

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071598.D
 Acq On : 28 Mar 2022 12:02
 Operator : JC\MD
 Sample : VN0328WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

Quant Time: Mar 29 04:36:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:52:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	694733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1082428	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	971799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	404158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	432433	50.100	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.200%			
35) Dibromofluoromethane	8.016	113	357943	52.618	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.240%			
50) Toluene-d8	10.433	98	1437932	52.405	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.800%			
62) 4-Bromofluorobenzene	12.727	95	471428	52.435	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	122055	16.837	ug/l	99
3) Chloromethane	2.299	50	136116	15.489	ug/l	97
4) Vinyl Chloride	2.446	62	152627	15.612	ug/l	96
5) Bromomethane	2.857	94	108441	21.017	ug/l	99
6) Chloroethane	3.022	64	107991	16.481	ug/l	97
7) Trichlorofluoromethane	3.381	101	192781	17.086	ug/l	97
8) Diethyl Ether	3.828	74	79607	16.925	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.216	101	115970	17.155	ug/l	97
10) Methyl Iodide	4.428	142	166310	17.062	ug/l	99
11) Tert butyl alcohol	5.357	59	121999	75.849	ug/l	99
12) 1,1-Dichloroethene	4.181	96	110627	16.616	ug/l	95
13) Acrolein	4.040	56	84064	68.339	ug/l	100
14) Allyl chloride	4.846	41	179173	16.671	ug/l	99
15) Acrylonitrile	5.551	53	358440	81.967	ug/l	99
16) Acetone	4.281	43	392975	111.075	ug/l	100
17) Carbon Disulfide	4.540	76	262312	15.106	ug/l	100
18) Methyl Acetate	4.846	43	156757	16.063	ug/l	100
19) Methyl tert-butyl Ether	5.610	73	413664	17.372	ug/l	100
20) Methylene Chloride	5.098	84	133107	16.147	ug/l	96
21) trans-1,2-Dichloroethene	5.598	96	118970	16.465	ug/l	92
22) Diisopropyl ether	6.492	45	392186	17.601	ug/l	97
23) Vinyl Acetate	6.428	43	1659952	86.778	ug/l	99
24) 1,1-Dichloroethane	6.387	63	229919	17.031	ug/l	98
25) 2-Butanone	7.328	43	506560	89.242	ug/l	100
26) 2,2-Dichloropropane	7.322	77	200956	17.793	ug/l	100
27) cis-1,2-Dichloroethene	7.322	96	148697	17.261	ug/l	99
28) Bromochloromethane	7.651	49	87781	15.914	ug/l	99
29) Tetrahydrofuran	7.681	42	302686	80.196	ug/l	99
30) Chloroform	7.816	83	240268	17.754	ug/l	99
31) Cyclohexane	8.086	56	209025	16.924	ug/l	98
32) 1,1,1-Trichloroethane	8.010	97	207519	17.604	ug/l	99
36) 1,1-Dichloropropene	8.216	75	170084	17.341	ug/l	98
37) Ethyl Acetate	7.404	43	193734	18.121	ug/l	99
38) Carbon Tetrachloride	8.204	117	175192	18.324	ug/l	99
39) Methylcyclohexane	9.457	83	216921	18.027	ug/l	96
40) Benzene	8.457	78	544776	17.843	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	89455	17.624	ug/l	98
42) 1,2-Dichloroethane	8.522	62	187215	17.580	ug/l	99
43) Isopropyl Acetate	8.557	43	314408	18.137	ug/l	97
44) Trichloroethene	9.210	130	140520	17.731	ug/l	98
45) 1,2-Dichloropropane	9.481	63	135153	17.870	ug/l	100
46) Dibromomethane	9.569	93	91129	17.704	ug/l	96
47) Bromodichloromethane	9.757	83	183910	18.228	ug/l	99
48) Methyl methacrylate	9.551	41	134119	17.377	ug/l	99
49) 1,4-Dioxane	9.563	88	56371	316.524	ug/l	96
51) 4-Methyl-2-Pentanone	10.322	43	907679	84.803	ug/l	100
52) Toluene	10.498	92	350554	18.345	ug/l	100
53) t-1,3-Dichloropropene	10.710	75	197040	18.162	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	215380	18.003	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	139663	18.028	ug/l	99
56) Ethyl methacrylate	10.757	69	208630	17.865	ug/l	99
57) 1,3-Dichloropropane	11.039	76	235589	18.074	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	196778	68.072	ug/l	100
59) 2-Hexanone	11.080	43	682023	88.390	ug/l	100
60) Dibromochloromethane	11.233	129	142899	18.288	ug/l	98
61) 1,2-Dibromoethane	11.339	107	141456	18.098	ug/l	100
64) Tetrachloroethene	10.969	164	126504	18.833	ug/l	93
65) Chlorobenzene	11.763	112	378743	18.370	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	136636	18.733	ug/l	100
67) Ethyl Benzene	11.839	91	646444	18.263	ug/l	100
68) m/p-Xylenes	11.945	106	505126	37.295	ug/l	99
69) o-Xylene	12.274	106	251908	18.722	ug/l	97
70) Styrene	12.286	104	388905	18.538	ug/l	99
71) Bromoform	12.451	173	107702	18.774	ug/l #	100
73) Isopropylbenzene	12.574	105	640262	17.969	ug/l	99
74) N-amyl acetate	12.380	43	187932	16.409	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	209295	17.497	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	153206m	17.000	ug/l	
77) Bromobenzene	12.857	156	154838	17.437	ug/l	98
78) n-propylbenzene	12.916	91	687744	18.142	ug/l	100
79) 2-Chlorotoluene	13.004	91	426410	17.431	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	515989	18.345	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.616	75	57235	17.003	ug/l	99
82) 4-Chlorotoluene	13.098	91	399817	17.753	ug/l	99
83) tert-Butylbenzene	13.321	119	466647	18.379	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	504393	18.584	ug/l	100
85) sec-Butylbenzene	13.498	105	612537	18.201	ug/l	99
86) p-Isopropyltoluene	13.610	119	502051	18.714	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	260814	18.107	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	249278	17.511	ug/l	98
89) n-Butylbenzene	13.939	91	355114	17.284	ug/l	100
90) Hexachloroethane	14.204	117	88670	16.933	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	256242	18.559	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	34329	16.293	ug/l	98
93) 1,2,4-Trichlorobenzene	15.262	180	109705	17.147	ug/l	99
94) Hexachlorobutadiene	15.363	225	74030	19.134	ug/l	97
95) Naphthalene	15.504	128	270952	15.540	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	107089	16.869	ug/l	100

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Response via : Initial Calibration

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

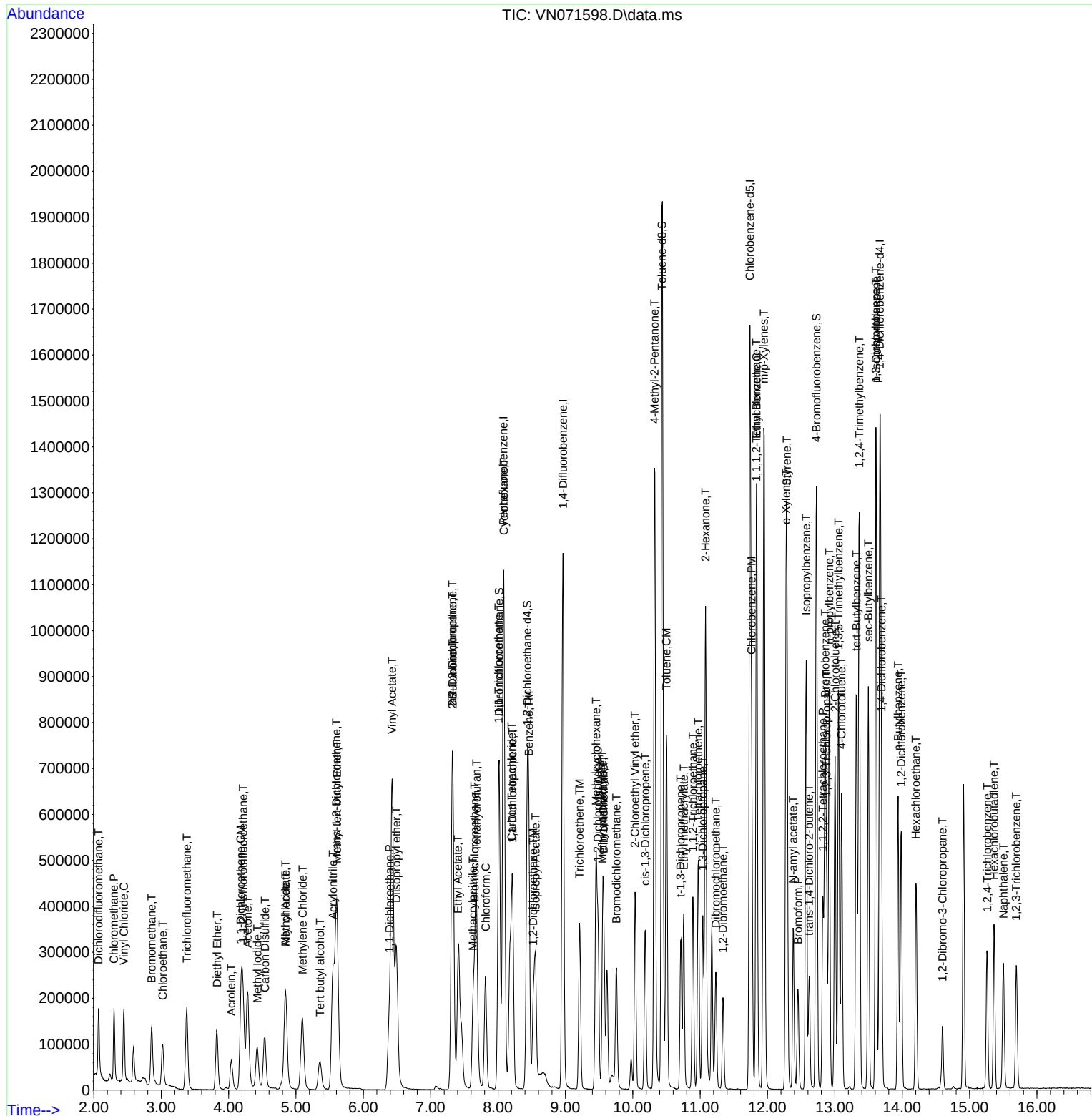
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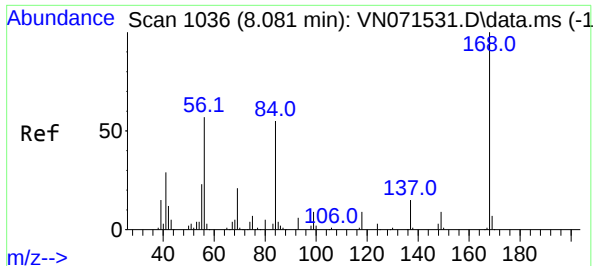
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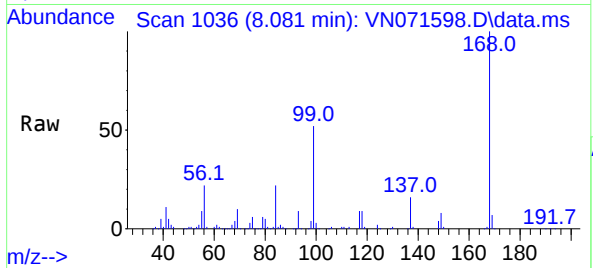
Reviewed By : John Carlone 03/29/2022
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071598.D
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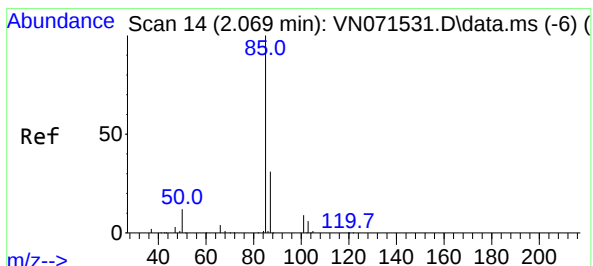
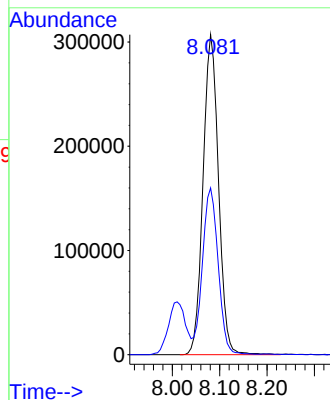
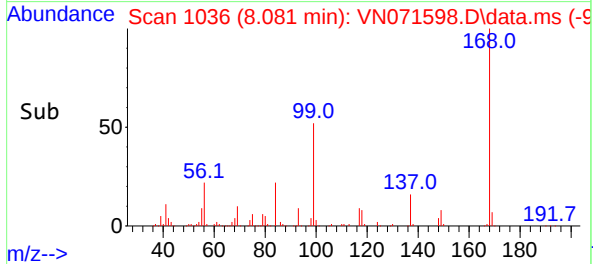
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 694733
Ion Ratio Lower Upper
168 100
99 52.0 42.3 63.5

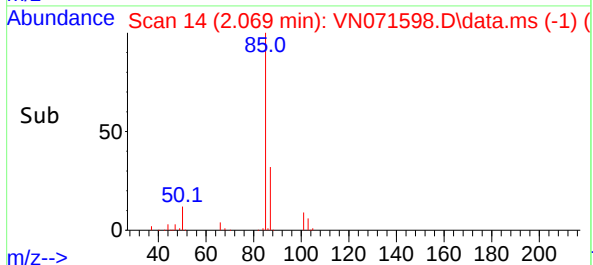
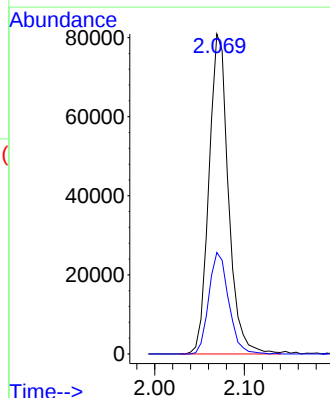
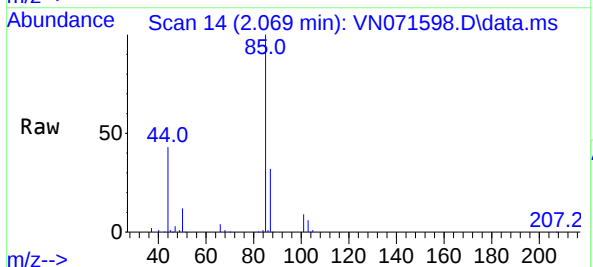
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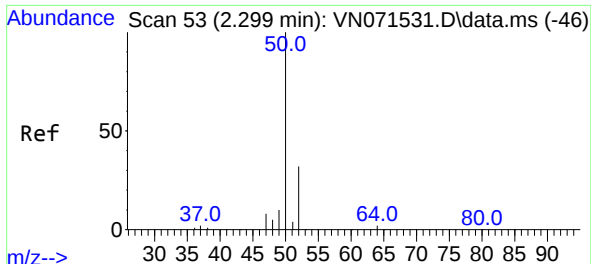
Reviewed By :John Carlone 03/29/2022
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Dichlorodifluoromethane
Concen: 16.837 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071598.D
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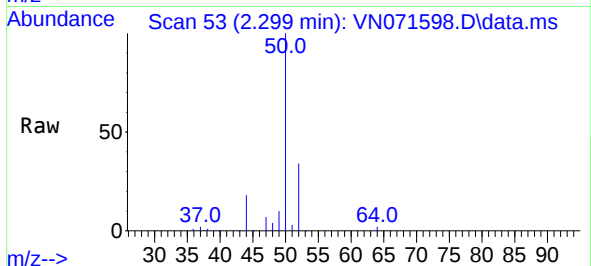
Tgt Ion: 85 Resp: 122055
Ion Ratio Lower Upper
85 100
87 31.7 15.7 47.1





#3
Chloromethane
Concen: 15.489 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

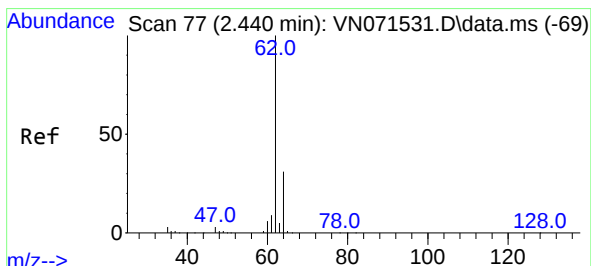
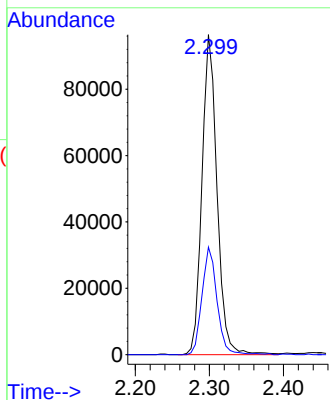
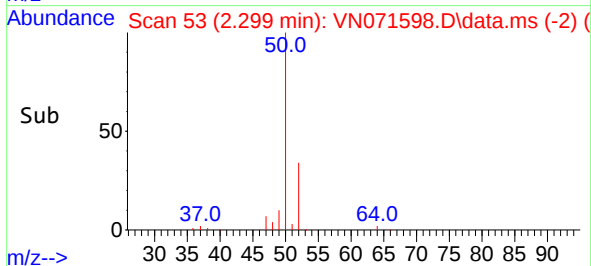
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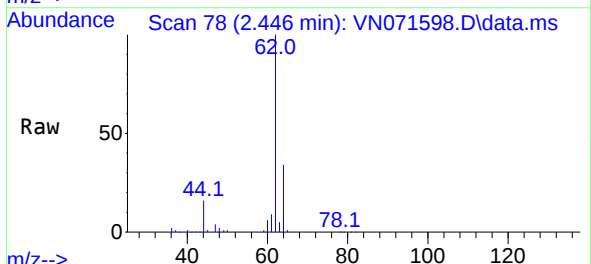
Tgt Ion: 50 Resp: 136110
Ion Ratio Lower Upper
50 100
52 33.6 25.7 38.5

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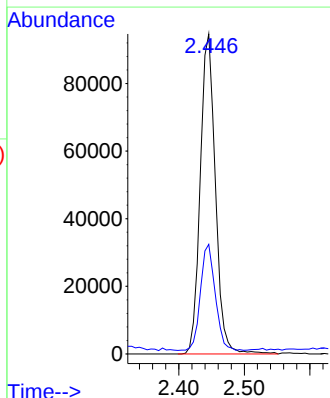
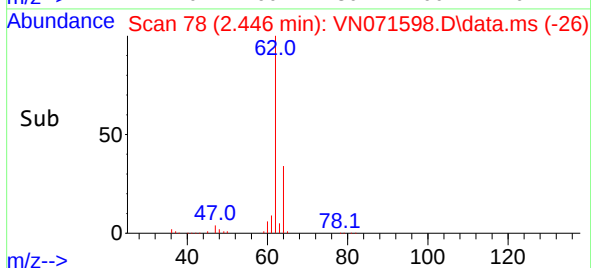
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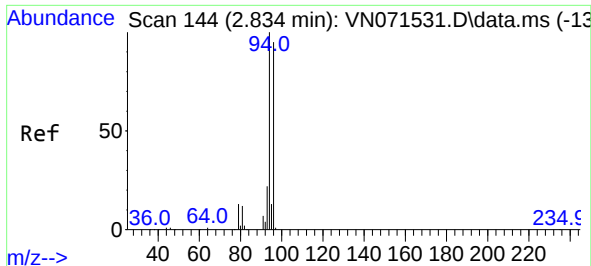


#4
Vinyl Chloride
Concen: 15.612 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.006 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02



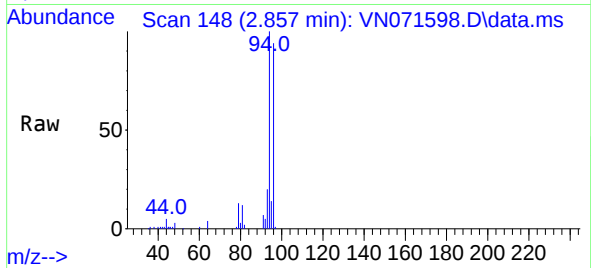
Tgt Ion: 62 Resp: 152627
Ion Ratio Lower Upper
62 100
64 33.1 25.0 37.4





#5
Bromomethane
Concen: 21.017 ug/l
RT: 2.857 min Scan# 144
Delta R.T. 0.023 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

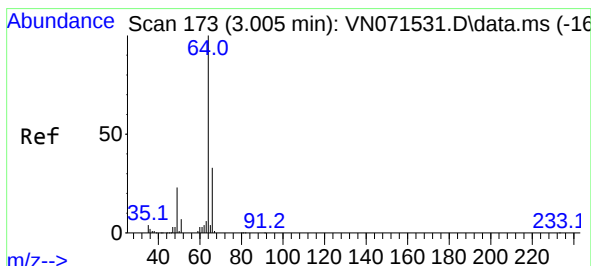
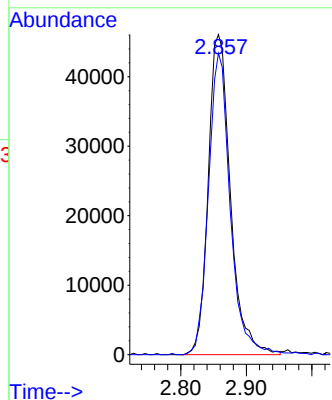
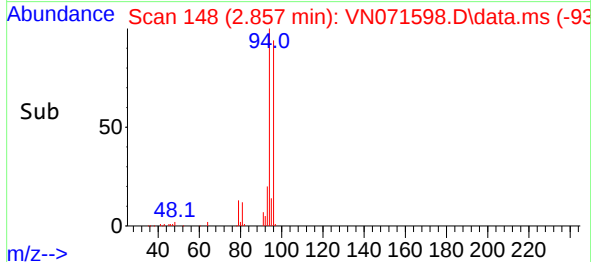
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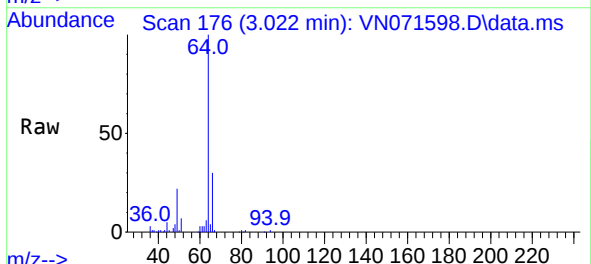
Tgt Ion: 94 Resp: 10844
Ion Ratio Lower Upper
94 100
96 94.2 76.0 114.0

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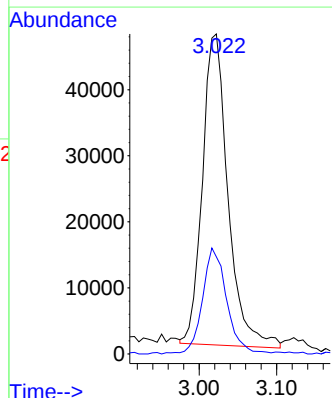
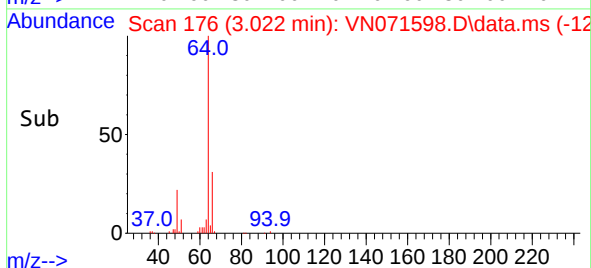
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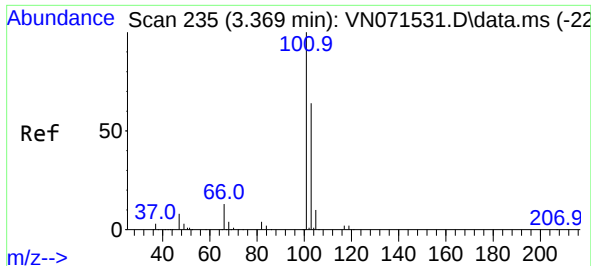


#6
Chloroethane
Concen: 16.481 ug/l
RT: 3.022 min Scan# 176
Delta R.T. 0.017 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02



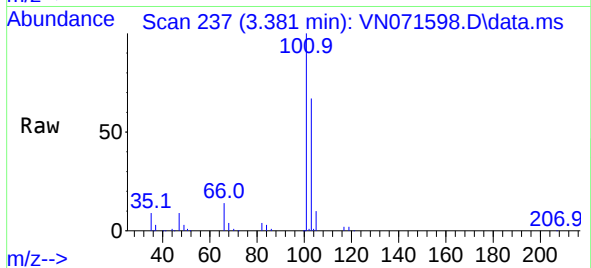
Tgt Ion: 64 Resp: 107991
Ion Ratio Lower Upper
64 100
66 31.0 26.2 39.4





#7
Trichlorofluoromethane
Concen: 17.086 ug/l
RT: 3.381 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

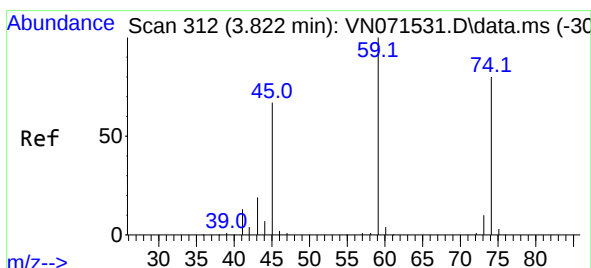
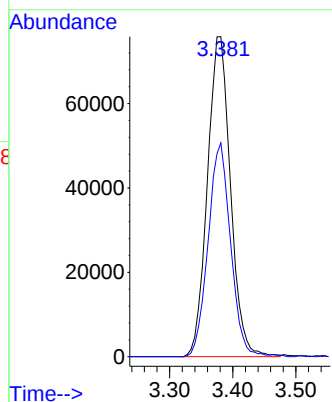
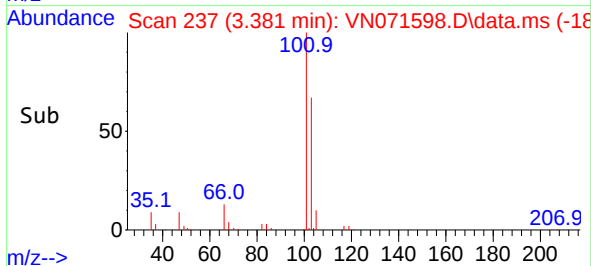
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Tgt Ion:101 Resp: 19278
Ion Ratio Lower Upper
101 100
103 66.8 51.5 77.3

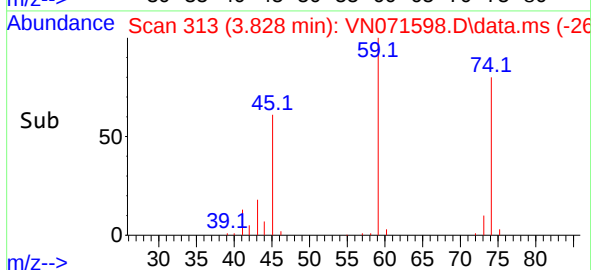
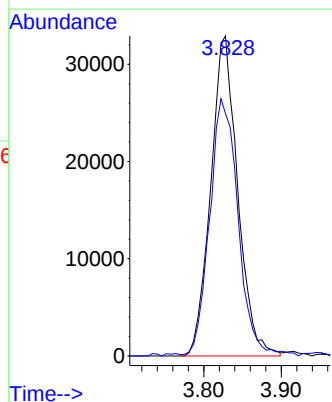
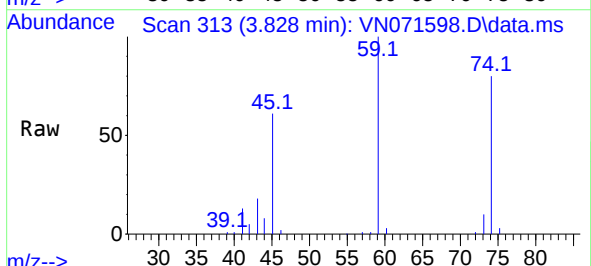
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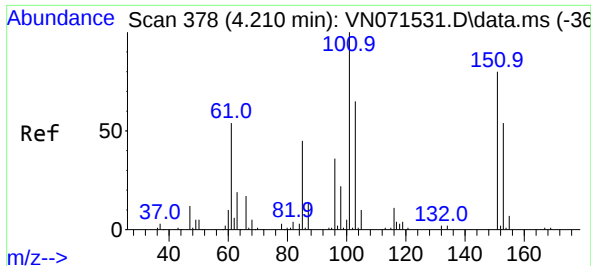
Reviewed By :John Carlone 03/29/2022
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#8
Diethyl Ether
Concen: 16.925 ug/l
RT: 3.828 min Scan# 313
Delta R.T. 0.006 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

