ion: 85 Resp: 38677
Ion Ratio Lower Upper
85 100
87 36.6 15.7 47.1



Abundance Scan 52 (2.293 min): VN072541.D\data.ms (-45)



#3

Chloromethane

Concen: 15.577 ug/l

RT: 2.293 min Scan# 51

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Tgt Ion: 50 Resp: 3504

Ion Ratio Lower Upper

50 100

52 29.1 25.7 38.5

Instrument :

MSVOA_N

ClientSampleId :

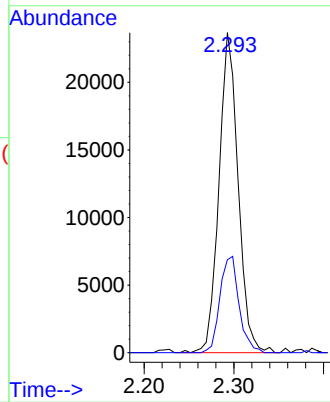
VSTDICC020

Manual Integrations

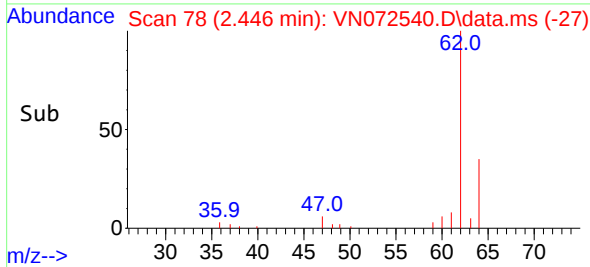
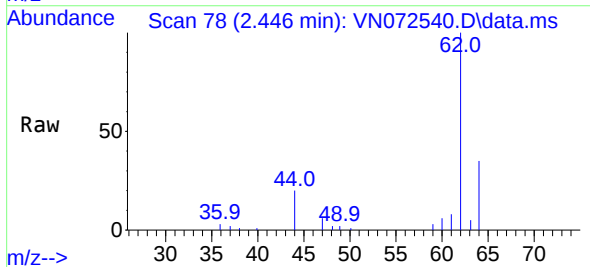
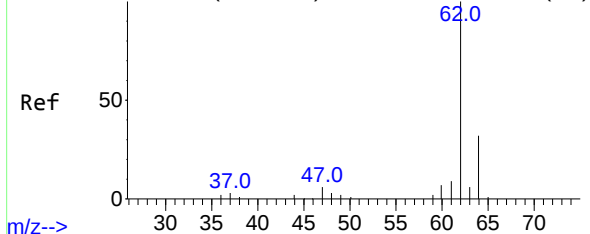
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Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/19/2022



Abundance Scan 78 (2.446 min): VN072541.D\data.ms (-71)



#4

Vinyl Chloride

Concen: 17.295 ug/l

RT: 2.446 min Scan# 78

Delta R.T. 0.000 min

Lab File: VN072540.D

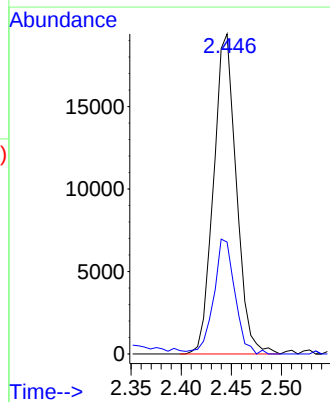
Acq: 18 May 2022 14:18

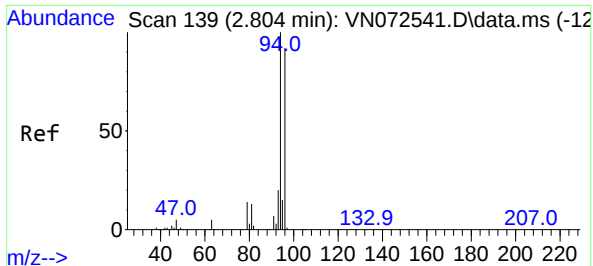
Tgt Ion: 62 Resp: 30600

Ion Ratio Lower Upper

62 100

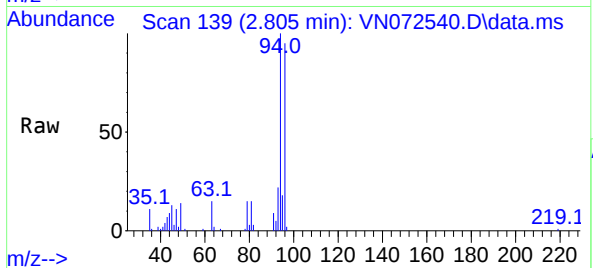
64 34.9 25.0 37.4





#5
Bromomethane
Concen: 24.947 ug/l
RT: 2.805 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

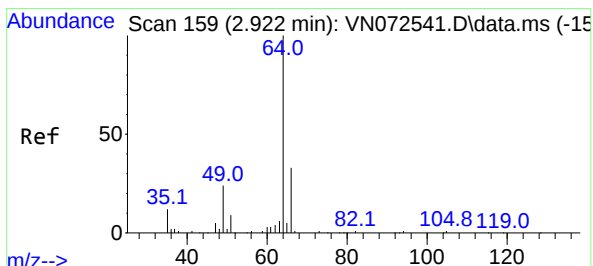
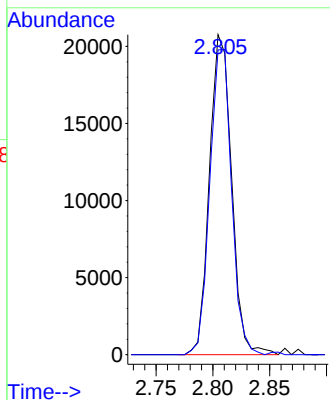
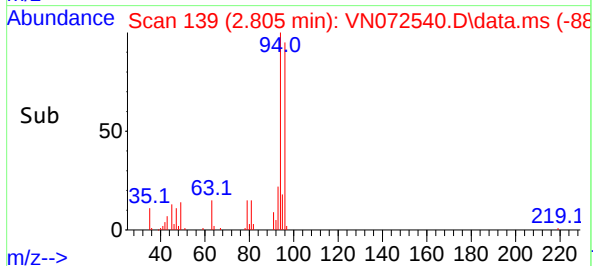
Instrument :
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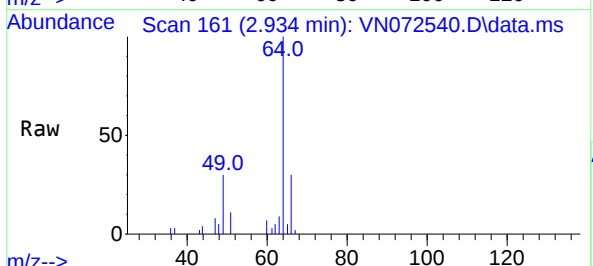
Tgt Ion: 94 Resp: 2808
Ion Ratio Lower Upper
94 100
96 95.3 76.0 114.0

Manual Integrations
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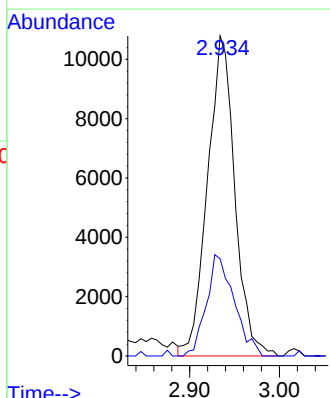
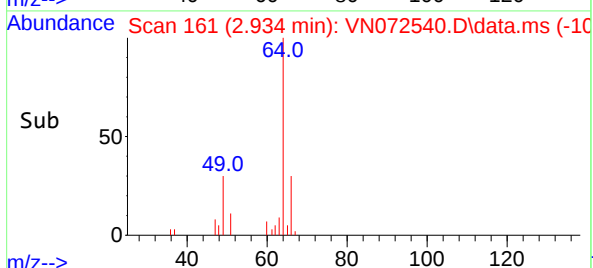
Reviewed By :John Carlone 05/19/2022
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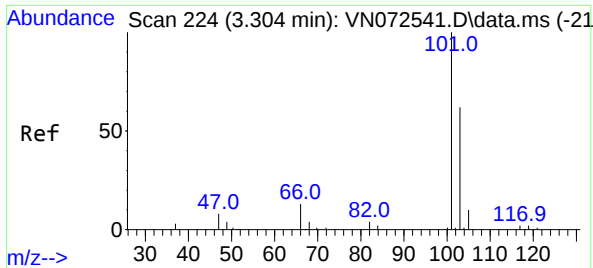


#6
Chloroethane
Concen: 18.933 ug/l
RT: 2.934 min Scan# 161
Delta R.T. 0.012 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18



Tgt Ion: 64 Resp: 22769
Ion Ratio Lower Upper
64 100
66 30.4 26.2 39.4





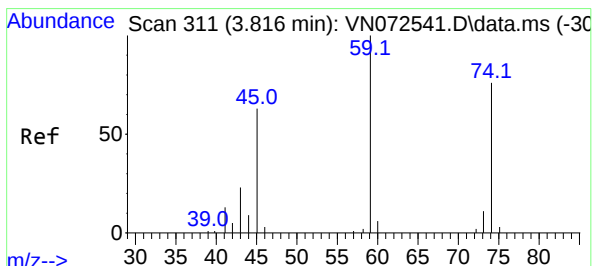
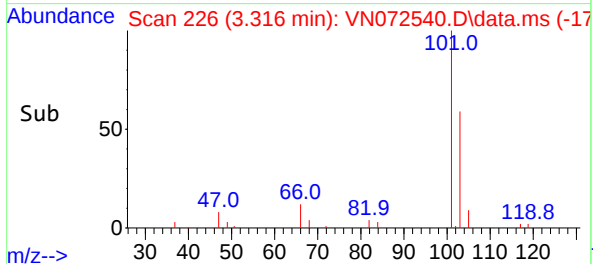
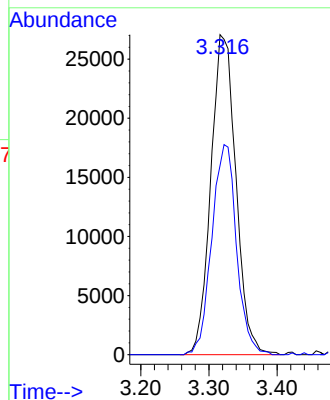
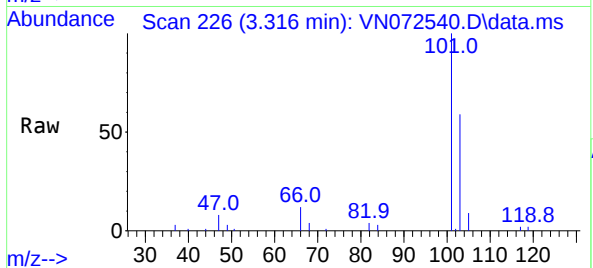
#7
Trichlorofluoromethane
Concen: 20.658 ug/l
RT: 3.316 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 6933
Ion Ratio Lower Upper
101 100
103 59.1 51.5 77.3

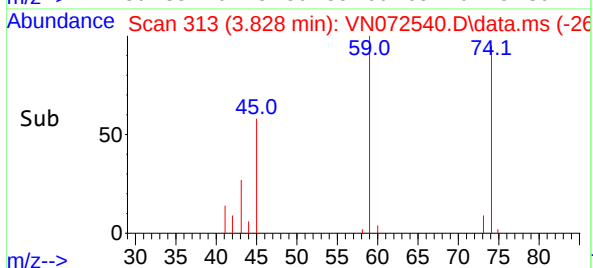
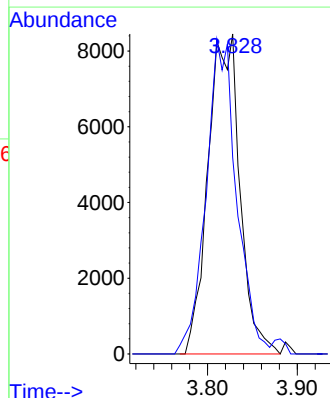
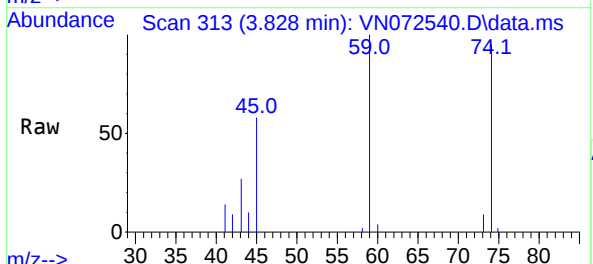
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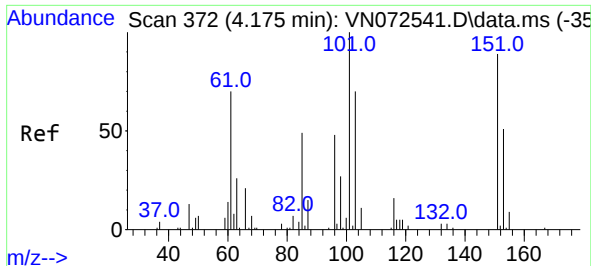
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#8
Diethyl Ether
Concen: 17.505 ug/l
RT: 3.828 min Scan# 313
Delta R.T. 0.012 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Tgt Ion: 74 Resp: 20746
Ion Ratio Lower Upper
74 100
45 94.9 42.9 128.5





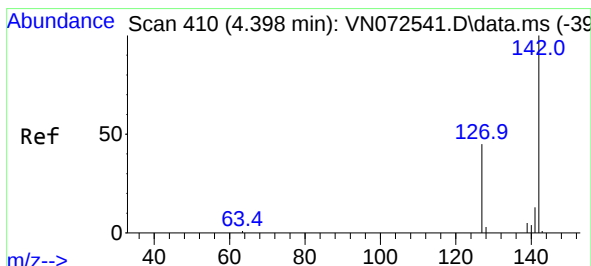
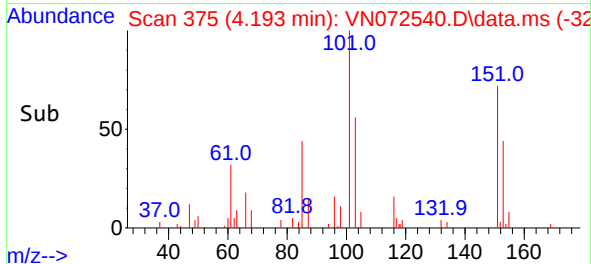
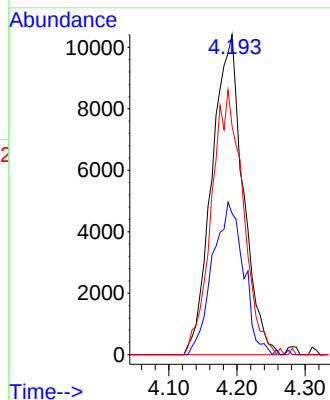
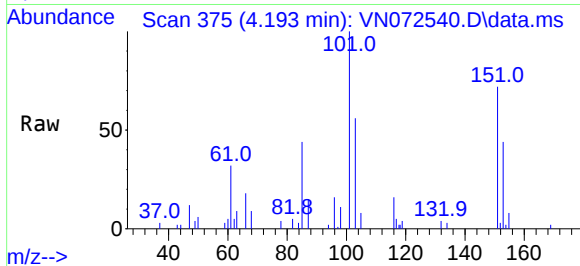
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.371 ug/l
RT: 4.193 min Scan# 375
Delta R.T. 0.018 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 33210
Ion Ratio Lower Upper
101 100
85 47.6 34.7 52.1
151 84.1 63.0 94.4

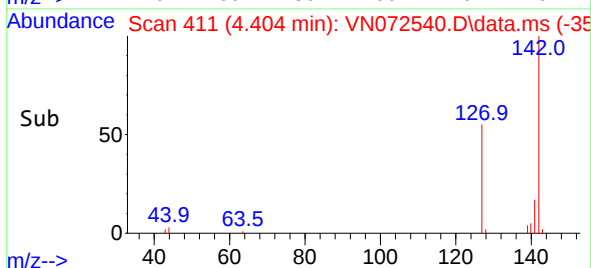
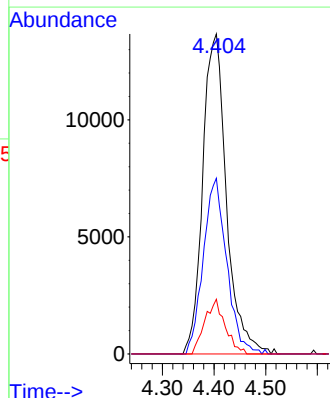
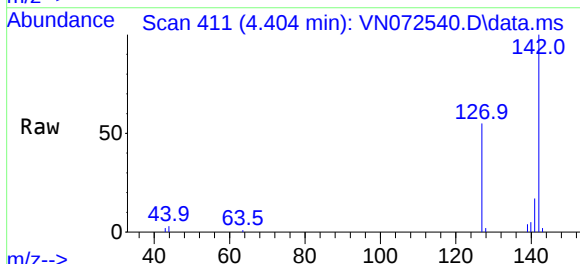
Manual Integrations
APPROVED

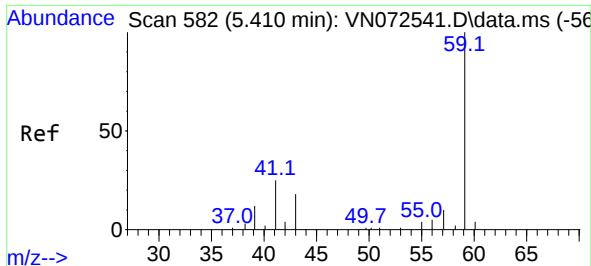
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#10
Methyl Iodide
Concen: 18.317 ug/l
RT: 4.404 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Tgt Ion:142 Resp: 43590
Ion Ratio Lower Upper
142 100
127 54.1 31.3 46.9#
141 14.7 11.2 16.8





#11
Tert butyl alcohol
Concen: 67.315 ug/l
RT: 5.404 min Scan# 581
Delta R.T. -0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

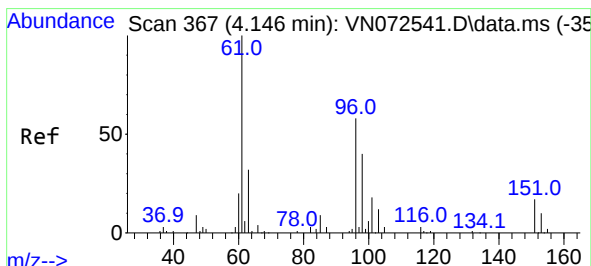
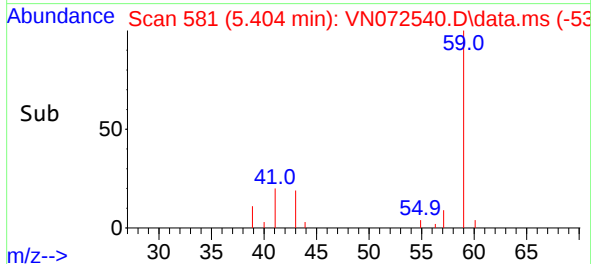
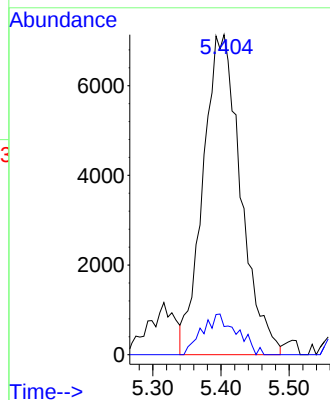
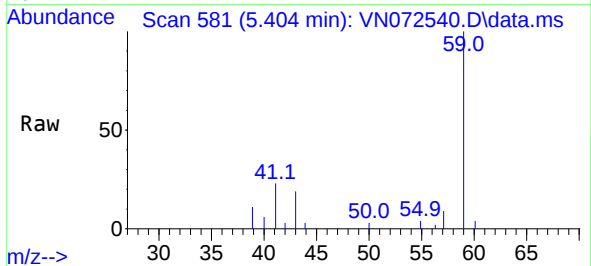
VSTDICC020

Tgt Ion: 59 Resp: 27392
Ion Ratio Lower Upper
59 100
57 11.6 8.3 12.5

Manual Integrations

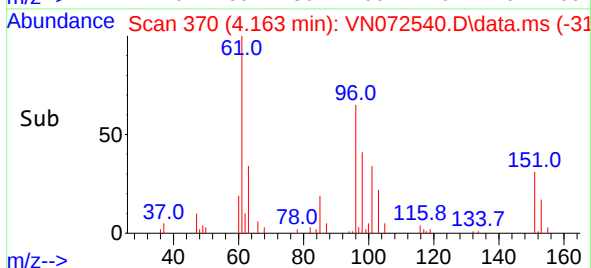
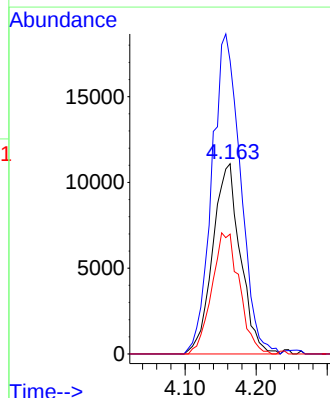
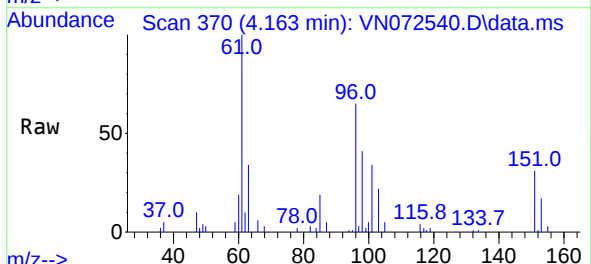
APPROVED

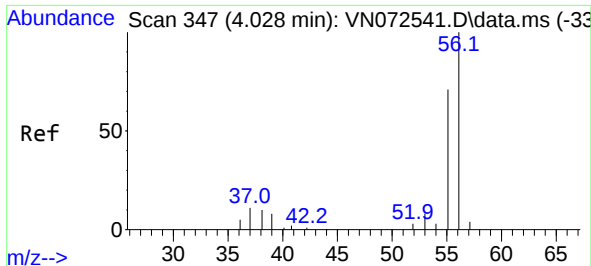
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#12
1,1-Dichloroethene
Concen: 17.734 ug/l
RT: 4.163 min Scan# 370
Delta R.T. 0.018 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Tgt Ion: 96 Resp: 29976
Ion Ratio Lower Upper
96 100
61 154.1 127.6 191.4
98 63.0 51.2 76.8





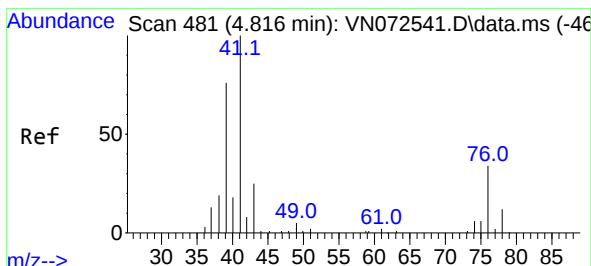
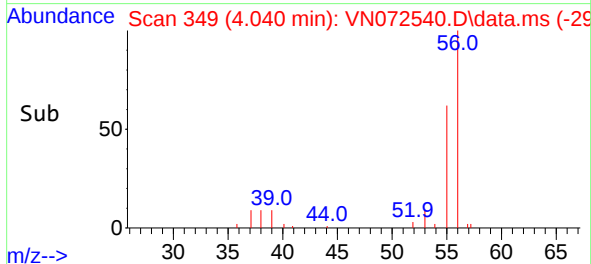
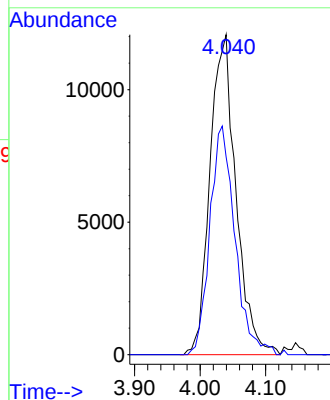
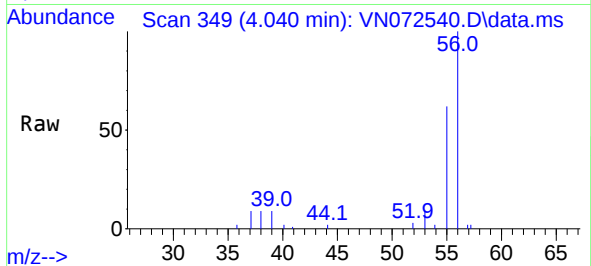
#13
Acrolein
Concen: 81.813 ug/l
RT: 4.040 min Scan# 347
Delta R.T. 0.012 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 33244
Ion Ratio Lower Upper
56 100
55 69.0 54.8 82.2

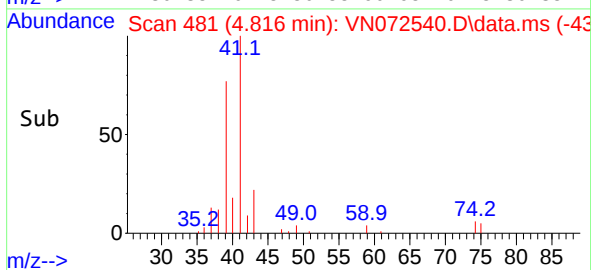
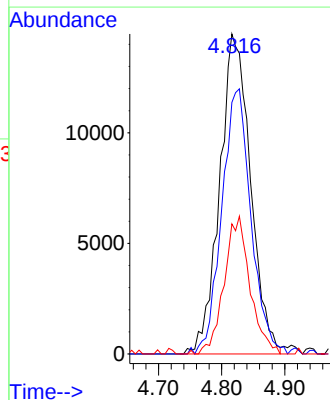
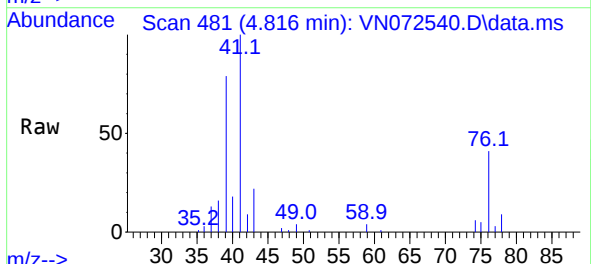
Manual Integrations
APPROVED

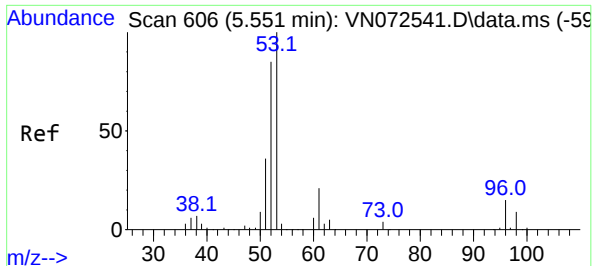
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#14
Allyl chloride
Concen: 15.544 ug/l
RT: 4.816 min Scan# 481
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

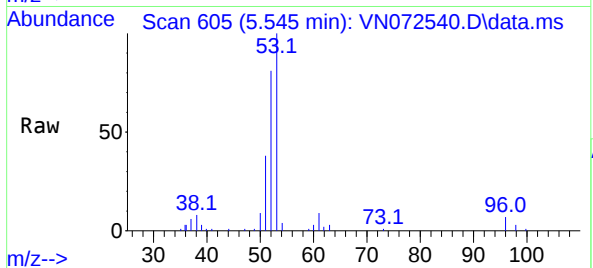
Tgt Ion: 41 Resp: 48968
Ion Ratio Lower Upper
41 100
39 78.6 53.2 79.8
76 36.0 29.9 44.9





#15
Acrylonitrile
Concen: 85.548 ug/l
RT: 5.545 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

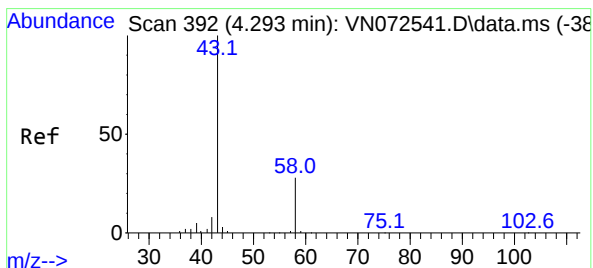
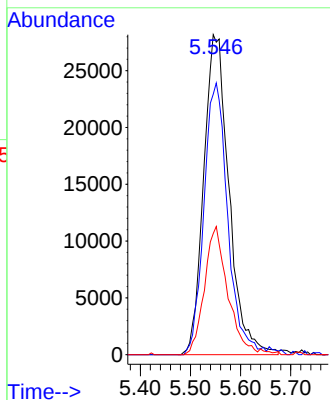
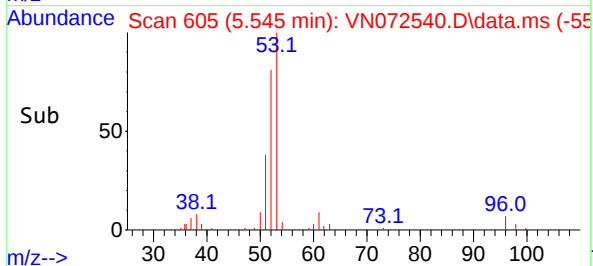
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 9865
Ion Ratio Lower Upper
53 100
52 79.6 66.4 99.6
51 36.7 28.5 42.7

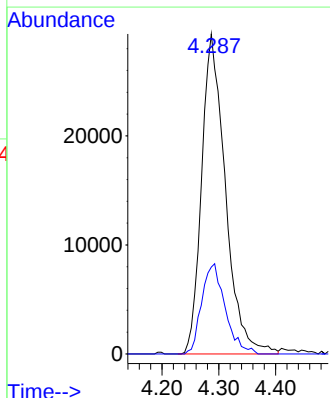
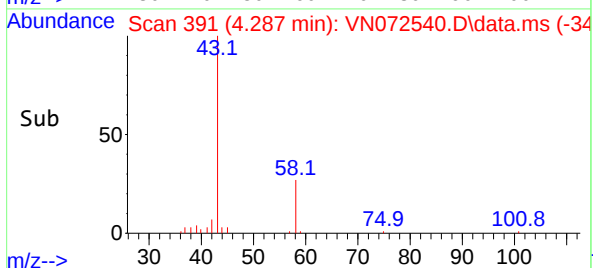
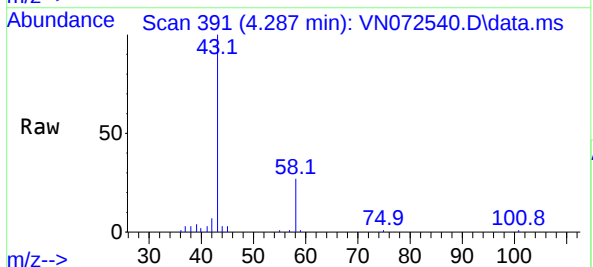
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

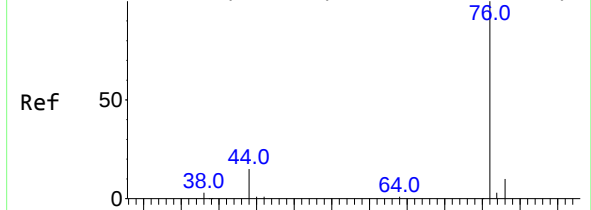


#16
Acetone
Concen: 84.187 ug/l
RT: 4.287 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Tgt Ion: 43 Resp: 85270
Ion Ratio Lower Upper
43 100
58 27.2 26.0 39.0

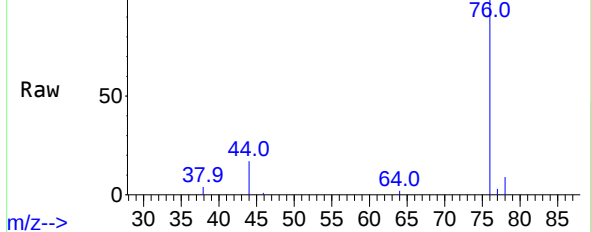


Abundance Scan 428 (4.504 min): VN072541.D\data.ms (-41



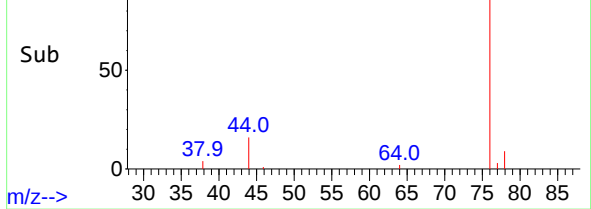
m/z-->

Abundance Scan 429 (4.510 min): VN072540.D\data.ms



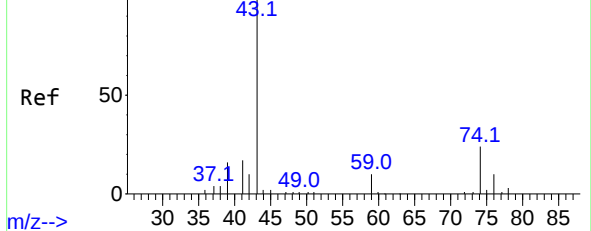
m/z-->

Abundance Scan 429 (4.510 min): VN072540.D\data.ms (-37



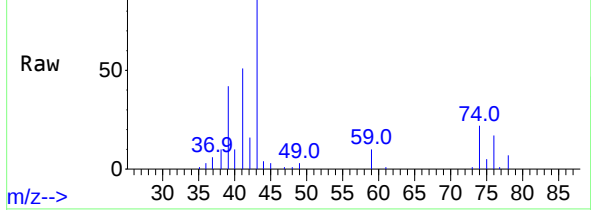
m/z-->

Abundance Scan 486 (4.845 min): VN072541.D\data.ms (-47



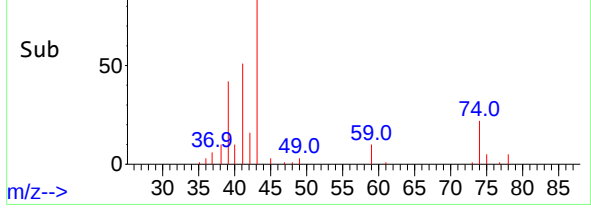
m/z-->

Abundance Scan 486 (4.846 min): VN072540.D\data.ms



m/z-->

Abundance Scan 486 (4.846 min): VN072540.D\data.ms (-43



m/z-->

#17

Carbon Disulfide

Concen: 16.659 ug/l

RT: 4.510 min Scan# 429

Delta R.T. 0.006 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Tgt Ion: 76 Resp: 7314

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8

Instrument :

MSVOA_N

ClientSampleId :

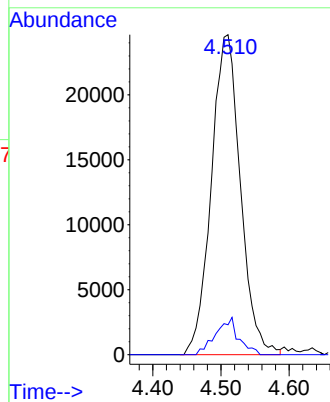
VSTDICC020

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/19/2022



#18

Methyl Acetate

Concen: 15.402 ug/l

RT: 4.846 min Scan# 486

Delta R.T. 0.000 min

Lab File: VN072540.D

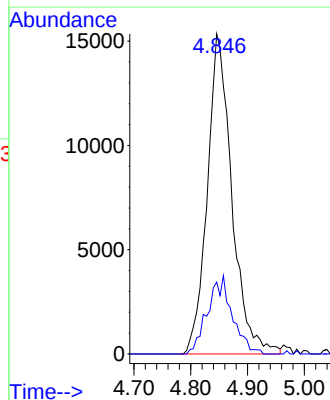
Acq: 18 May 2022 14:18

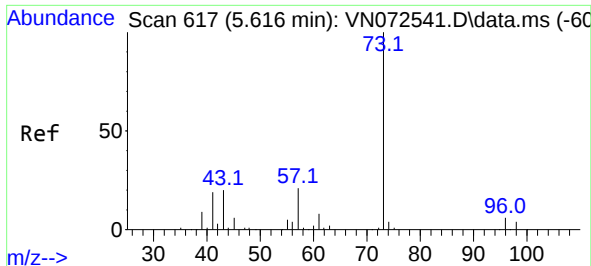
Tgt Ion: 43 Resp: 46100

Ion Ratio Lower Upper

43 100

74 24.5 21.6 32.4





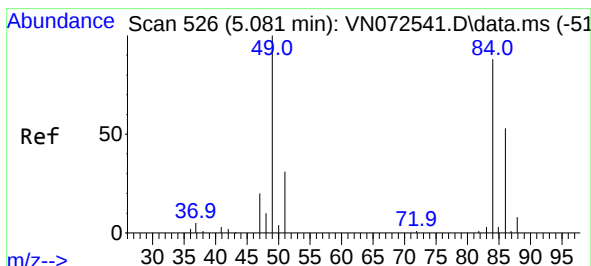
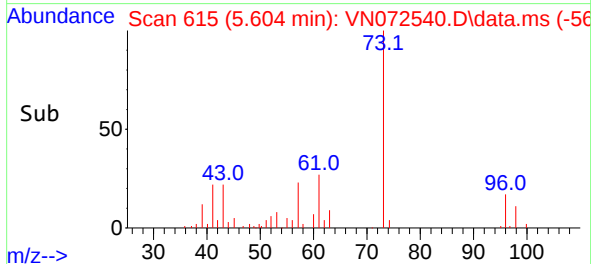
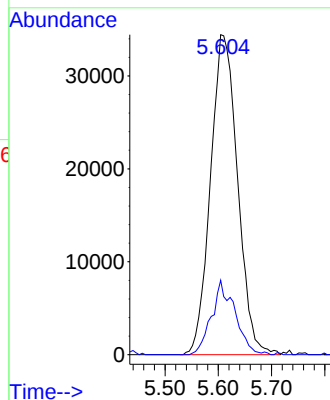
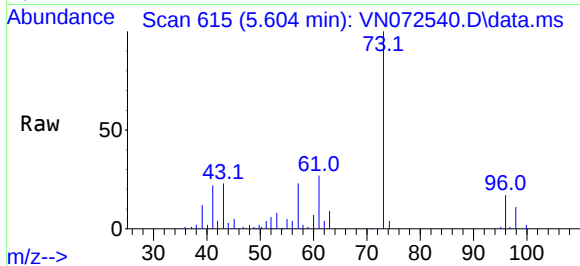
#19
Methyl tert-butyl Ether
Concen: 19.495 ug/l
RT: 5.604 min Scan# 617
Delta R.T. -0.012 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 121673
Ion Ratio Lower Upper
73 100
57 23.3 17.6 26.4

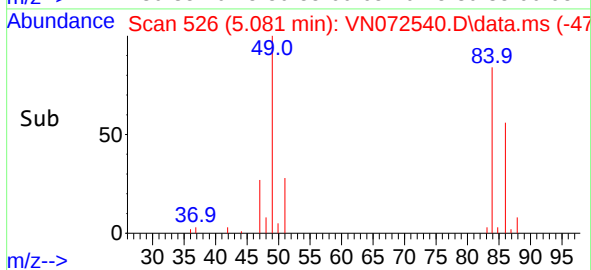
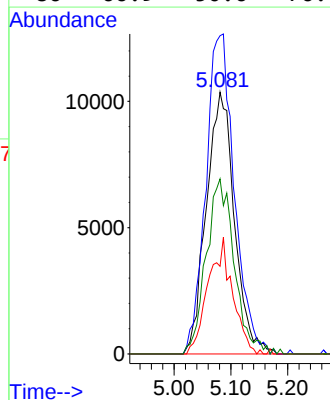
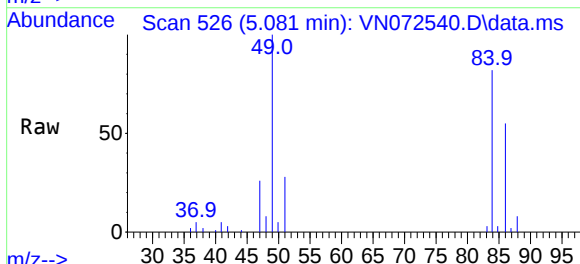
Manual Integrations
APPROVED

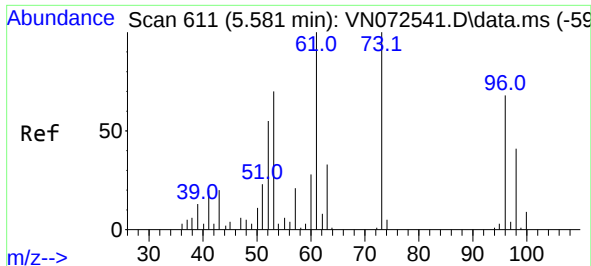
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#20
Methylene Chloride
Concen: 16.726 ug/l
RT: 5.081 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

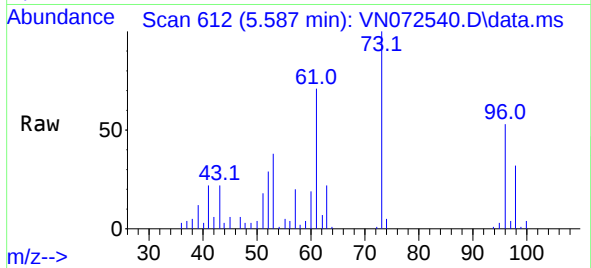
Tgt Ion: 84 Resp: 35673
Ion Ratio Lower Upper
84 100
49 121.6 88.3 132.5
51 33.5 28.2 42.2
86 66.9 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 18.010 ug/l
RT: 5.587 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

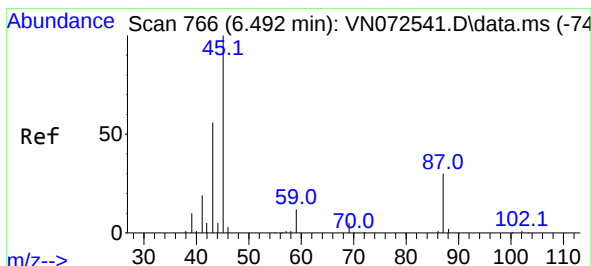
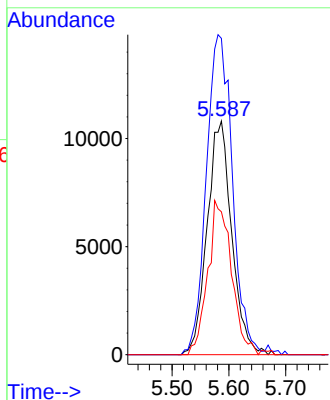
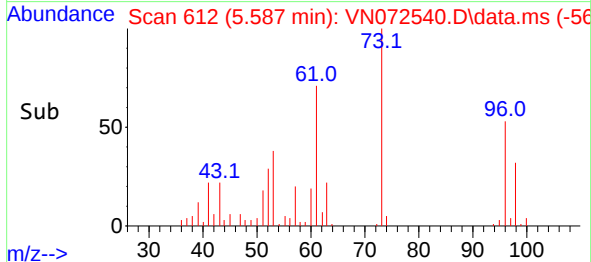
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



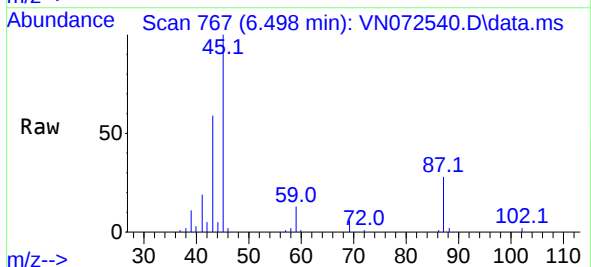
Tgt Ion: 96 Resp: 32509
Ion Ratio Lower Upper
96 100
61 135.4 105.8 158.8
98 61.1 50.3 75.5

Manual Integrations
APPROVED

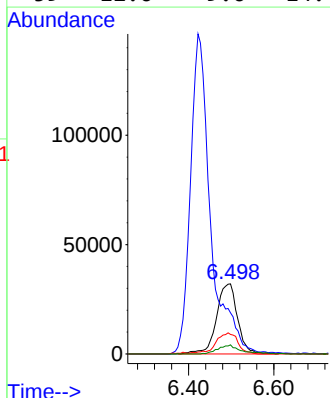
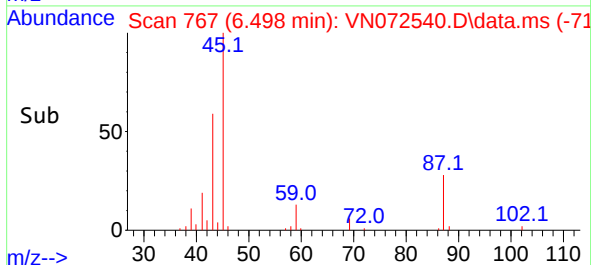
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

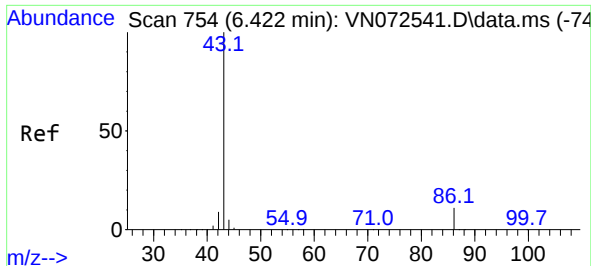


#22
Diisopropyl ether
Concen: 16.943 ug/l
RT: 6.498 min Scan# 767
Delta R.T. 0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18



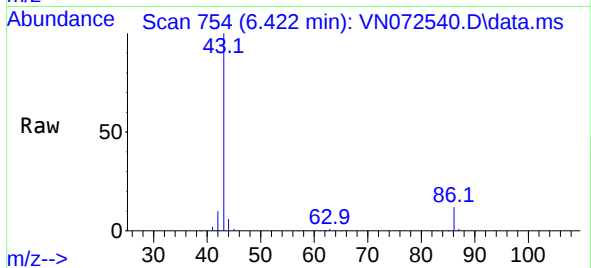
Tgt Ion: 45 Resp: 109541
Ion Ratio Lower Upper
45 100
43 56.4 46.6 70.0
87 27.9 24.3 36.5
59 12.6 9.6 14.4





#23
 Vinyl Acetate
 Concen: 88.902 ug/l
 RT: 6.422 min Scan# 754
 Delta R.T. 0.000 min
 Lab File: VN072540.D
 Acq: 18 May 2022 14:18

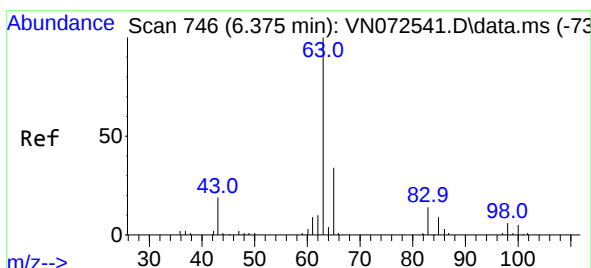
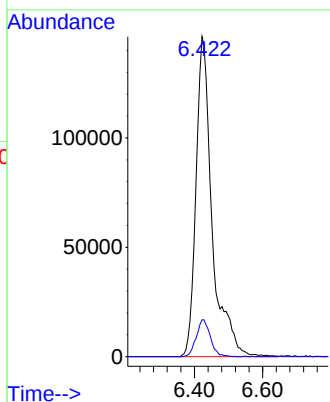
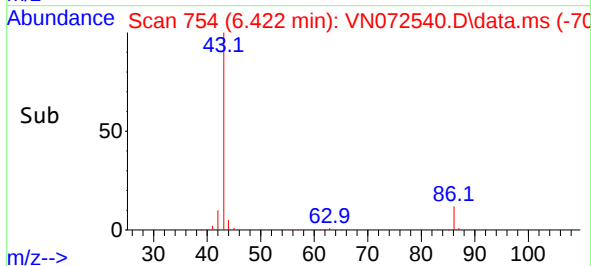
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



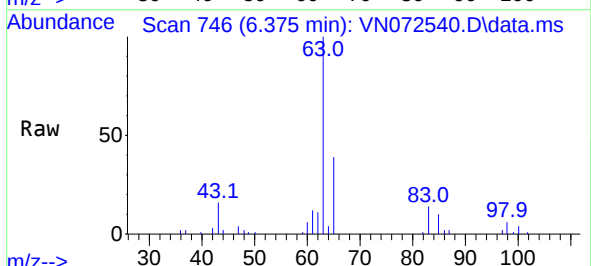
Tgt Ion: 43 Resp: 48098
 Ion Ratio Lower Upper
 43 100
 86 11.5 10.0 15.0

Manual Integrations
 APPROVED

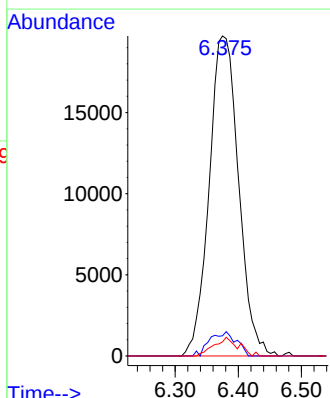
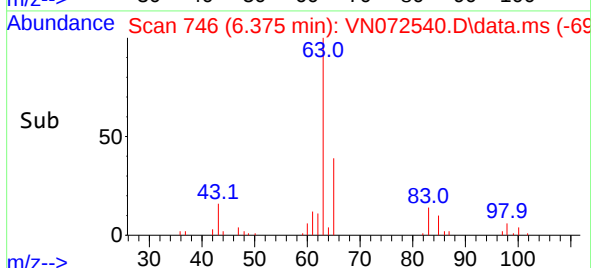
Reviewed By :John Carlone 05/19/2022
 Supervised By :Mahesh Dadoda 05/19/2022

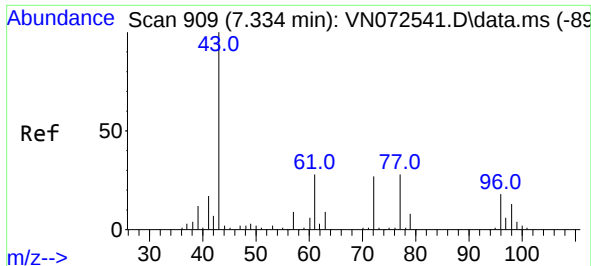


#24
 1,1-Dichloroethane
 Concen: 17.433 ug/l
 RT: 6.375 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VN072540.D
 Acq: 18 May 2022 14:18



Tgt Ion: 63 Resp: 63888
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.4
 100 4.4 2.3 6.8





#25

2-Butanone

Concen: 81.151 ug/l

RT: 7.334 min Scan# 909

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 13059

Ion Ratio Lower Upper

43 100

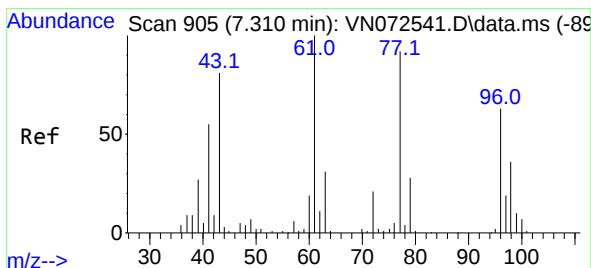
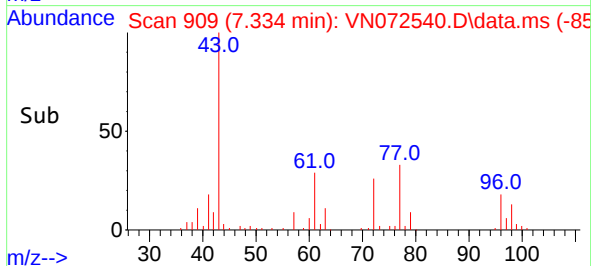
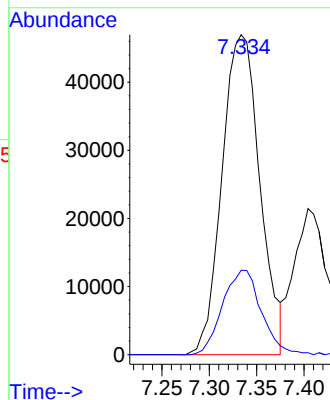
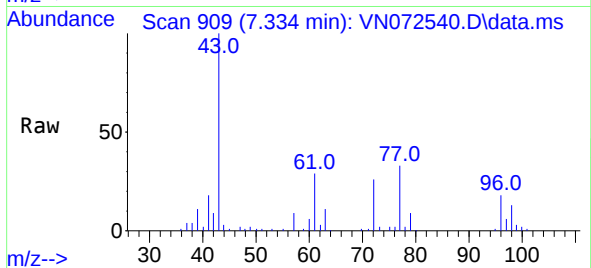
72 26.4 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/19/2022