Tgt Ion: 74 Resp: 79607
Ion Ratio Lower Upper
74 100
45 84.7 42.9 128.5





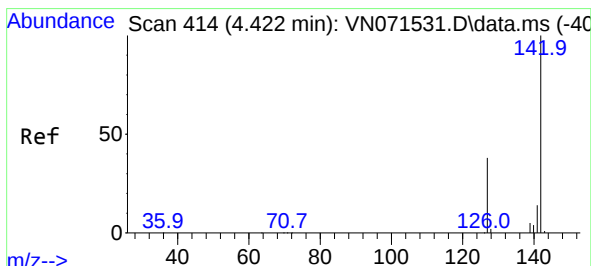
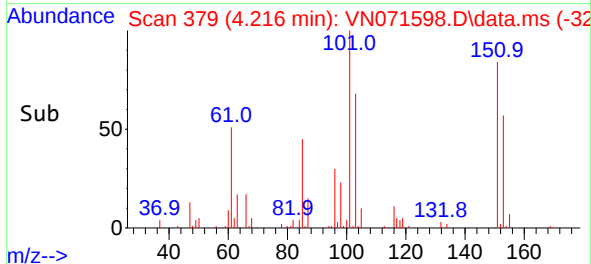
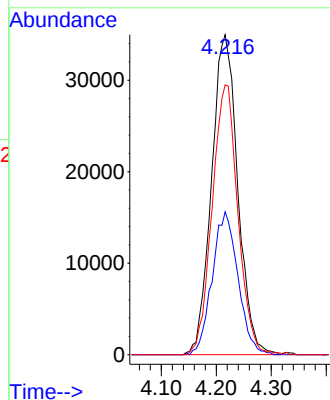
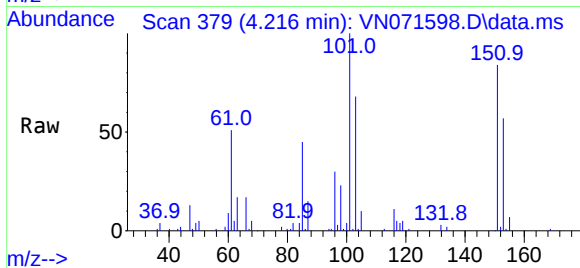
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.155 ug/l
RT: 4.216 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01

Tgt Ion:101 Resp: 115970
Ion Ratio Lower Upper
101 100
85 43.9 34.7 52.1
151 82.7 63.0 94.4

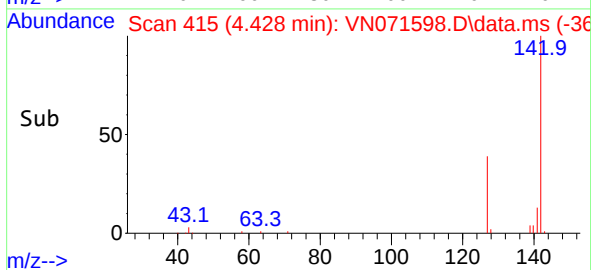
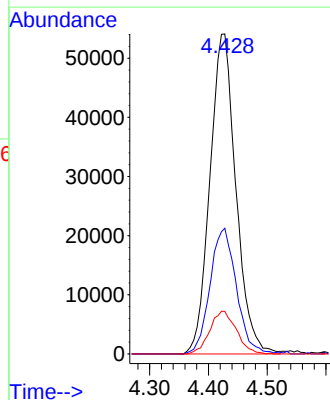
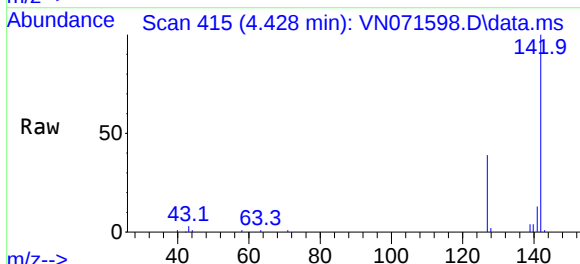
Manual Integrations
APPROVED

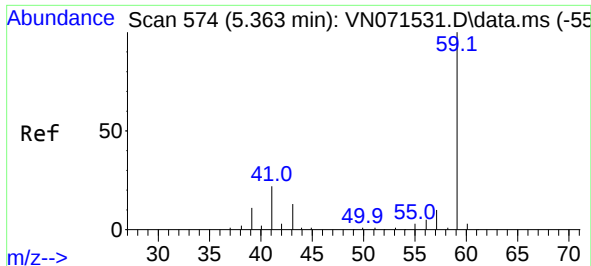
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#10
Methyl Iodide
Concen: 17.062 ug/l
RT: 4.428 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

Tgt Ion:142 Resp: 166310
Ion Ratio Lower Upper
142 100
127 39.8 31.3 46.9
141 13.7 11.2 16.8





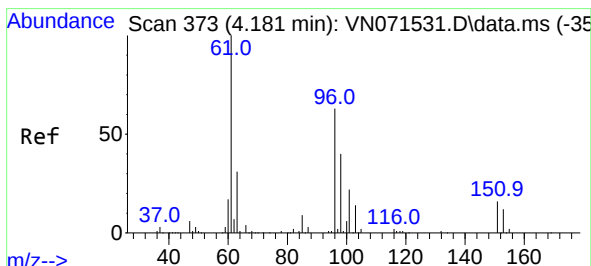
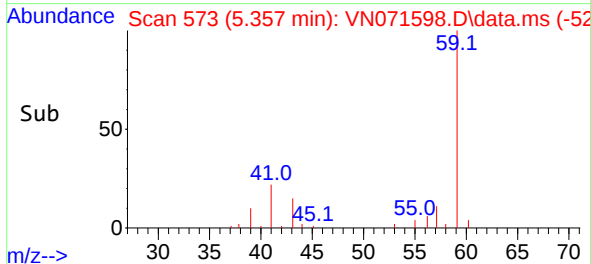
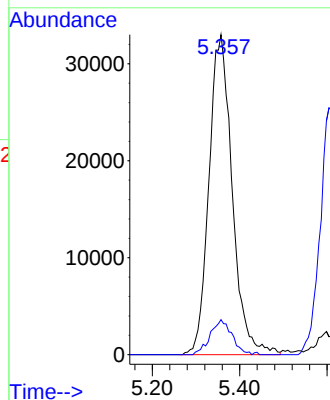
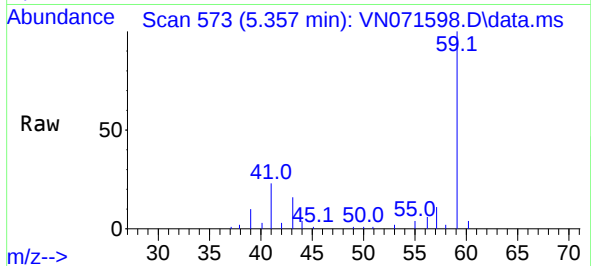
#11
Tert butyl alcohol
Concen: 75.849 ug/l
RT: 5.357 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01

Tgt Ion: 59 Resp: 121999
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

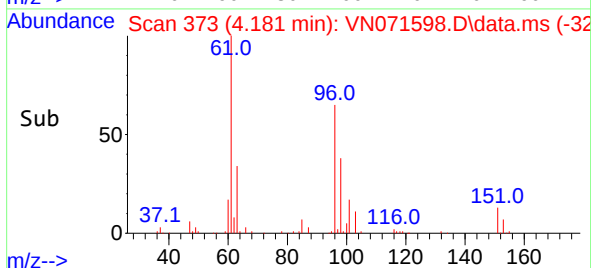
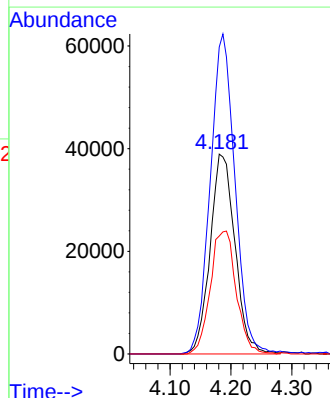
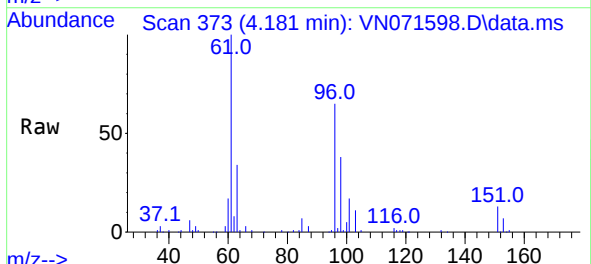
Manual Integrations
APPROVED

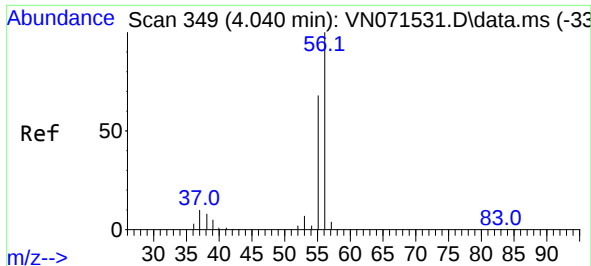
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#12
1,1-Dichloroethene
Concen: 16.616 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

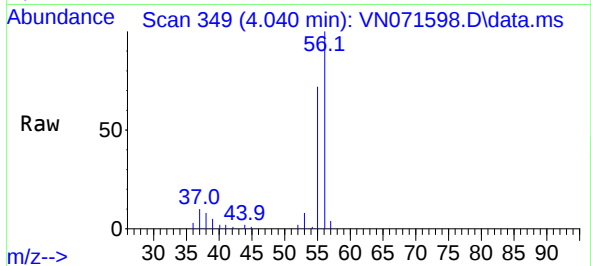
Tgt Ion: 96 Resp: 110627
Ion Ratio Lower Upper
96 100
61 153.5 127.6 191.4
98 59.0 51.2 76.8





#13
Acrolein
Concen: 68.339 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

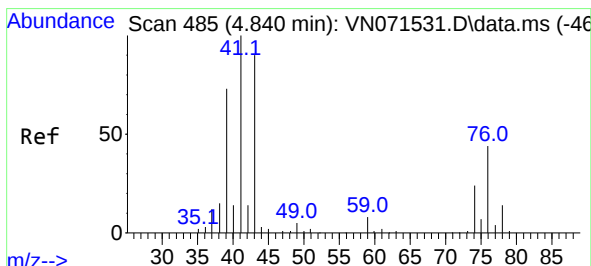
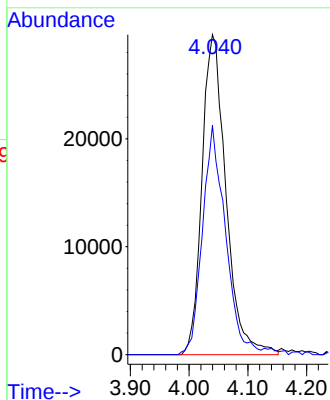
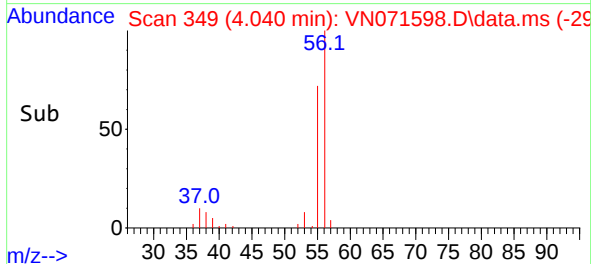
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



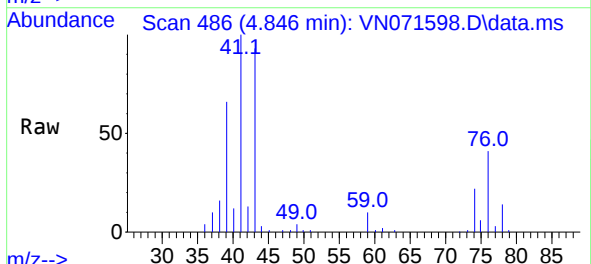
Tgt Ion: 56 Resp: 84064
Ion Ratio Lower Upper
56 100
55 68.4 54.8 82.2

Manual Integrations
APPROVED

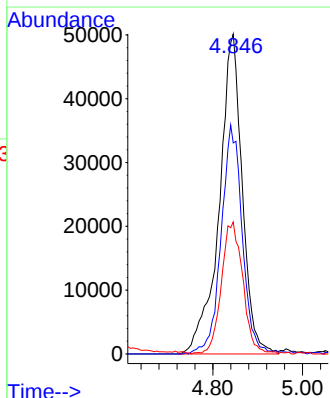
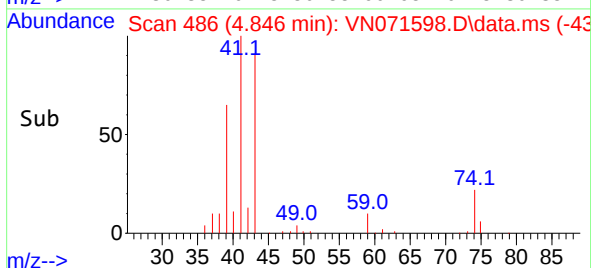
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

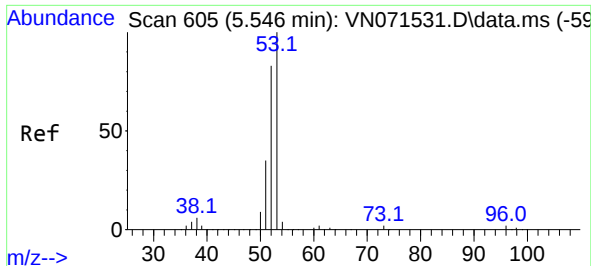


#14
Allyl chloride
Concen: 16.671 ug/l
RT: 4.846 min Scan# 486
Delta R.T. 0.006 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02



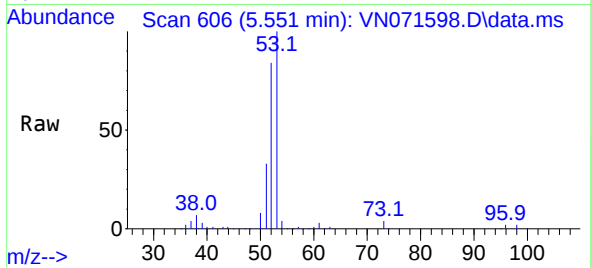
Tgt Ion: 41 Resp: 179173
Ion Ratio Lower Upper
41 100
39 65.8 53.2 79.8
76 38.3 29.9 44.9





#15
Acrylonitrile
Concen: 81.967 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.005 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

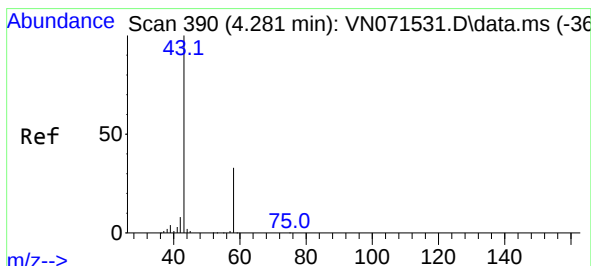
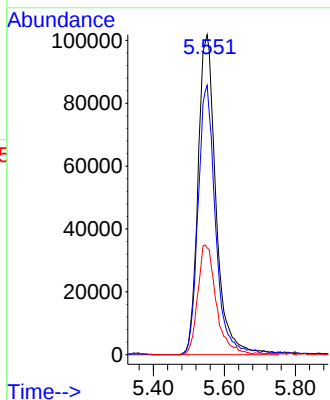
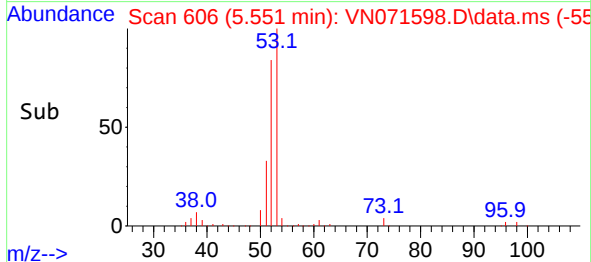
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



Tgt Ion: 53 Resp: 358440
Ion Ratio Lower Upper
53 100
52 81.5 66.4 99.6
51 35.3 28.5 42.7

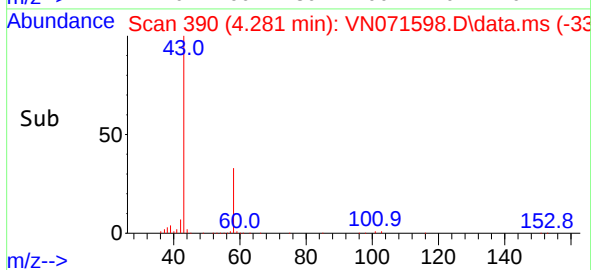
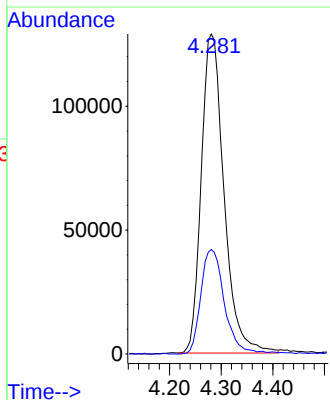
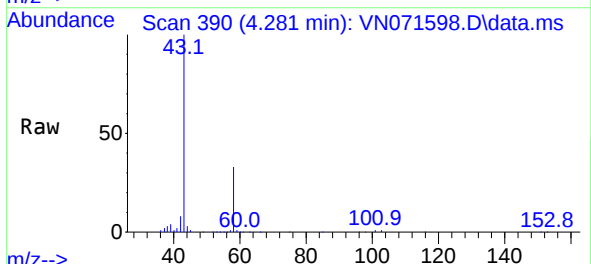
Manual Integrations
APPROVED

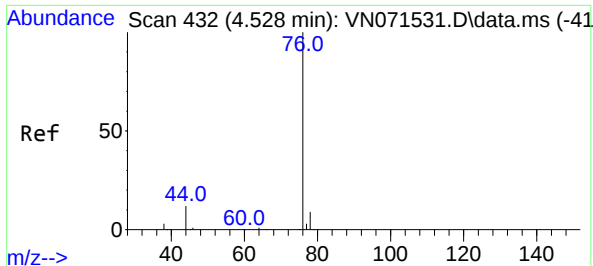
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#16
Acetone
Concen: 111.075 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

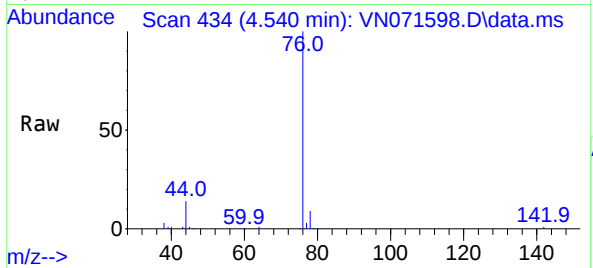
Tgt Ion: 43 Resp: 392975
Ion Ratio Lower Upper
43 100
58 32.7 26.0 39.0





#17
Carbon Disulfide
Concen: 15.106 ug/l
RT: 4.540 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

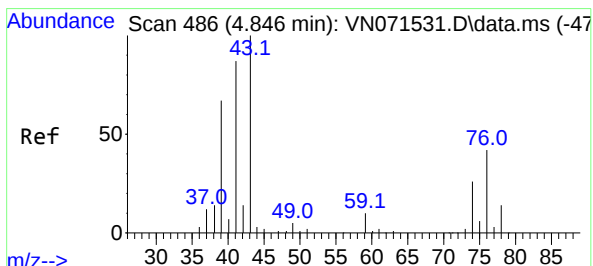
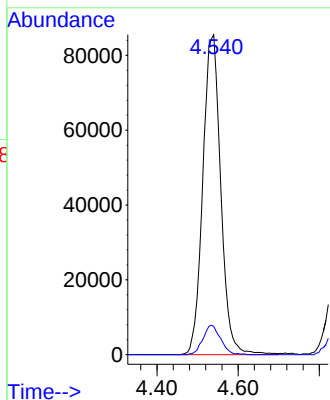
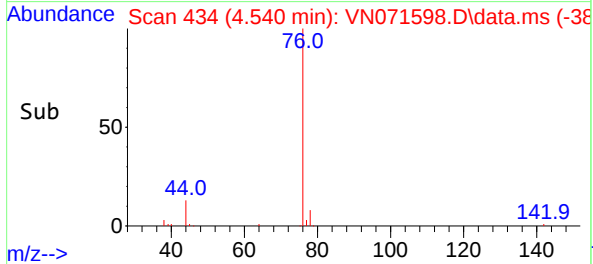
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



Tgt Ion: 76 Resp: 26231
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

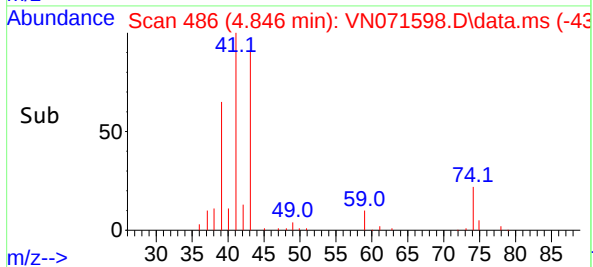
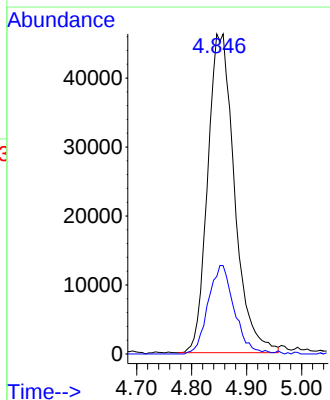
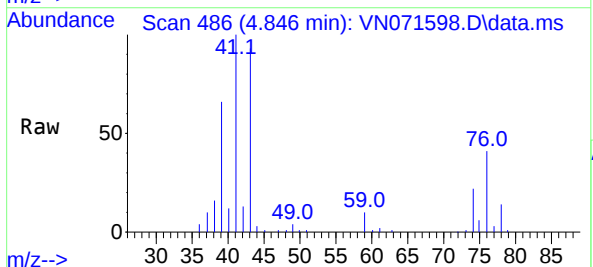
Manual Integrations
APPROVED

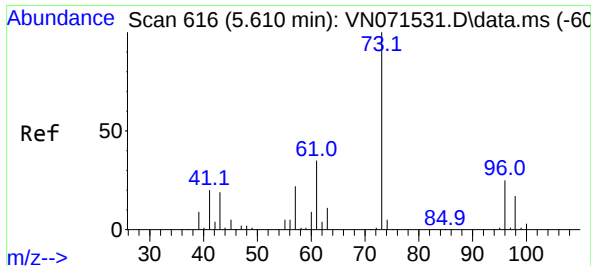
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#18
Methyl Acetate
Concen: 16.063 ug/l
RT: 4.846 min Scan# 486
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

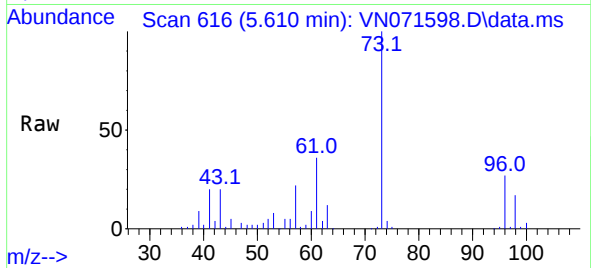
Tgt Ion: 43 Resp: 156757
Ion Ratio Lower Upper
43 100
74 27.0 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 17.372 ug/l
RT: 5.610 min Scan# 616
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

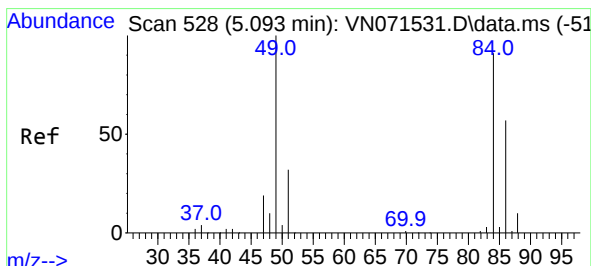
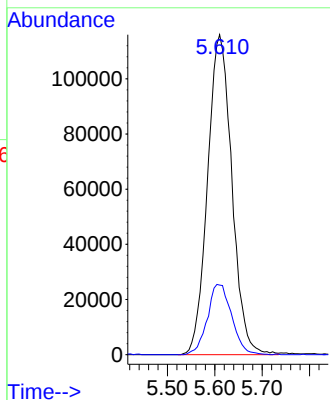
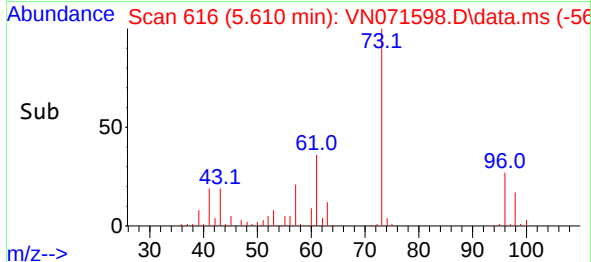
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



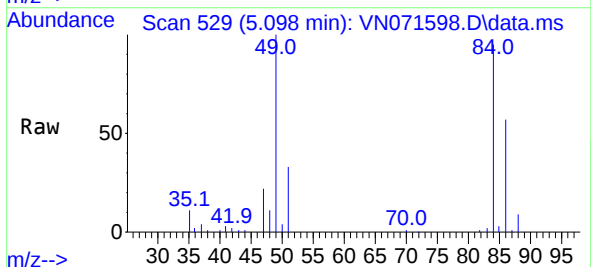
Tgt Ion: 73 Resp: 413664
Ion Ratio Lower Upper
73 100
57 21.8 17.6 26.4

Manual Integrations
APPROVED

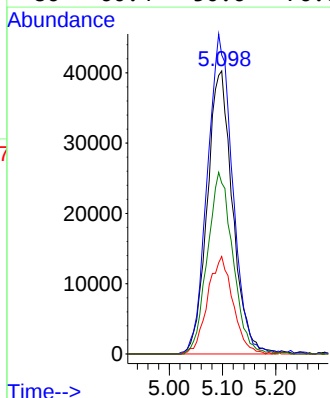
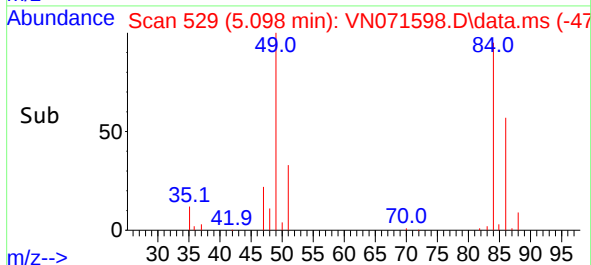
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

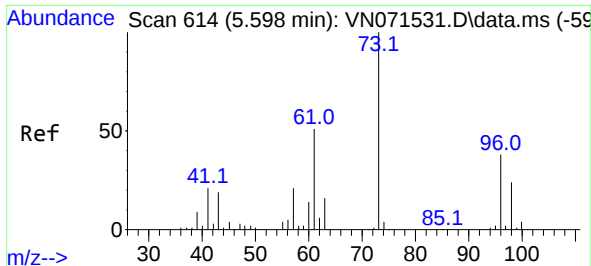


#20
Methylene Chloride
Concen: 16.147 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.006 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02