#26

2,2-Dichloropropane

Concen: 20.293 ug/l

RT: 7.316 min Scan# 906

Delta R.T. 0.006 min

Lab File: VN072540.D

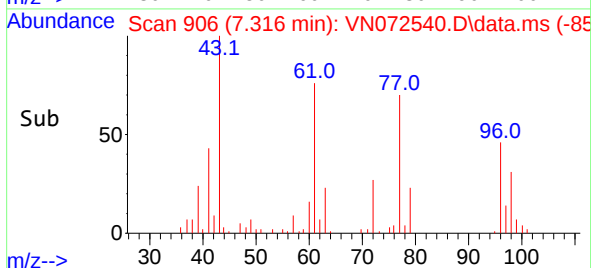
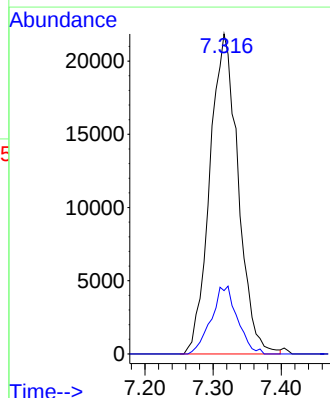
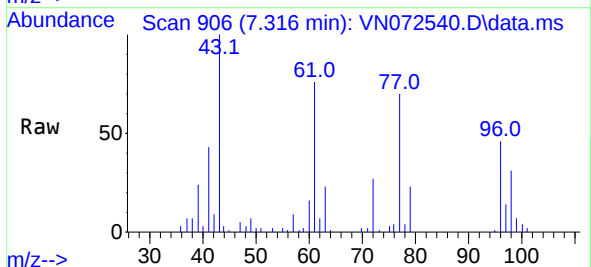
Acq: 18 May 2022 14:18

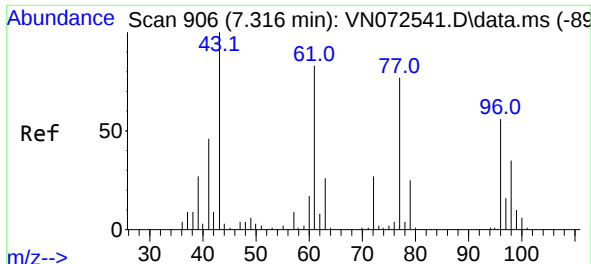
Tgt Ion: 77 Resp: 63201

Ion Ratio Lower Upper

77 100

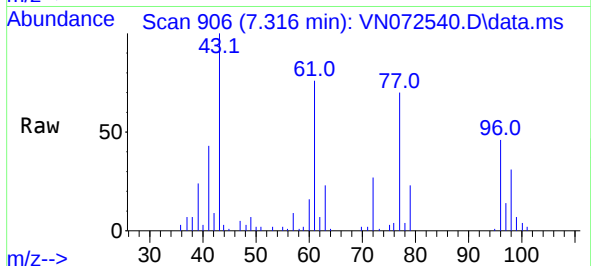
97 19.5 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 19.015 ug/l
 RT: 7.316 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VN072540.D
 Acq: 18 May 2022 14:18

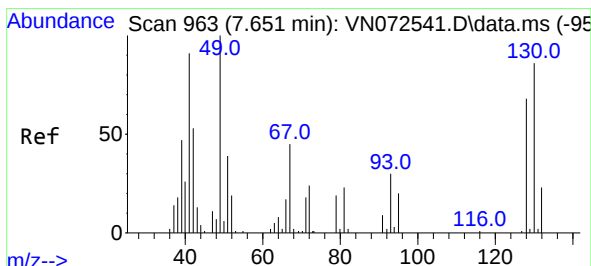
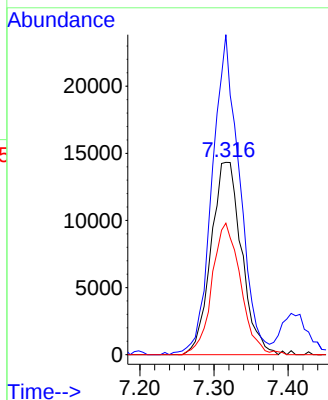
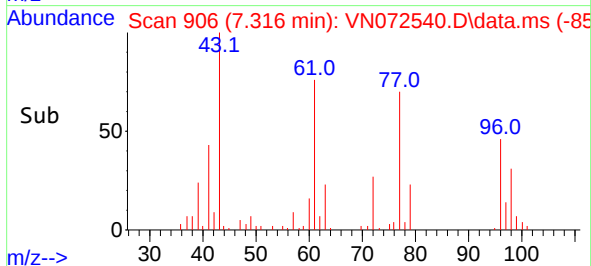
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



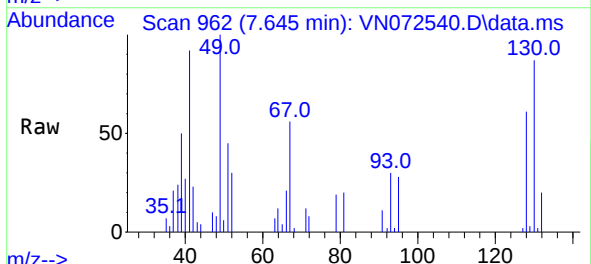
Tgt Ion: 96 Resp: 4098
 Ion Ratio Lower Upper
 96 100
 61 149.5 0.0 280.6
 98 63.7 0.0 128.4

Manual Integrations
 APPROVED

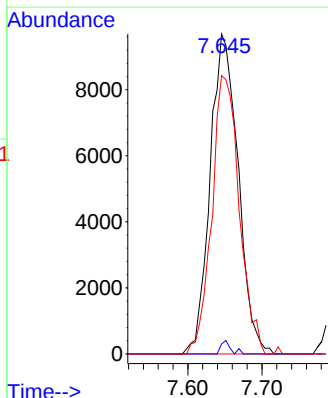
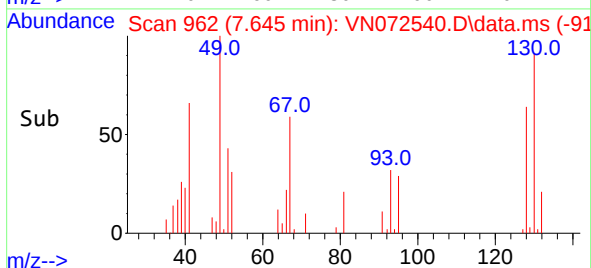
Reviewed By :John Carlone 05/19/2022
 Supervised By :Mahesh Dadoda 05/19/2022

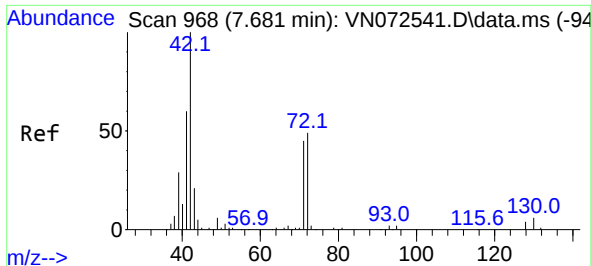


#28
 Bromochloromethane
 Concen: 16.309 ug/l
 RT: 7.645 min Scan# 962
 Delta R.T. -0.006 min
 Lab File: VN072540.D
 Acq: 18 May 2022 14:18



Tgt Ion: 49 Resp: 25450
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.6
 130 84.7 69.7 104.5





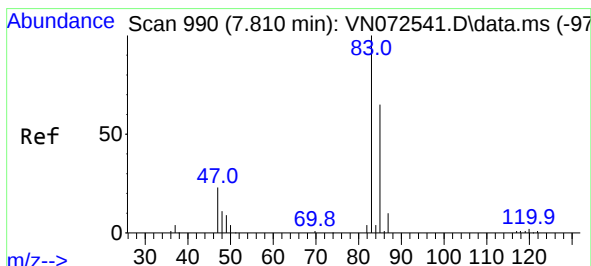
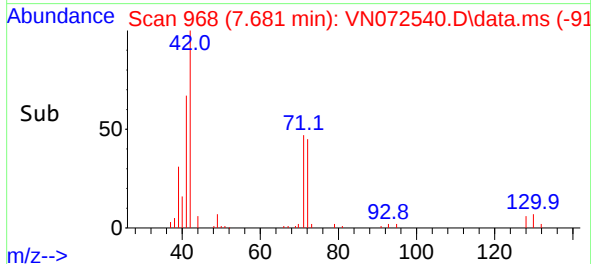
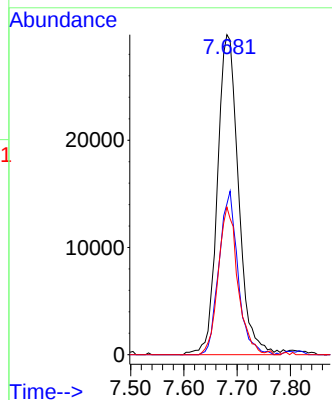
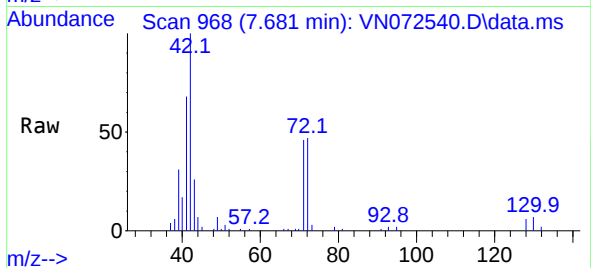
#29
Tetrahydrofuran
Concen: 78.638 ug/l
RT: 7.681 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 42 Resp: 82118
Ion Ratio Lower Upper
42 100
72 45.9 39.7 59.5
71 42.8 36.6 55.0

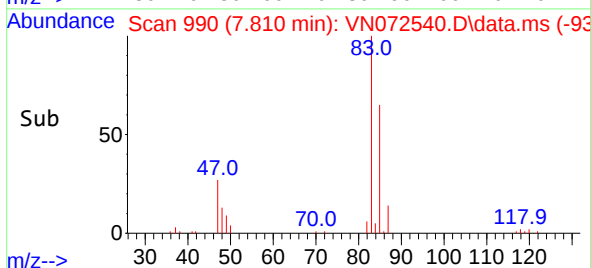
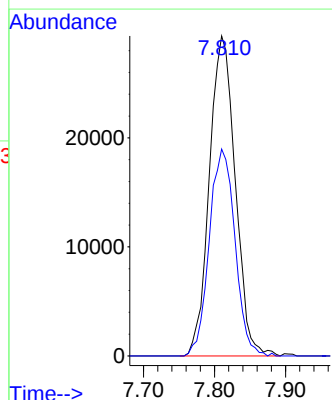
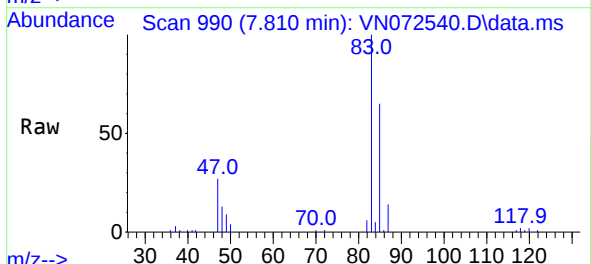
Manual Integrations
APPROVED

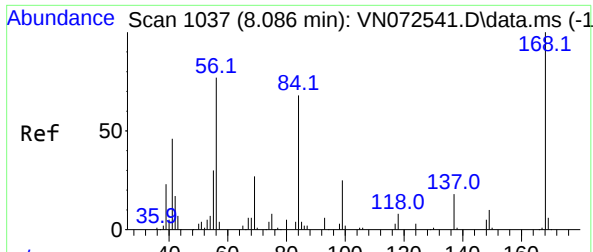
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#30
Chloroform
Concen: 19.717 ug/l
RT: 7.810 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

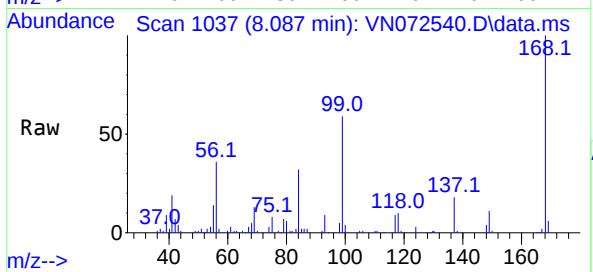
Tgt Ion: 83 Resp: 74387
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.8





#31
Cyclohexane
Concen: 17.141 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

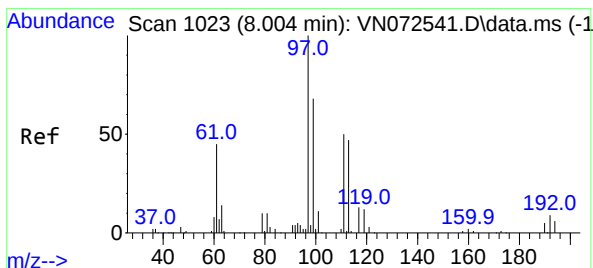
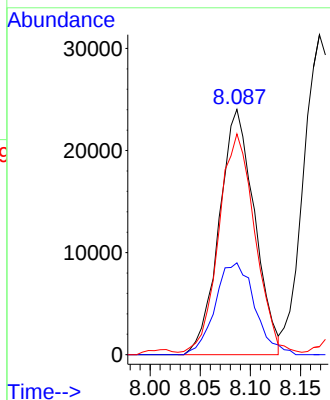
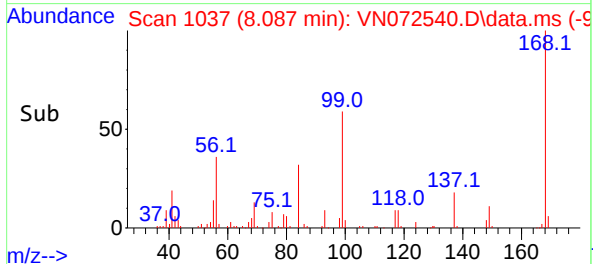
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



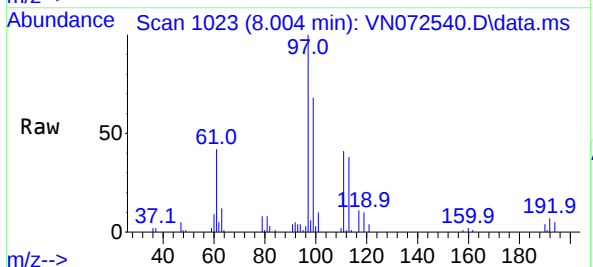
Tgt Ion: 56 Resp: 59014
Ion Ratio Lower Upper
56 100
69 37.4 27.8 41.8
84 89.1 76.9 115.3

Manual Integrations
APPROVED

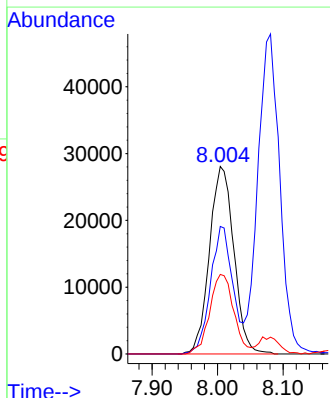
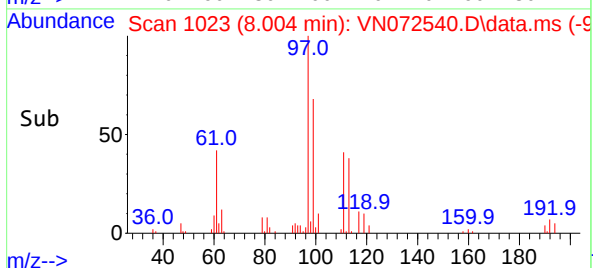
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

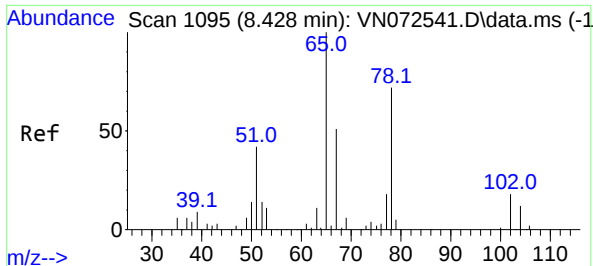


#32
1,1,1-Trichloroethane
Concen: 20.842 ug/l
RT: 8.004 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18



Tgt Ion: 97 Resp: 72532
Ion Ratio Lower Upper
97 100
99 62.7 50.6 76.0
61 41.8 36.0 54.0





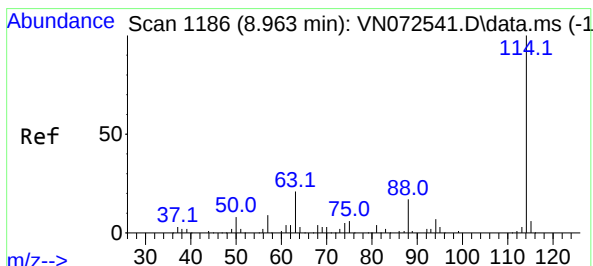
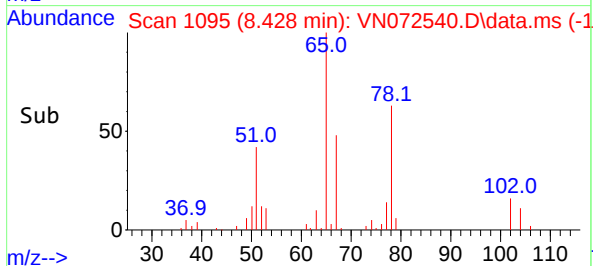
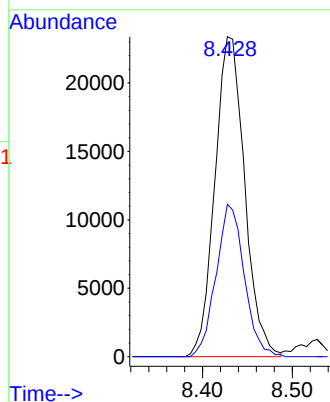
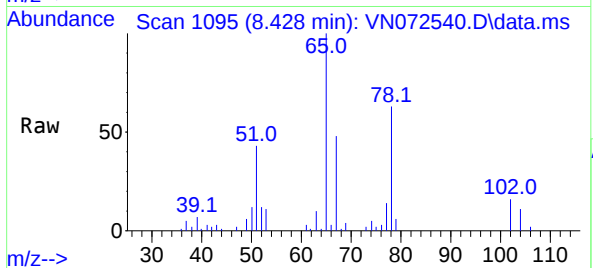
#33
1,2-Dichloroethane-d4
Concen: 19.917 ug/l
RT: 8.428 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 65 Resp: 53818
Ion Ratio Lower Upper
65 100
67 45.2 0.0 104.8

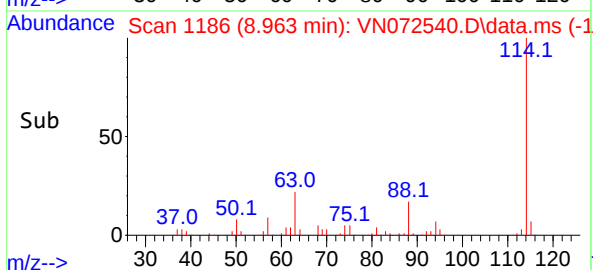
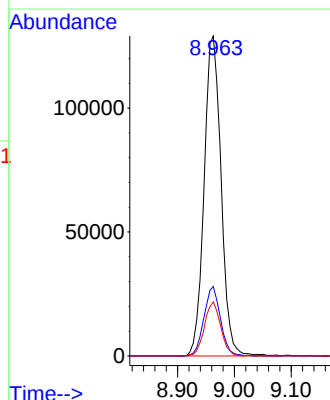
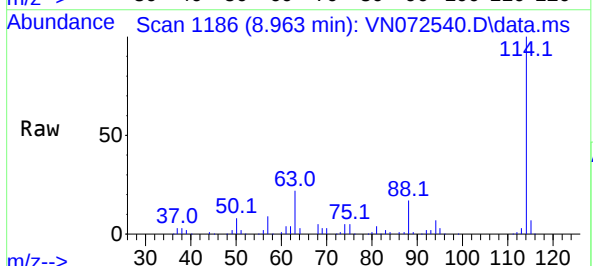
Manual Integrations
APPROVED

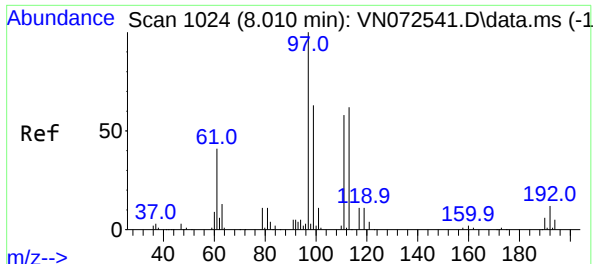
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

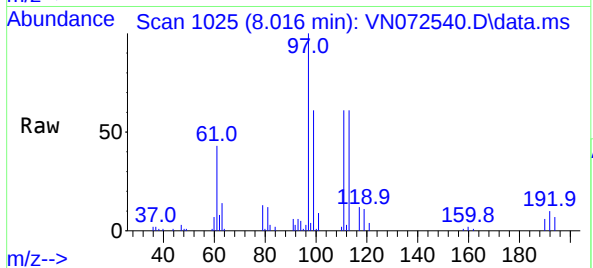
Tgt Ion:114 Resp: 267423
Ion Ratio Lower Upper
114 100
63 21.7 0.0 40.0
88 16.9 0.0 32.6





#35
Dibromofluoromethane
Concen: 19.615 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

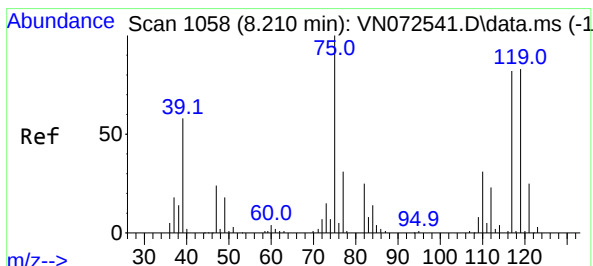
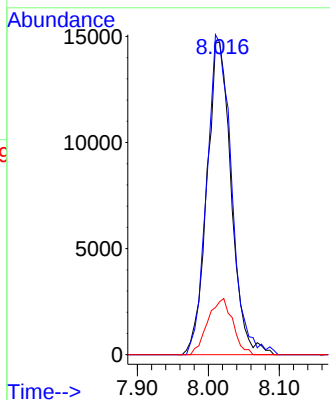
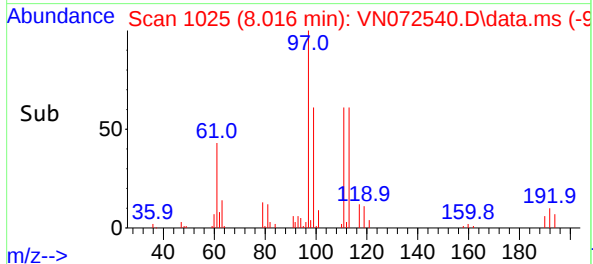
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



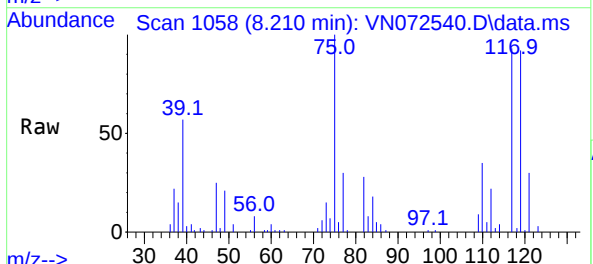
Tgt Ion:113 Resp: 35062
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.0
192 18.3 17.0 25.6

Manual Integrations
APPROVED

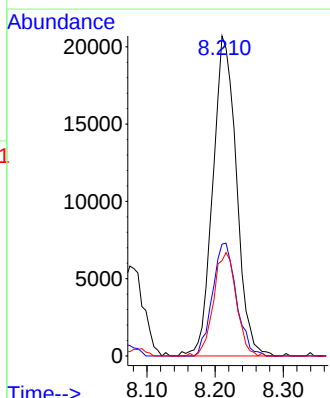
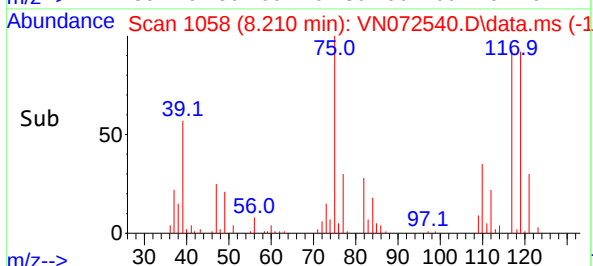
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

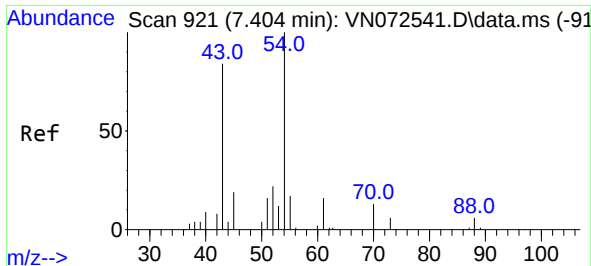


#36
1,1-Dichloropropene
Concen: 19.888 ug/l
RT: 8.210 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18



Tgt Ion: 75 Resp: 49802
Ion Ratio Lower Upper
75 100
110 35.7 18.3 54.8
77 31.1 25.1 37.7





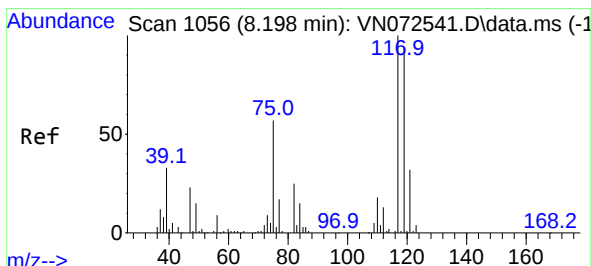
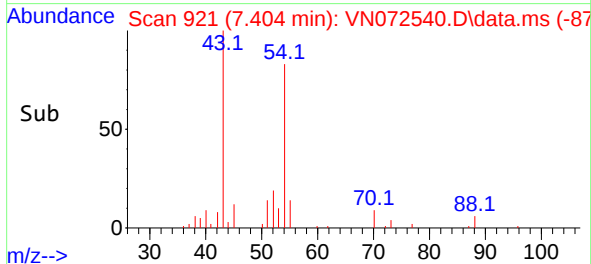
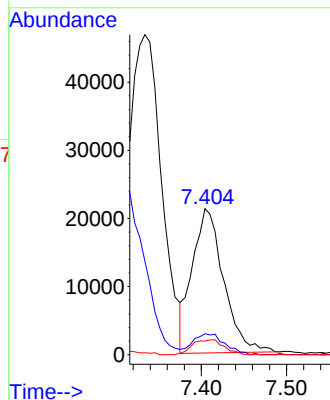
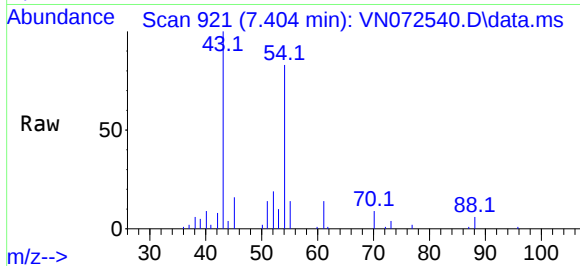
#37
Ethyl Acetate
Concen: 18.429 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 5415
Ion Ratio Lower Upper
43 100
61 14.9 11.8 17.6
70 10.4 9.3 13.9

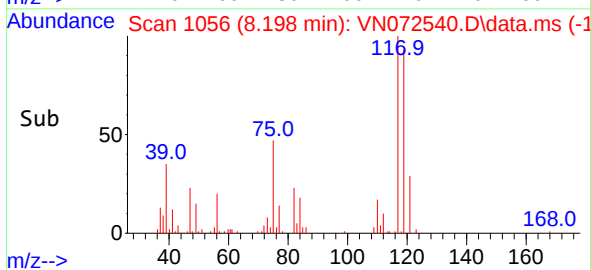
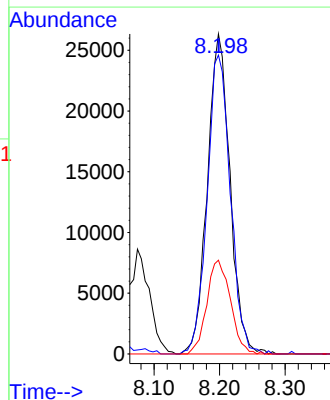
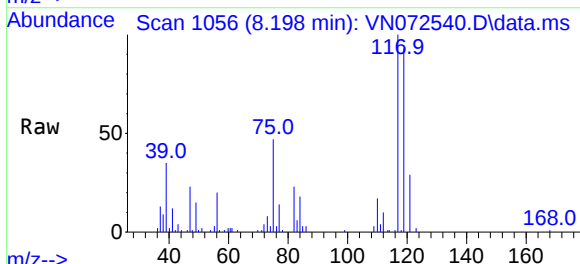
Manual Integrations
APPROVED

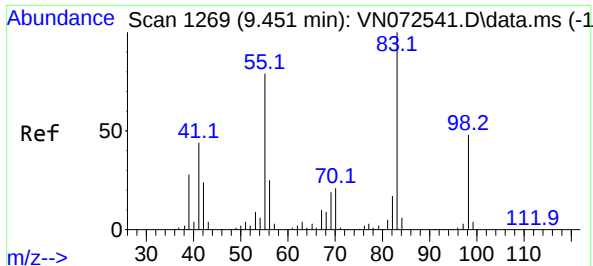
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#38
Carbon Tetrachloride
Concen: 22.335 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Tgt Ion:117 Resp: 63159
Ion Ratio Lower Upper
117 100
119 93.4 75.8 113.8
121 29.3 24.6 37.0





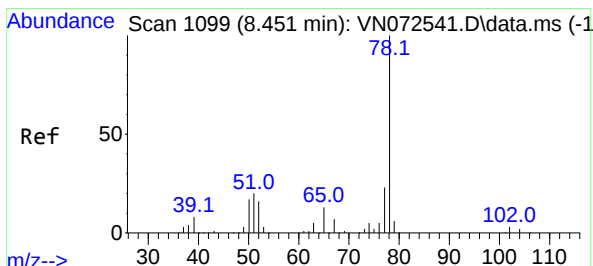
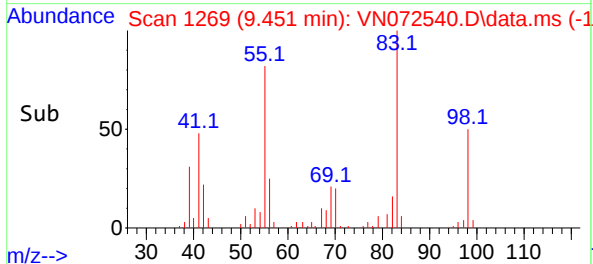
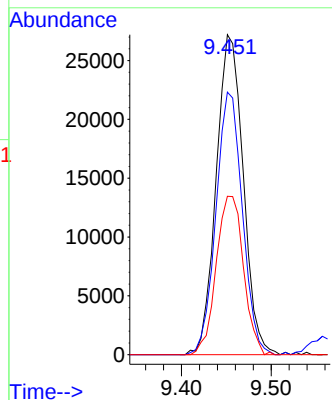
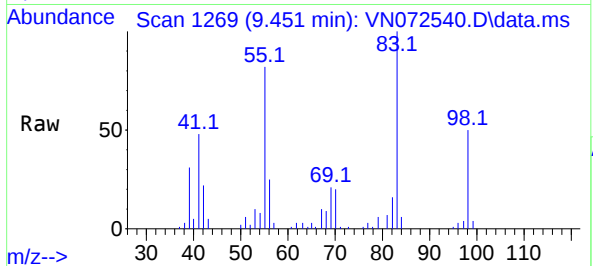
#39
Methylcyclohexane
Concen: 20.318 ug/l
RT: 9.451 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 5681
Ion Ratio Lower Upper
83 100
55 82.0 57.8 86.8
98 49.5 39.4 59.2

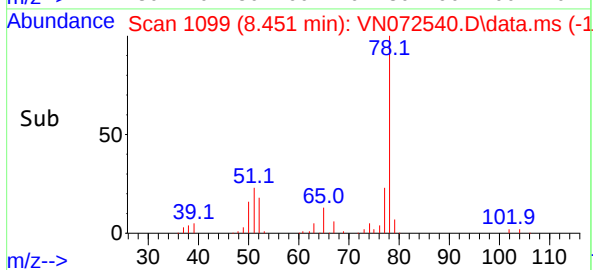
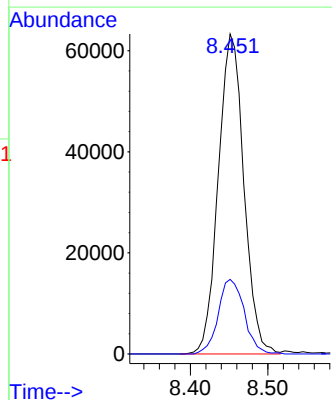
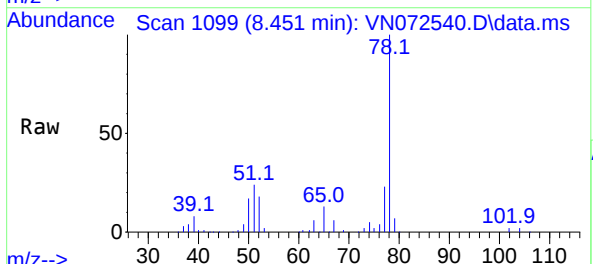
Manual Integrations
APPROVED

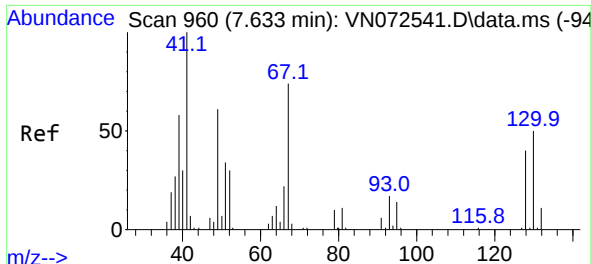
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#40
Benzene
Concen: 19.443 ug/l
RT: 8.451 min Scan# 1099
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

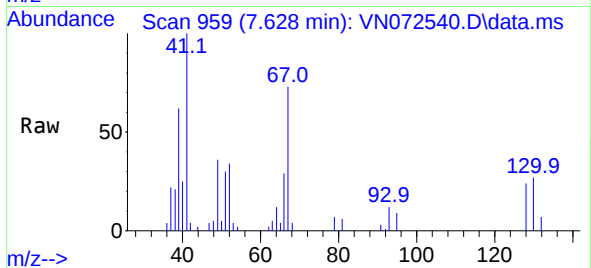
Tgt Ion: 78 Resp: 145288
Ion Ratio Lower Upper
78 100
77 23.3 19.4 29.0





#41
Methacrylonitrile
Concen: 17.709 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

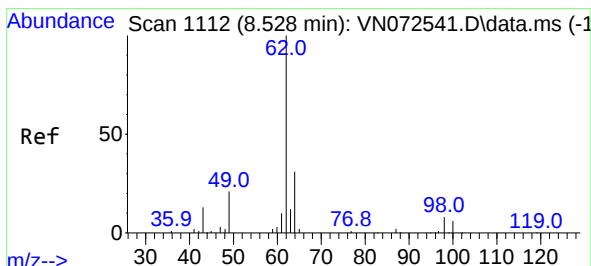
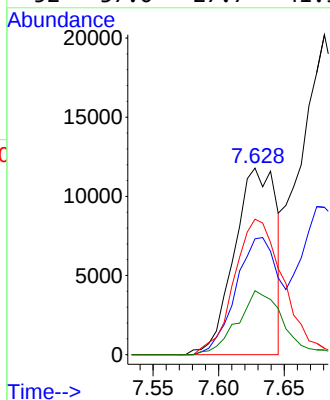
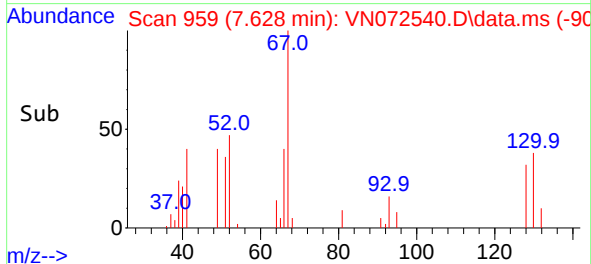
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



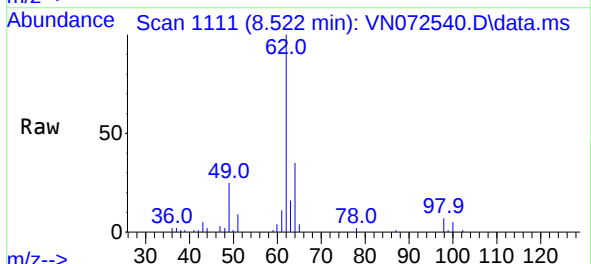
Tgt Ion: 41 Resp: 26290
Ion Ratio Lower Upper
41 100
39 65.0 48.6 73.0
67 84.9 73.4 110.2
52 37.0 27.7 41.5

Manual Integrations
APPROVED

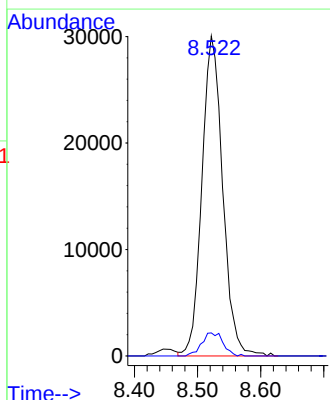
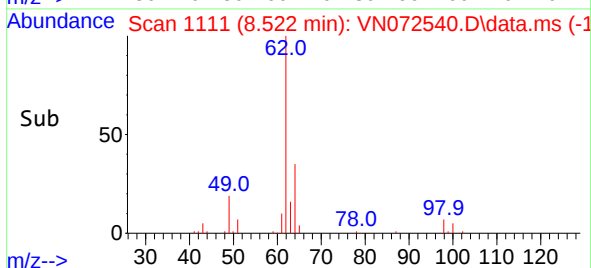
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

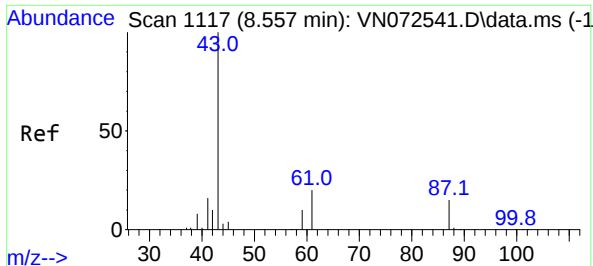


#42
1,2-Dichloroethane
Concen: 22.580 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18



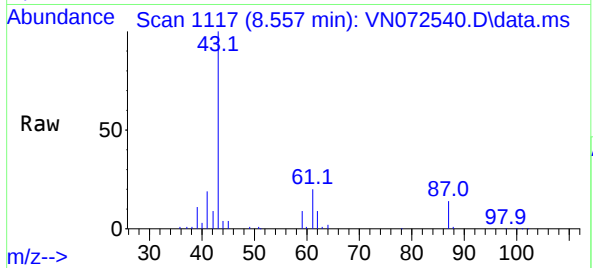
Tgt Ion: 62 Resp: 68800
Ion Ratio Lower Upper
62 100
98 7.5 0.0 19.4





#43
Isopropyl Acetate
Concen: 19.193 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

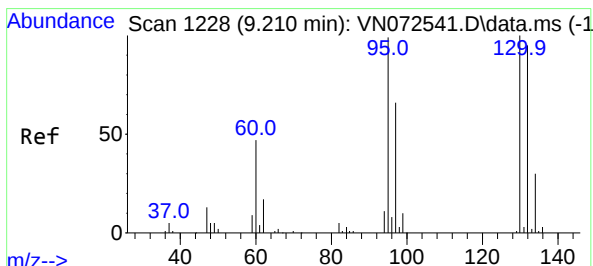
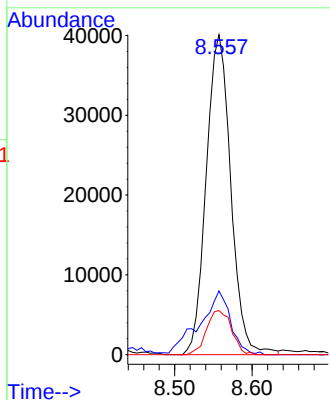
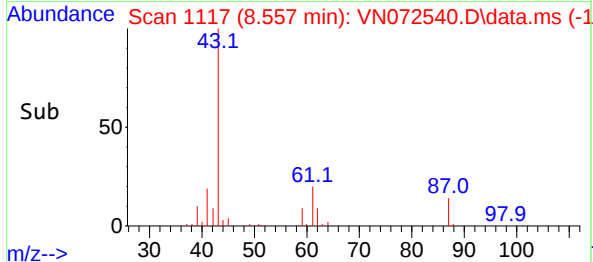
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



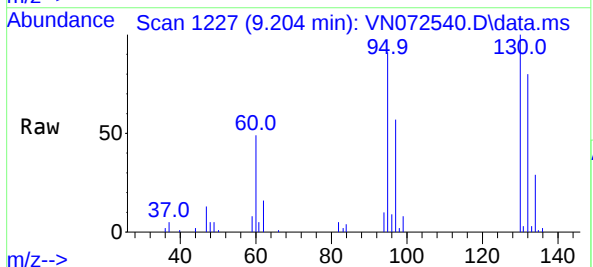
Tgt Ion: 43 Resp: 8830
Ion Ratio Lower Upper
43 100
61 25.1 21.9 32.9
87 14.0 12.0 18.0

Manual Integrations
APPROVED

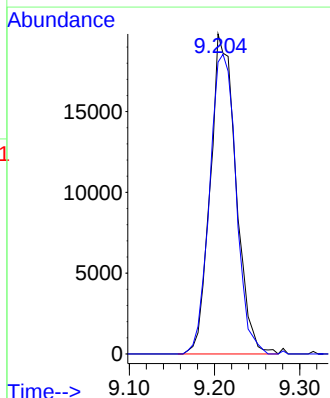
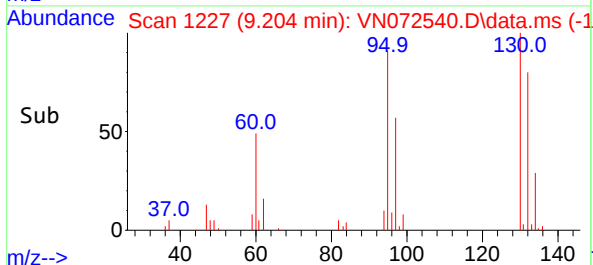
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

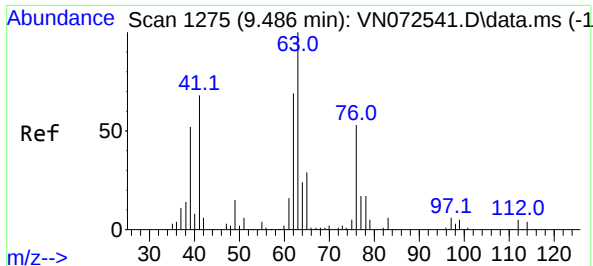


#44
Trichloroethene
Concen: 21.744 ug/l
RT: 9.204 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18



Tgt Ion:130 Resp: 41368
Ion Ratio Lower Upper
130 100
95 91.2 0.0 186.8





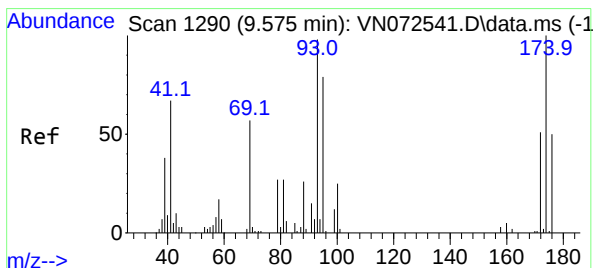
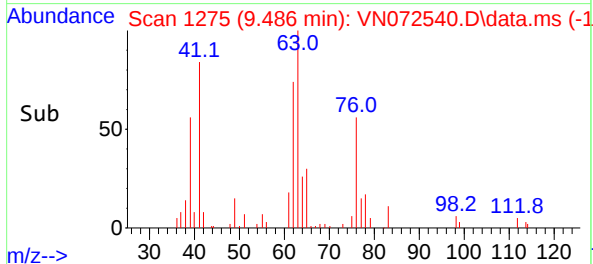
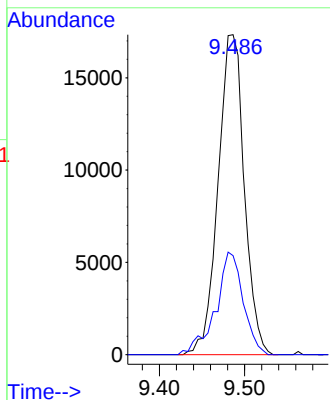
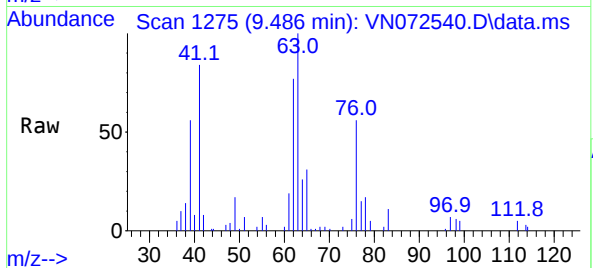
#45
1,2-Dichloropropane
Concen: 19.701 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 36979
Ion Ratio Lower Upper
63 100
65 30.9 24.9 37.3

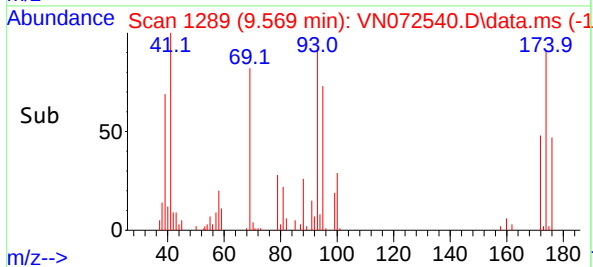
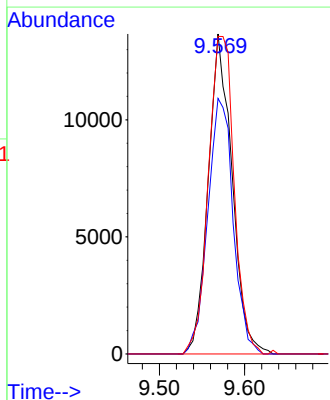
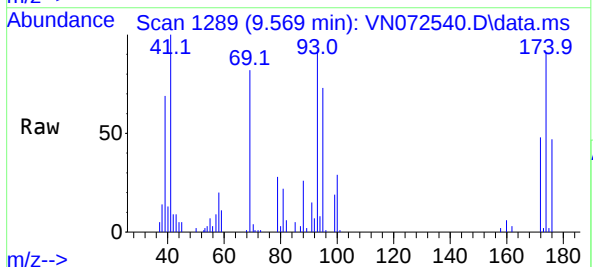
Manual Integrations
APPROVED

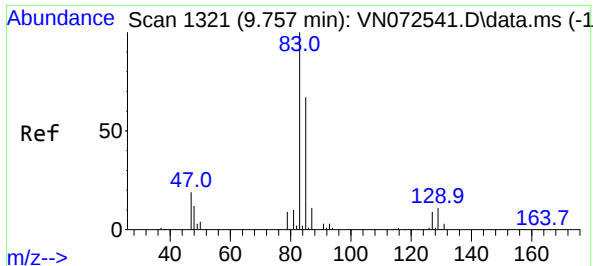
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#46
Dibromomethane
Concen: 19.945 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

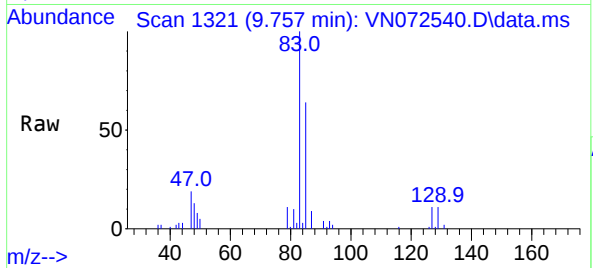
Tgt Ion: 93 Resp: 26537
Ion Ratio Lower Upper
93 100
95 84.9 66.9 100.3
174 106.9 86.6 130.0





#47
Bromodichloromethane
Concen: 21.372 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

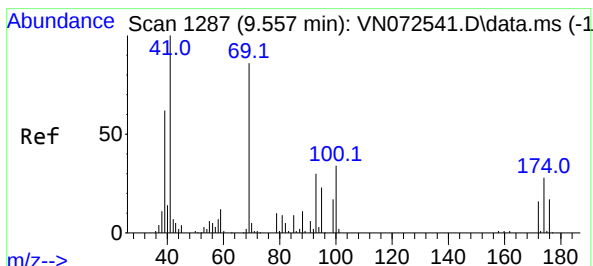
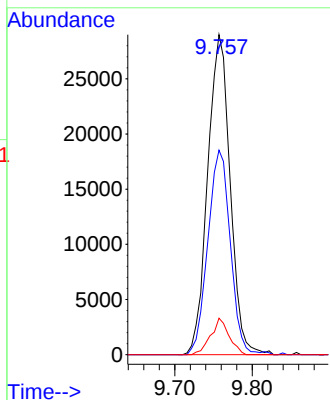
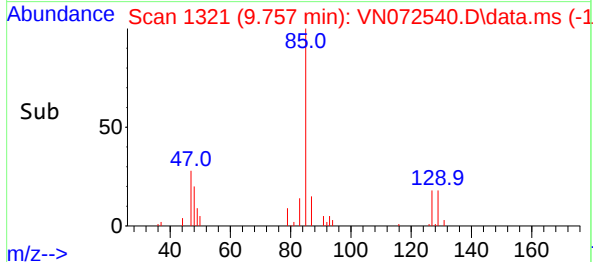
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



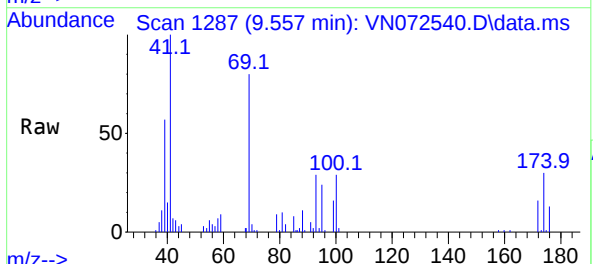
Tgt Ion: 83 Resp: 5844
Ion Ratio Lower Upper
83 100
85 63.9 50.5 75.7
127 11.4 6.8 10.2

Manual Integrations
APPROVED

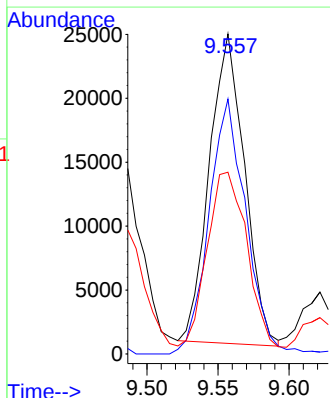
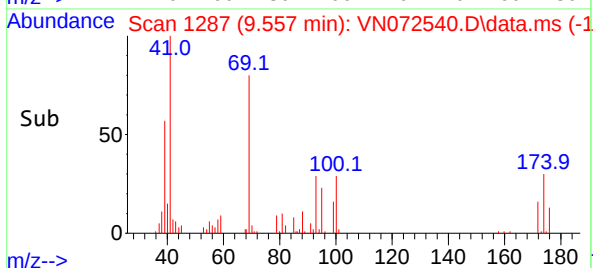
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

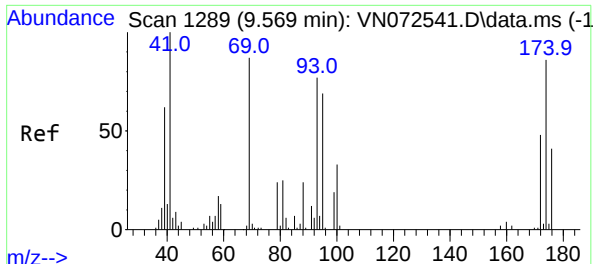


#48
Methyl methacrylate
Concen: 19.614 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18



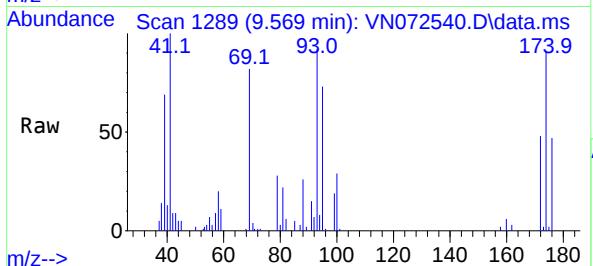
Tgt Ion: 41 Resp: 41703
Ion Ratio Lower Upper
41 100
69 86.9 74.7 112.1
39 69.0 45.6 68.4