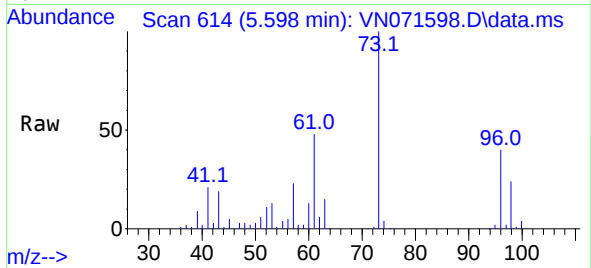
Tgt Ion: 84 Resp: 133107
Ion Ratio Lower Upper
84 100
49 105.6 88.3 132.5
51 34.4 28.2 42.2
86 60.4 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 16.465 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

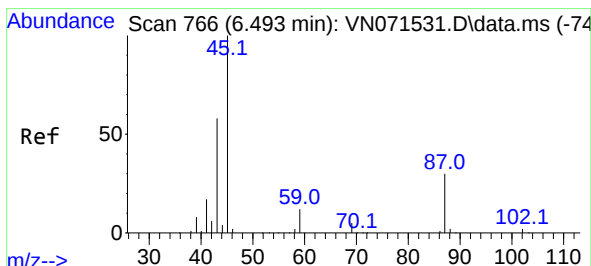
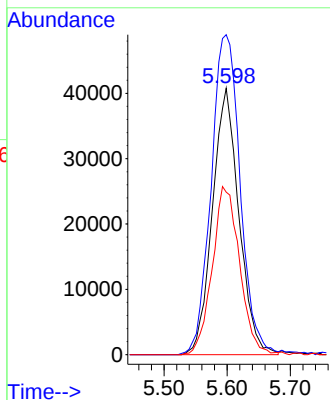
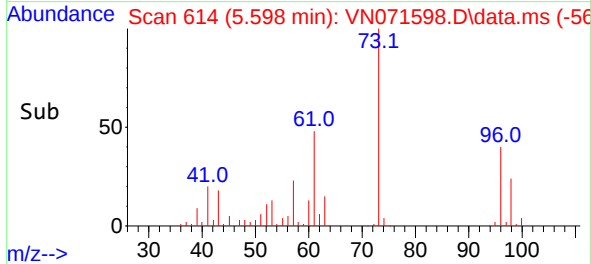
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



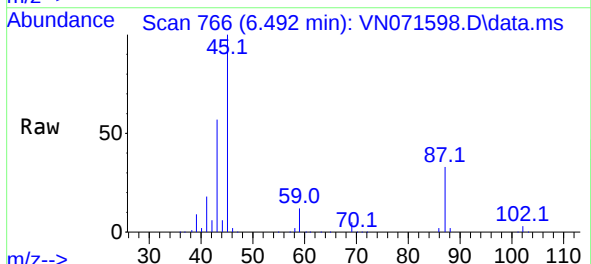
Tgt Ion: 96 Resp: 118970
Ion Ratio Lower Upper
96 100
61 120.1 105.8 158.8
98 61.0 50.3 75.5

Manual Integrations
APPROVED

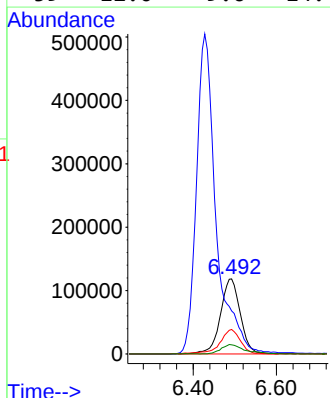
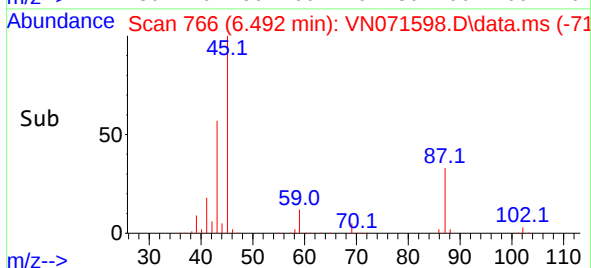
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

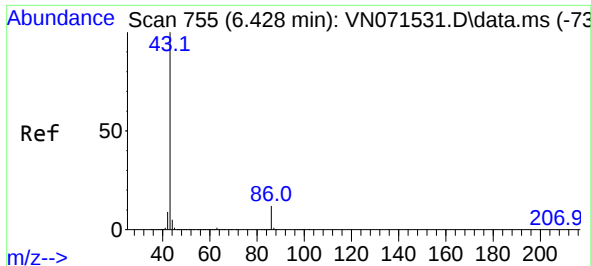


#22
Diisopropyl ether
Concen: 17.601 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02



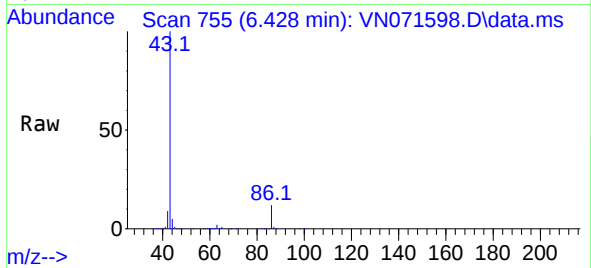
Tgt Ion: 45 Resp: 392186
Ion Ratio Lower Upper
45 100
43 56.5 46.6 70.0
87 32.5 24.3 36.5
59 12.0 9.6 14.4





#23
 Vinyl Acetate
 Concen: 86.778 ug/l
 RT: 6.428 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN071598.D
 Acq: 28 Mar 2022 12:02

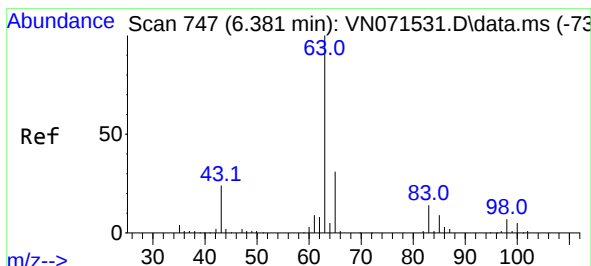
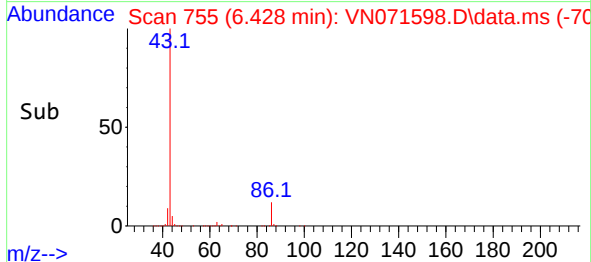
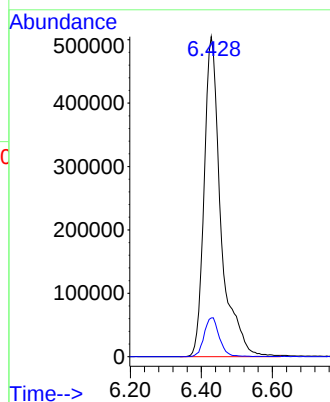
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBS01



Tgt Ion: 43 Resp: 165995
 Ion Ratio Lower Upper
 43 100
 86 12.1 10.0 15.0

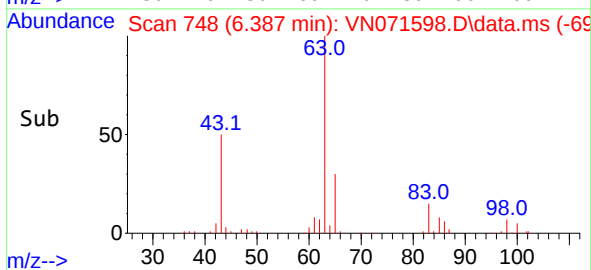
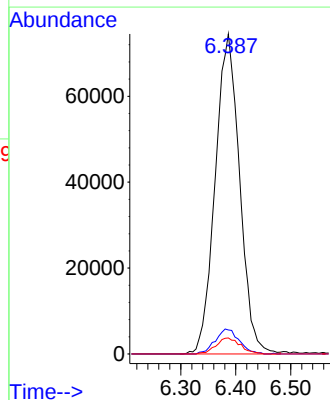
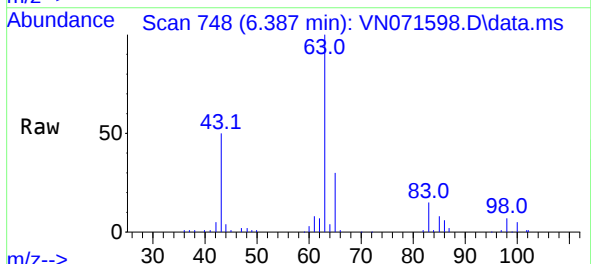
Manual Integrations
 APPROVED

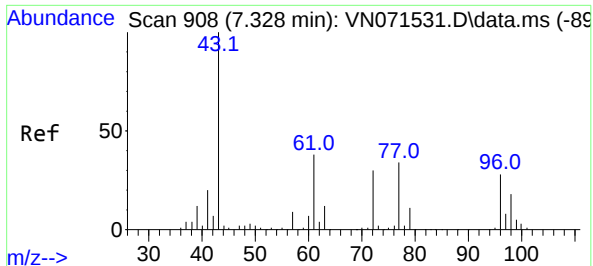
Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022



#24
 1,1-Dichloroethane
 Concen: 17.031 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. 0.006 min
 Lab File: VN071598.D
 Acq: 28 Mar 2022 12:02

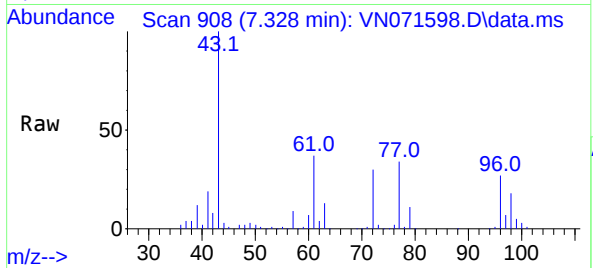
Tgt Ion: 63 Resp: 229919
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 5.0 2.3 6.8





#25
2-Butanone
Concen: 89.242 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

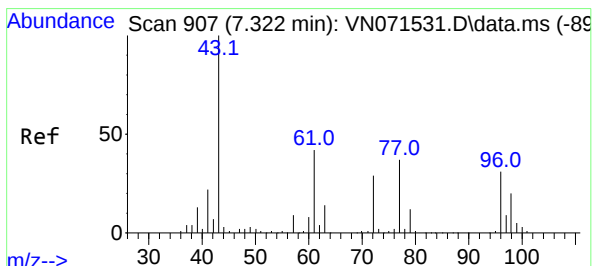
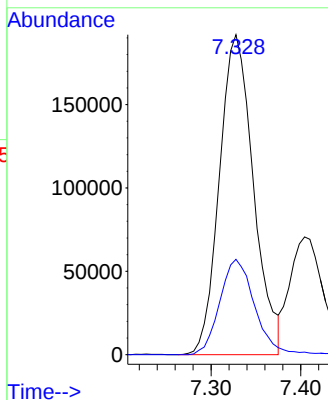
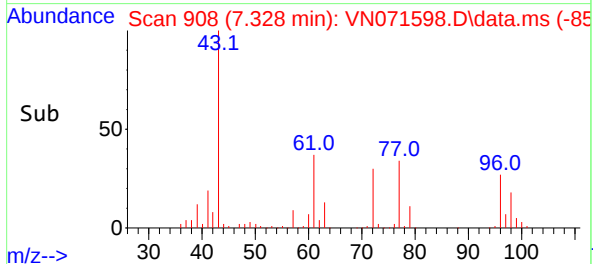
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



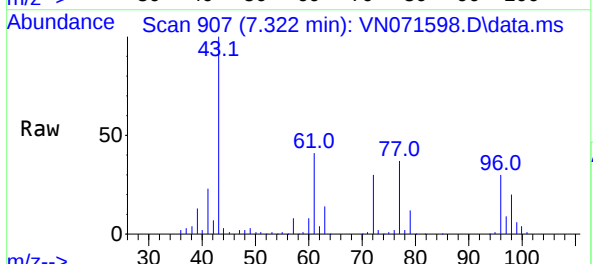
Tgt Ion: 43 Resp: 506560
Ion Ratio Lower Upper
43 100
72 29.8 23.7 35.5

Manual Integrations
APPROVED

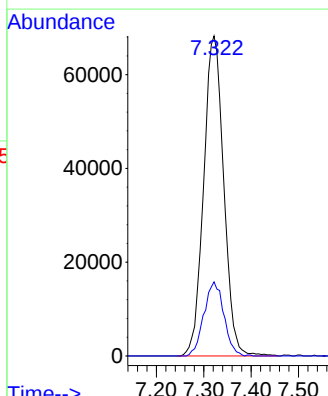
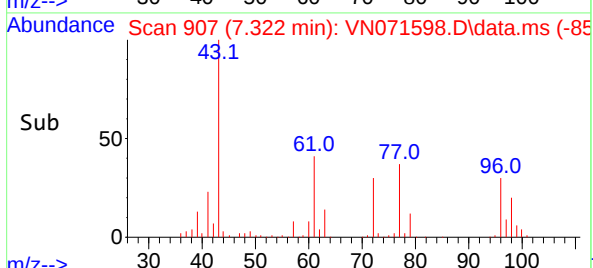
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

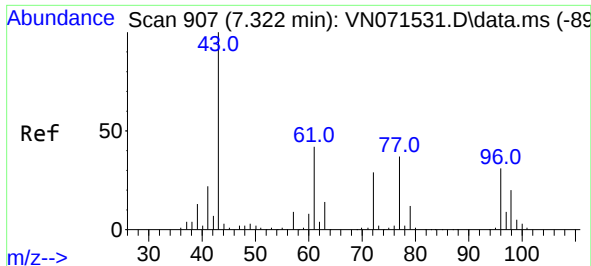


#26
2,2-Dichloropropane
Concen: 17.793 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02



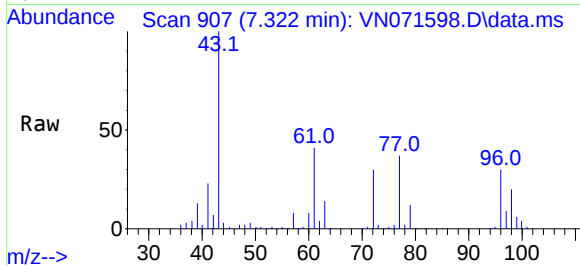
Tgt Ion: 77 Resp: 200956
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 17.261 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN071598.D
 Acq: 28 Mar 2022 12:02

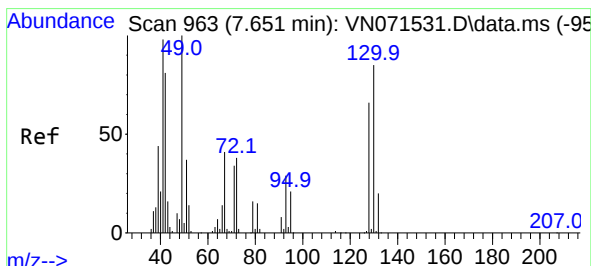
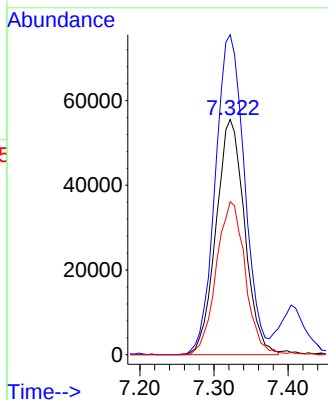
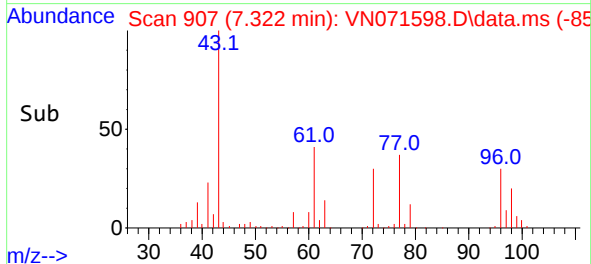
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBS01



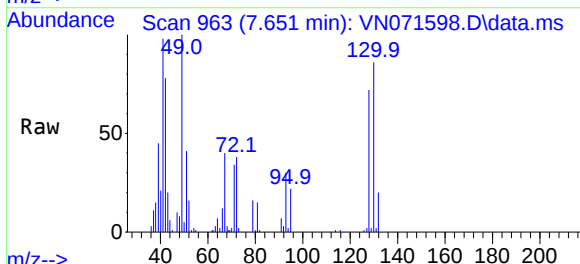
Tgt Ion: 96 Resp: 148697
 Ion Ratio Lower Upper
 96 100
 61 139.6 0.0 280.6
 98 65.9 0.0 128.4

Manual Integrations
 APPROVED

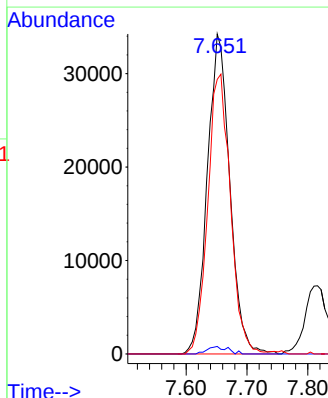
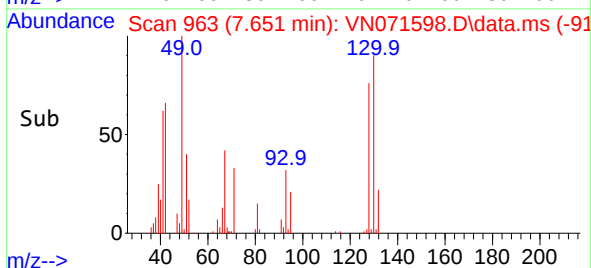
Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022

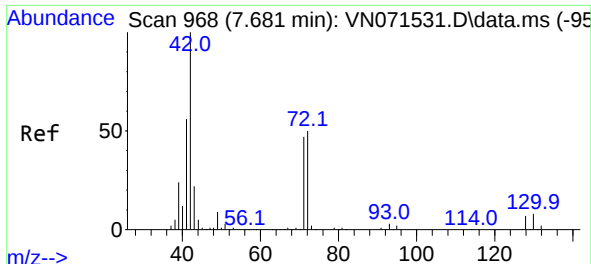


#28
 Bromochloromethane
 Concen: 15.914 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. -0.000 min
 Lab File: VN071598.D
 Acq: 28 Mar 2022 12:02



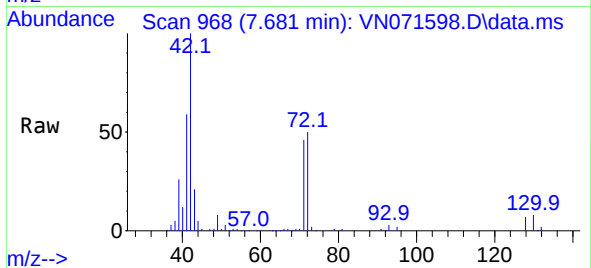
Tgt Ion: 49 Resp: 87781
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 88.0 69.7 104.5





#29
Tetrahydrofuran
Concen: 80.196 ug/l
RT: 7.681 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

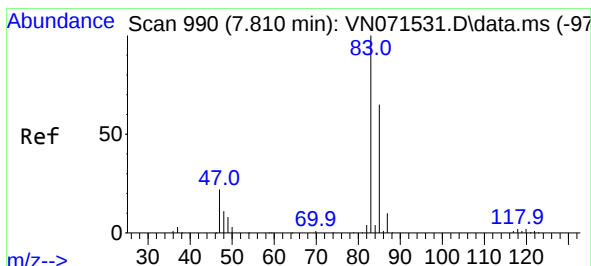
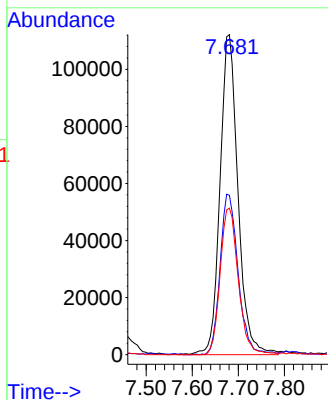
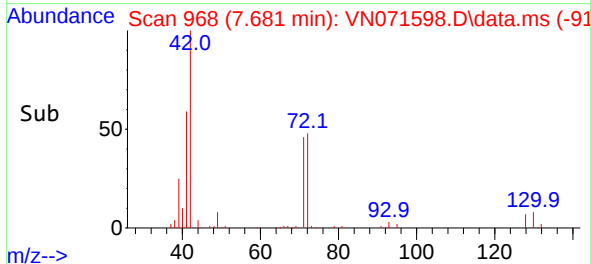
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



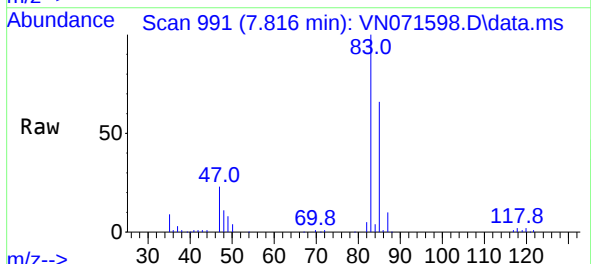
Tgt Ion: 42 Resp: 302680
Ion Ratio Lower Upper
42 100
72 50.4 39.7 59.5
71 46.2 36.6 55.0

Manual Integrations
APPROVED

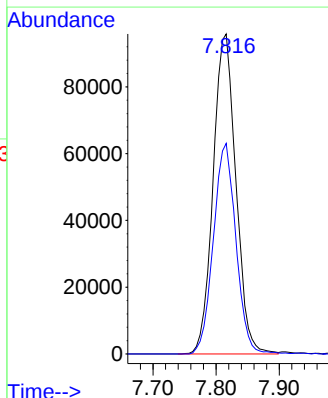
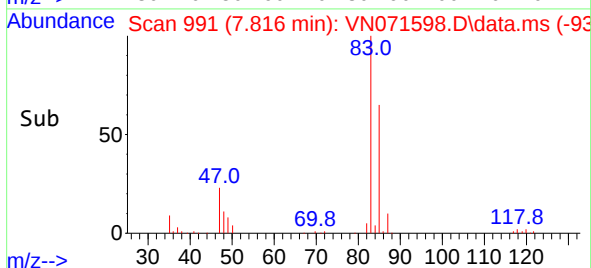
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

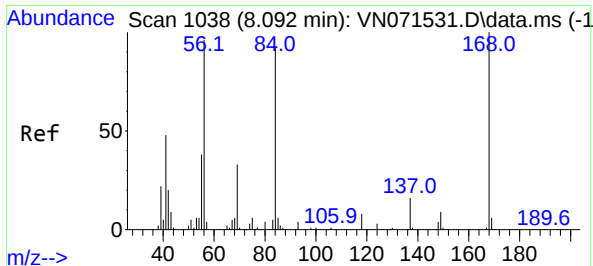


#30
Chloroform
Concen: 17.754 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02



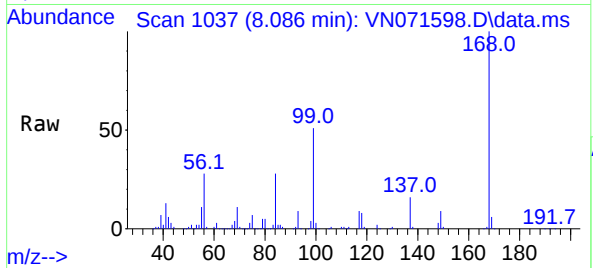
Tgt Ion: 83 Resp: 240268
Ion Ratio Lower Upper
83 100
85 65.8 51.8 77.8





#31
Cyclohexane
Concen: 16.924 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

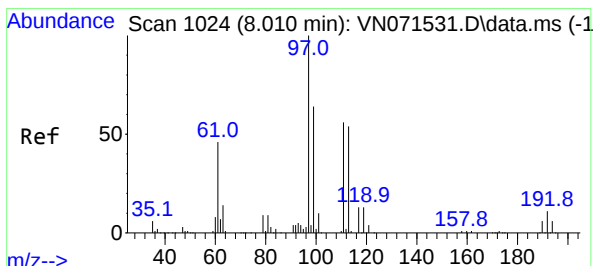
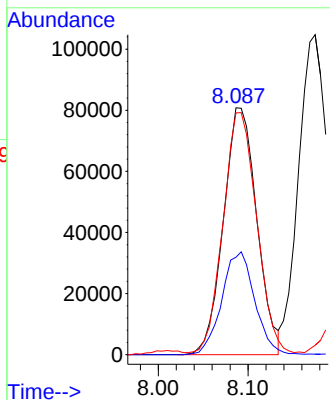
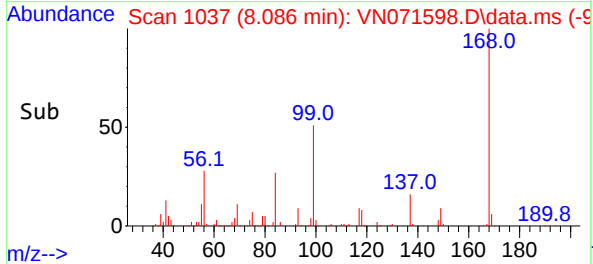
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



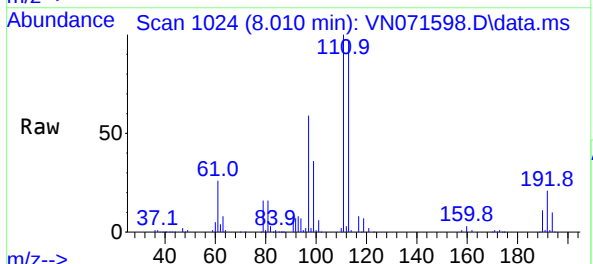
Tgt Ion: 56 Resp: 20902
Ion Ratio Lower Upper
56 100
69 39.5 27.8 41.8
84 96.4 76.9 115.3

Manual Integrations
APPROVED

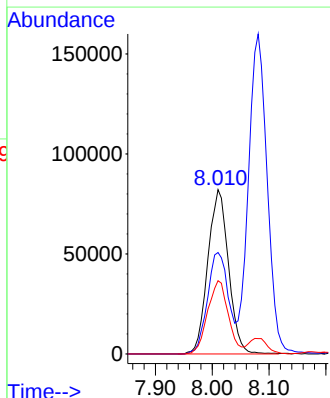
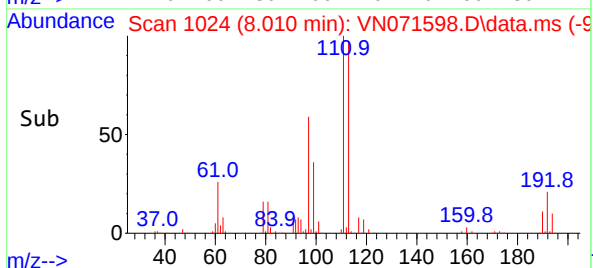
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

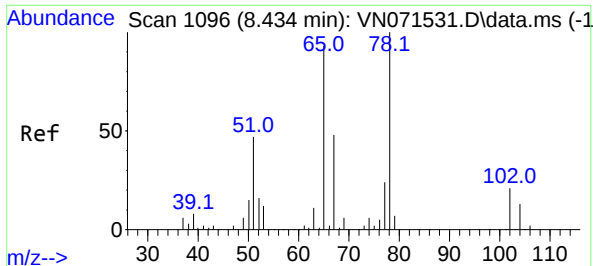


#32
1,1,1-Trichloroethane
Concen: 17.604 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02



Tgt Ion: 97 Resp: 207519
Ion Ratio Lower Upper
97 100
99 62.0 50.6 76.0
61 44.4 36.0 54.0