#49
1,4-Dioxane
Concen: 240.416 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

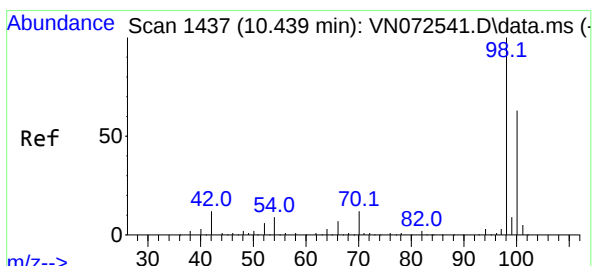
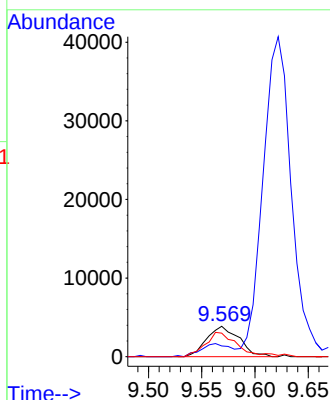
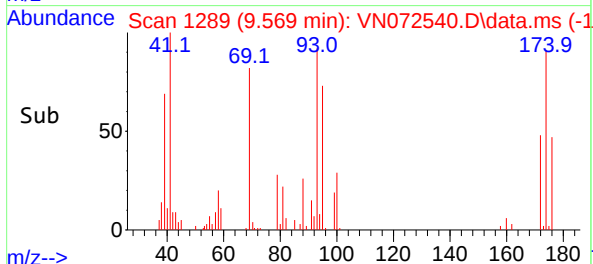
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



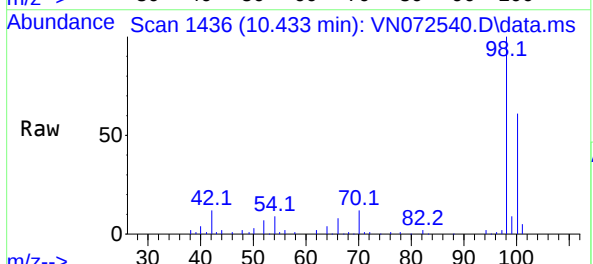
Tgt Ion: 88 Resp: 814
Ion Ratio Lower Upper
88 100
43 39.0 20.2 30.4
58 81.0 54.2 81.4

Manual Integrations
APPROVED

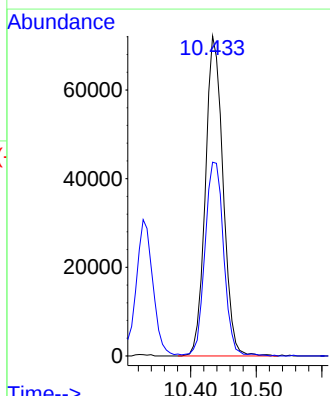
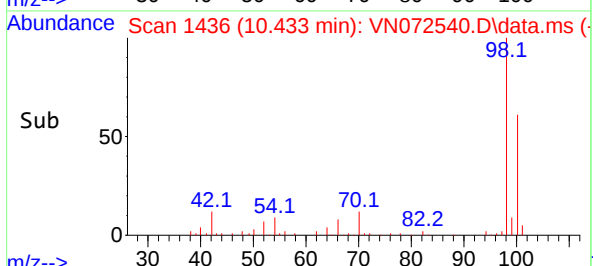
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

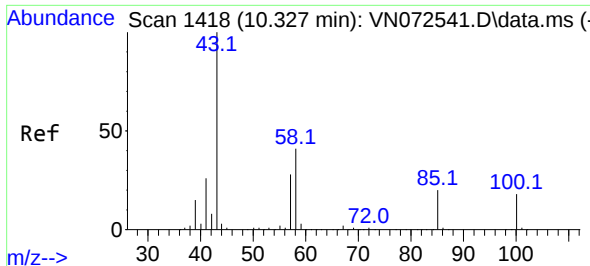


#50
Toluene-d8
Concen: 19.888 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18



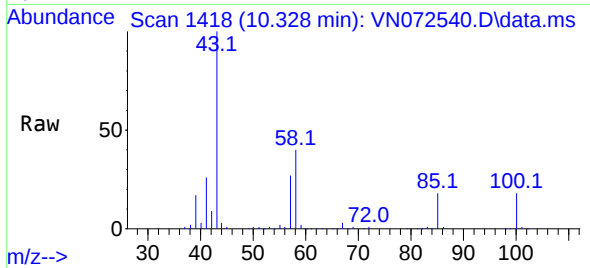
Tgt Ion: 98 Resp: 135064
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 109.293 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

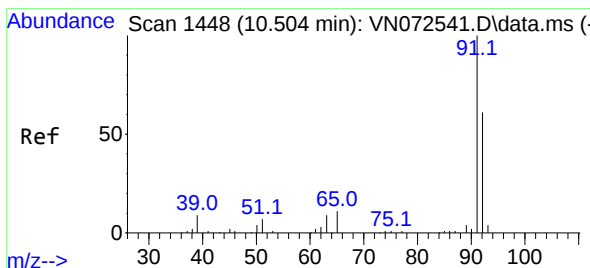
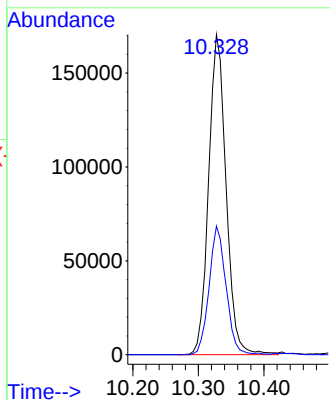
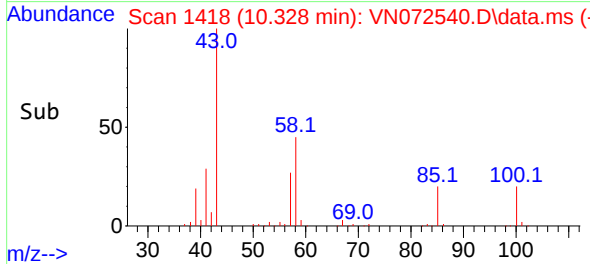
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



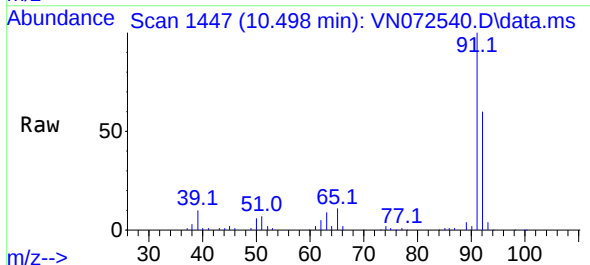
Tgt Ion: 43 Resp: 31512
Ion Ratio Lower Upper
43 100
58 39.1 34.1 51.1

Manual Integrations
APPROVED

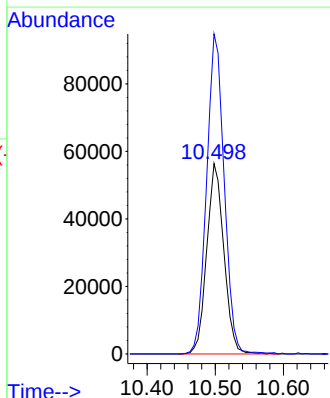
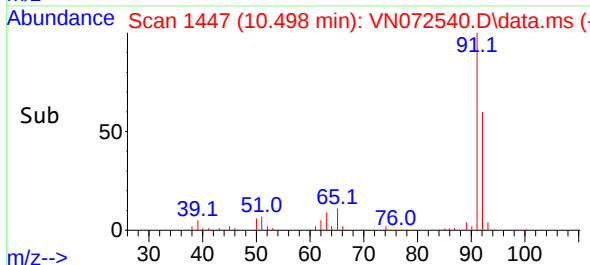
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

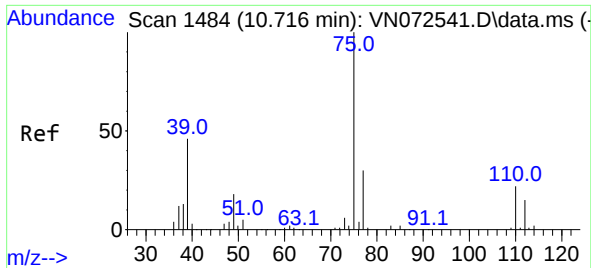


#52
Toluene
Concen: 21.178 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18



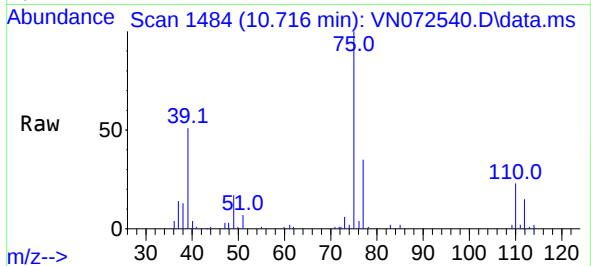
Tgt Ion: 92 Resp: 98747
Ion Ratio Lower Upper
92 100
91 172.3 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 21.790 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

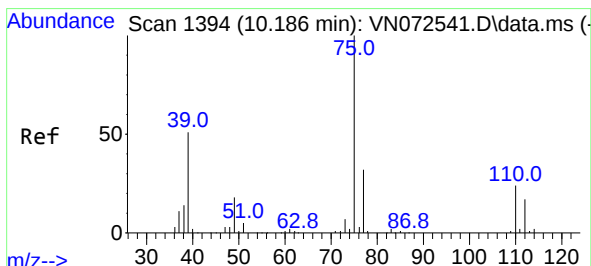
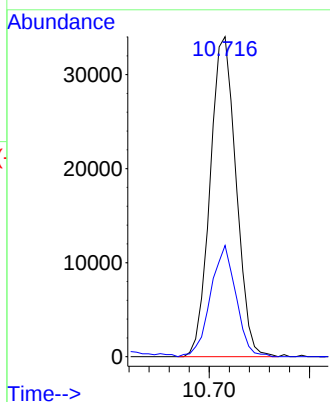
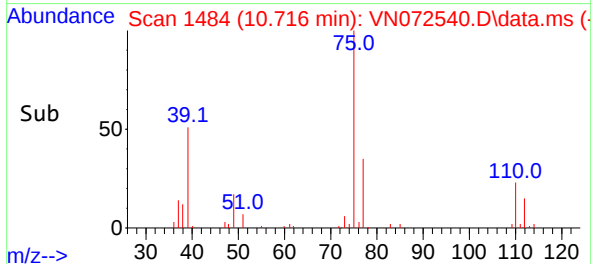
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



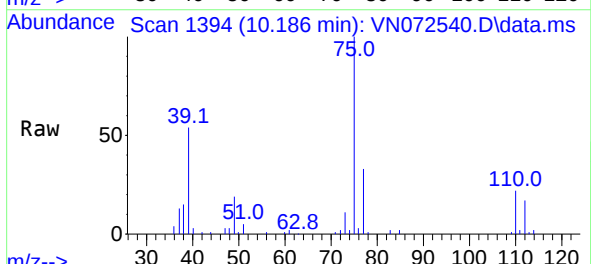
Tgt Ion: 75 Resp: 61125
Ion Ratio Lower Upper
75 100
77 34.8 25.6 38.4

Manual Integrations
APPROVED

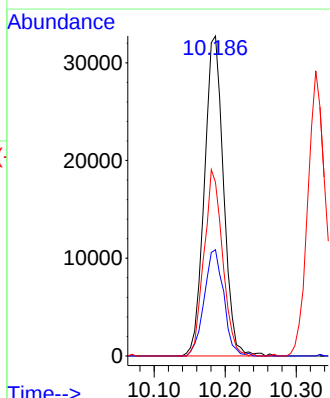
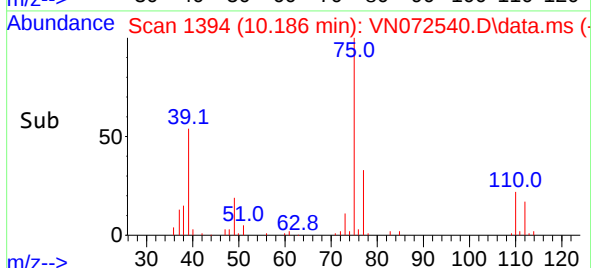
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

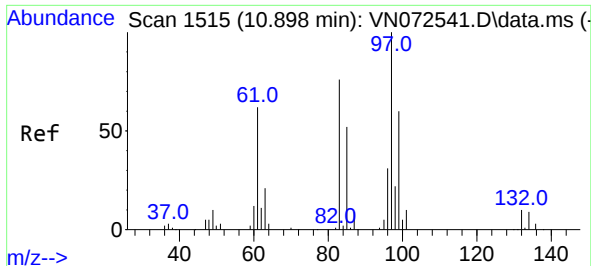


#54
cis-1,3-Dichloropropene
Concen: 20.758 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18



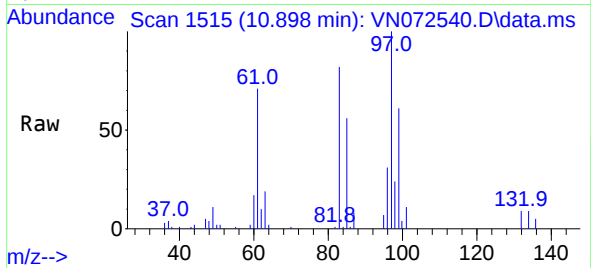
Tgt Ion: 75 Resp: 61415
Ion Ratio Lower Upper
75 100
77 33.2 25.2 37.8
39 54.2 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 20.852 ug/l
RT: 10.898 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

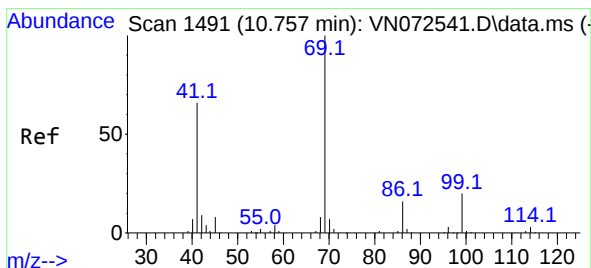
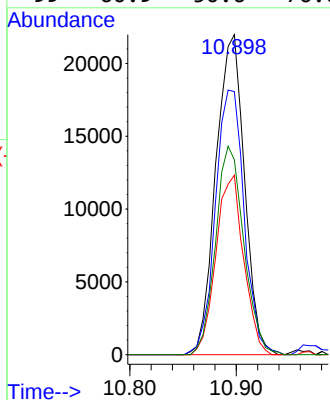
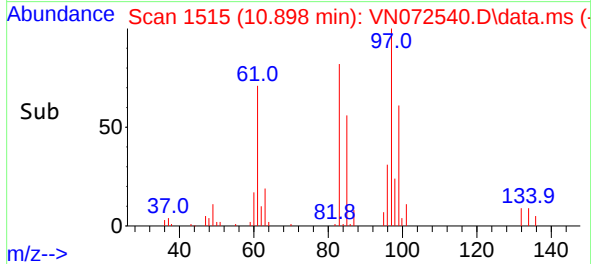


Tgt Ion: 97 Resp: 4096

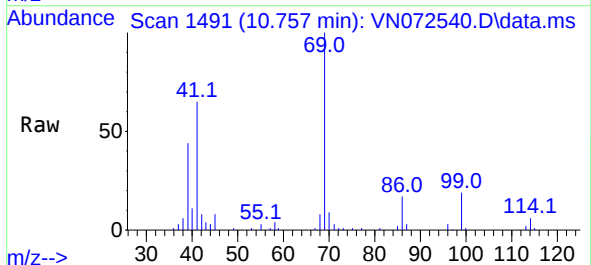
Ion	Ratio	Lower	Upper
97	100		
83	82.2	66.2	99.4
85	56.1	43.9	65.9
99	60.9	50.6	76.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

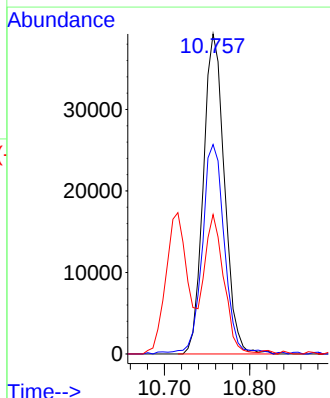
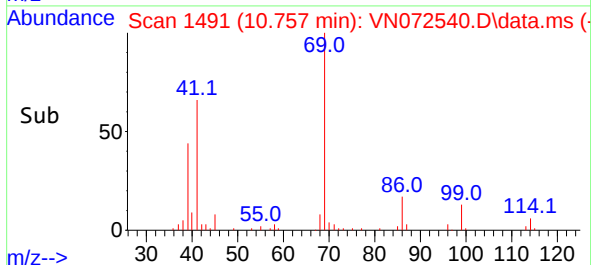


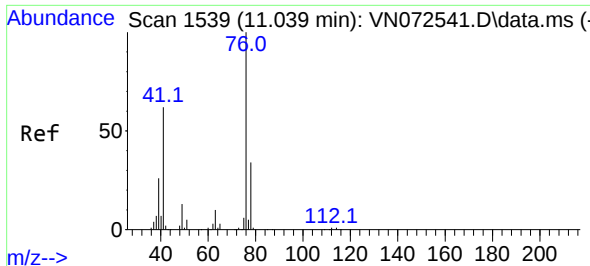
#56
Ethyl methacrylate
Concen: 23.971 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18



Tgt Ion: 69 Resp: 67530

Ion	Ratio	Lower	Upper
69	100		
41	68.9	47.8	71.6
39	38.5	27.3	40.9





#57

1,3-Dichloropropane

Concen: 20.951 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 69530

Ion Ratio Lower Upper

76 100

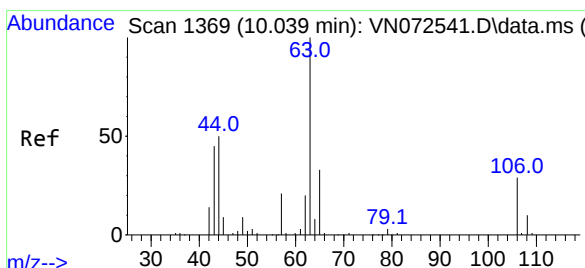
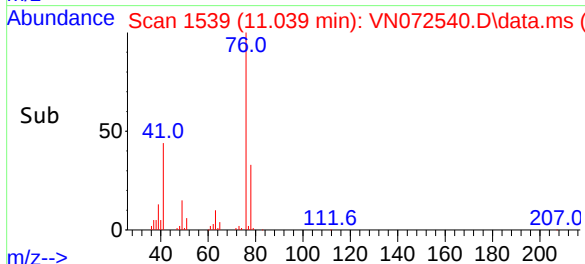
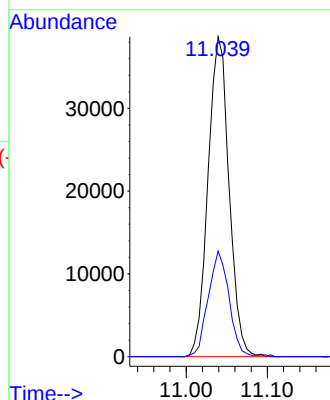
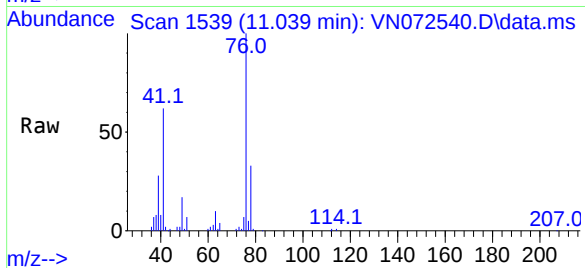
78 32.8 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/19/2022



#58

2-Chloroethyl Vinyl ether

Concen: 115.980 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VN072540.D

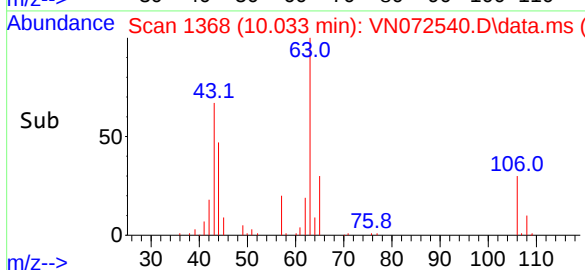
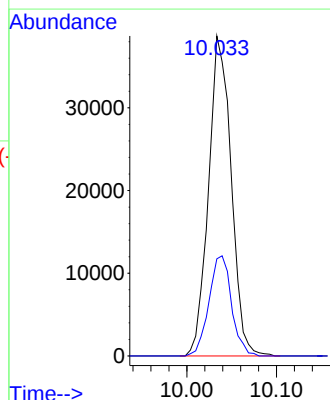
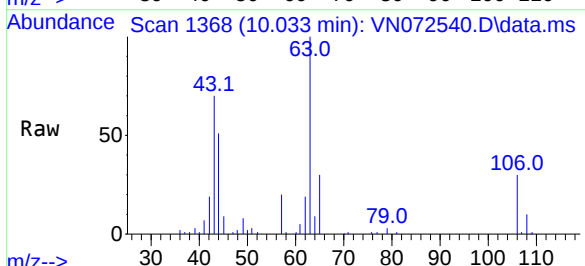
Acq: 18 May 2022 14:18

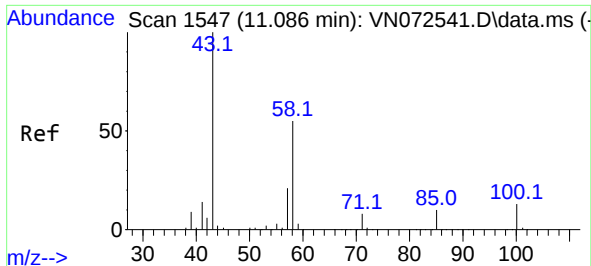
Tgt Ion: 63 Resp: 67805

Ion Ratio Lower Upper

63 100

106 31.3 24.6 36.8





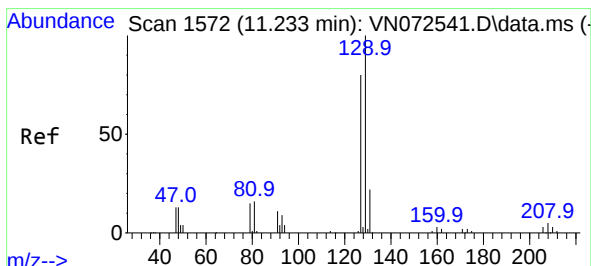
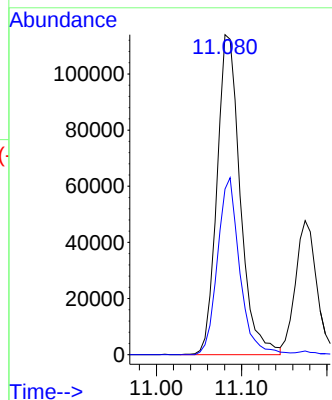
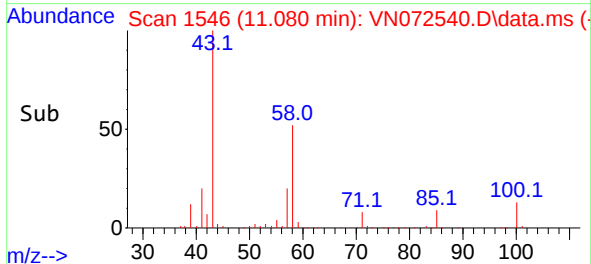
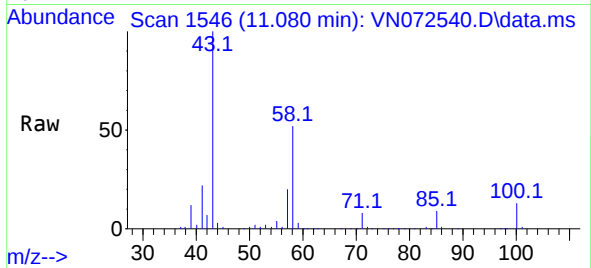
#59
2-Hexanone
Concen: 107.360 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 21609
Ion Ratio Lower Upper
43 100
58 52.6 29.7 89.1

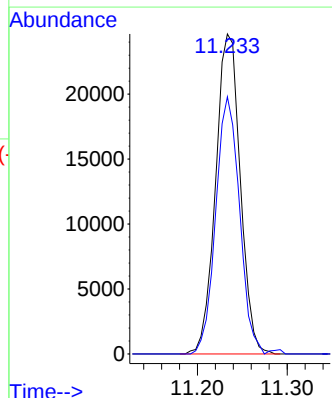
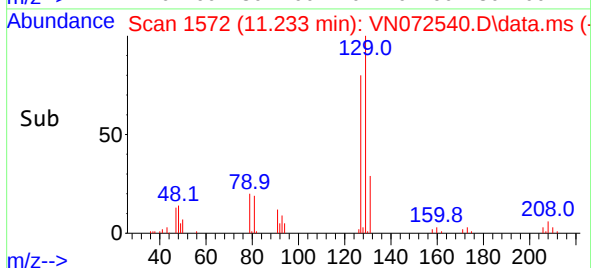
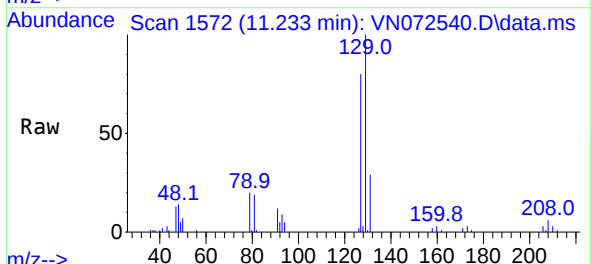
Manual Integrations
APPROVED

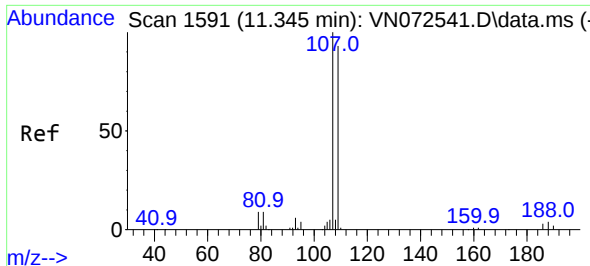
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#60
Dibromochloromethane
Concen: 22.411 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Tgt Ion:129 Resp: 46976
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.4