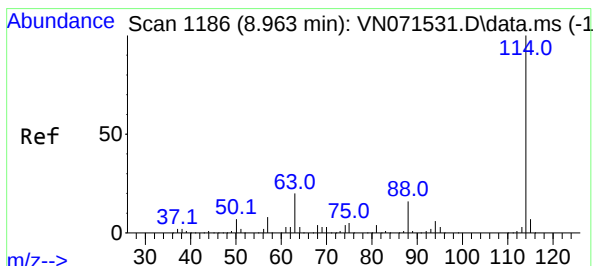
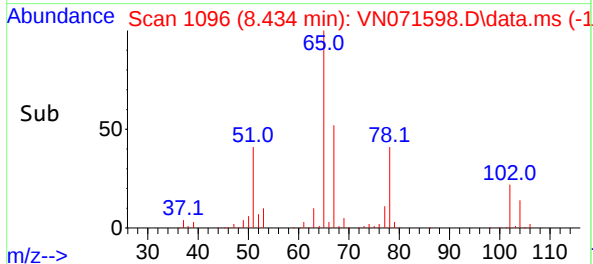
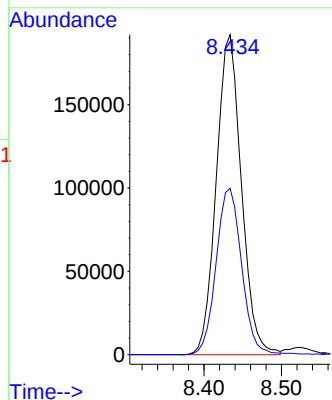
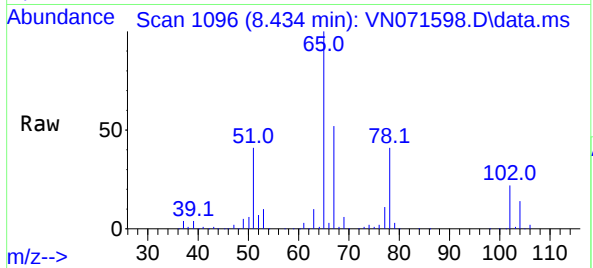
#33
1,2-Dichloroethane-d4
Concen: 50.100 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01

Tgt Ion: 65 Resp: 43243
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.8

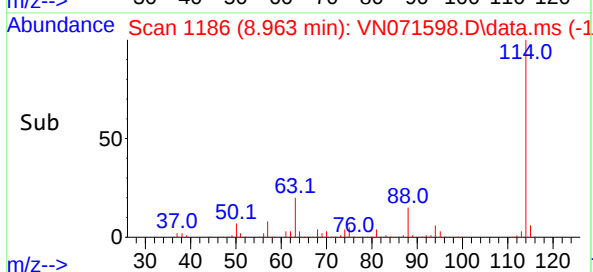
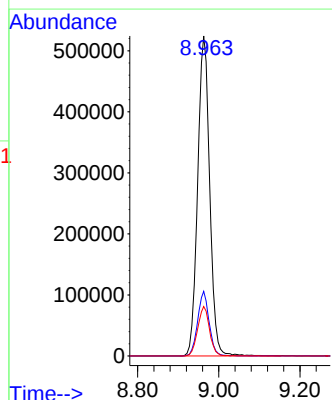
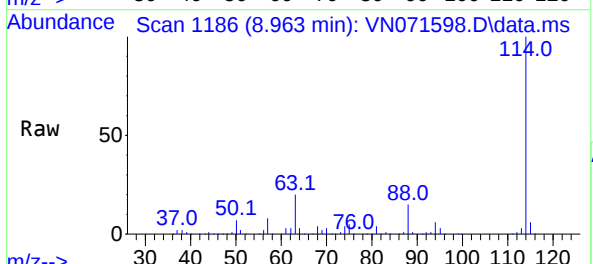
Manual Integrations
APPROVED

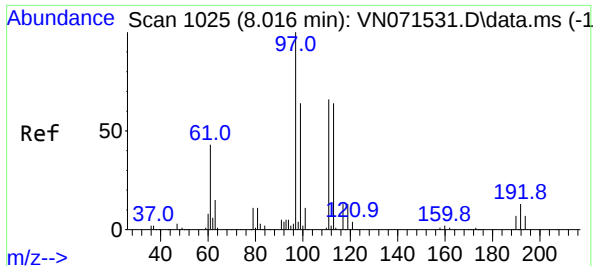
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

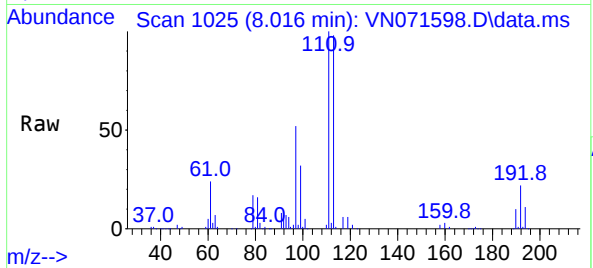
Tgt Ion:114 Resp: 1082428
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.0
88 15.4 0.0 32.6





#35
Dibromofluoromethane
Concen: 52.618 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

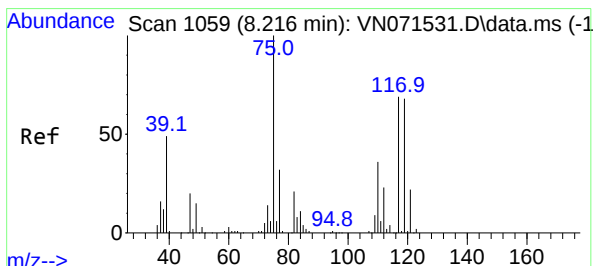
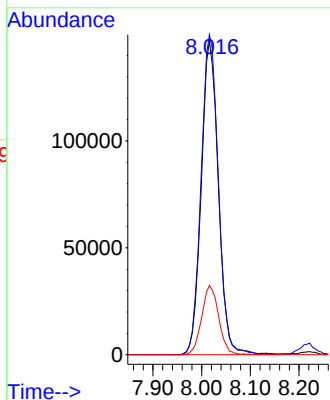
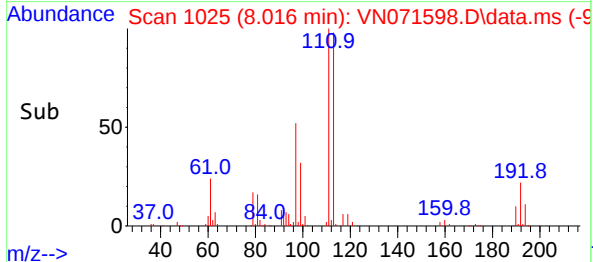
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



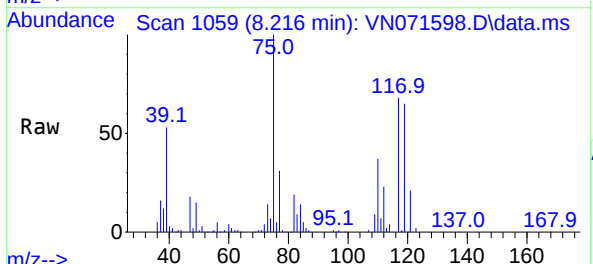
Tgt Ion: 113 Resp: 35794
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 21.9 17.0 25.6

Manual Integrations
APPROVED

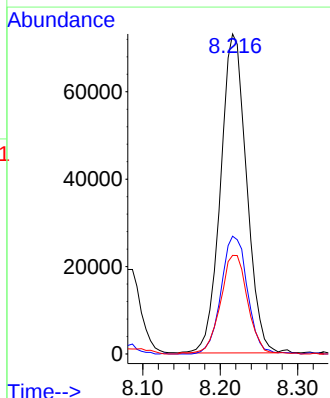
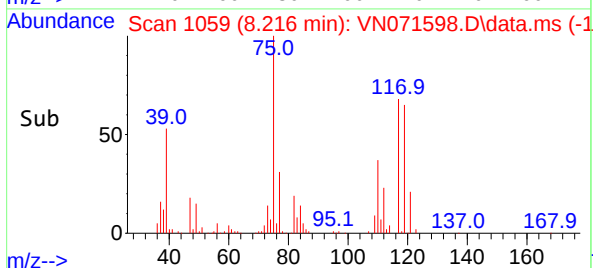
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

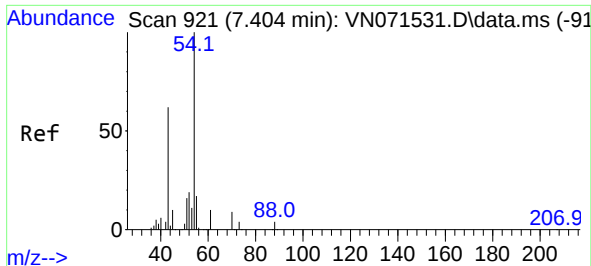


#36
1,1-Dichloropropene
Concen: 17.341 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02



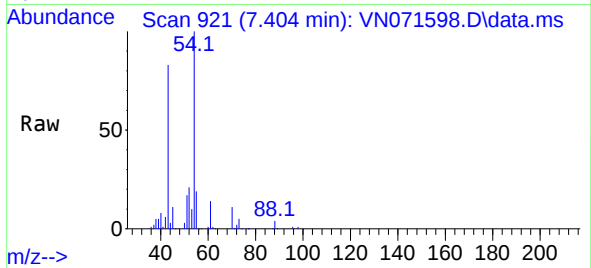
Tgt Ion: 75 Resp: 170084
Ion Ratio Lower Upper
75 100
110 37.5 18.3 54.8
77 32.5 25.1 37.7





#37
Ethyl Acetate
Concen: 18.121 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

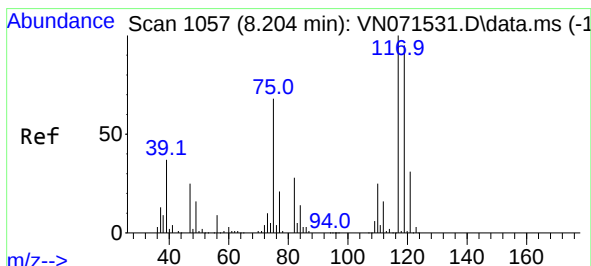
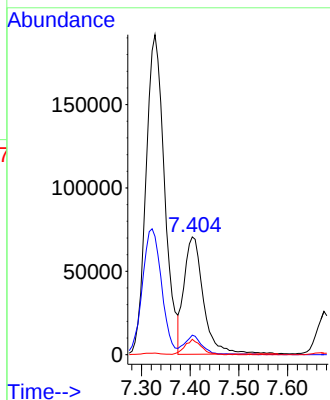
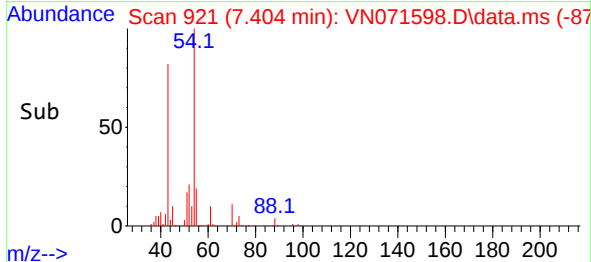
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



Tgt Ion: 43 Resp: 193734
Ion Ratio Lower Upper
43 100
61 15.1 11.8 17.6
70 11.0 9.3 13.9

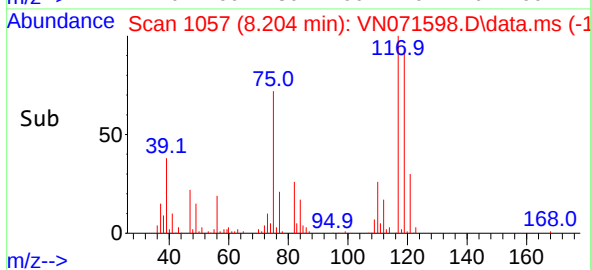
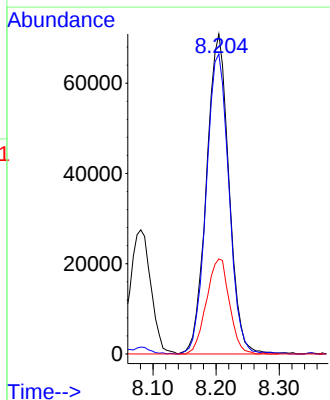
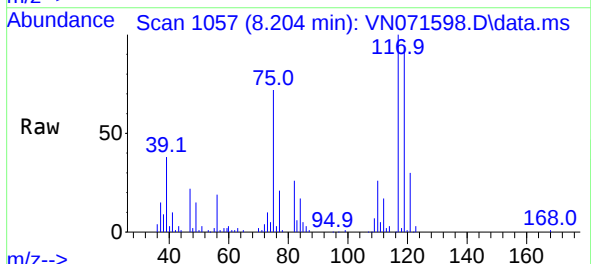
Manual Integrations
APPROVED

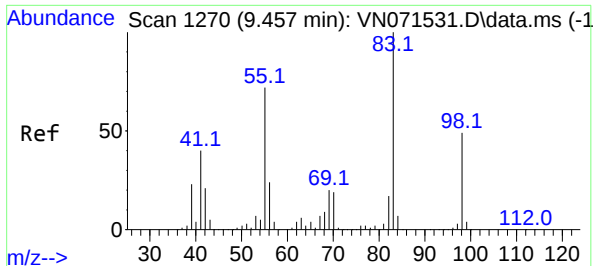
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#38
Carbon Tetrachloride
Concen: 18.324 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

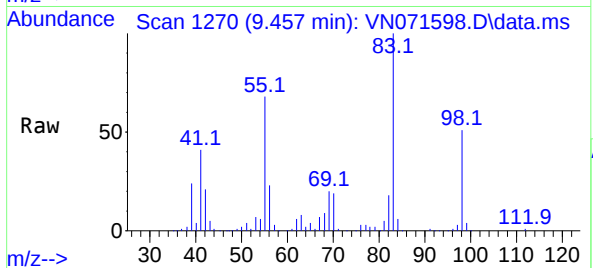
Tgt Ion:117 Resp: 175192
Ion Ratio Lower Upper
117 100
119 93.8 75.8 113.8
121 29.7 24.6 37.0





#39
Methylcyclohexane
Concen: 18.027 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

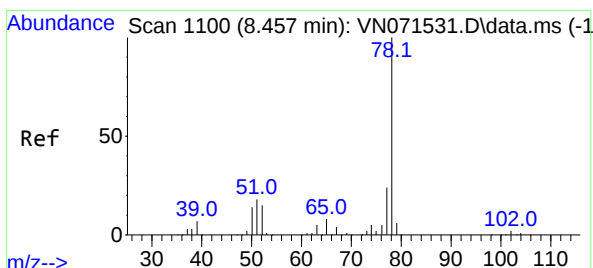
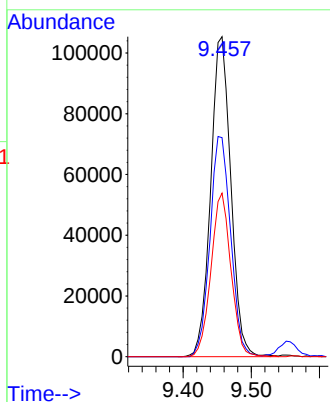
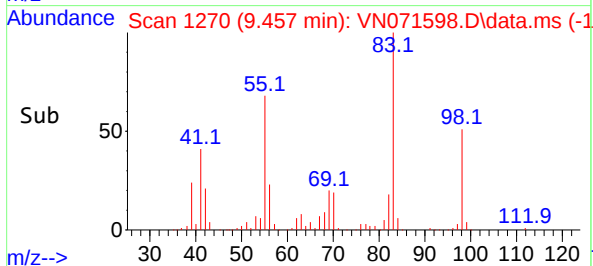
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



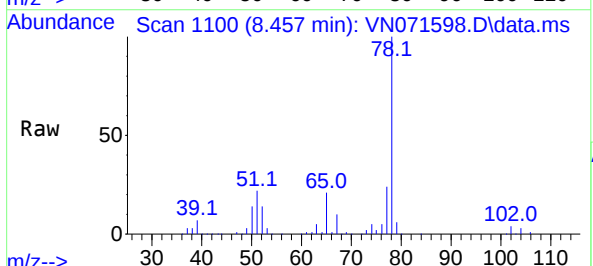
Tgt Ion: 83 Resp: 21692
Ion Ratio Lower Upper
83 100
55 68.5 57.8 86.8
98 51.1 39.4 59.2

Manual Integrations
APPROVED

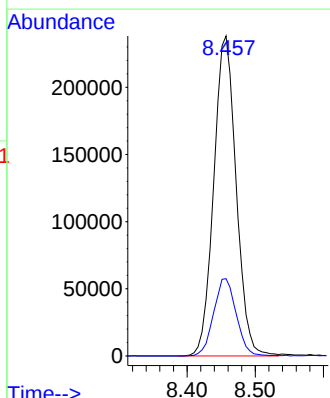
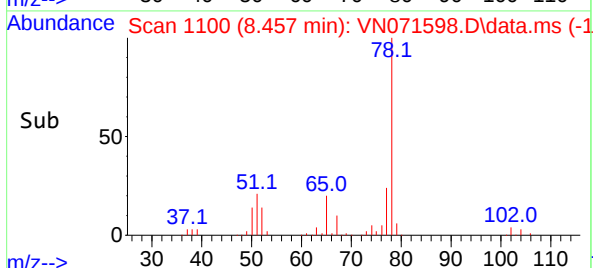
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

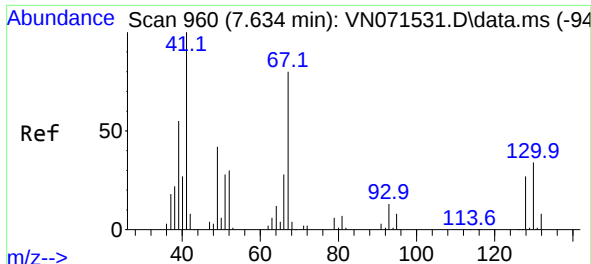


#40
Benzene
Concen: 17.843 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02



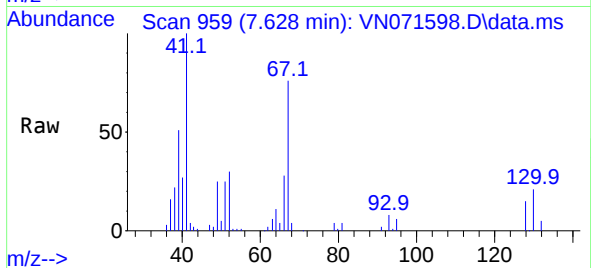
Tgt Ion: 78 Resp: 544776
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0





#41
Methacrylonitrile
Concen: 17.624 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

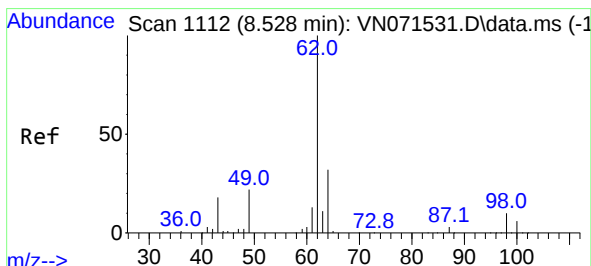
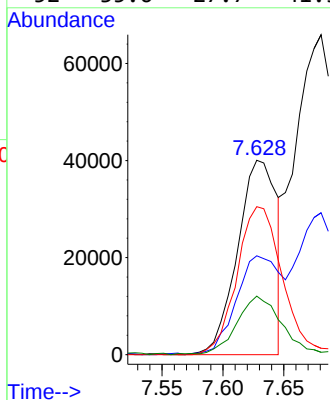
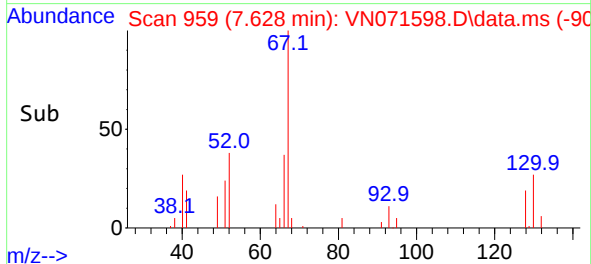
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



Tgt Ion: 41 Resp: 8945
Ion Ratio Lower Upper
41 100
39 59.0 48.6 73.0
67 89.8 73.4 110.2
52 35.6 27.7 41.5

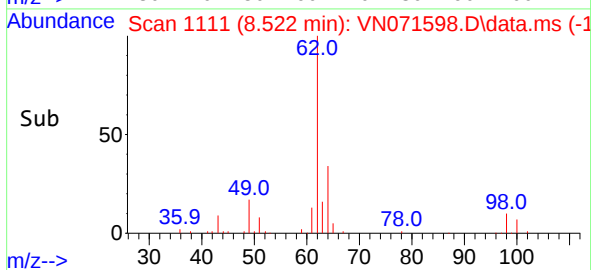
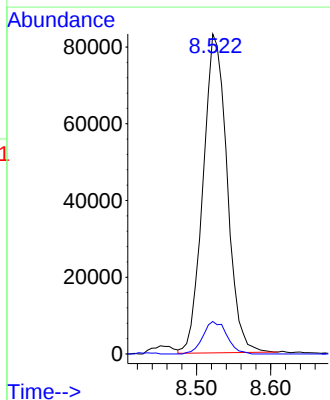
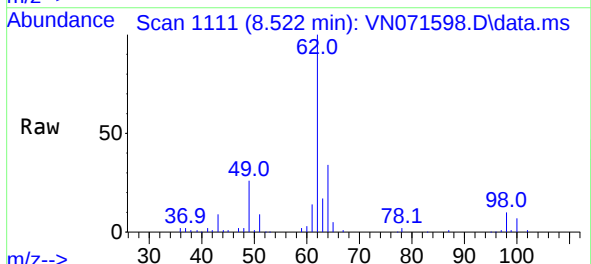
Manual Integrations
APPROVED

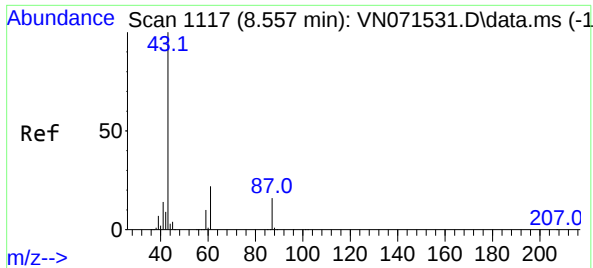
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#42
1,2-Dichloroethane
Concen: 17.580 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

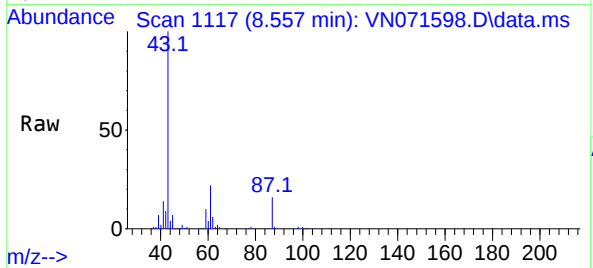
Tgt Ion: 62 Resp: 187215
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.4





#43
Isopropyl Acetate
Concen: 18.137 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

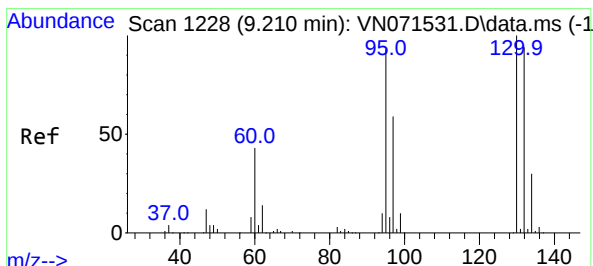
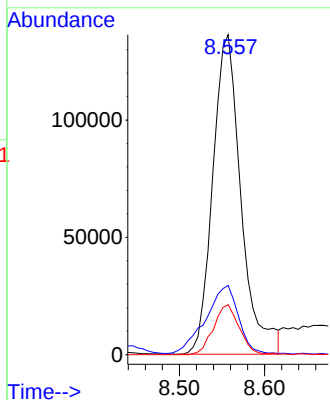
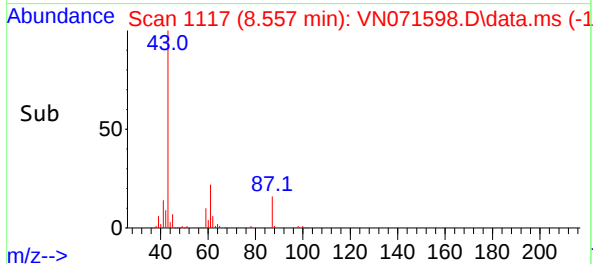
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



Tgt Ion: 43 Resp: 314408
Ion Ratio Lower Upper
43 100
61 25.2 21.9 32.9
87 14.4 12.0 18.0

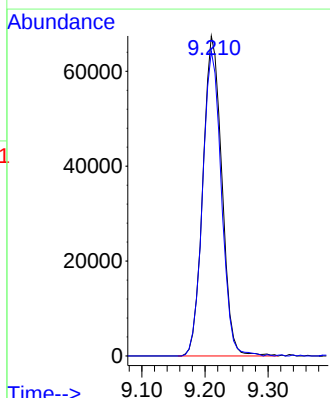
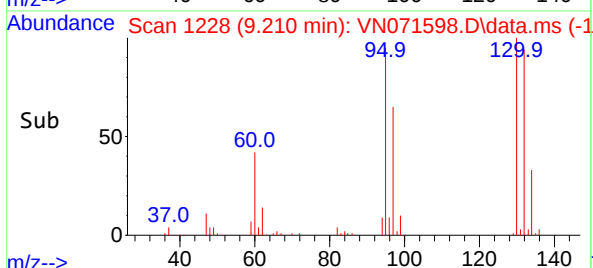
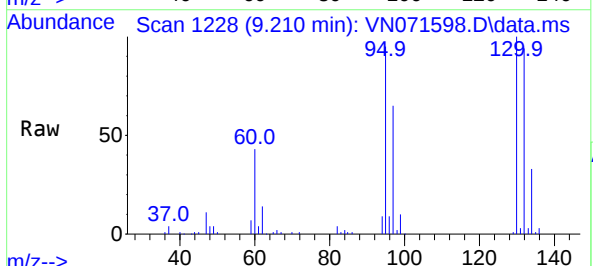
Manual Integrations
APPROVED

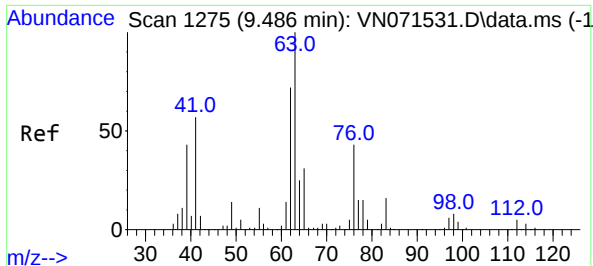
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#44
Trichloroethene
Concen: 17.731 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

Tgt Ion:130 Resp: 140520
Ion Ratio Lower Upper
130 100
95 95.2 0.0 186.8





#45

1,2-Dichloropropane

Concen: 17.870 ug/l

RT: 9.481 min Scan# 1275

Delta R.T. -0.006 min

Lab File: VN071598.D

Acq: 28 Mar 2022 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBS01

Tgt Ion: 63 Resp: 13515

Ion Ratio Lower Upper

63 100

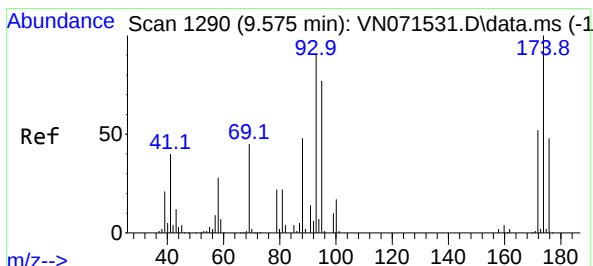
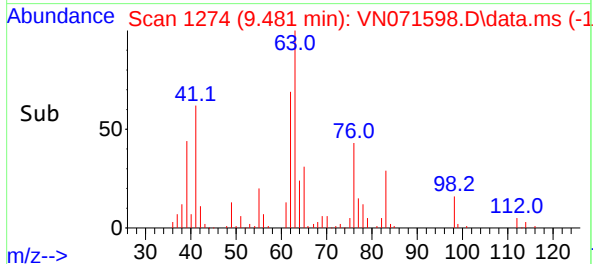
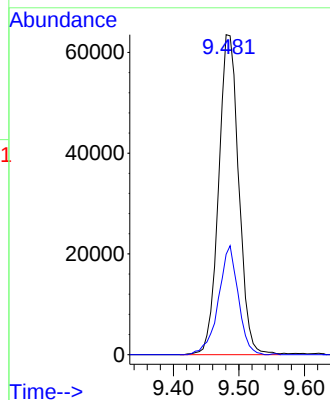
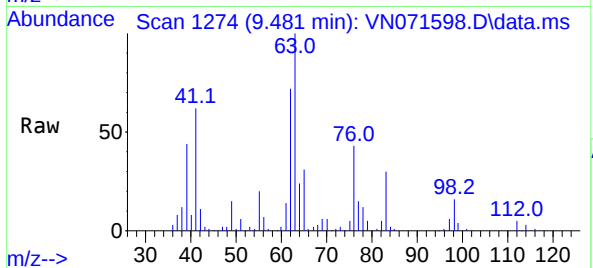
65 31.3 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#46