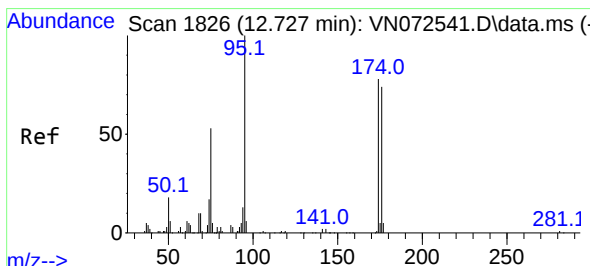
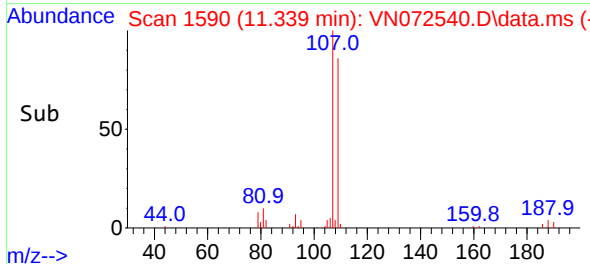
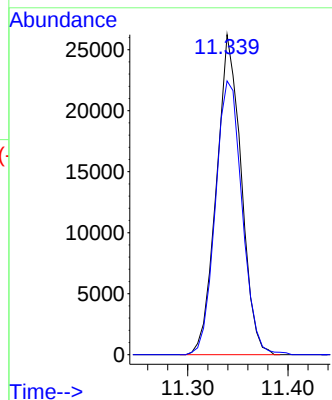
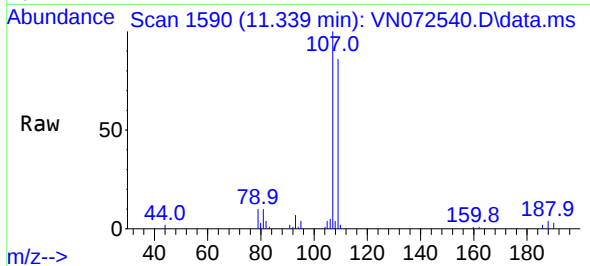
#61
1,2-Dibromoethane
Concen: 22.951 ug/l
RT: 11.339 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 4500
Ion Ratio Lower Upper
107 100
109 92.3 75.0 112.6

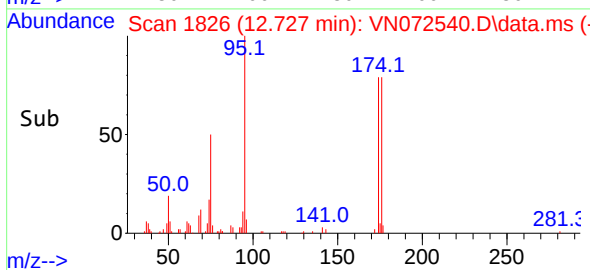
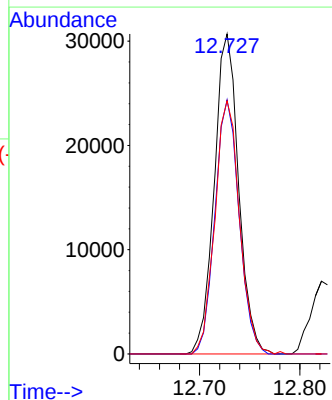
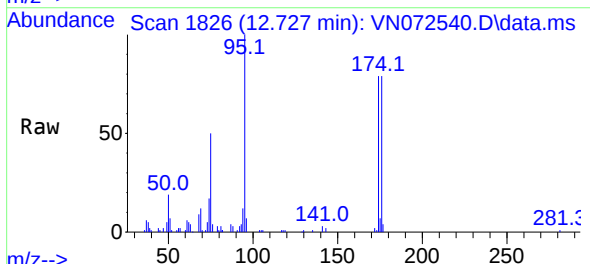
Manual Integrations
APPROVED

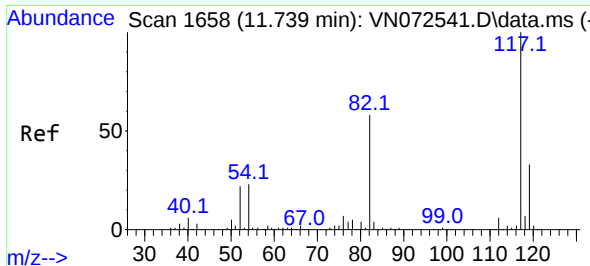
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#62
4-Bromofluorobenzene
Concen: 22.322 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Tgt Ion: 95 Resp: 51681
Ion Ratio Lower Upper
95 100
174 78.9 0.0 167.6
176 80.2 0.0 163.4





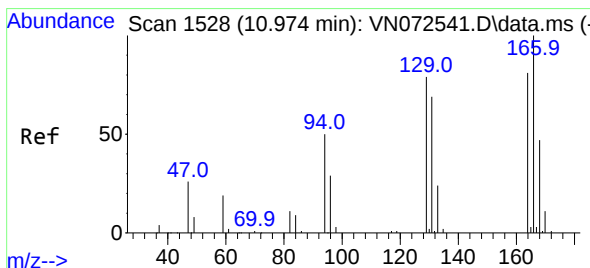
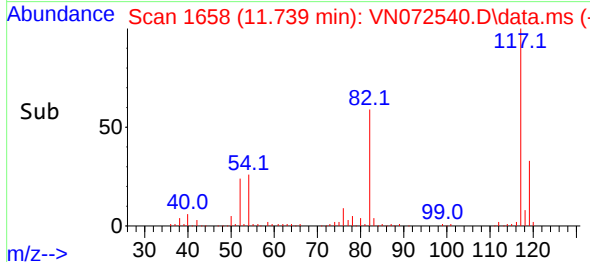
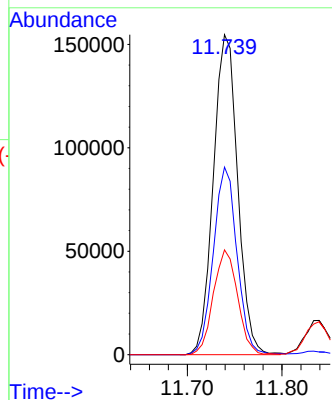
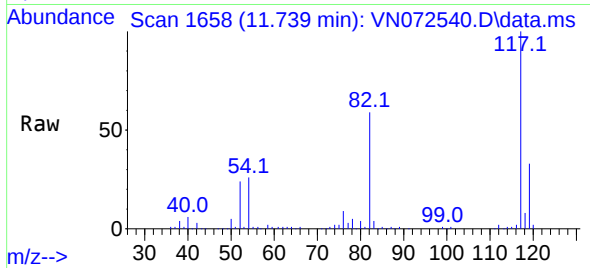
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 276600
Ion Ratio Lower Upper
117 100
82 58.6 44.2 66.2
119 32.8 25.4 38.0

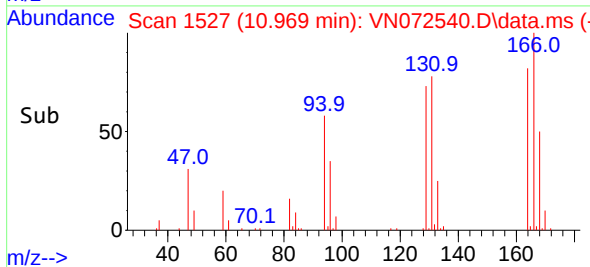
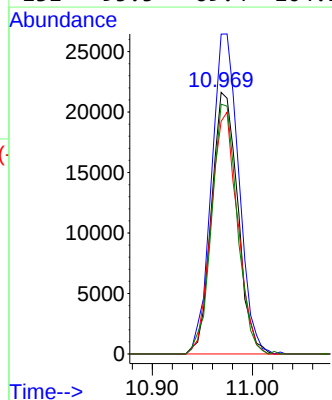
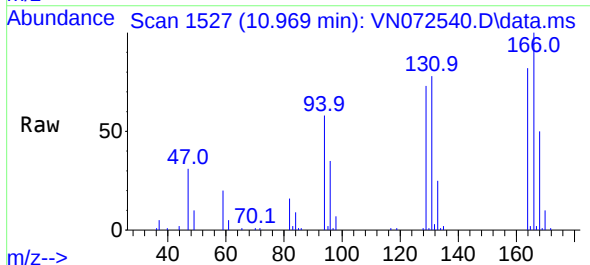
Manual Integrations
APPROVED

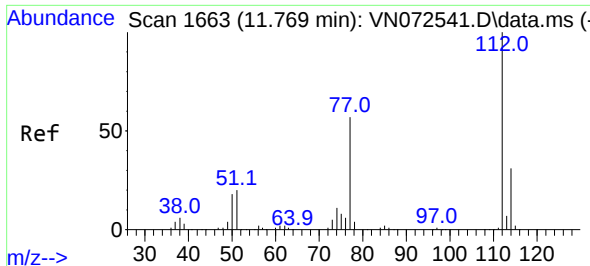
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#64
Tetrachloroethene
Concen: 20.049 ug/l
RT: 10.969 min Scan# 1527
Delta R.T. -0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

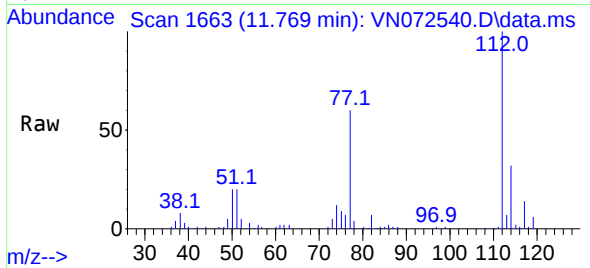
Tgt Ion:164 Resp: 39373
Ion Ratio Lower Upper
164 100
166 122.3 104.2 156.2
129 88.9 73.9 110.9
131 95.5 69.4 104.2





#65
Chlorobenzene
Concen: 20.782 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

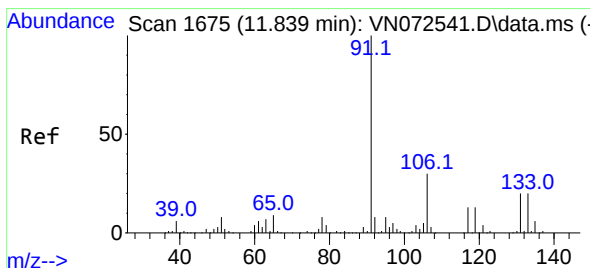
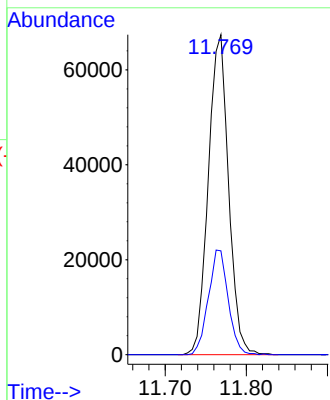
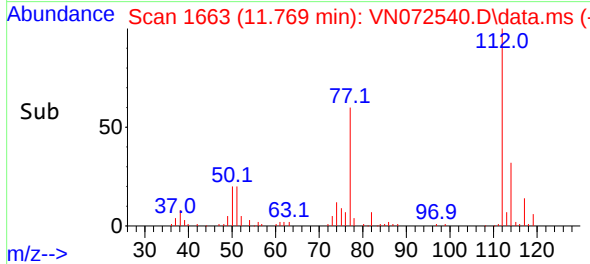
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



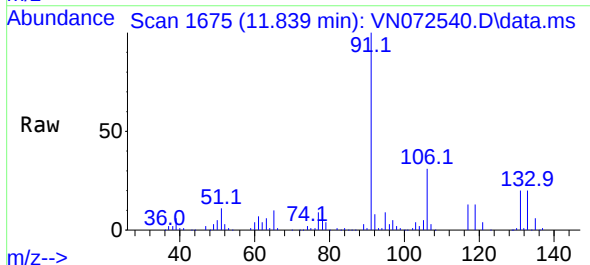
Tgt Ion:112 Resp: 11670
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2

Manual Integrations
APPROVED

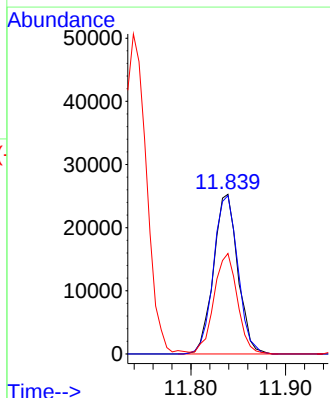
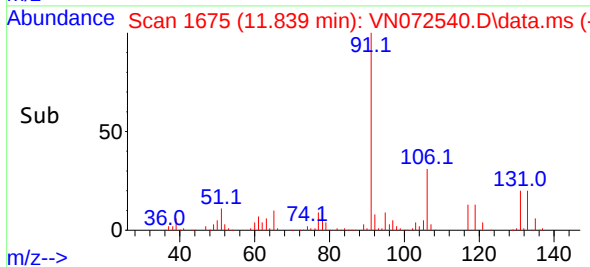
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

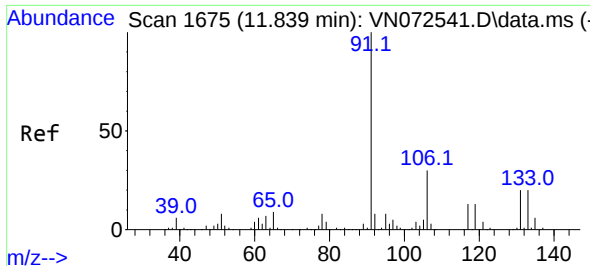


#66
1,1,1,2-Tetrachloroethane
Concen: 20.064 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18



Tgt Ion:131 Resp: 45151
Ion Ratio Lower Upper
131 100
133 99.2 47.8 143.4
119 60.9 33.4 100.2





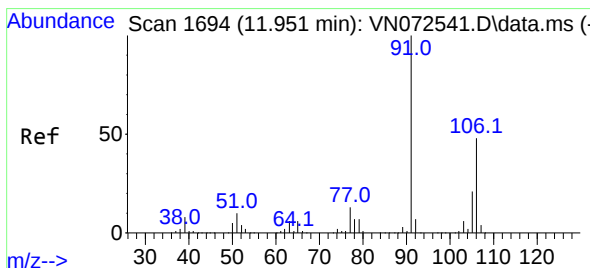
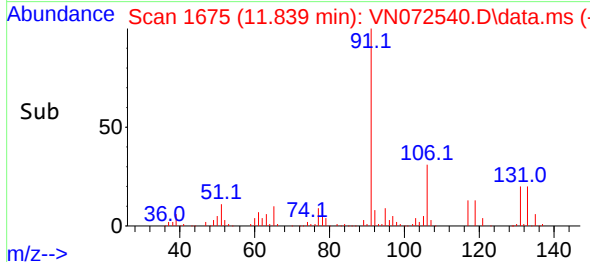
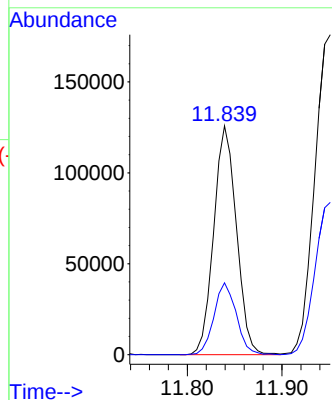
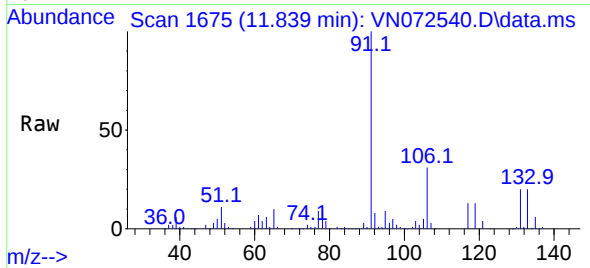
#67
Ethyl Benzene
Concen: 21.715 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 209865
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3

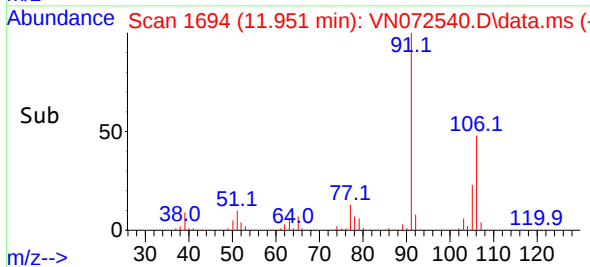
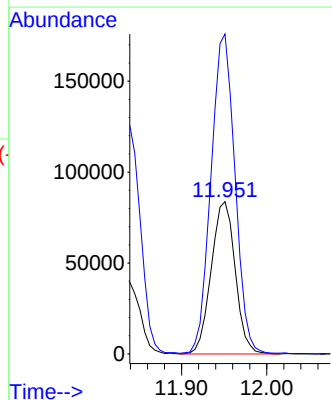
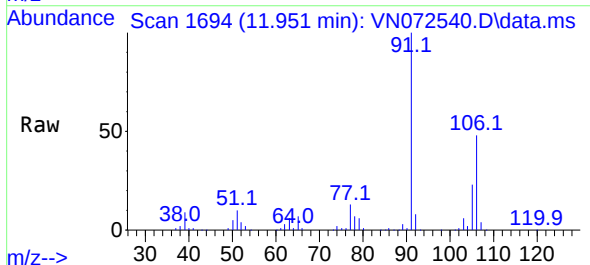
Manual Integrations
APPROVED

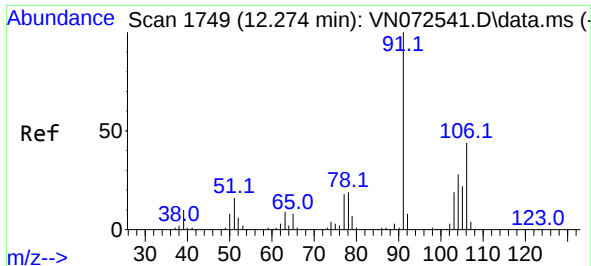
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#68
m/p-Xylenes
Concen: 44.539 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Tgt Ion:106 Resp: 163805
Ion Ratio Lower Upper
106 100
91 209.9 158.9 238.3





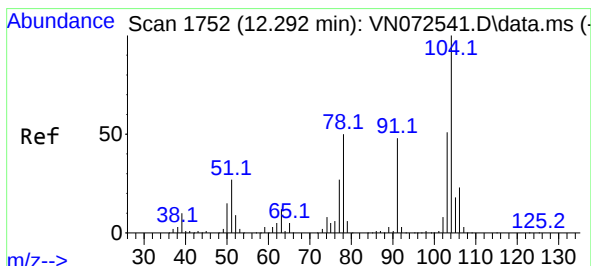
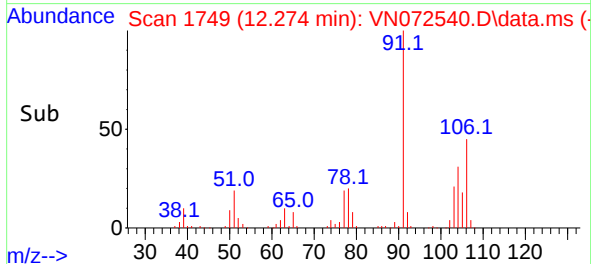
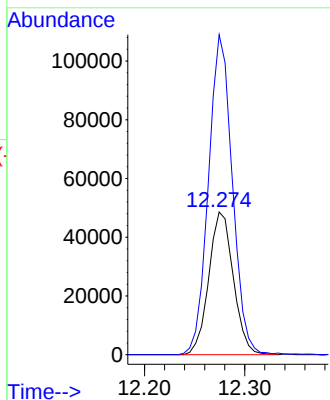
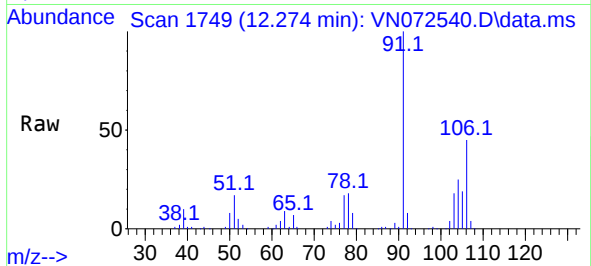
#69
o-Xylene
Concen: 22.851 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 82708
Ion Ratio Lower Upper
106 100
91 218.6 106.0 318.0

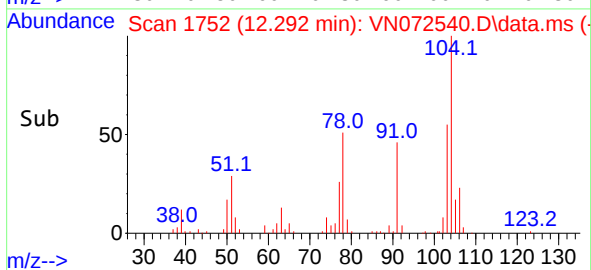
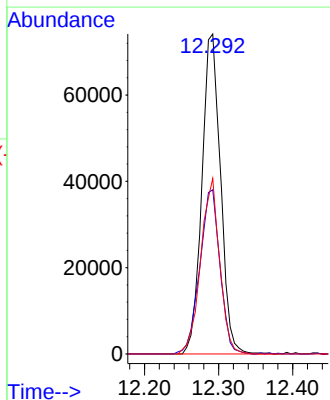
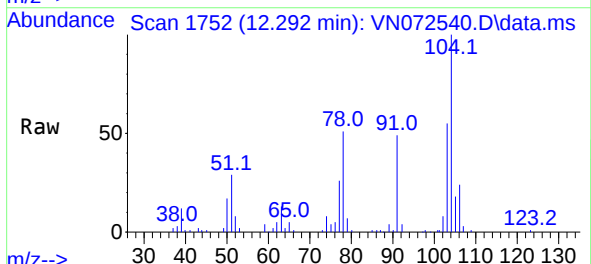
Manual Integrations
APPROVED

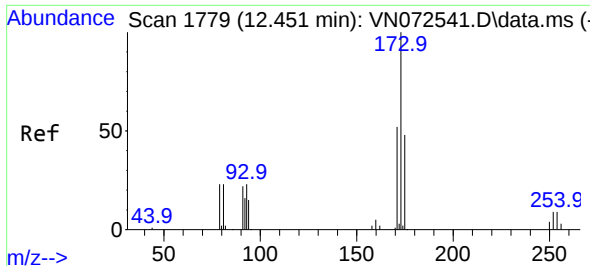
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#70
Styrene
Concen: 23.303 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

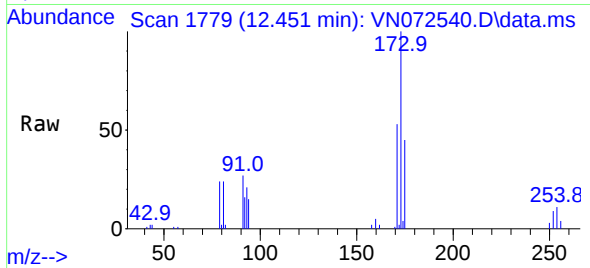
Tgt Ion:104 Resp: 129804
Ion Ratio Lower Upper
104 100
78 55.5 39.5 59.3
103 55.5 44.0 66.0





#71
Bromoform
Concen: 21.972 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

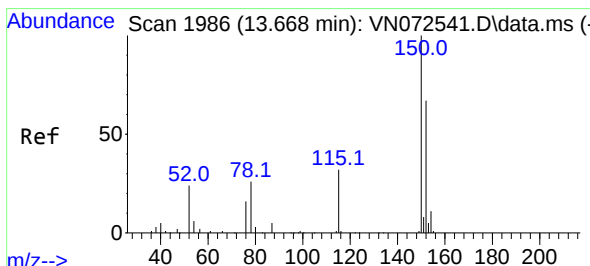
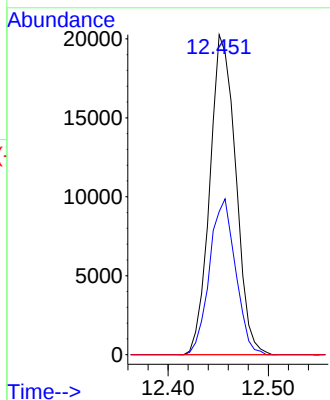
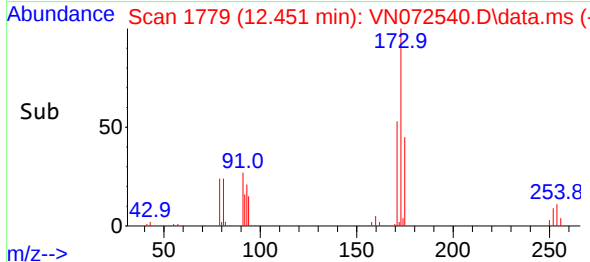
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



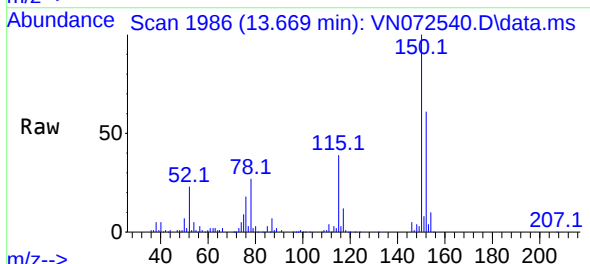
Tgt Ion:173 Resp: 3631
Ion Ratio Lower Upper
173 100
175 48.9 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

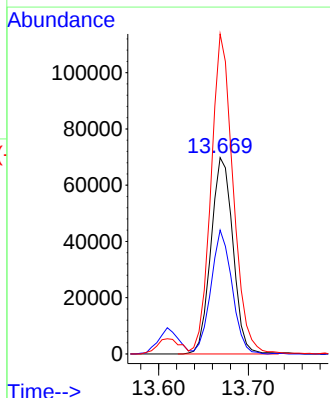
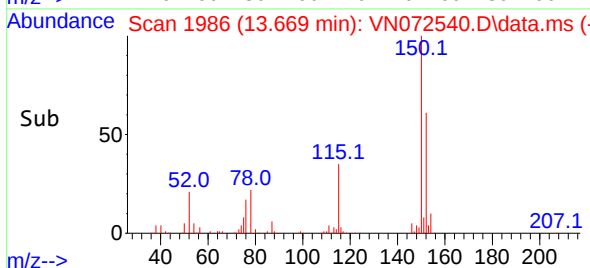
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