Dibromomethane

Concen: 17.704 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.006 min

Lab File: VN071598.D

Acq: 28 Mar 2022 12:02

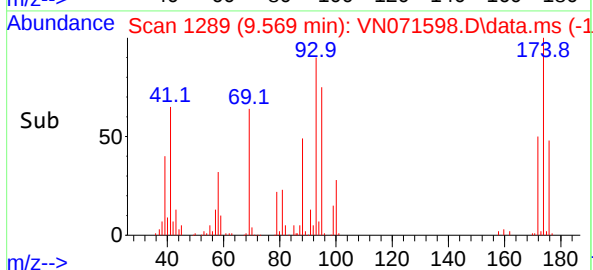
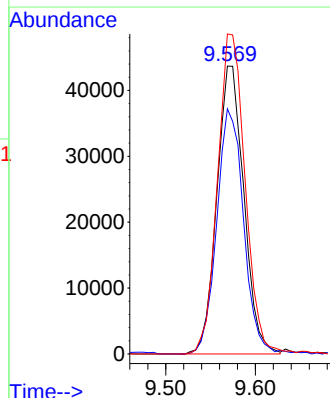
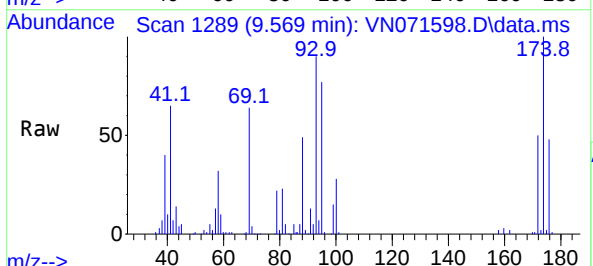
Tgt Ion: 93 Resp: 91129

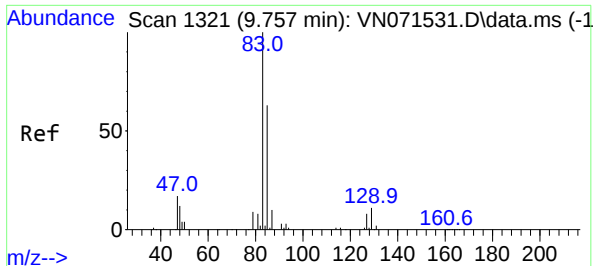
Ion Ratio Lower Upper

93 100

95 85.1 66.9 100.3

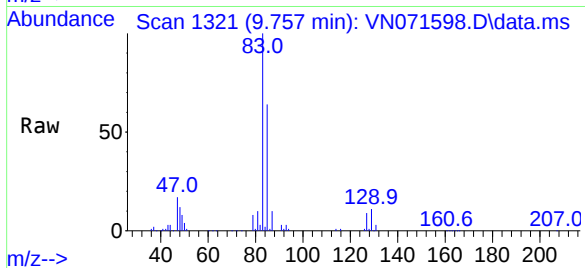
174 113.7 86.6 130.0





#47
Bromodichloromethane
Concen: 18.228 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

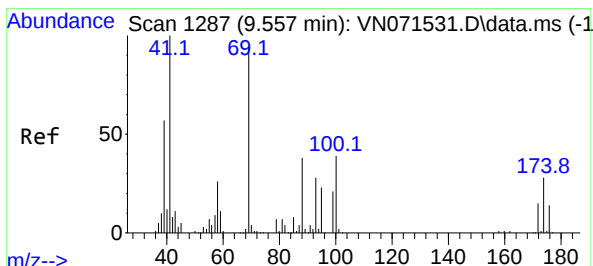
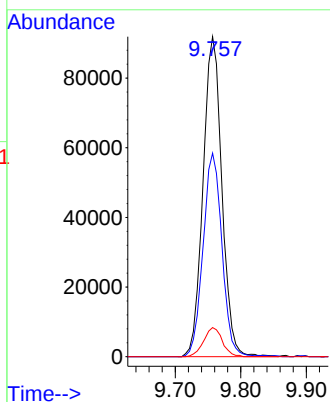
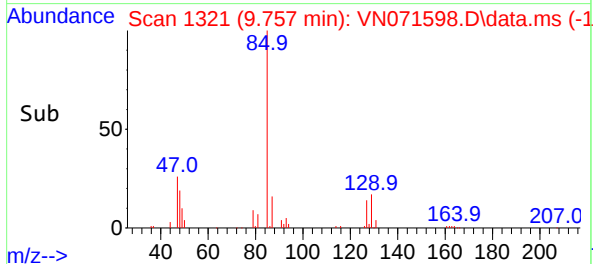
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



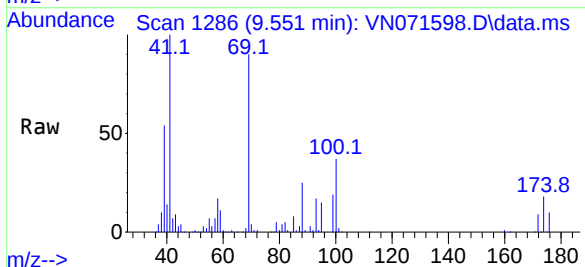
Tgt Ion: 83 Resp: 183910
Ion Ratio Lower Upper
83 100
85 63.6 50.5 75.7
127 9.1 6.8 10.2

Manual Integrations
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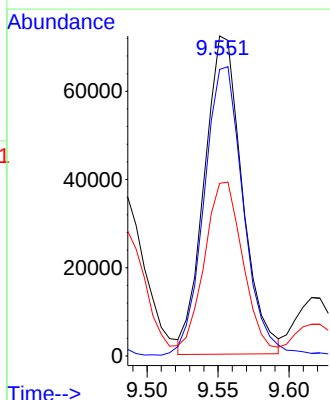
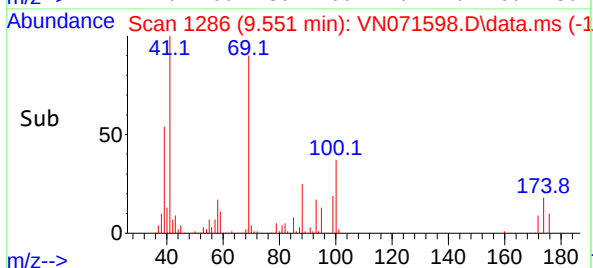
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

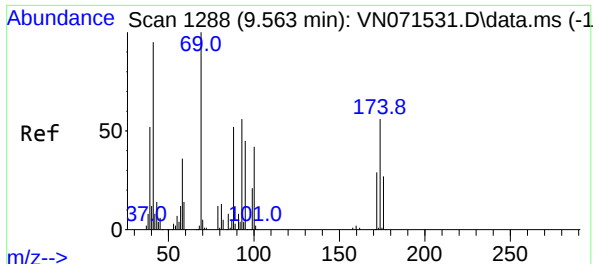


#48
Methyl methacrylate
Concen: 17.377 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02



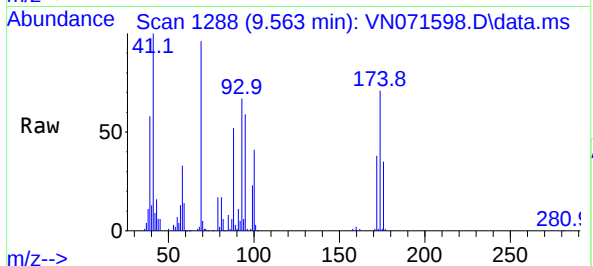
Tgt Ion: 41 Resp: 134119
Ion Ratio Lower Upper
41 100
69 93.9 74.7 112.1
39 56.6 45.6 68.4





#49
1,4-Dioxane
Concen: 316.524 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

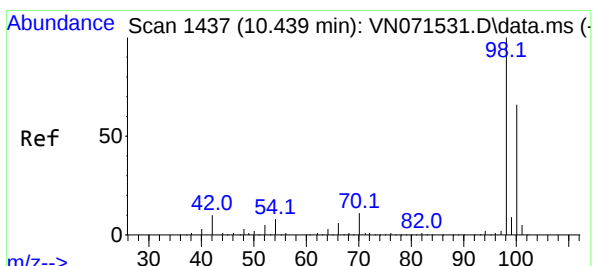
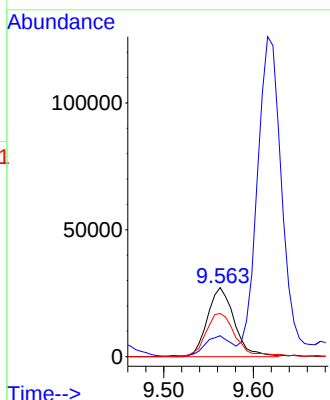
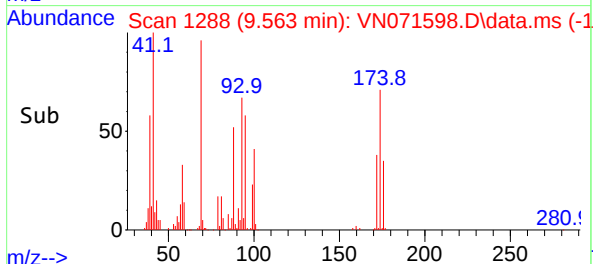
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



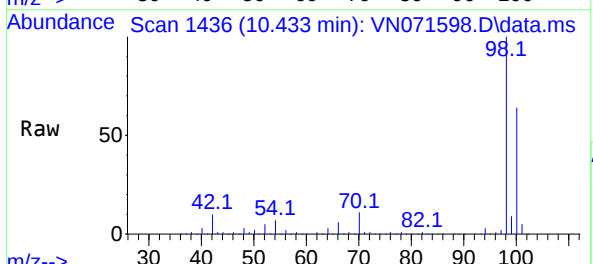
Tgt Ion: 88 Resp: 5637
Ion Ratio Lower Upper
88 100
43 28.5 20.2 30.4
58 70.2 54.2 81.4

Manual Integrations
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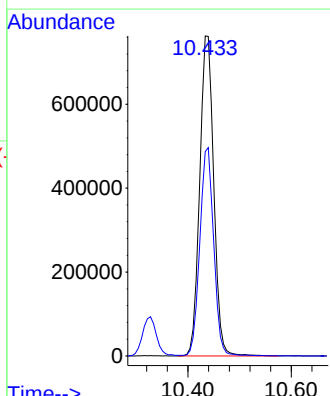
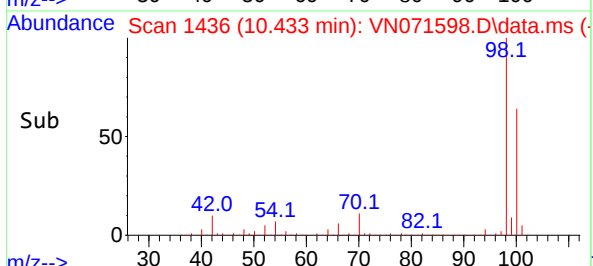
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

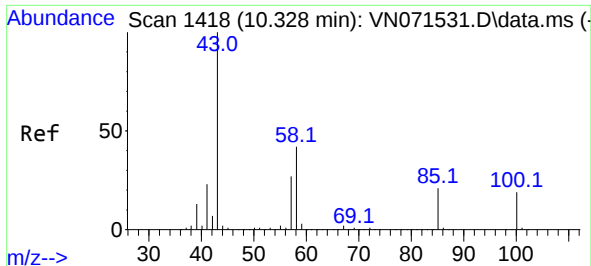


#50
Toluene-d8
Concen: 52.405 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02



Tgt Ion: 98 Resp: 1437932
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8





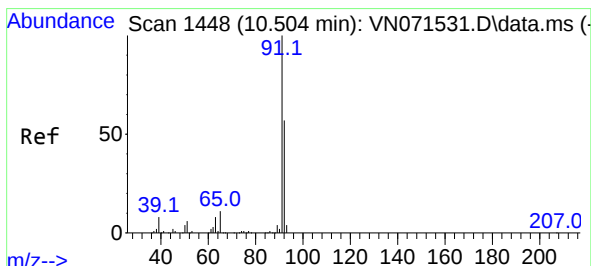
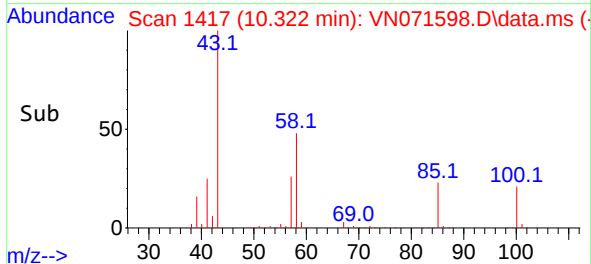
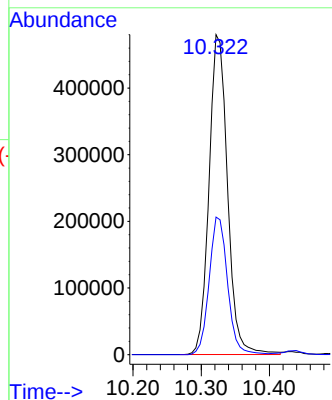
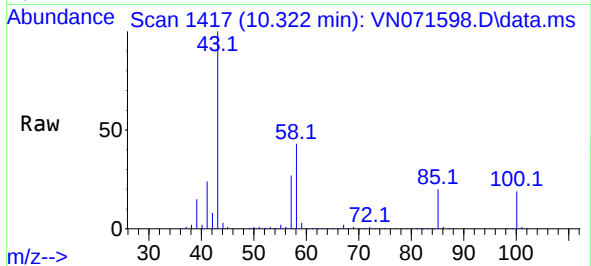
#51
4-Methyl-2-Pentanone
Concen: 84.803 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01

Tgt Ion: 43 Resp: 907679
Ion Ratio Lower Upper
43 100
58 42.8 34.1 51.1

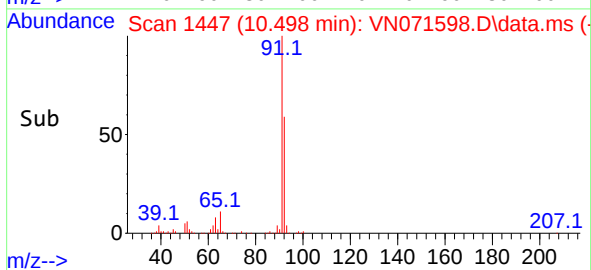
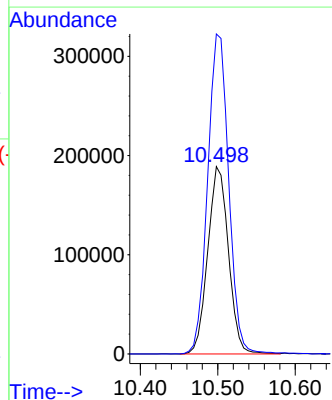
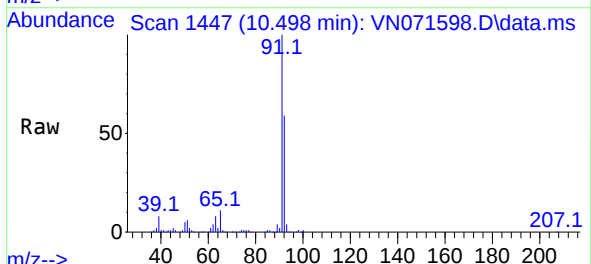
Manual Integrations
APPROVED

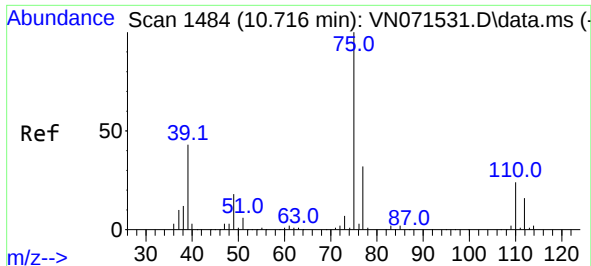
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#52
Toluene
Concen: 18.345 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

Tgt Ion: 92 Resp: 350554
Ion Ratio Lower Upper
92 100
91 173.7 138.6 207.8





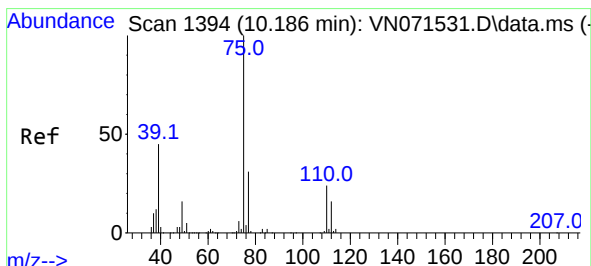
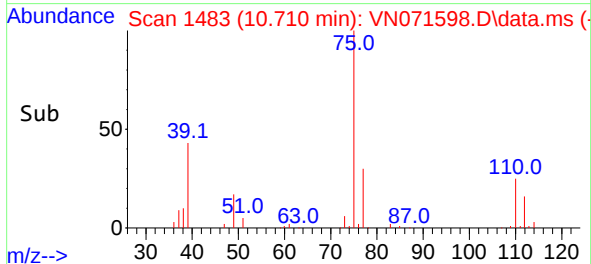
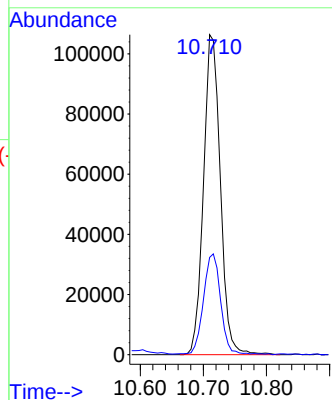
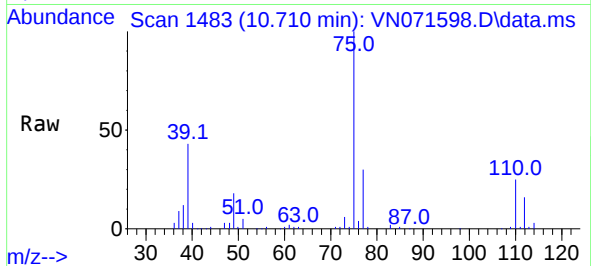
#53
 t-1,3-Dichloropropene
 Concen: 18.162 ug/l
 RT: 10.710 min Scan# 1483
 Delta R.T. -0.006 min
 Lab File: VN071598.D
 Acq: 28 Mar 2022 12:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBS01

Tgt Ion: 75 Resp: 197040
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.6 38.4

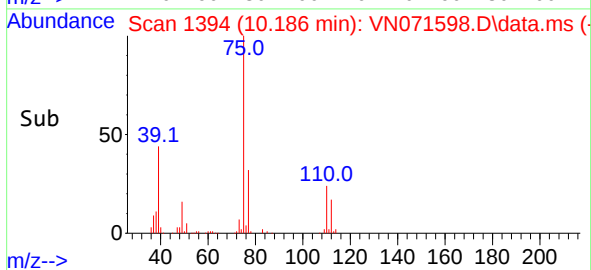
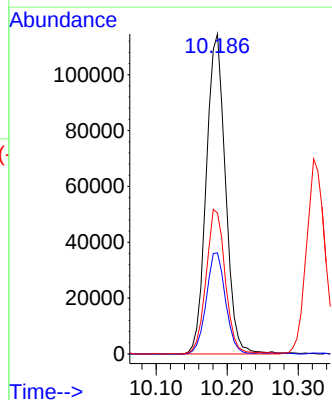
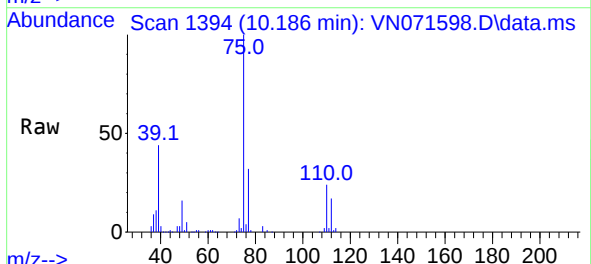
Manual Integrations
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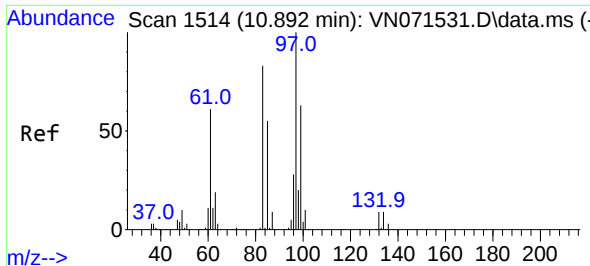
Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022



#54
 cis-1,3-Dichloropropene
 Concen: 18.003 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. -0.000 min
 Lab File: VN071598.D
 Acq: 28 Mar 2022 12:02

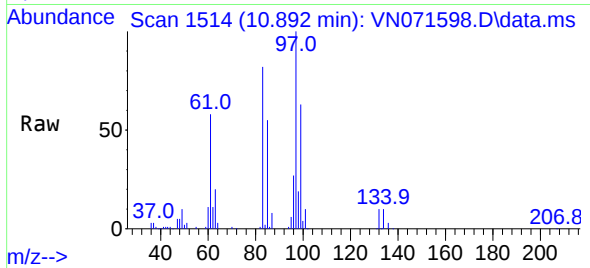
Tgt Ion: 75 Resp: 215380
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.2 37.8
 39 44.0 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 18.028 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01

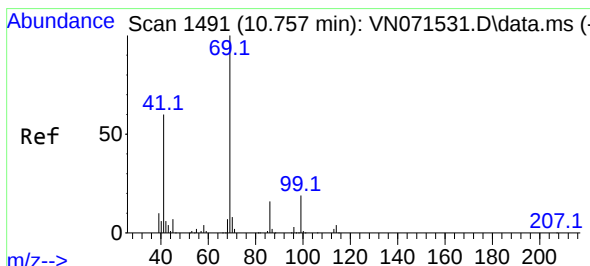
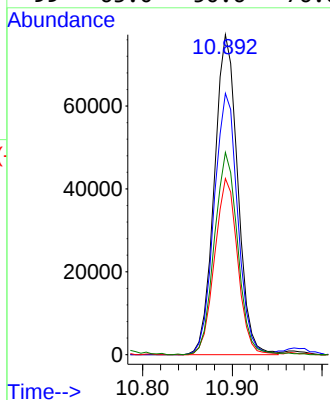
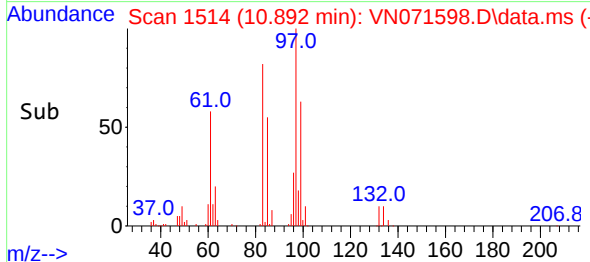


Tgt Ion: 97 Resp: 13966

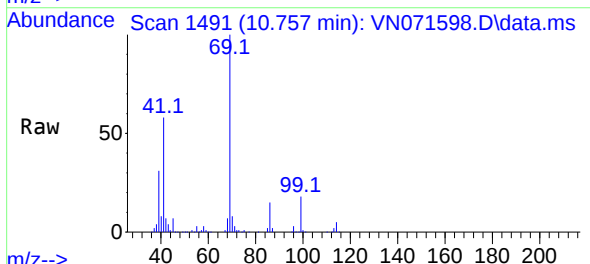
Ion	Ratio	Lower	Upper
97	100		
83	81.7	66.2	99.4
85	55.1	43.9	65.9
99	63.0	50.6	76.0

Manual Integrations
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Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

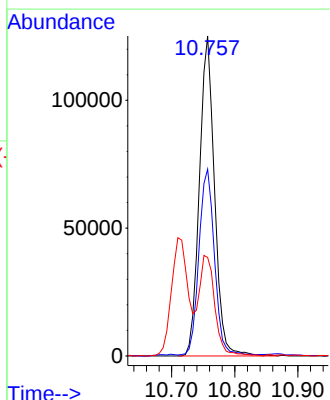
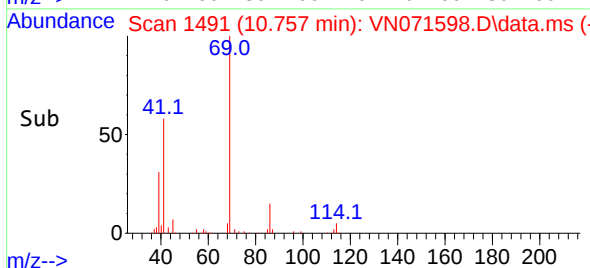


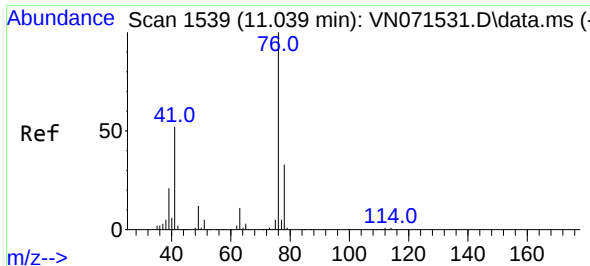
#56
Ethyl methacrylate
Concen: 17.865 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02



Tgt Ion: 69 Resp: 208630

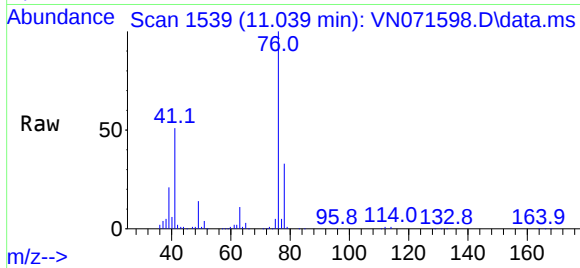
Ion	Ratio	Lower	Upper
69	100		
41	59.2	47.8	71.6
39	33.4	27.3	40.9





#57
1,3-Dichloropropane
Concen: 18.074 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

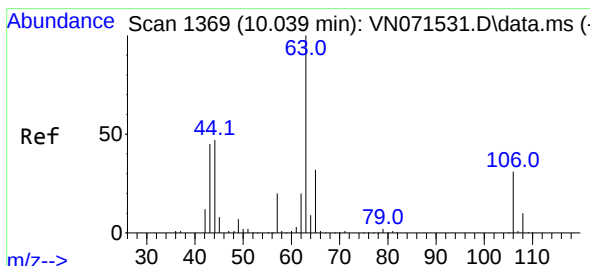
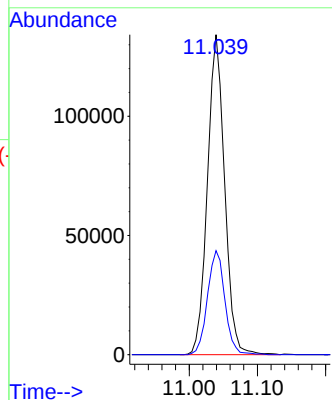
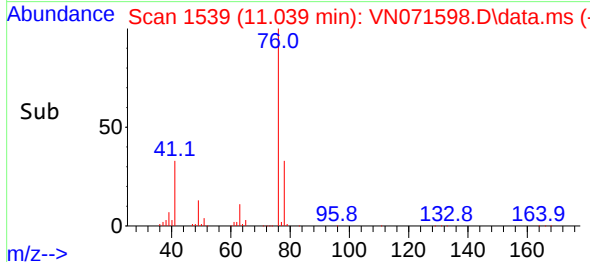
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



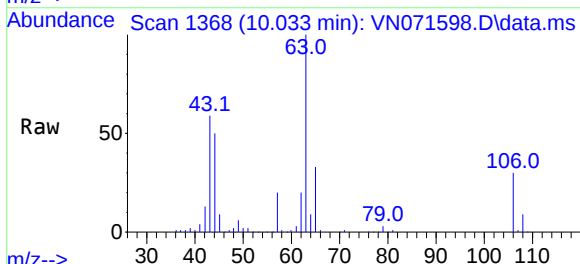
Tgt Ion: 76 Resp: 235589
Ion Ratio Lower Upper
76 100
78 32.9 26.2 39.2

Manual Integrations
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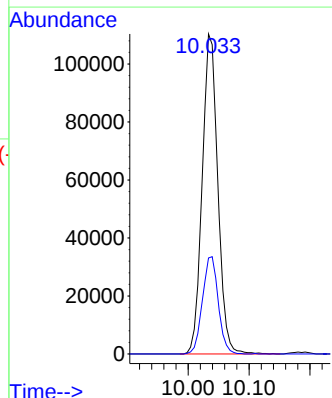
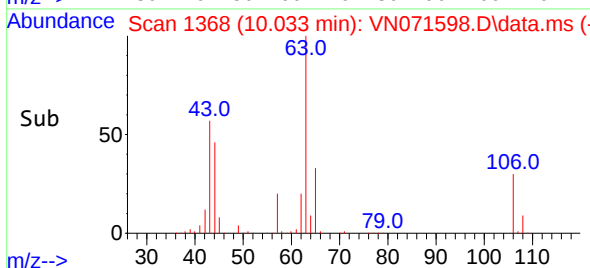
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

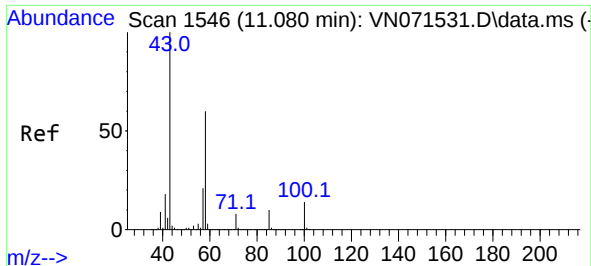


#58
2-Chloroethyl Vinyl ether
Concen: 68.072 ug/l
RT: 10.033 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02



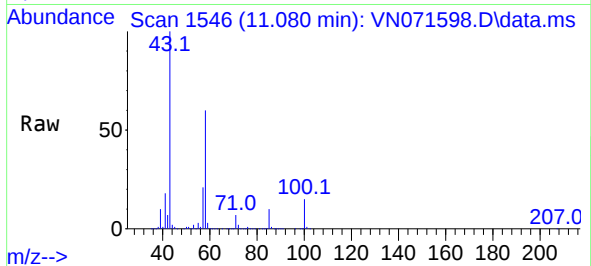
Tgt Ion: 63 Resp: 196778
Ion Ratio Lower Upper
63 100
106 30.8 24.6 36.8





#59
2-Hexanone
Concen: 88.390 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

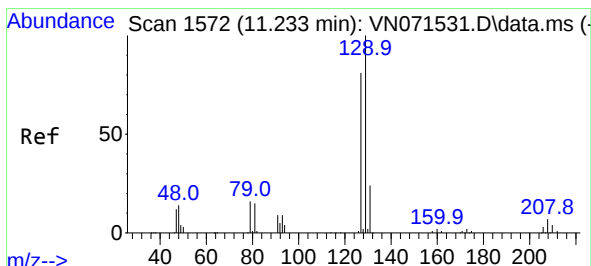
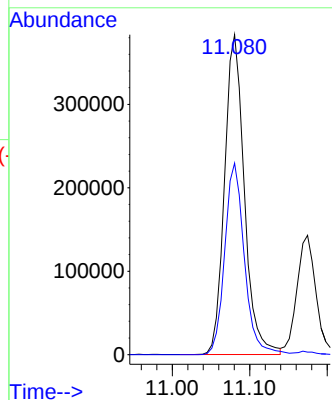
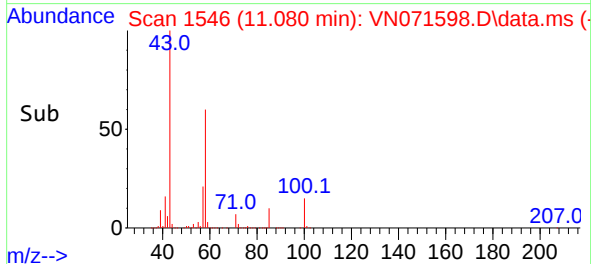
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



Tgt Ion: 43 Resp: 682023
Ion Ratio Lower Upper
43 100
58 59.4 29.7 89.1

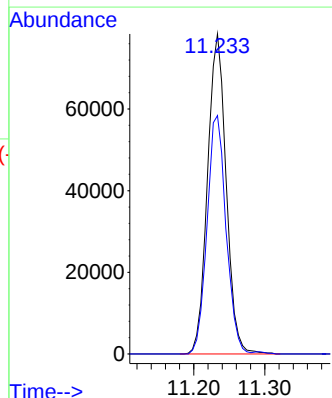
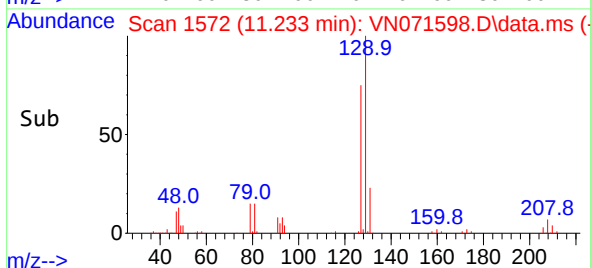
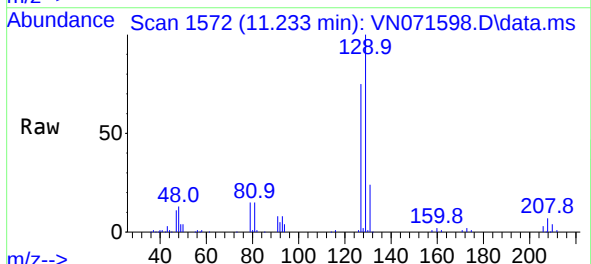
Manual Integrations
APPROVED

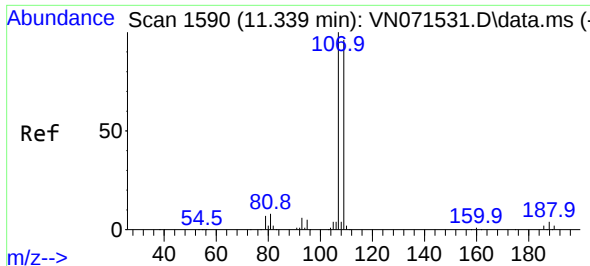
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#60
Dibromochloromethane
Concen: 18.288 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

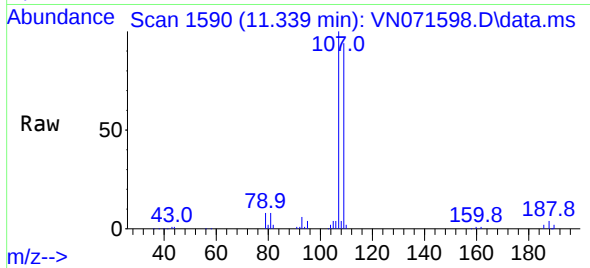
Tgt Ion:129 Resp: 142899
Ion Ratio Lower Upper
129 100
127 76.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 18.098 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

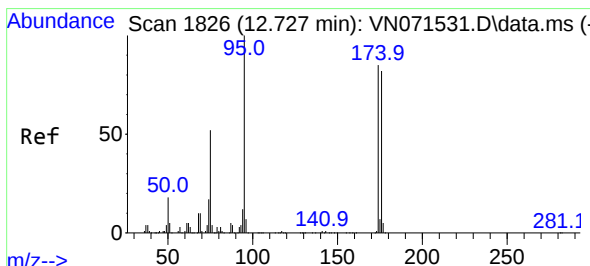
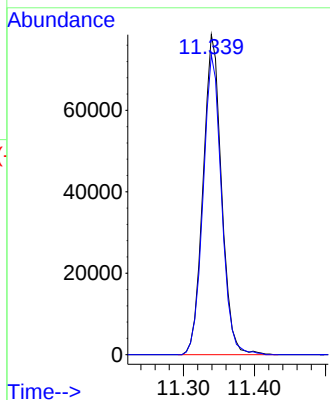
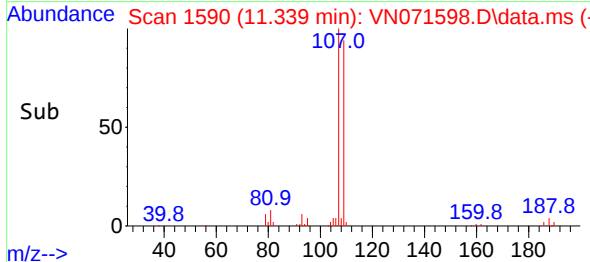
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



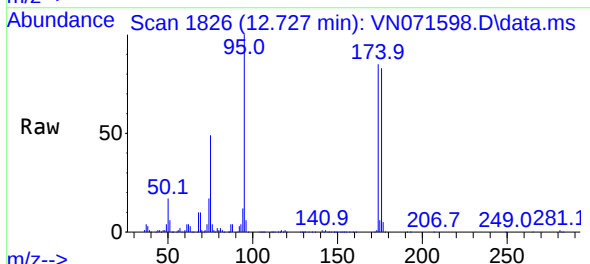
Tgt Ion:107 Resp: 141450
Ion Ratio Lower Upper
107 100
109 93.7 75.0 112.6

Manual Integrations
APPROVED

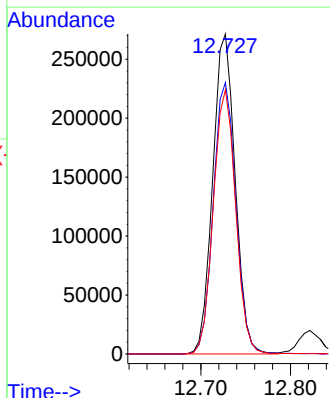
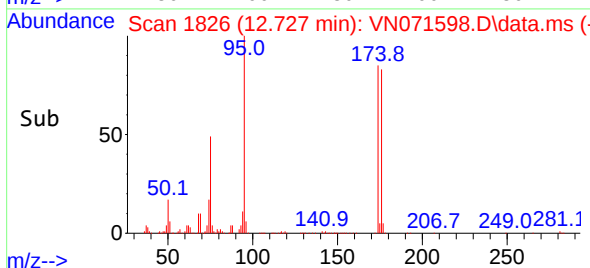
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

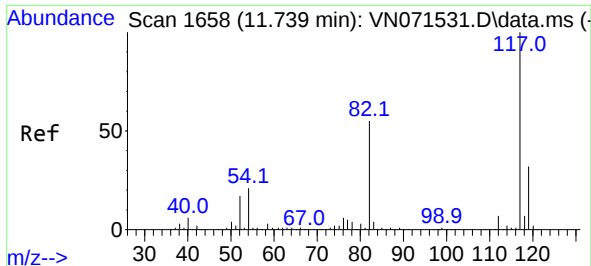


#62
4-Bromofluorobenzene
Concen: 52.435 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02



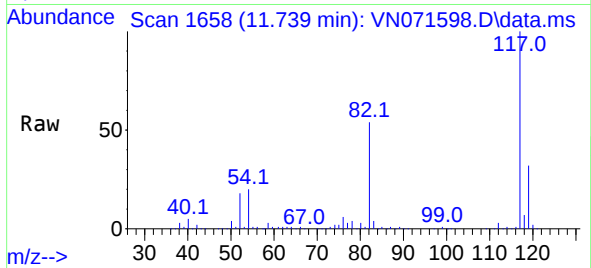
Tgt Ion: 95 Resp: 471428
Ion Ratio Lower Upper
95 100
174 85.5 0.0 167.6
176 82.4 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

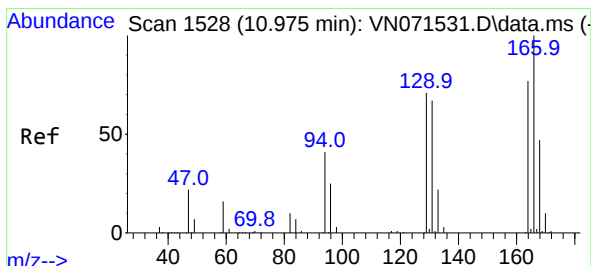
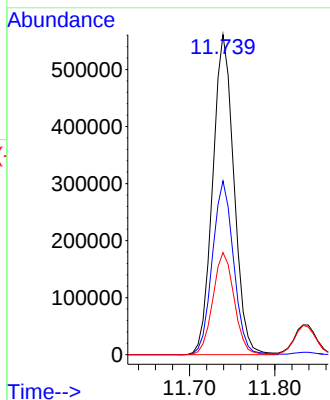
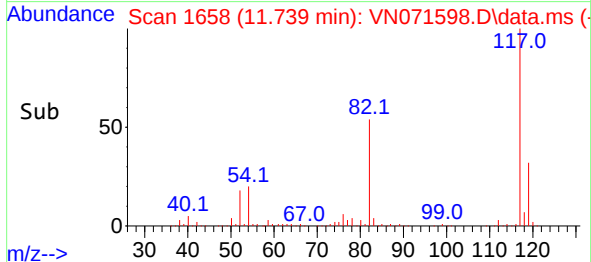
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



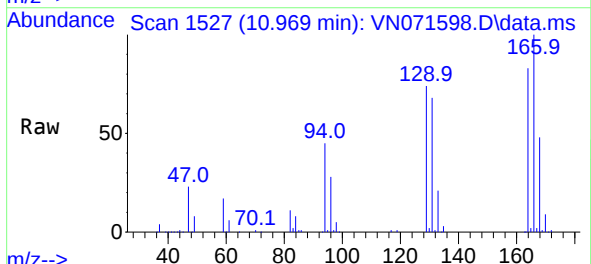
Tgt Ion:117 Resp: 971799
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 31.9 25.4 38.0

Manual Integrations
APPROVED

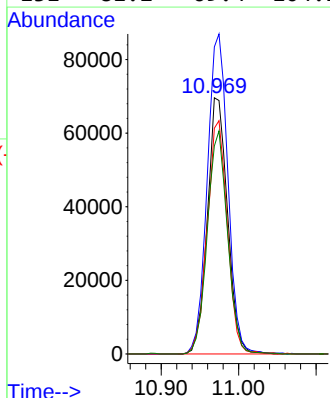
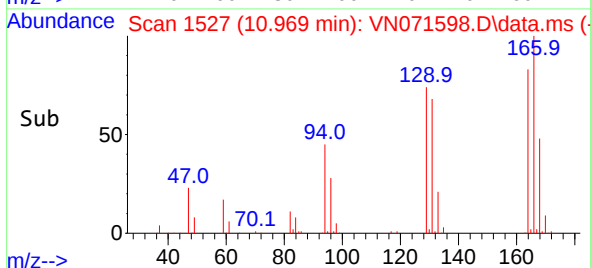
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

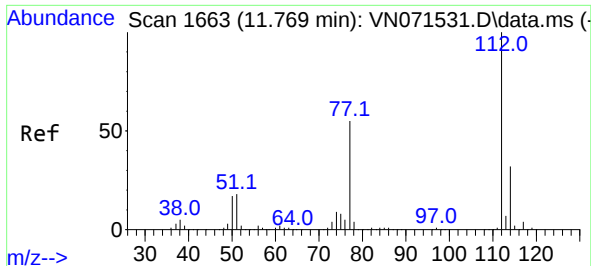


#64
Tetrachloroethene
Concen: 18.833 ug/l
RT: 10.969 min Scan# 1527
Delta R.T. -0.006 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02



Tgt Ion:164 Resp: 126504
Ion Ratio Lower Upper
164 100
166 119.9 104.2 156.2
129 88.1 73.9 110.9
131 81.2 69.4 104.2





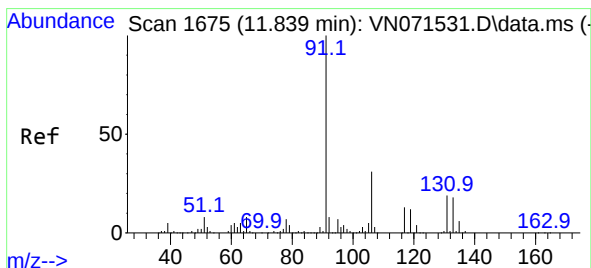
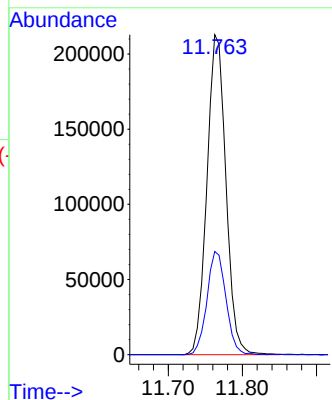
#65
Chlorobenzene
Concen: 18.370 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01

Tgt Ion:112 Resp: 37874
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2

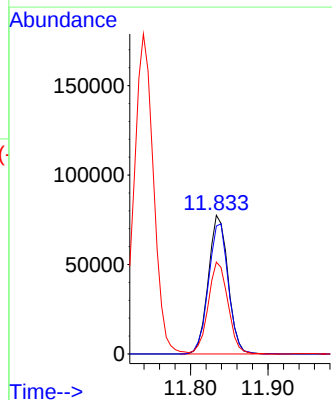
Manual Integrations
APPROVED

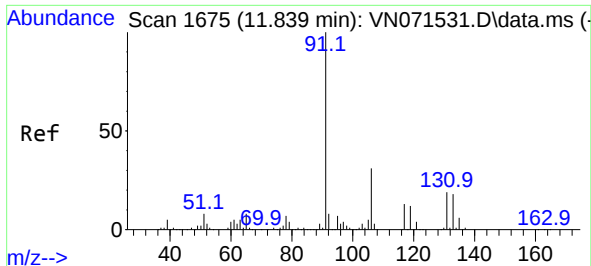
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 18.733 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

Tgt Ion:131 Resp: 136636
Ion Ratio Lower Upper
131 100
133 95.1 47.8 143.4
119 66.7 33.4 100.2





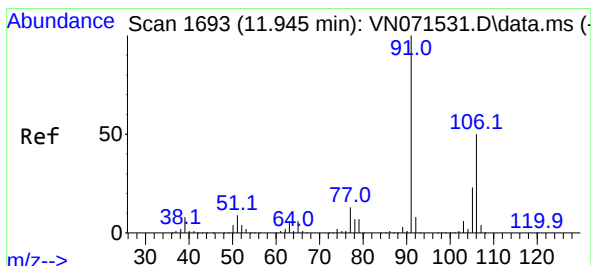
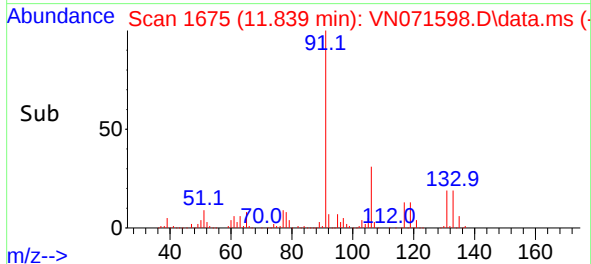
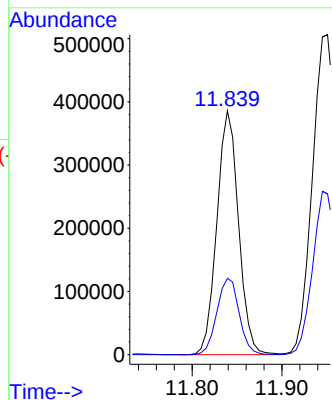
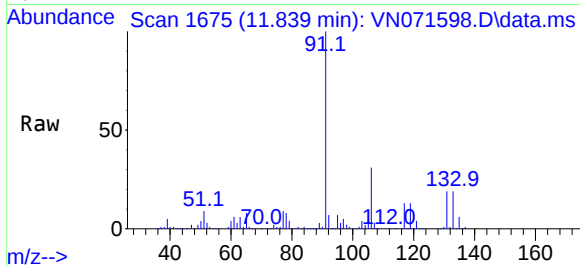
#67
Ethyl Benzene
Concen: 18.263 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01

Tgt Ion: 91 Resp: 646444
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3

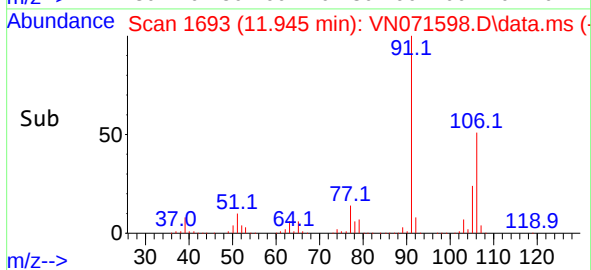
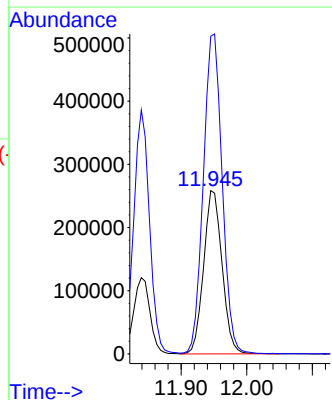
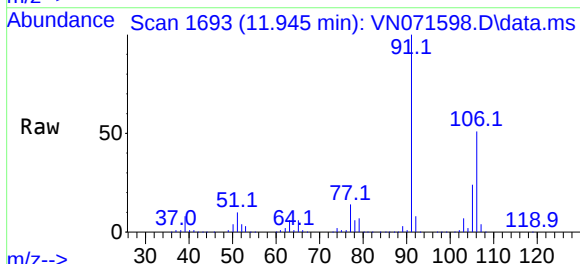
Manual Integrations
APPROVED

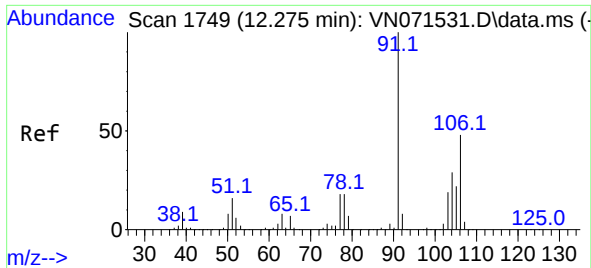
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#68
m/p-Xylenes
Concen: 37.295 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

Tgt Ion:106 Resp: 505126
Ion Ratio Lower Upper
106 100
91 199.8 158.9 238.3





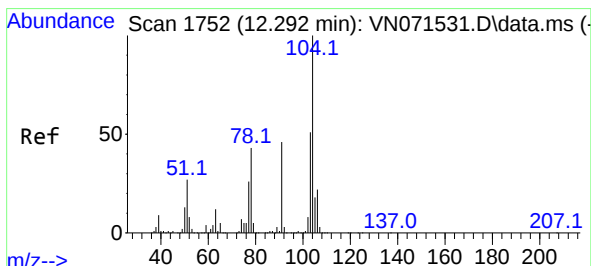
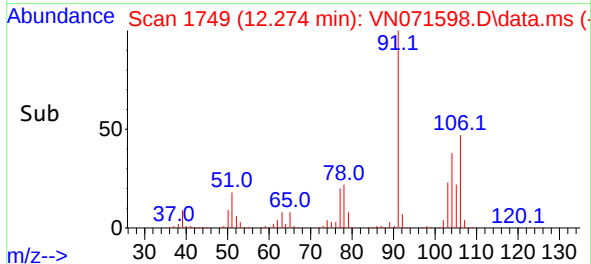
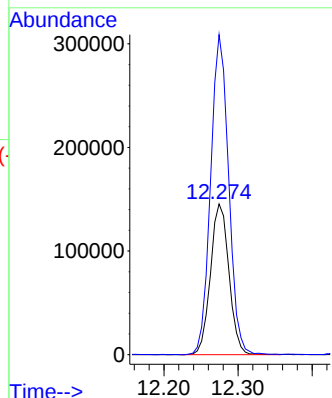
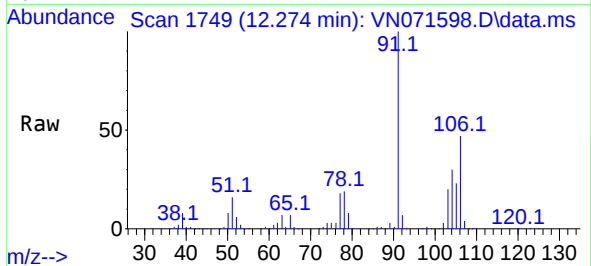
#69
o-Xylene
Concen: 18.722 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01

Tgt Ion:106 Resp: 251908
Ion Ratio Lower Upper
106 100
91 207.3 106.0 318.0

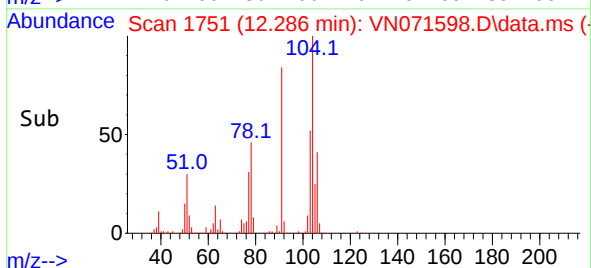
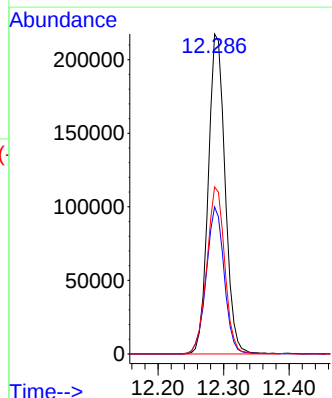
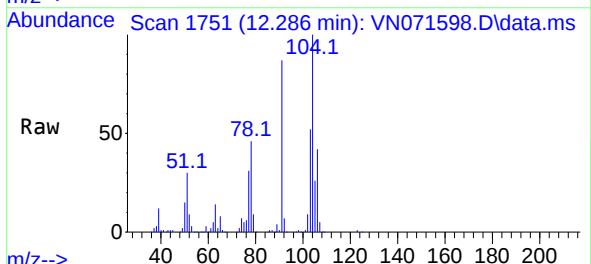
Manual Integrations
APPROVED

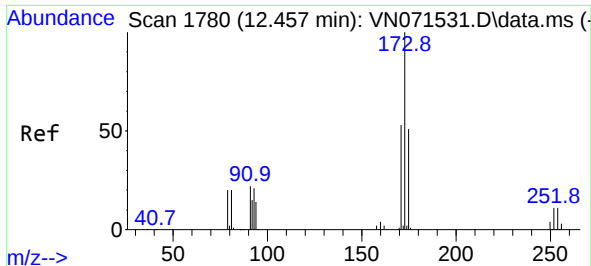
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#70
Styrene
Concen: 18.538 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

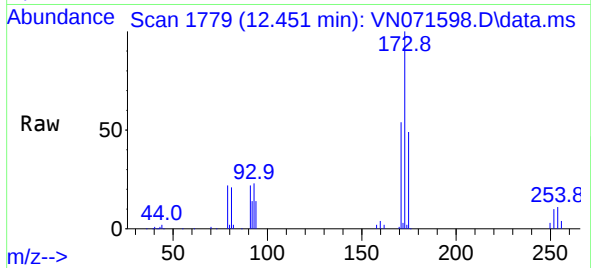
Tgt Ion:104 Resp: 388905
Ion Ratio Lower Upper
104 100
78 48.9 39.5 59.3
103 55.8 44.0 66.0





#71
Bromoform
Concen: 18.774 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