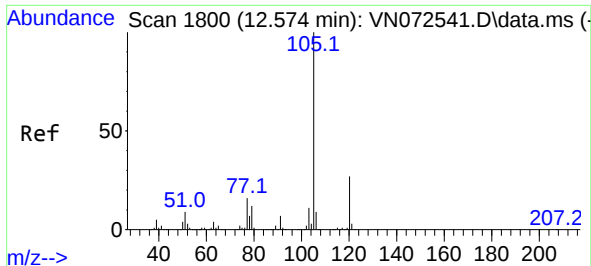


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18



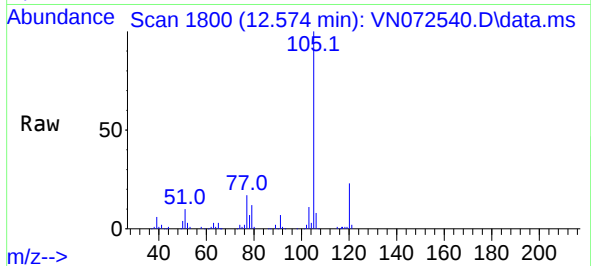
Tgt Ion:152 Resp: 118977
Ion Ratio Lower Upper
152 100
115 60.5 28.9 86.7
150 164.1 0.0 356.2





#73
Isopropylbenzene
Concen: 22.089 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

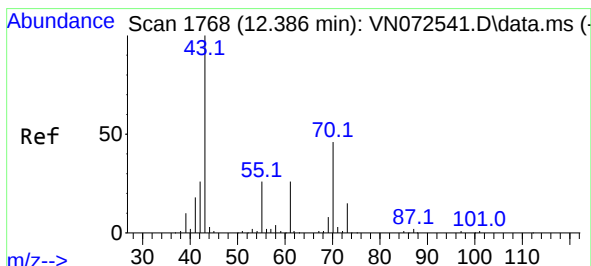
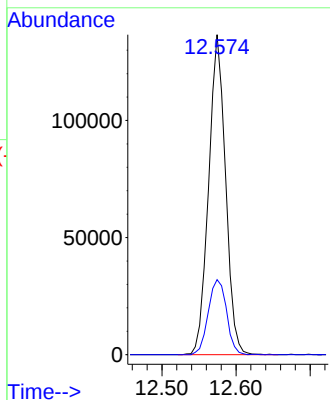
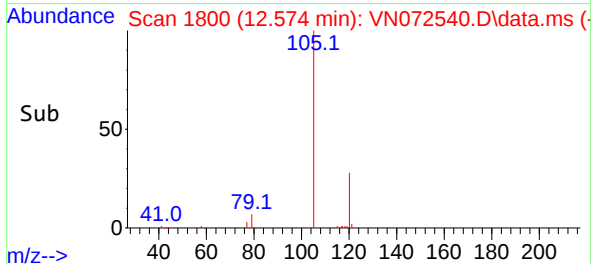
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



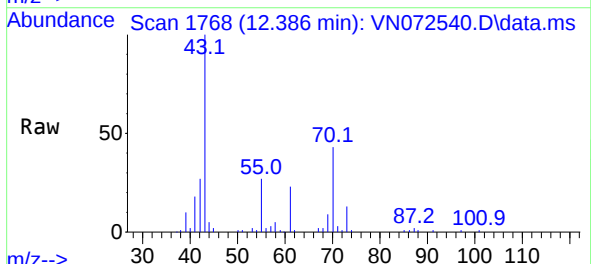
Tgt Ion:105 Resp: 216502
Ion Ratio Lower Upper
105 100
120 25.4 13.5 40.4

Manual Integrations
APPROVED

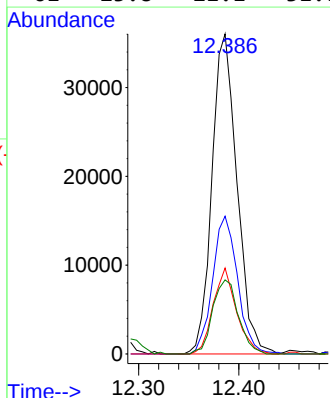
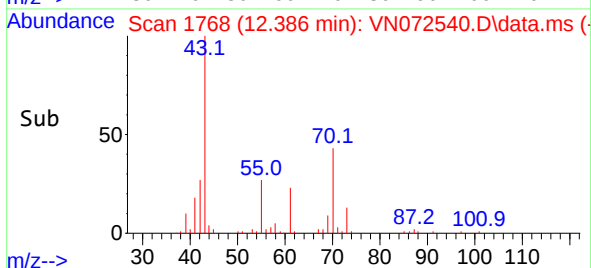
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

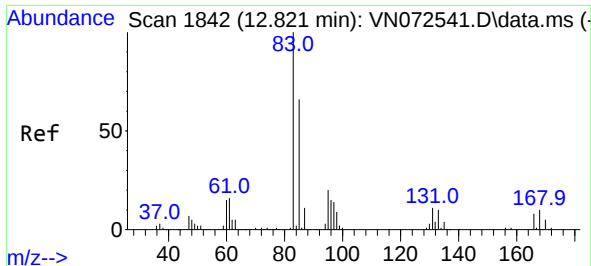


#74
N-ethyl acetate
Concen: 18.327 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18



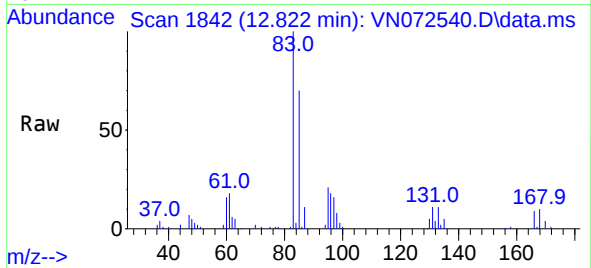
Tgt Ion: 43 Resp: 62443
Ion Ratio Lower Upper
43 100
70 43.1 39.0 58.4
55 25.0 21.1 31.7
61 23.8 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 17.067 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

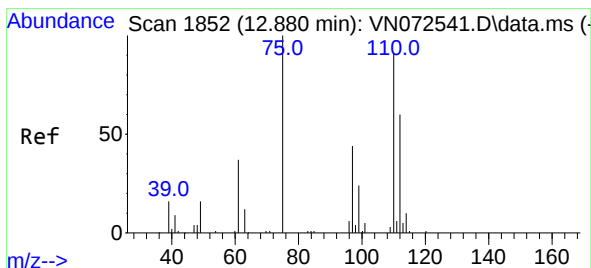
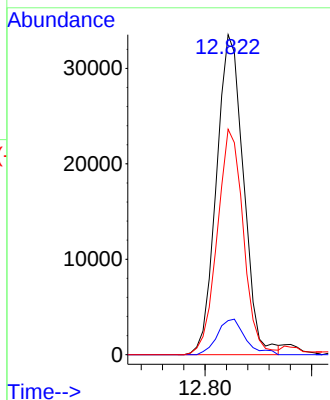
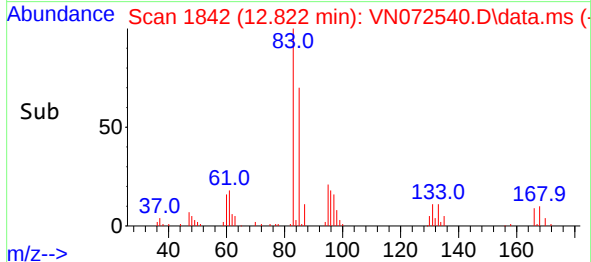
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



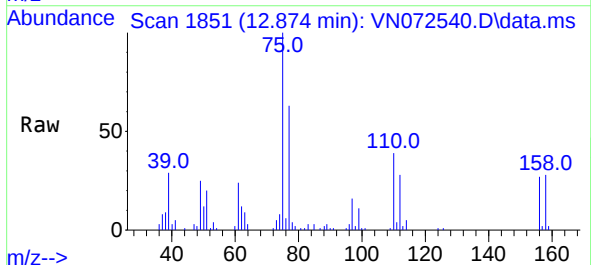
Tgt Ion: 83 Resp: 59210
Ion Ratio Lower Upper
83 100
131 11.4 5.3 15.9
85 68.1 32.3 96.9

Manual Integrations
APPROVED

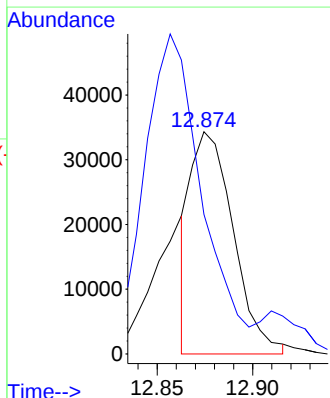
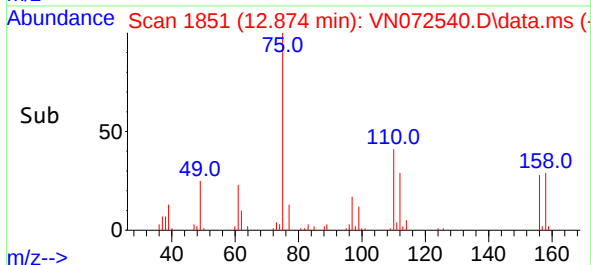
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

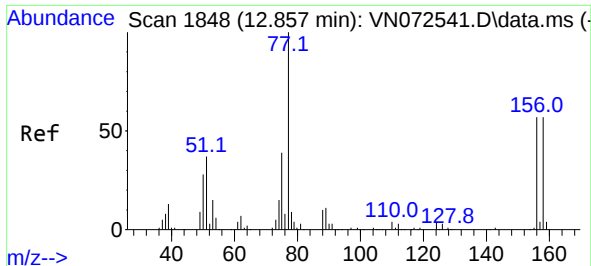


#76
1,2,3-Trichloropropane
Concen: 17.317 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18



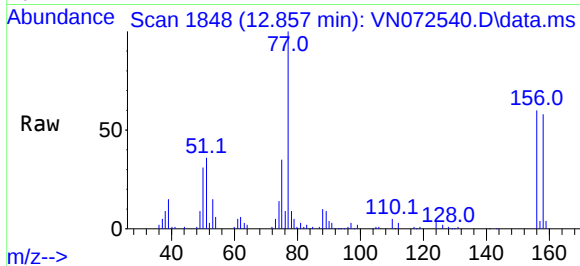
Tgt Ion: 75 Resp: 53085
Ion Ratio Lower Upper
75 100
77 194.7 98.5 295.5





#77
Bromobenzene
Concen: 21.744 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

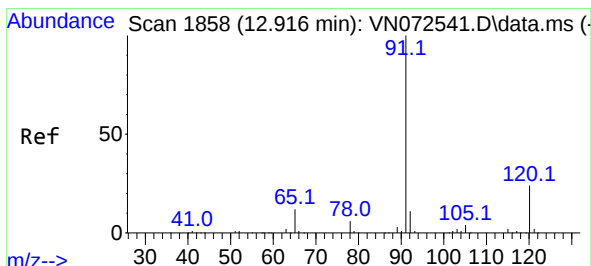
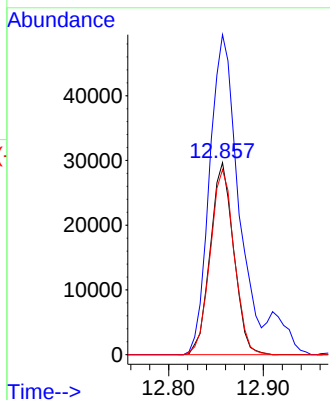
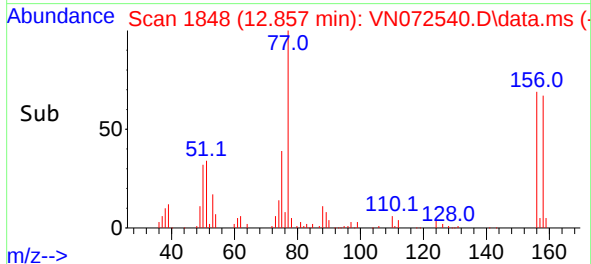
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



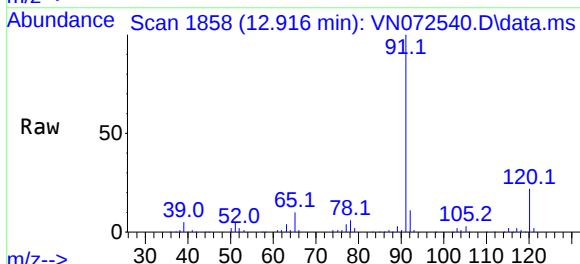
Tgt Ion:156 Resp: 50998
Ion Ratio Lower Upper
156 100
77 202.7 100.5 301.5
158 98.9 48.9 146.6

Manual Integrations
APPROVED

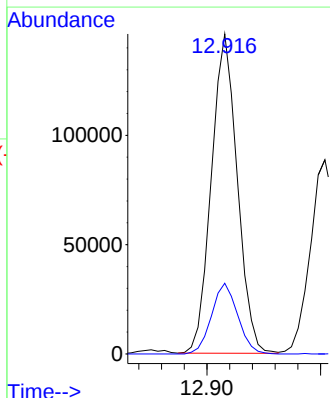
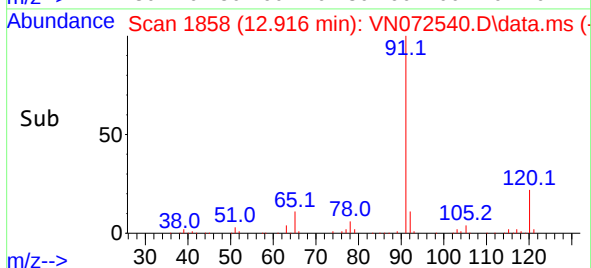
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

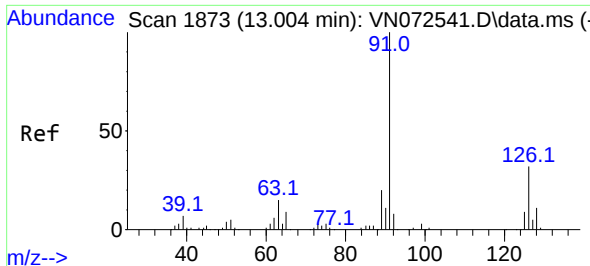


#78
n-propylbenzene
Concen: 22.018 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18



Tgt Ion: 91 Resp: 231517
Ion Ratio Lower Upper
91 100
120 22.3 11.9 35.5





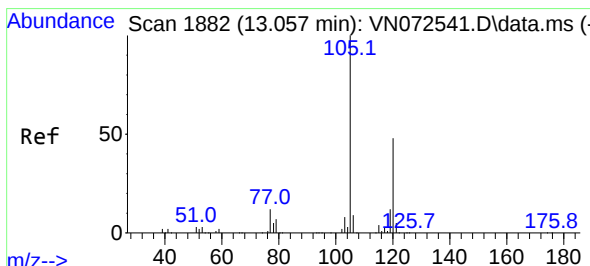
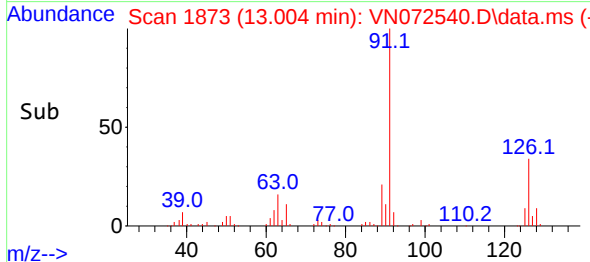
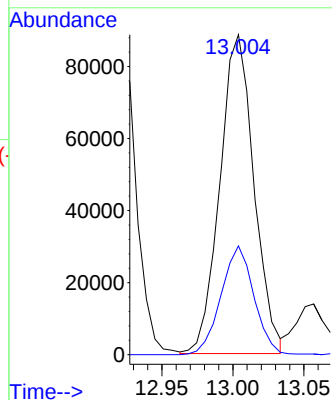
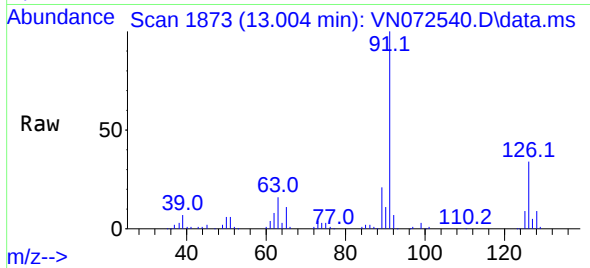
#79
2-Chlorotoluene
Concen: 21.226 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 147778
Ion Ratio Lower Upper
91 100
126 32.9 17.3 51.9

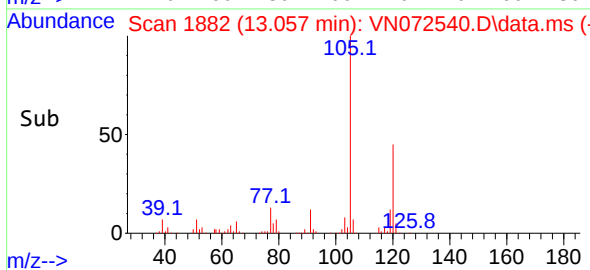
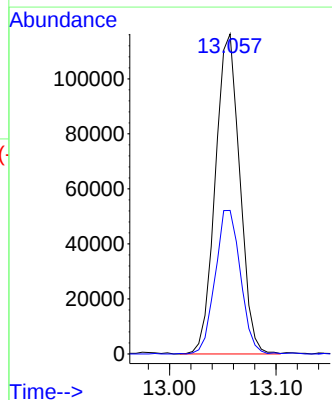
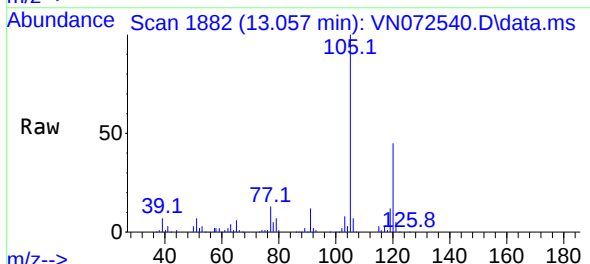
Manual Integrations
APPROVED

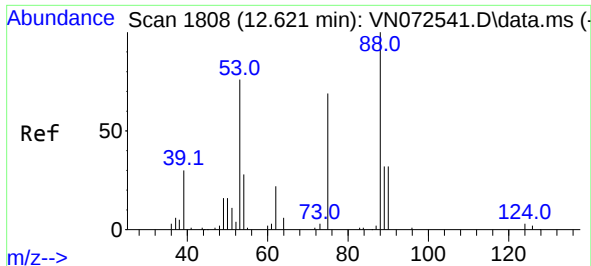
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#80
1,3,5-Trimethylbenzene
Concen: 22.834 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

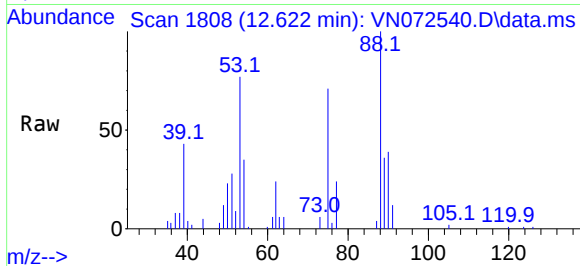
Tgt Ion:105 Resp: 185128
Ion Ratio Lower Upper
105 100
120 46.4 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 18.979 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

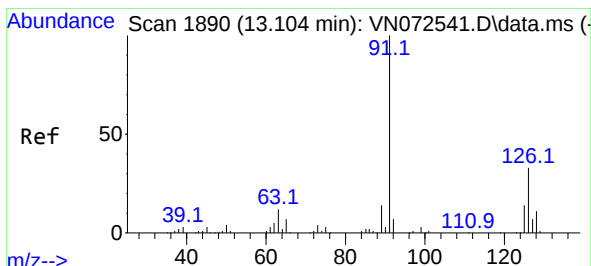
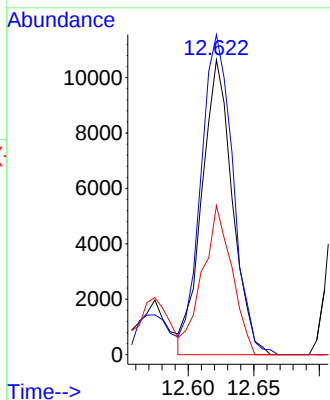
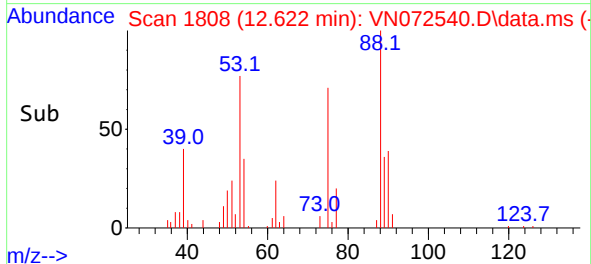
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



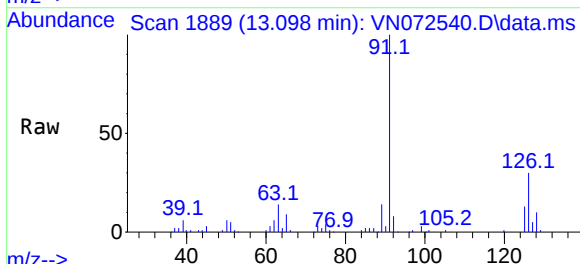
Tgt Ion: 75 Resp: 1724
Ion Ratio Lower Upper
75 100
53 113.9 78.0 117.0
89 49.0 37.2 55.8

Manual Integrations
APPROVED

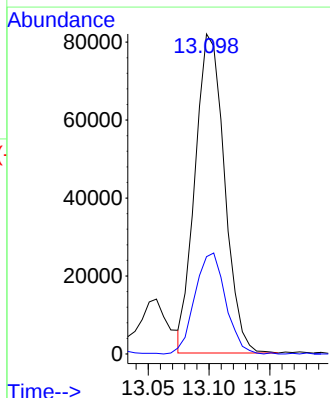
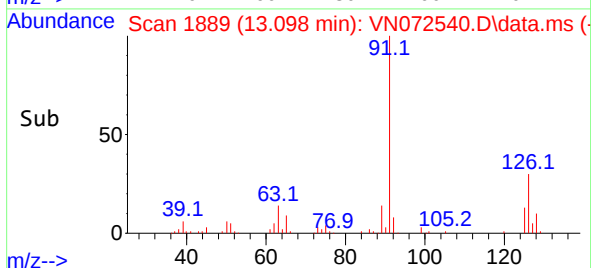
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

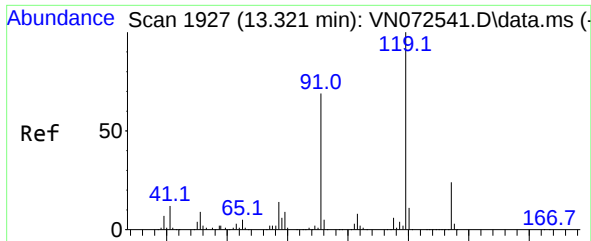


#82
4-Chlorotoluene
Concen: 20.964 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18



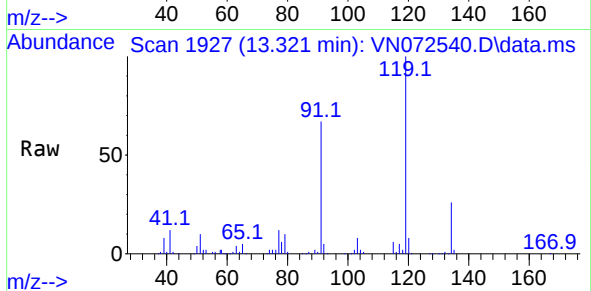
Tgt Ion: 91 Resp: 137613
Ion Ratio Lower Upper
91 100
126 33.0 17.2 51.6





#83
tert-Butylbenzene
Concen: 22.991 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

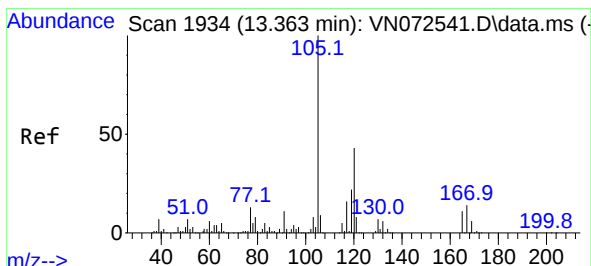
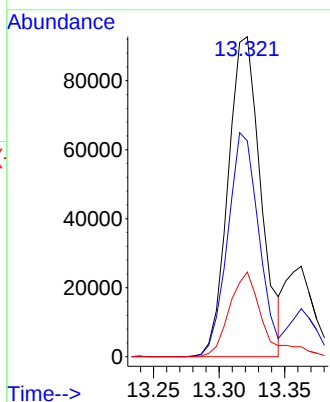
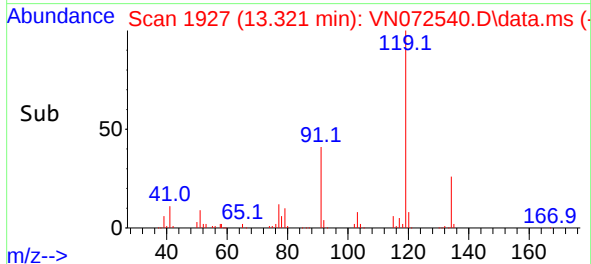
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



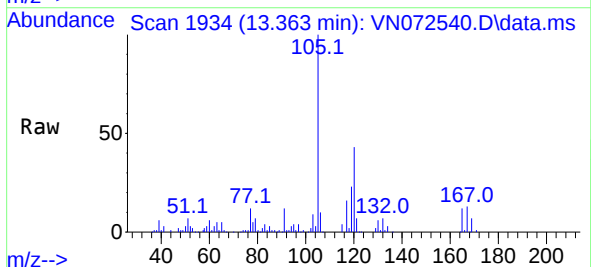
Tgt Ion:119 Resp: 16065
Ion Ratio Lower Upper
119 100
91 66.9 31.6 94.8
134 27.2 13.7 41.1

Manual Integrations
APPROVED

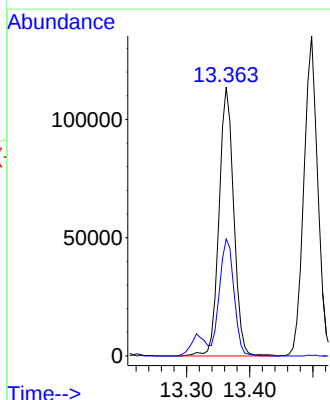
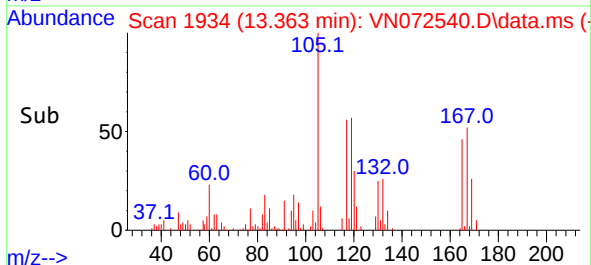
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