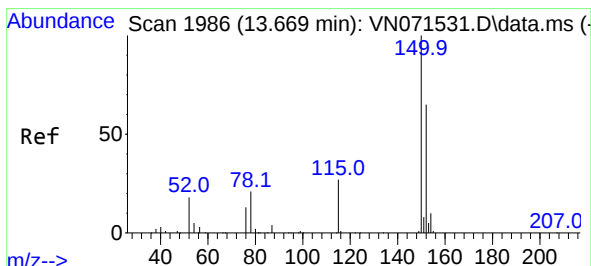
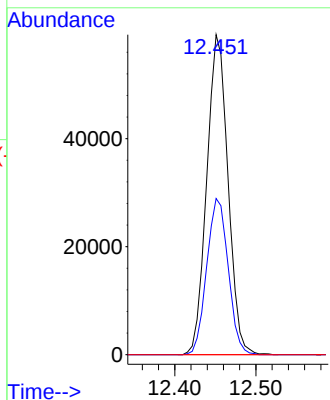
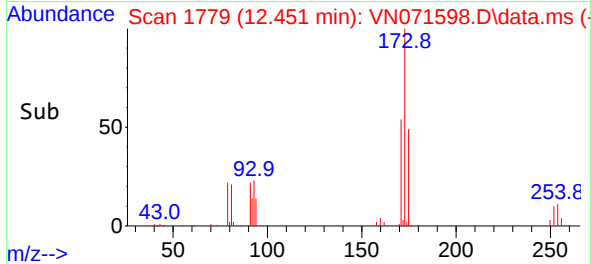
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



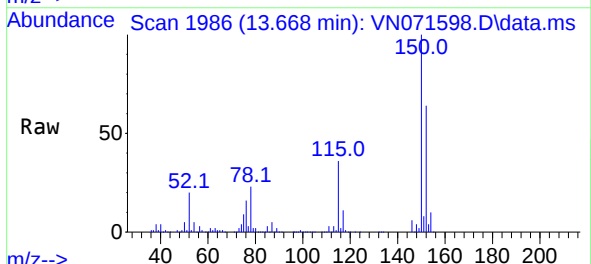
Tgt Ion:173 Resp: 107702
Ion Ratio Lower Upper
173 100
175 49.3 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

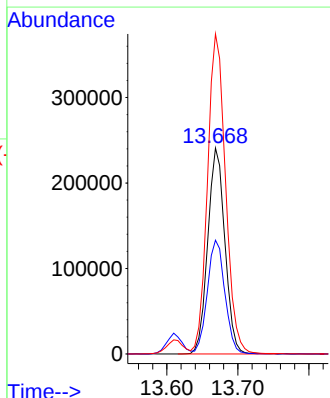
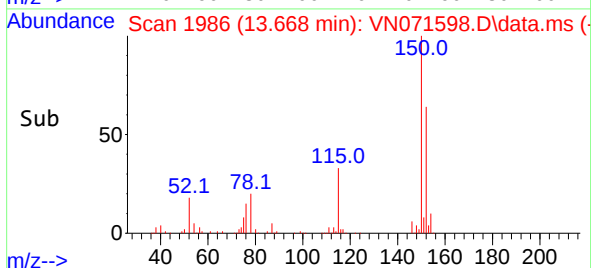
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

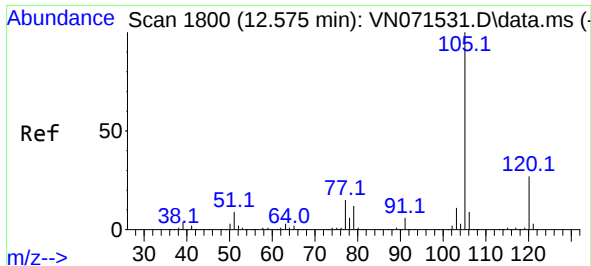


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02



Tgt Ion:152 Resp: 404158
Ion Ratio Lower Upper
152 100
115 56.7 28.9 86.7
150 163.5 0.0 356.2





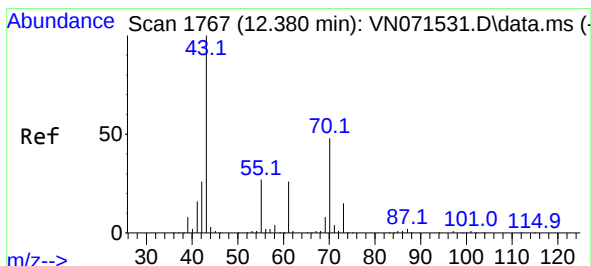
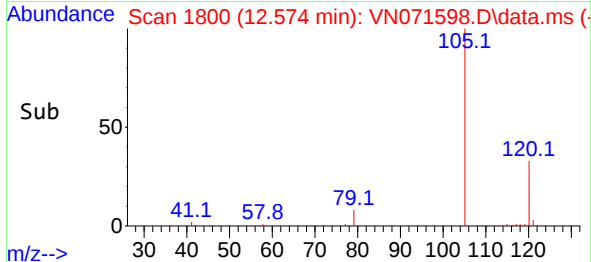
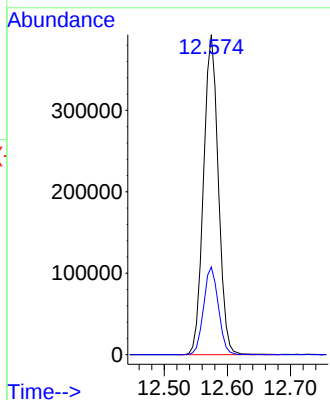
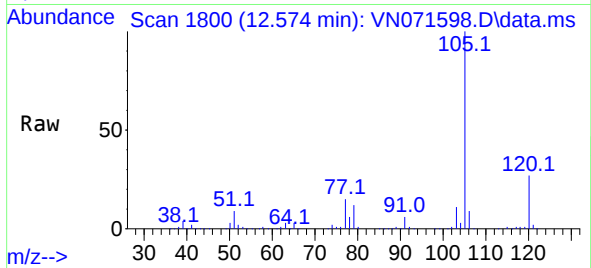
#73
Isopropylbenzene
Concen: 17.969 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01

Tgt Ion:105 Resp: 64026
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.4

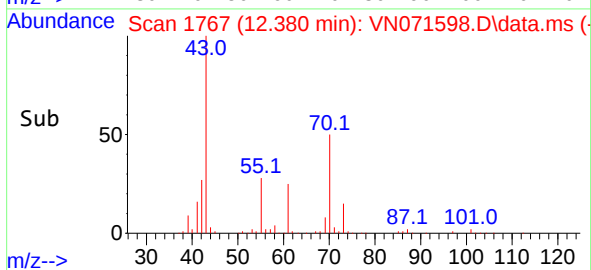
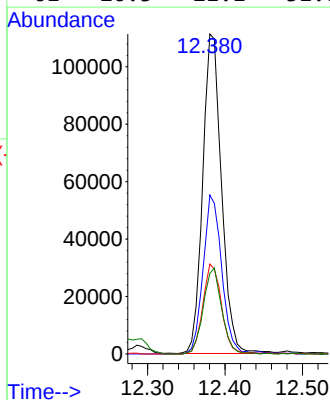
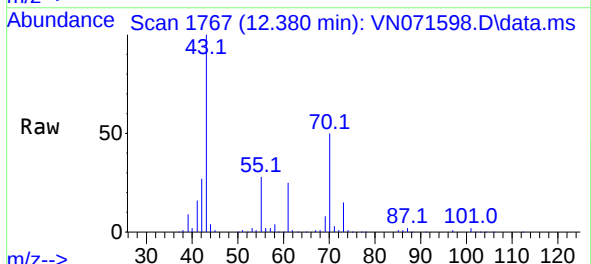
Manual Integrations
APPROVED

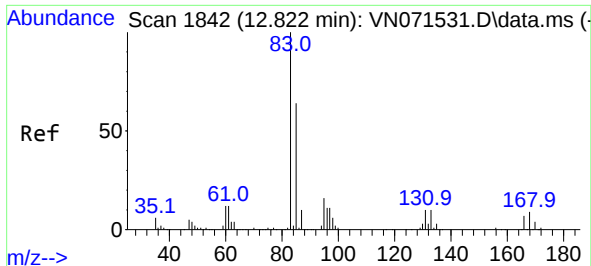
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#74
N-ethyl acetate
Concen: 16.409 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

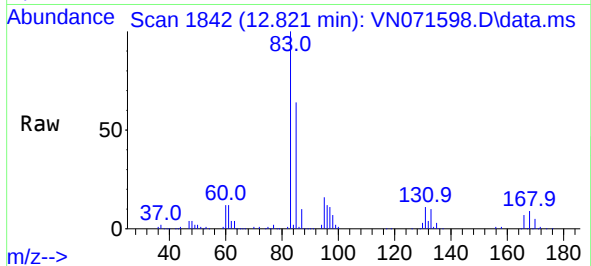
Tgt Ion: 43 Resp: 187932
Ion Ratio Lower Upper
43 100
70 49.0 39.0 58.4
55 27.8 21.1 31.7
61 26.3 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 17.497 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

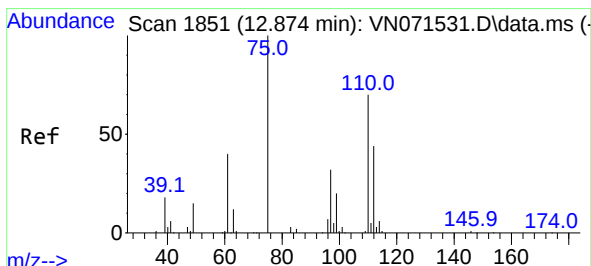
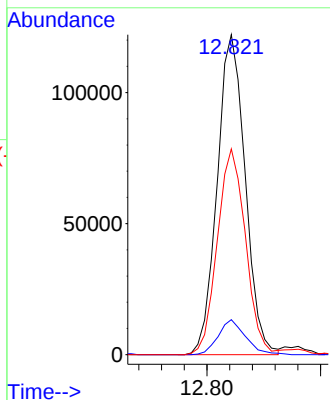
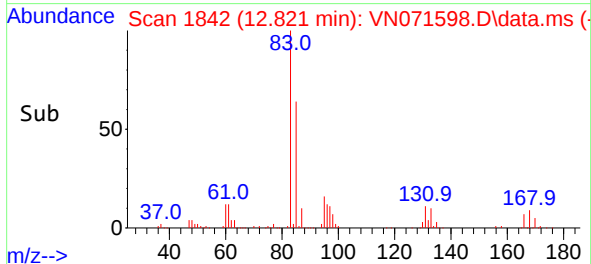
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



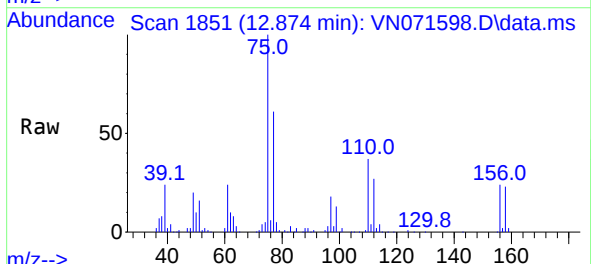
Tgt Ion: 83 Resp: 20929
Ion Ratio Lower Upper
83 100
131 10.7 5.3 15.9
85 64.7 32.3 96.9

Manual Integrations
APPROVED

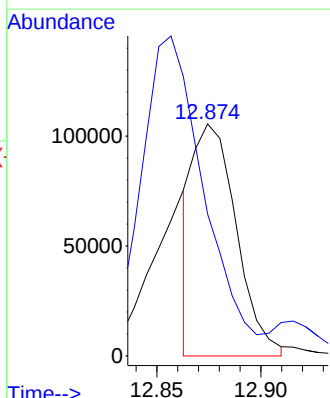
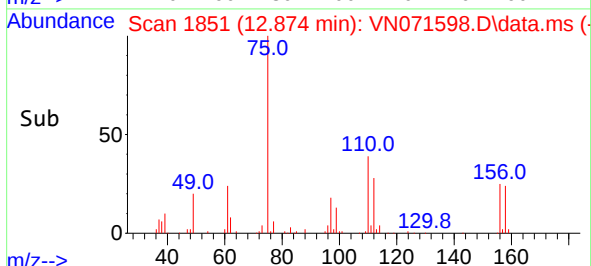
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

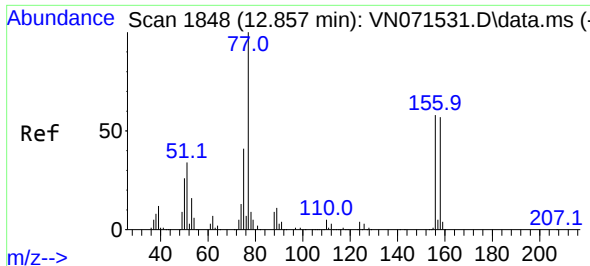


#76
1,2,3-Trichloropropane
Concen: 17.000 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02



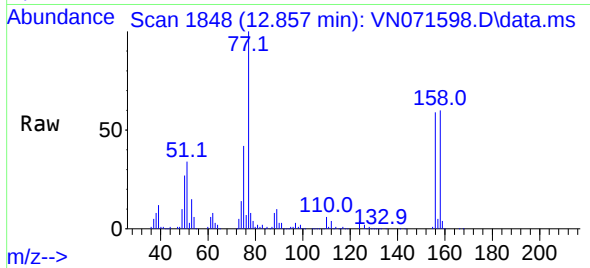
Tgt Ion: 75 Resp: 153206
Ion Ratio Lower Upper
75 100
77 199.7 98.5 295.5





#77
Bromobenzene
Concen: 17.437 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

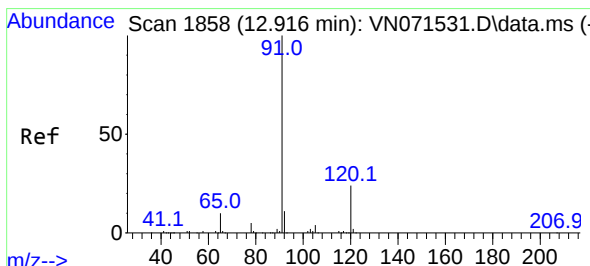
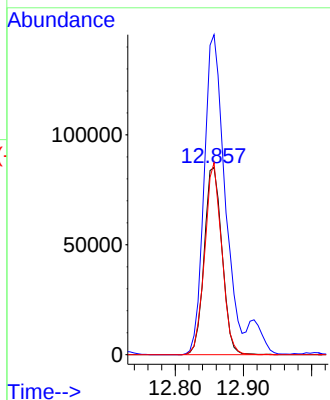
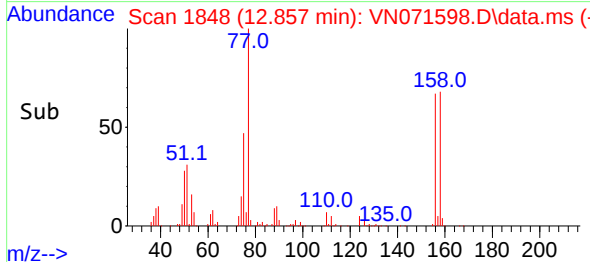
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



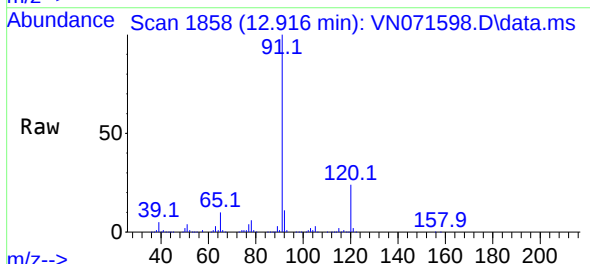
Tgt Ion:156 Resp: 154838
Ion Ratio Lower Upper
156 100
77 197.6 100.5 301.5
158 97.9 48.9 146.6

Manual Integrations
APPROVED

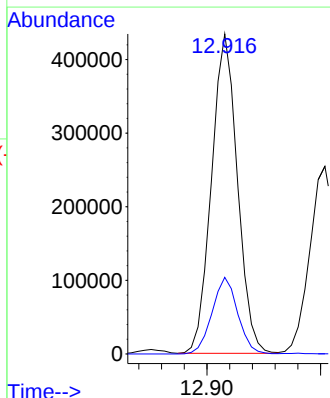
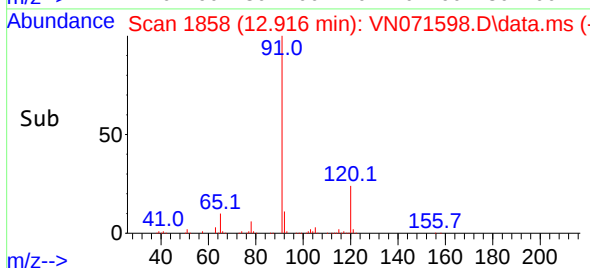
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

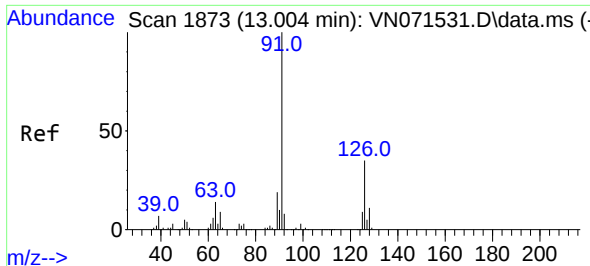


#78
n-propylbenzene
Concen: 18.142 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02



Tgt Ion: 91 Resp: 687744
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





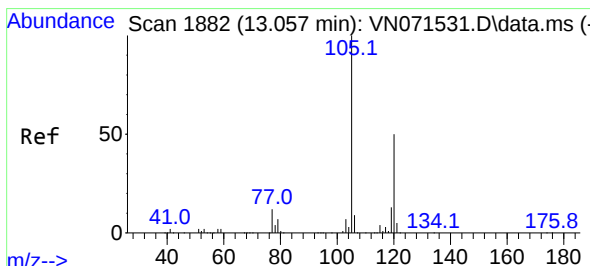
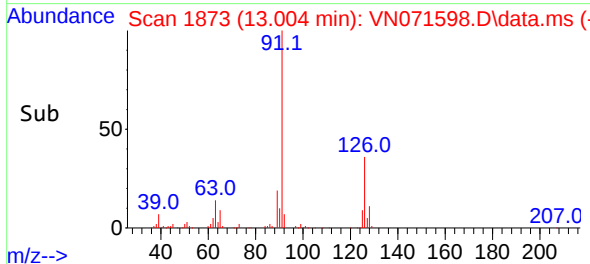
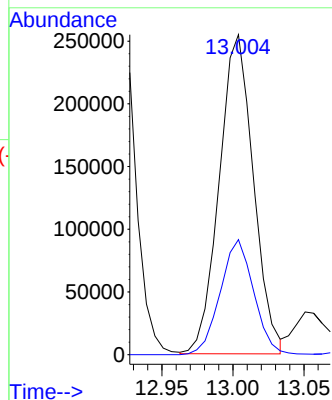
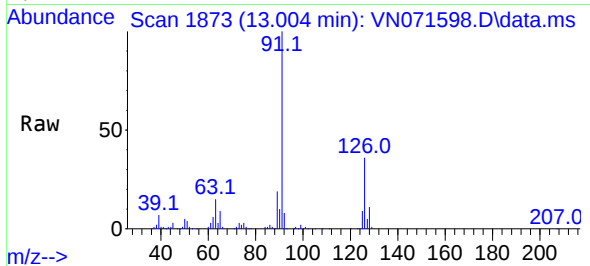
#79
2-Chlorotoluene
Concen: 17.431 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01

Tgt Ion: 91 Resp: 426410
Ion Ratio Lower Upper
91 100
126 35.4 17.3 51.9

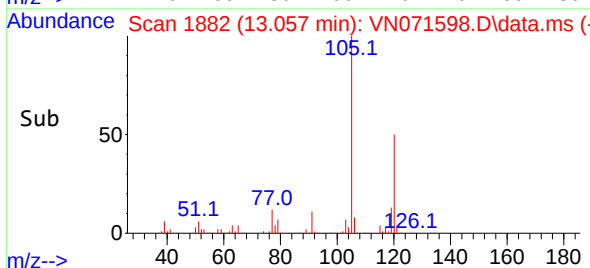
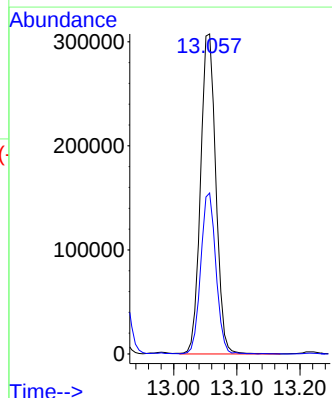
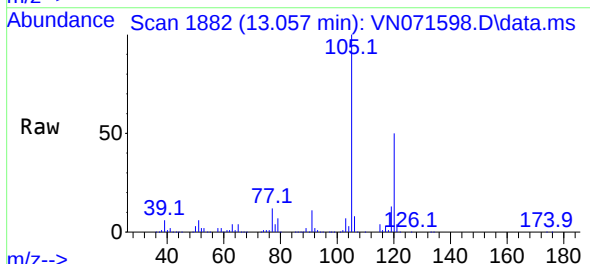
Manual Integrations
APPROVED

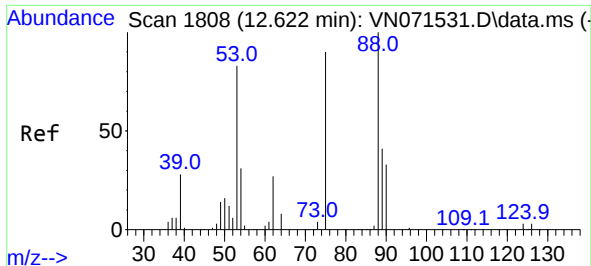
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#80
1,3,5-Trimethylbenzene
Concen: 18.345 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

Tgt Ion:105 Resp: 515989
Ion Ratio Lower Upper
105 100
120 49.9 24.9 74.7





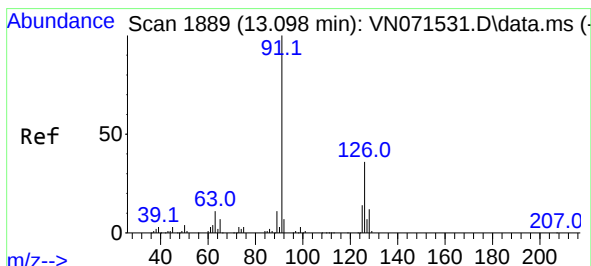
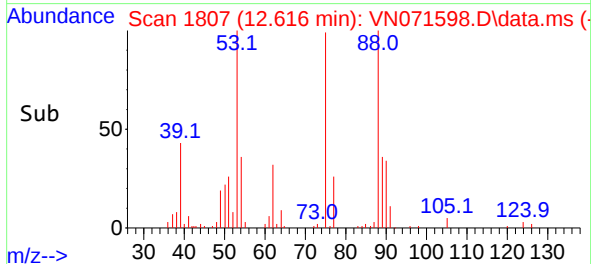
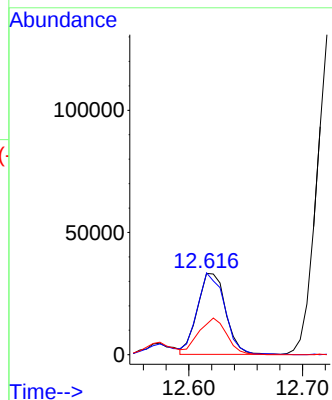
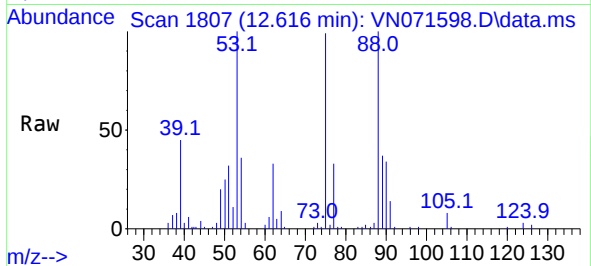
#81
trans-1,4-Dichloro-2-butene
Concen: 17.003 ug/l
RT: 12.616 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01

Tgt Ion: 75 Resp: 57238
Ion Ratio Lower Upper
75 100
53 98.7 78.0 117.0
89 45.2 37.2 55.8

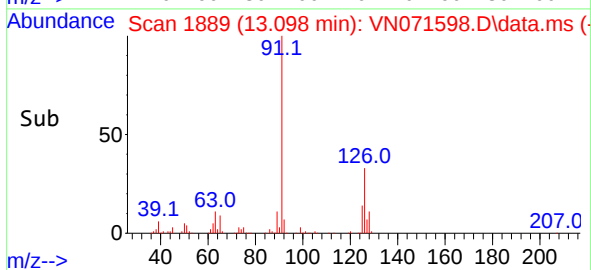
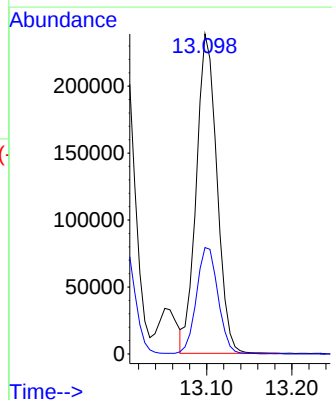
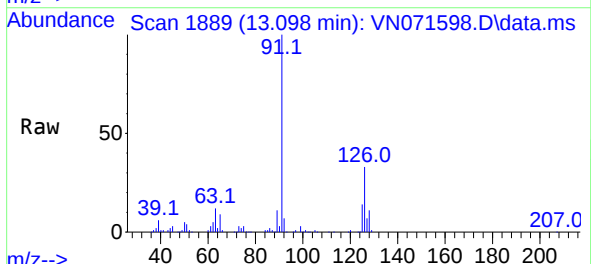
Manual Integrations
APPROVED

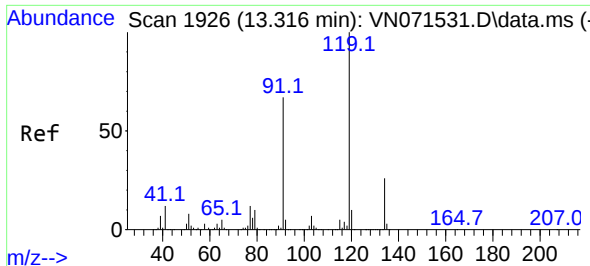
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#82
4-Chlorotoluene
Concen: 17.753 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

Tgt Ion: 91 Resp: 399817
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6





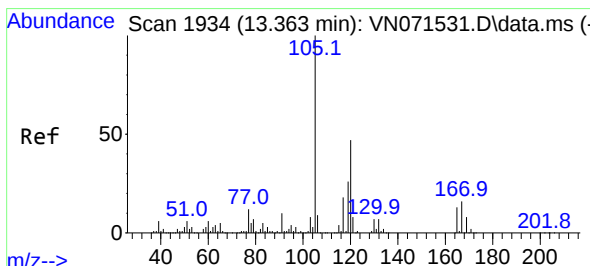
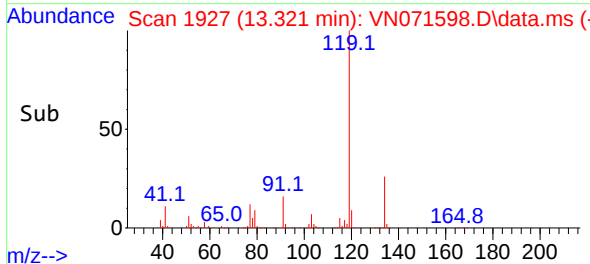
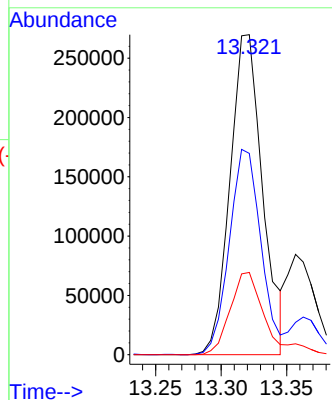
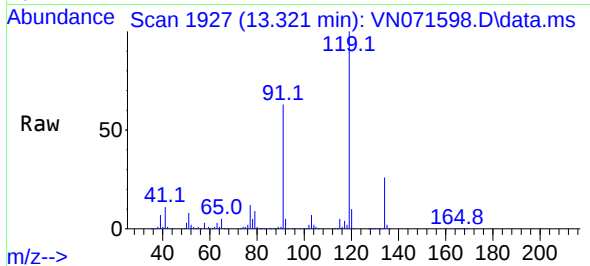
#83
tert-Butylbenzene
Concen: 18.379 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01

Tgt Ion:119 Resp: 46664
Ion Ratio Lower Upper
119 100
91 62.3 31.6 94.8
134 27.7 13.7 41.1

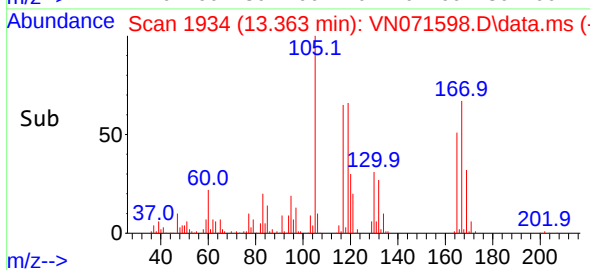
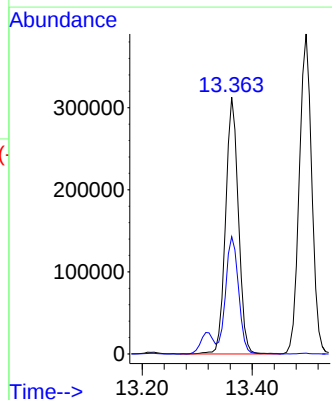
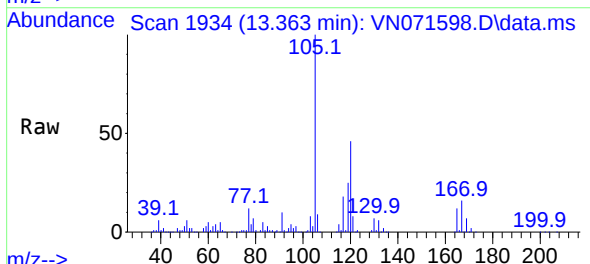
Manual Integrations
APPROVED

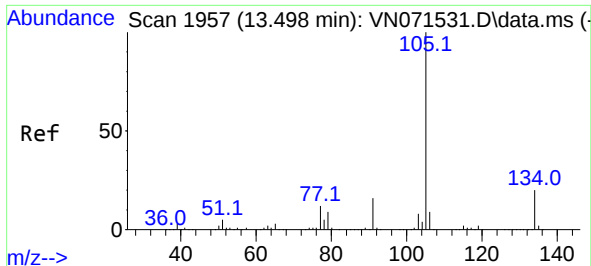
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#84
1,2,4-Trimethylbenzene
Concen: 18.584 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

Tgt Ion:105 Resp: 504393
Ion Ratio Lower Upper
105 100
120 46.2 23.3 69.8





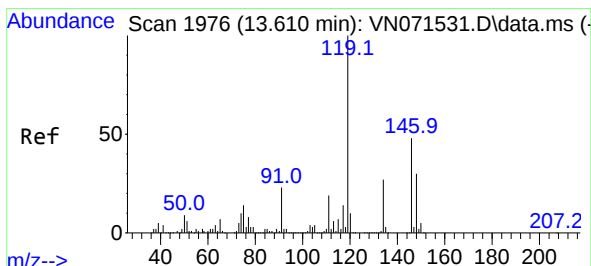
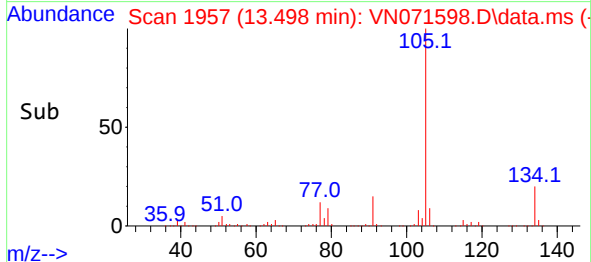
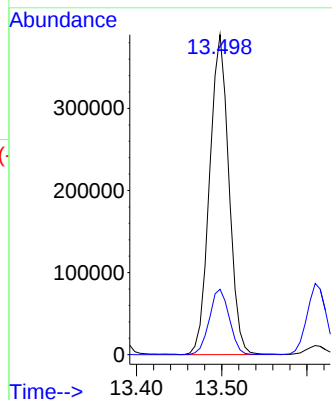
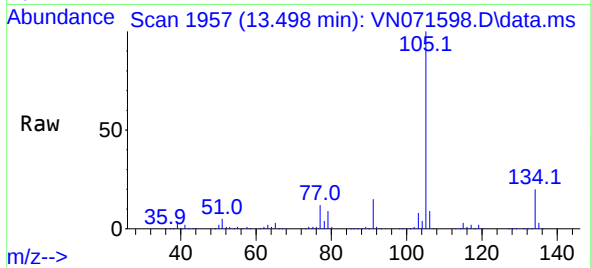
#85
 sec-Butylbenzene
 Concen: 18.201 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071598.D
 Acq: 28 Mar 2022 12:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBS01

Tgt Ion:105 Resp: 61253
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.4 31.1

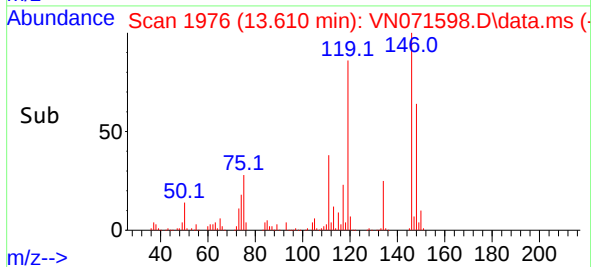
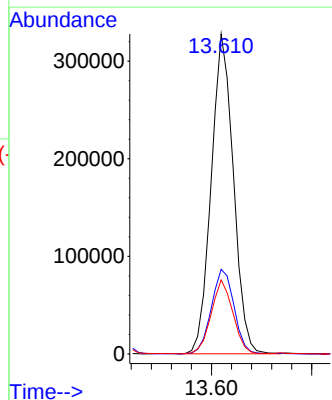
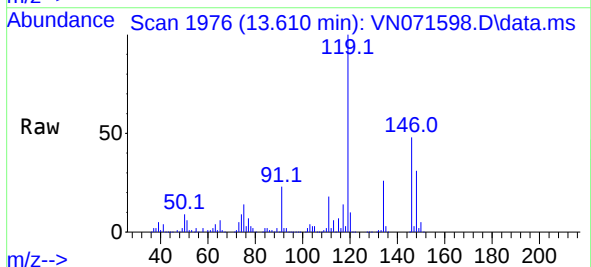
Manual Integrations
 APPROVED

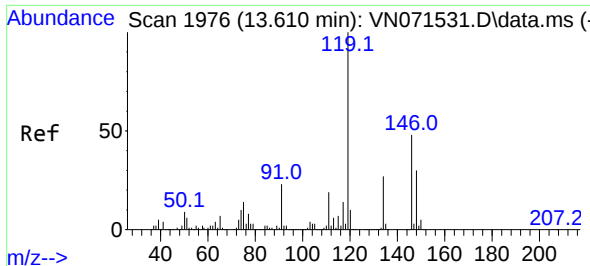
Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022



#86
 p-Isopropyltoluene
 Concen: 18.714 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071598.D
 Acq: 28 Mar 2022 12:02

Tgt Ion:119 Resp: 502051
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.3 39.8
 91 22.6 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 18.107 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN071598.D

Acq: 28 Mar 2022 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBS01

Tgt Ion:146 Resp: 260814

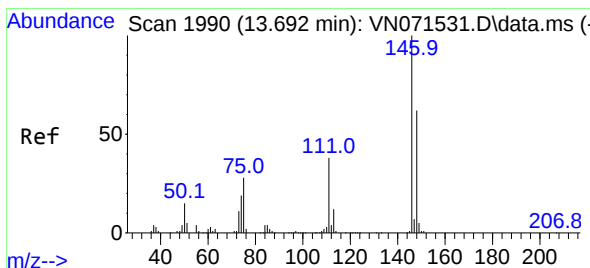
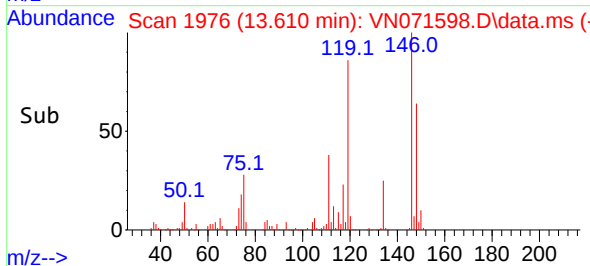
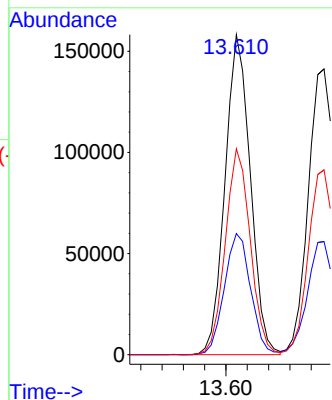
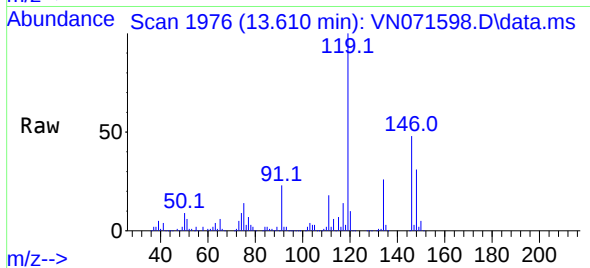
Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.0	60.0
148	63.8	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#88

1,4-Dichlorobenzene

Concen: 17.511 ug/l

RT: 13.692 min Scan# 1990

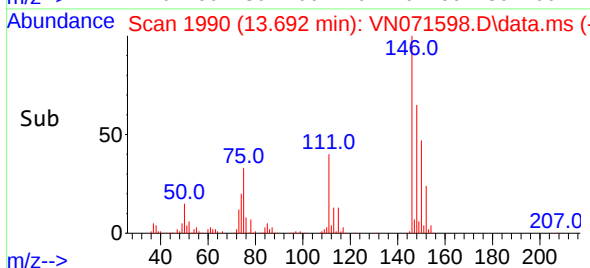
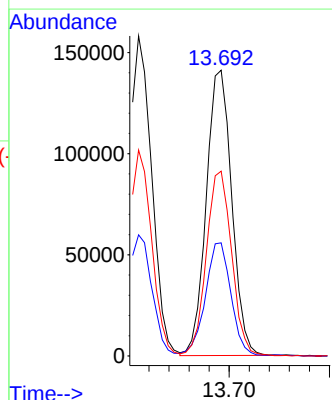
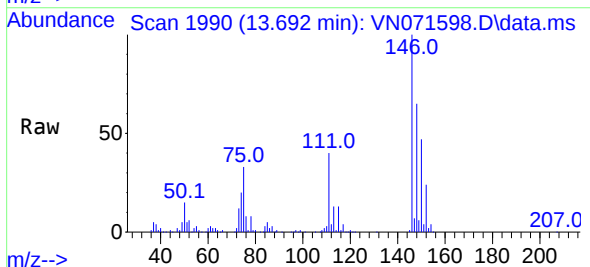
Delta R.T. -0.000 min

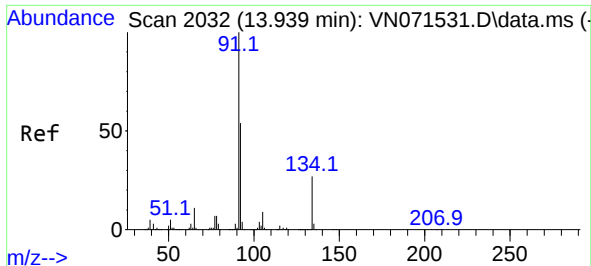
Lab File: VN071598.D

Acq: 28 Mar 2022 12:02

Tgt Ion:146 Resp: 249278

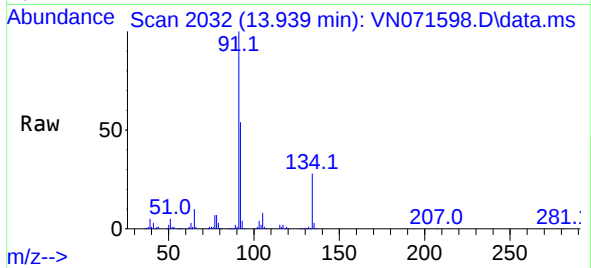
Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.1	57.1
148	64.6	31.4	94.3





#89
n-Butylbenzene
Concen: 17.284 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

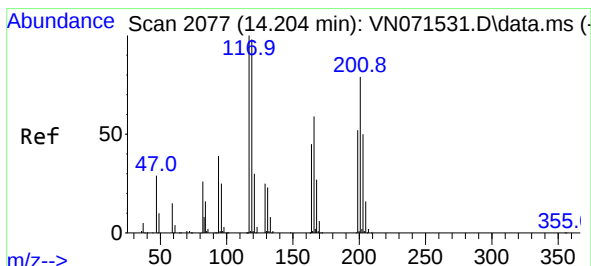
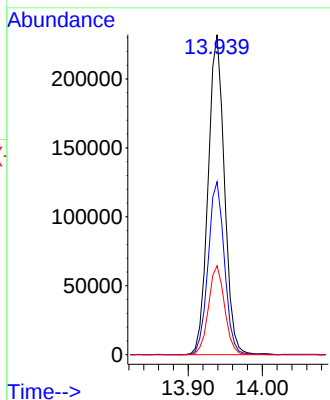
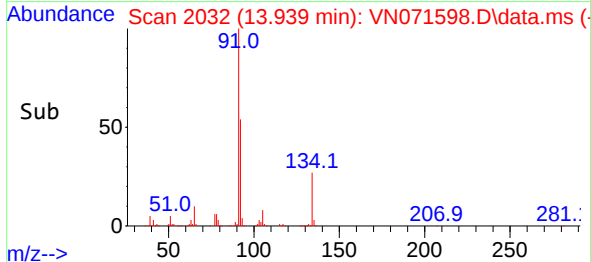
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



Tgt Ion: 91 Resp: 355114
Ion Ratio Lower Upper
91 100
92 54.1 26.9 80.7
134 27.5 13.6 40.8

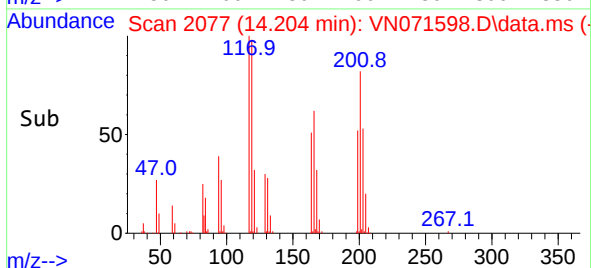
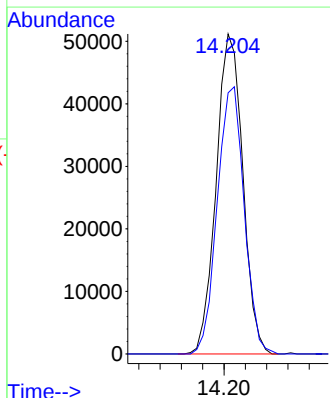
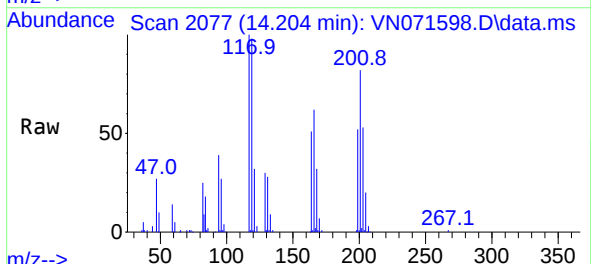
Manual Integrations
APPROVED

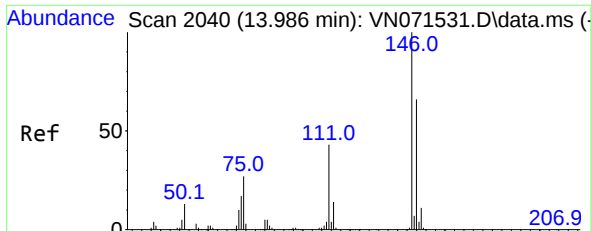
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#90
Hexachloroethane
Concen: 16.933 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

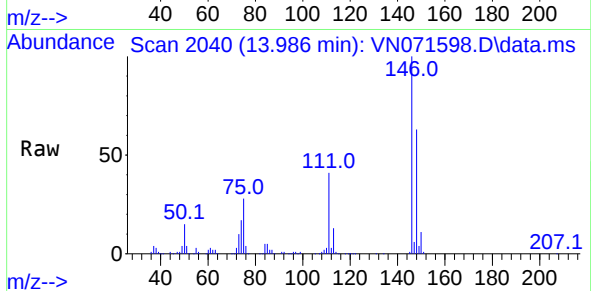
Tgt Ion:117 Resp: 88670
Ion Ratio Lower Upper
117 100
201 84.5 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 18.559 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

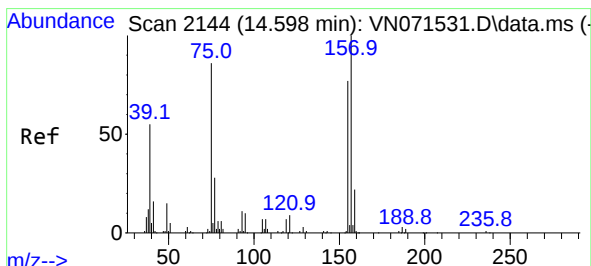
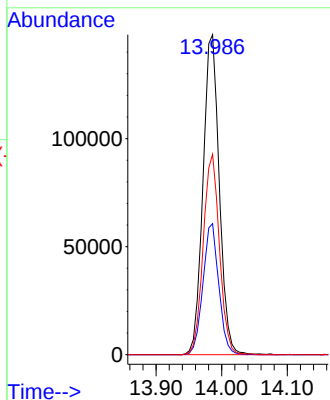
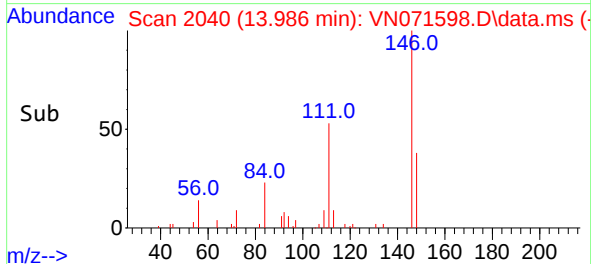
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



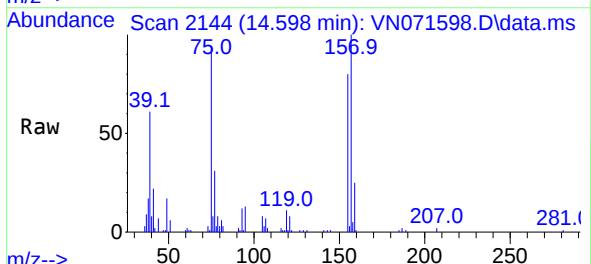
Tgt Ion:146 Resp: 25624
Ion Ratio Lower Upper
146 100
111 39.8 20.9 62.8
148 62.4 32.1 96.3

Manual Integrations
APPROVED

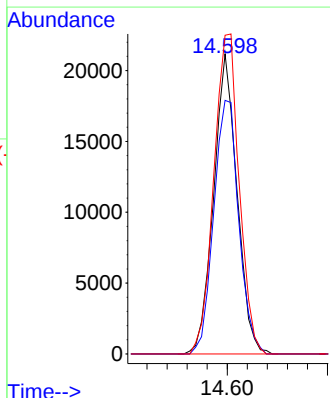
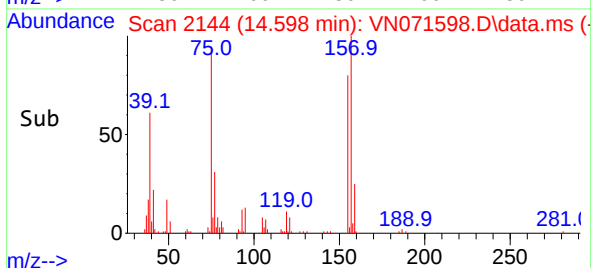
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

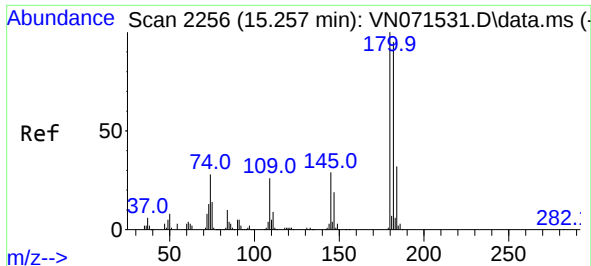


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.293 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02



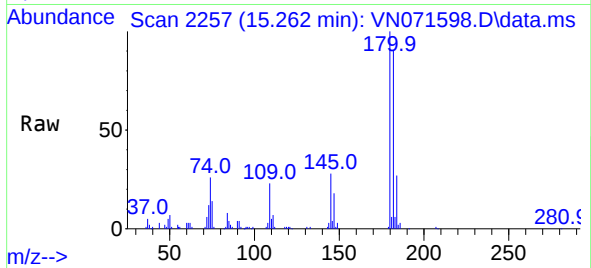
Tgt Ion: 75 Resp: 34329
Ion Ratio Lower Upper
75 100
155 90.4 44.9 134.5
157 115.2 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 17.147 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

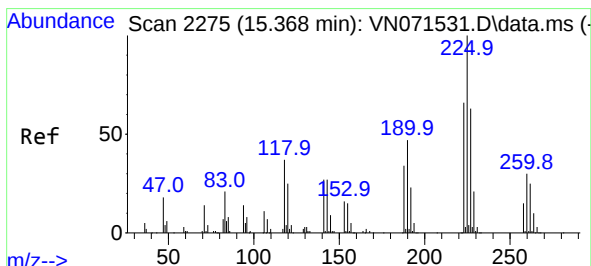
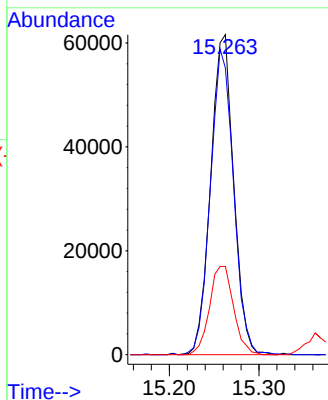
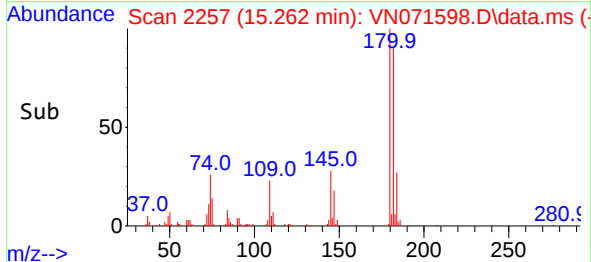
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



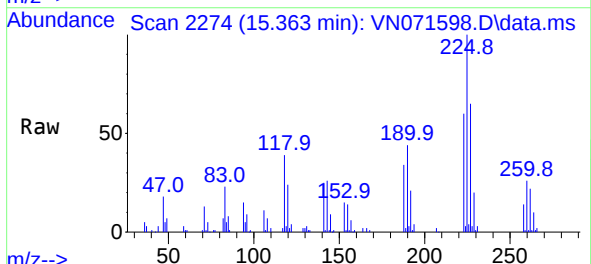
Tgt Ion:180 Resp: 10970
Ion Ratio Lower Upper
180 100
182 95.9 47.5 142.5
145 28.9 14.5 43.5

Manual Integrations
APPROVED

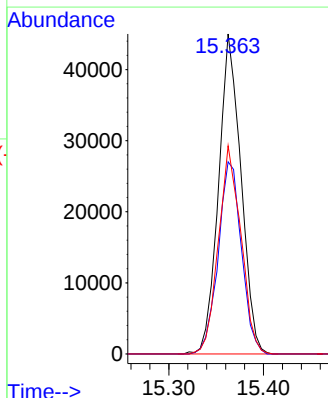
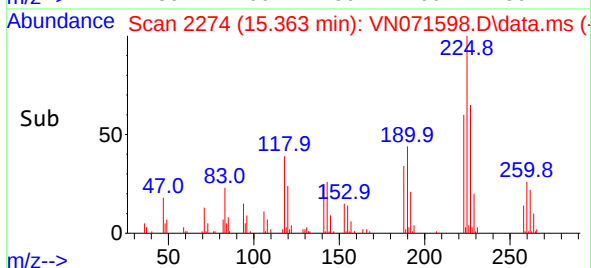
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

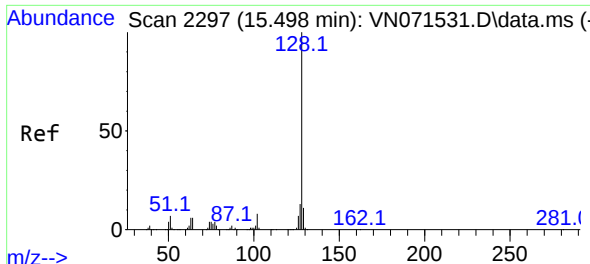


#94
Hexachlorobutadiene
Concen: 19.134 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02



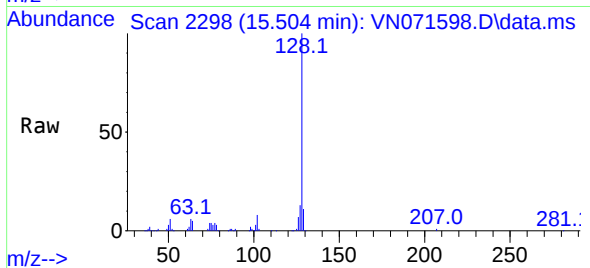
Tgt Ion:225 Resp: 74030
Ion Ratio Lower Upper
225 100
223 62.2 32.4 97.2
227 65.3 31.8 95.4





#95
Naphthalene
Concen: 15.540 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

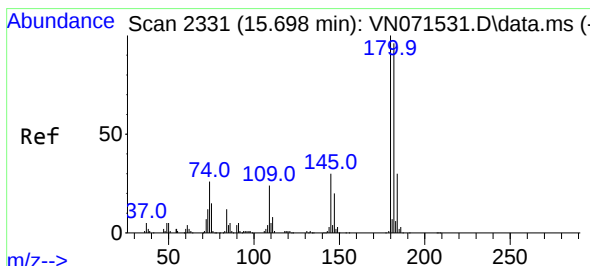
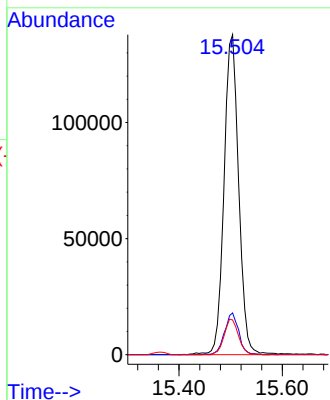
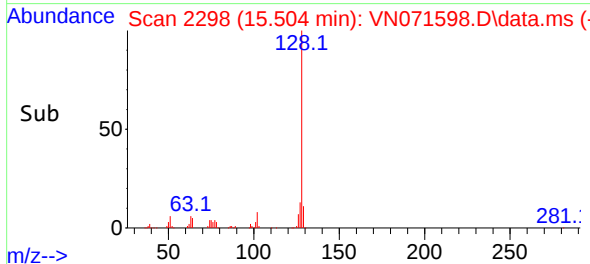
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBS01



Tgt Ion:128 Resp: 270952
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#96
1,2,3-Trichlorobenzene
Concen: 16.869 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.006 min
Lab File: VN071598.D
Acq: 28 Mar 2022 12:02

Tgt Ion:180 Resp: 107089
Ion Ratio Lower Upper
180 100
182 95.1 47.8 143.3
145 30.7 15.5 46.5