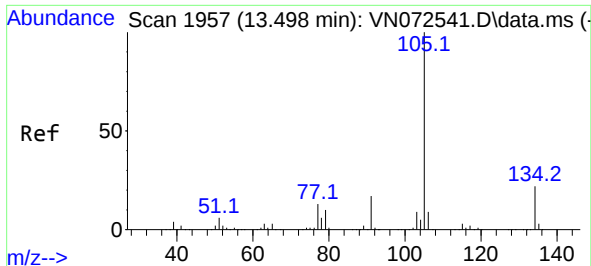


#84
1,2,4-Trimethylbenzene
Concen: 23.561 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18



Tgt Ion:105 Resp: 183483
Ion Ratio Lower Upper
105 100
120 42.7 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 22.344 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072540.D
 Acq: 18 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

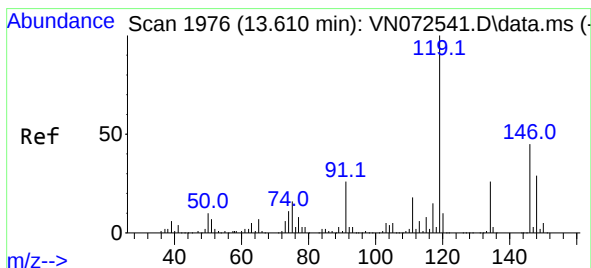
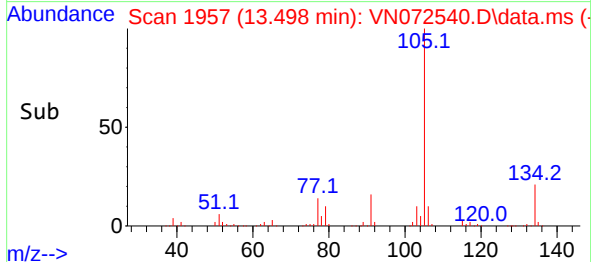
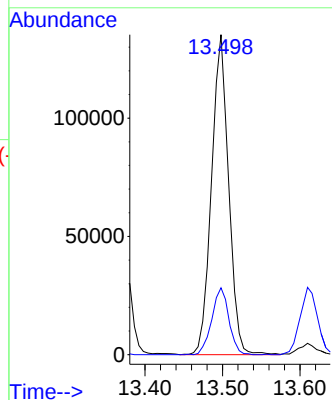
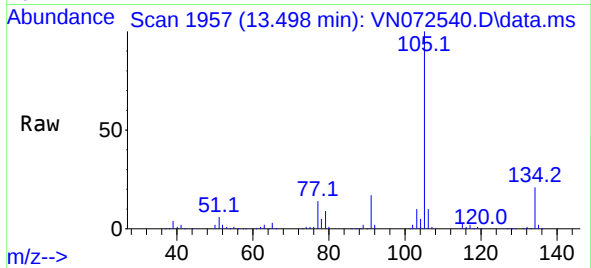
VSTDICC020

Tgt Ion:105 Resp: 207500
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.1

Manual Integrations

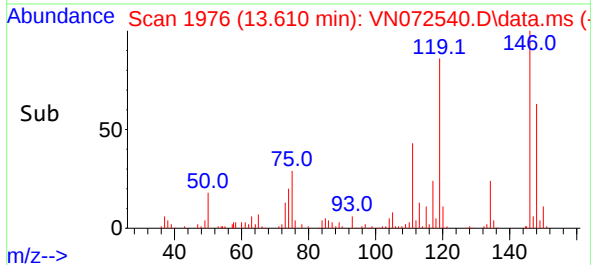
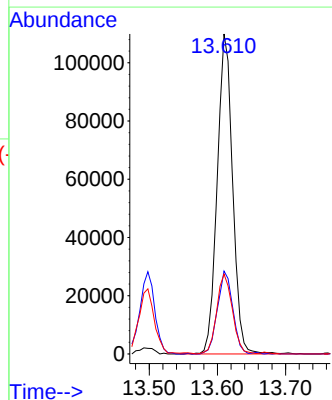
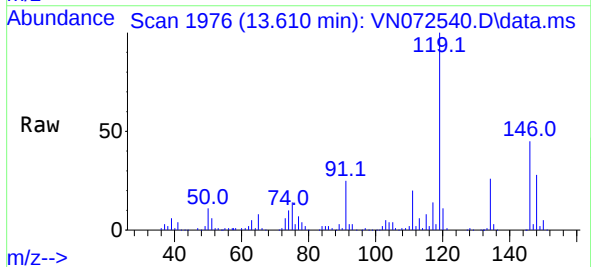
APPROVED

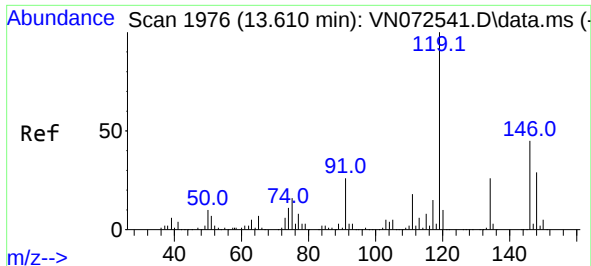
Reviewed By :John Carlone 05/19/2022
 Supervised By :Mahesh Dadoda 05/19/2022



#86
 p-Isopropyltoluene
 Concen: 23.773 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072540.D
 Acq: 18 May 2022 14:18

Tgt Ion:119 Resp: 172960
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.3 39.8
 91 25.4 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 21.201 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

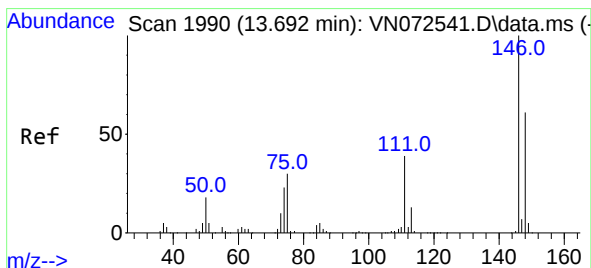
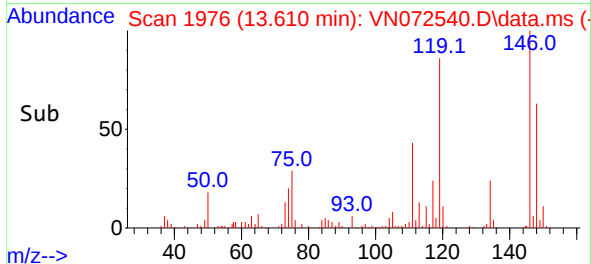
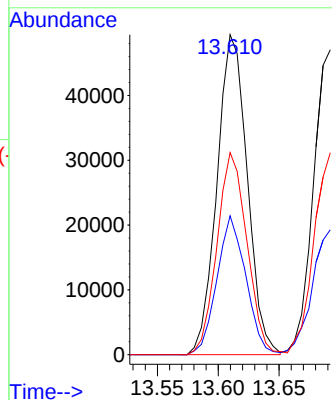
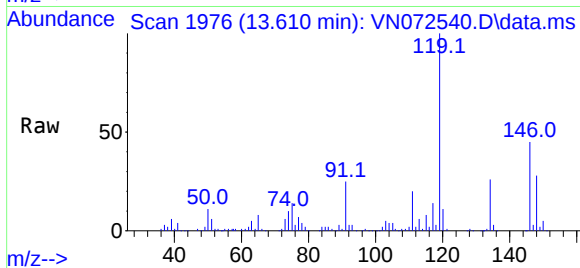
Tgt Ion:146 Resp: 85374
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.0 60.0
 148 62.7 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/19/2022



#88

1,4-Dichlorobenzene

Concen: 19.944 ug/l

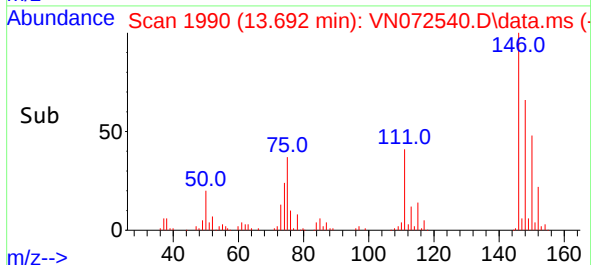
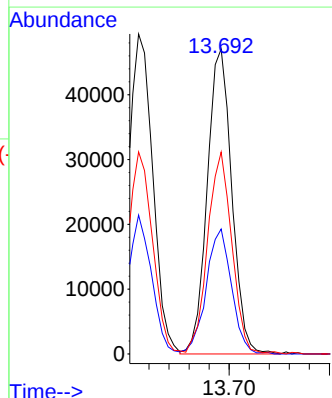
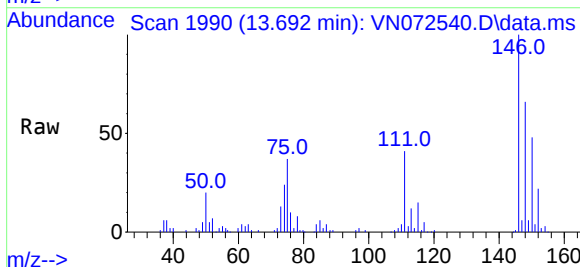
RT: 13.692 min Scan# 1990

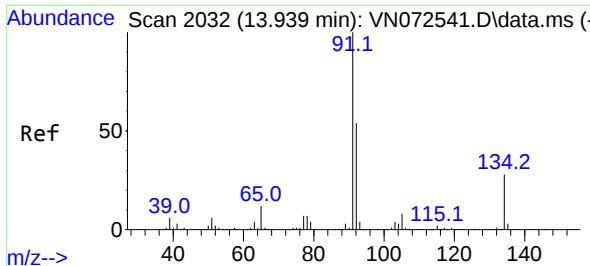
Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Tgt Ion:146 Resp: 80219
 Ion Ratio Lower Upper
 146 100
 111 42.3 19.1 57.1
 148 65.5 31.4 94.3





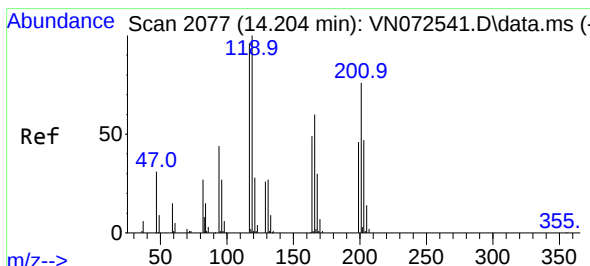
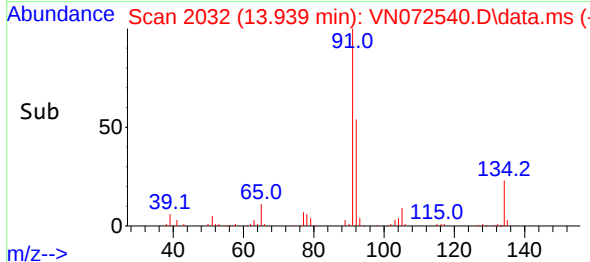
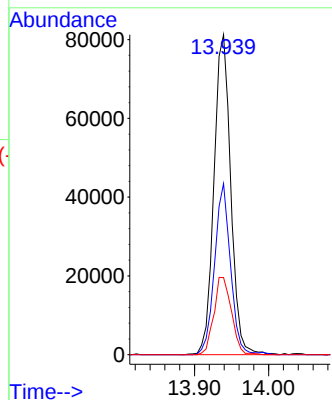
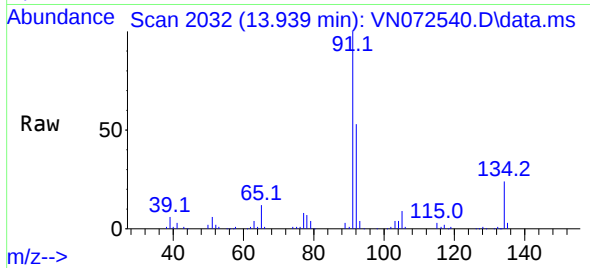
#89
n-Butylbenzene
Concen: 22.825 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 12771
Ion Ratio Lower Upper
91 100
92 50.9 26.9 80.7
134 25.3 13.6 40.8

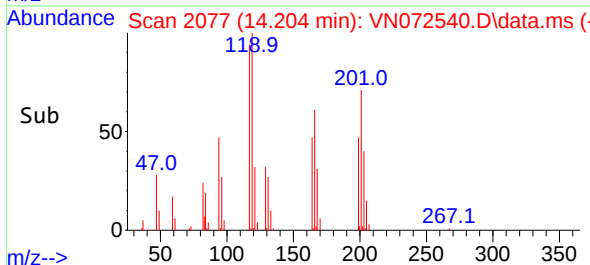
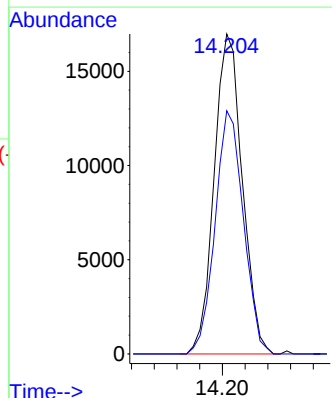
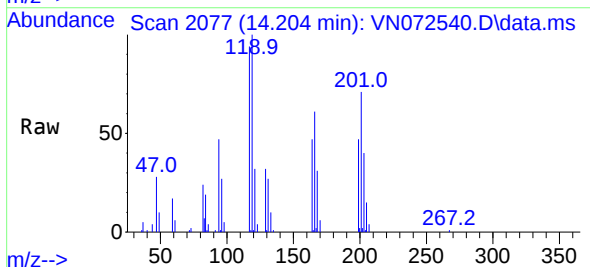
Manual Integrations
APPROVED

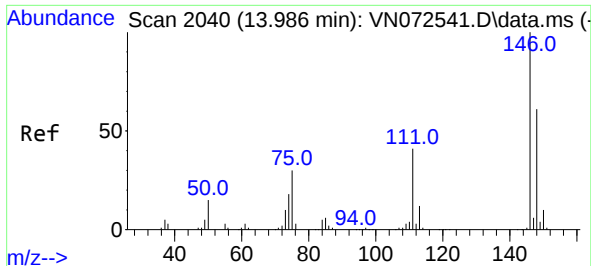
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#90
Hexachloroethane
Concen: 20.132 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Tgt Ion:117 Resp: 29243
Ion Ratio Lower Upper
117 100
201 76.4 40.6 122.0





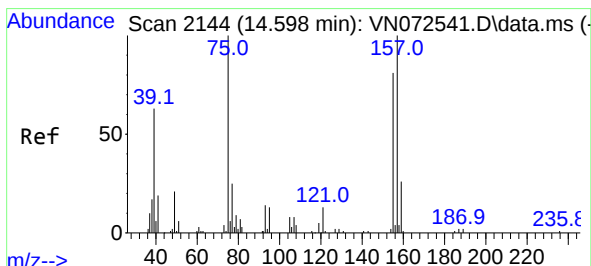
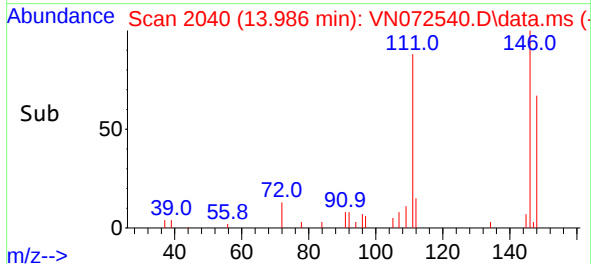
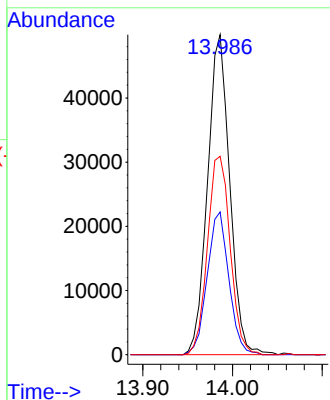
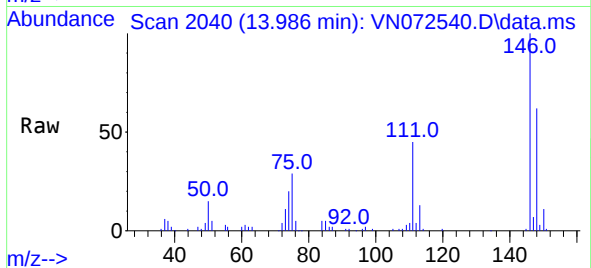
#91
1,2-Dichlorobenzene
Concen: 21.174 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 85589
Ion Ratio Lower Upper
146 100
111 43.7 20.9 62.8
148 63.6 32.1 96.3

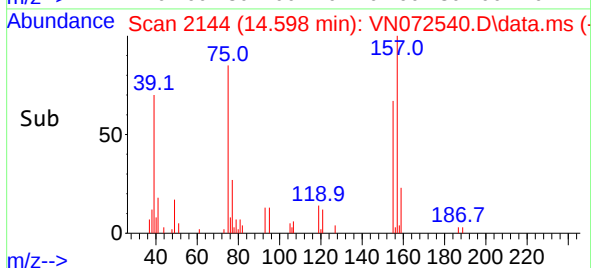
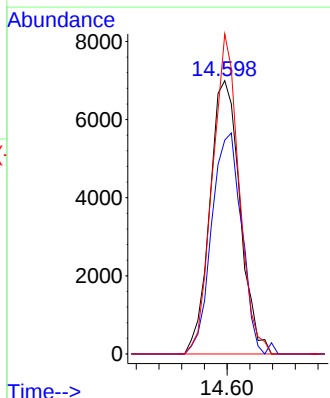
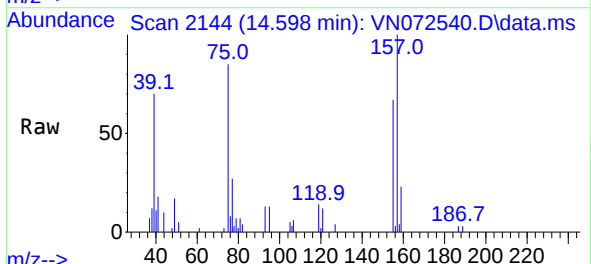
Manual Integrations
APPROVED

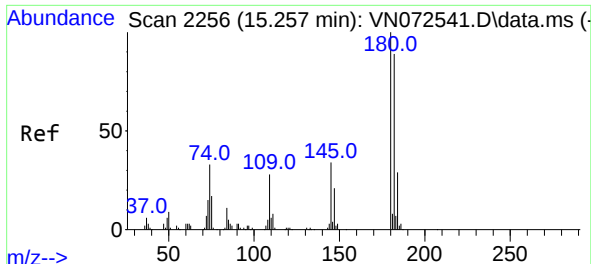
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.664 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

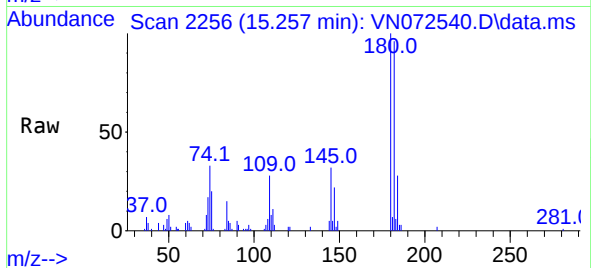
Tgt Ion: 75 Resp: 12892
Ion Ratio Lower Upper
75 100
155 79.8 44.9 134.5
157 103.3 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 20.998 ug/l
RT: 15.257 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

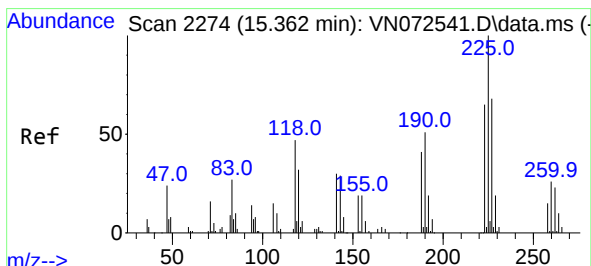
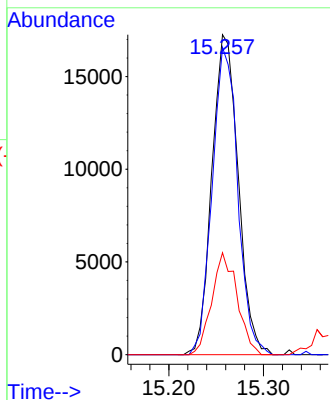
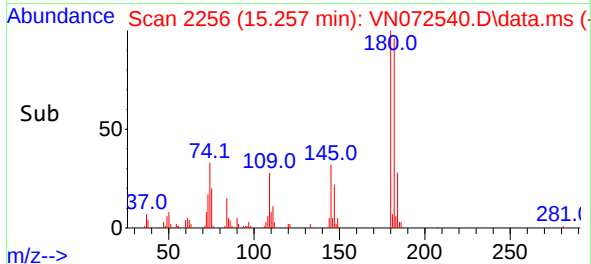
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



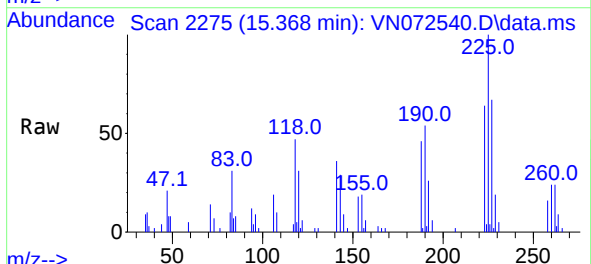
Tgt Ion:180 Resp: 3316
Ion Ratio Lower Upper
180 100
182 93.5 47.5 142.5
145 30.9 14.5 43.5

Manual Integrations
APPROVED

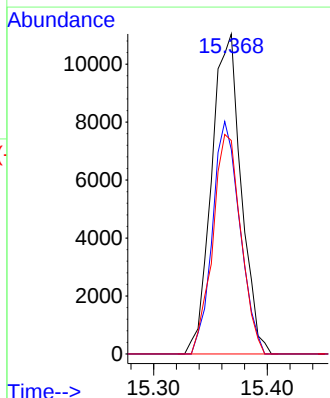
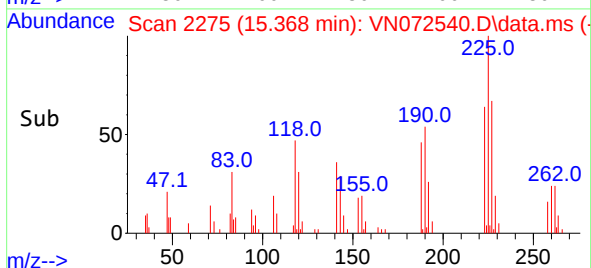
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

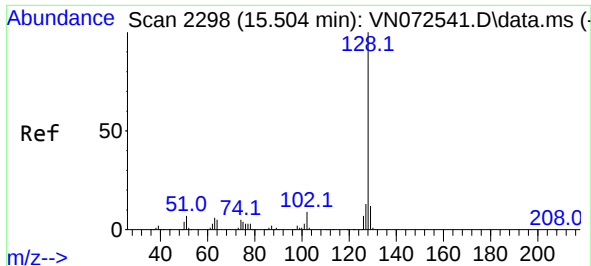


#94
Hexachlorobutadiene
Concen: 19.206 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18



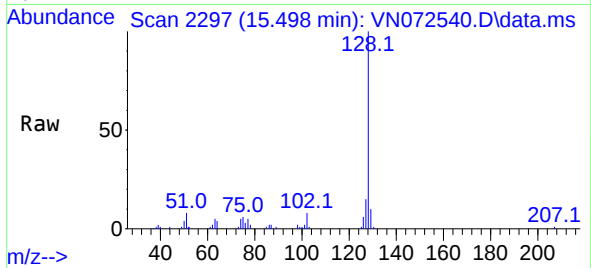
Tgt Ion:225 Resp: 19953
Ion Ratio Lower Upper
225 100
223 67.5 32.4 97.2
227 65.5 31.8 95.4





#95
Naphthalene
Concen: 20.973 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

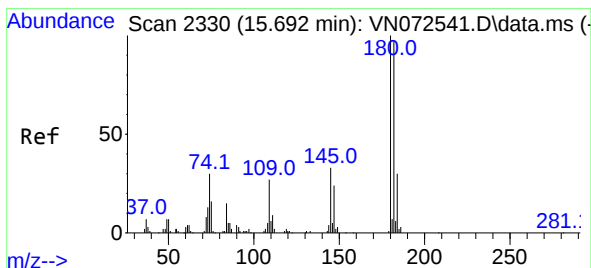
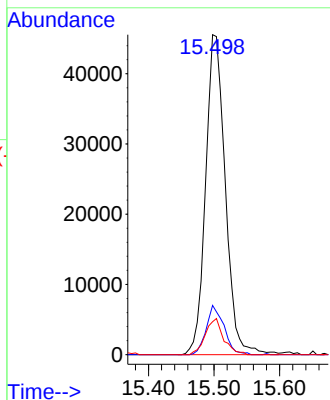
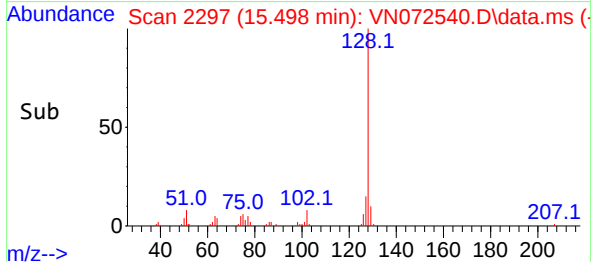
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



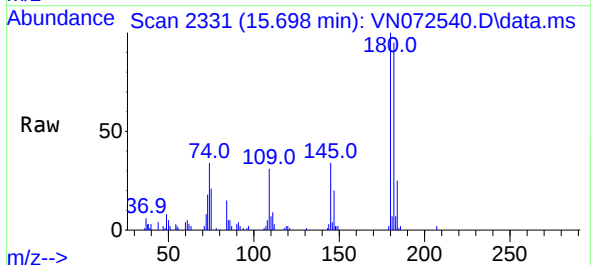
Tgt Ion:128 Resp: 9535
Ion Ratio Lower Upper
128 100
127 13.9 10.3 15.5
129 10.5 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#96
1,2,3-Trichlorobenzene
Concen: 21.519 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18



Tgt Ion:180 Resp: 34071
Ion Ratio Lower Upper
180 100
182 97.7 47.8 143.3
145 32.5 15.5 46.5

