

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
 Data File : VN071532.D
 Acq On : 24 Mar 2022 20:46
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 25 09:34:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:31:19 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/25/2022
 Supervised By : Mahesh Dadoda 03/28/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	646055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1039585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	975694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	415815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	834887	112.717	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 225.440%#			
35) Dibromofluoromethane	8.016	113	681540	110.818	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 221.640%#			
50) Toluene-d8	10.439	98	2769213	112.115	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 224.220%#			
62) 4-Bromofluorobenzene	12.727	95	960665	110.525	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 221.060%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	696604	104.076	ug/l	98
3) Chloromethane	2.299	50	783312	93.522	ug/l	98
4) Vinyl Chloride	2.440	62	930710	108.867	ug/l	99
5) Bromomethane	2.816	94	349452	71.376	ug/l	99
6) Chloroethane	2.987	64	574411	102.152	ug/l	96
7) Trichlorofluoromethane	3.357	101	1062985	100.561	ug/l	100
8) Diethyl Ether	3.816	74	449773	98.446	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.204	101	625945	96.985	ug/l	98
10) Methyl Iodide	4.416	142	973479	108.783	ug/l	99
11) Tert butyl alcohol	5.363	59	817547	599.416	ug/l	100
12) 1,1-Dichloroethene	4.175	96	644821	101.964	ug/l	99
13) Acrolein	4.034	56	582705	483.836	ug/l	99
14) Allyl chloride	4.834	41	1051918	89.518	ug/l	99
15) Acrylonitrile	5.546	53	2100978	529.449	ug/l	100
16) Acetone	4.281	43	1656023	419.756	ug/l	99
17) Carbon Disulfide	4.528	76	1693043	94.906	ug/l	100
18) Methyl Acetate	4.846	43	898099	91.804	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	2298287	104.300	ug/l	99
20) Methylene Chloride	5.087	84	746048	101.049	ug/l	99
21) trans-1,2-Dichloroethene	5.593	96	691449	102.274	ug/l	99
22) Diisopropyl ether	6.493	45	2163754	95.426	ug/l	97
23) Vinyl Acetate	6.428	43	9633291	501.000	ug/l	100
24) 1,1-Dichloroethane	6.381	63	1287782	100.021	ug/l	99
25) 2-Butanone	7.328	43	2782900	519.409	ug/l	100
26) 2,2-Dichloropropane	7.322	77	1088894	101.789	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	833359	106.759	ug/l	99
28) Bromochloromethane	7.651	49	539539	104.043	ug/l	99
29) Tetrahydrofuran	7.675	42	1809074	517.566	ug/l	100
30) Chloroform	7.816	83	1296164	101.956	ug/l	100
31) Cyclohexane	8.092	56	1155024	92.492	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	1144093	104.380	ug/l	98
36) 1,1-Dichloropropene	8.216	75	990568	99.116	ug/l	100
37) Ethyl Acetate	7.404	43	1081893	100.332	ug/l	99
38) Carbon Tetrachloride	8.204	117	973730	99.006	ug/l	99
39) Methylcyclohexane	9.457	83	1277437	99.622	ug/l	100
40) Benzene	8.457	78	3000481	100.787	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
 Data File : VN071532.D
 Acq On : 24 Mar 2022 20:46
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2022
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 25 09:34:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:31:19 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	531708	96.678	ug/l	97
42) 1,2-Dichloroethane	8.528	62	1037274	101.695	ug/l	99
43) Isopropyl Acetate	8.557	43	1723603	102.228	ug/l	100
44) Trichloroethene	9.210	130	798440	101.971	ug/l	98
45) 1,2-Dichloropropane	9.486	63	750031	98.968	ug/l	99
46) Dibromomethane	9.575	93	509759	101.608	ug/l	100
47) Bromodichloromethane	9.757	83	1037223	102.334	ug/l	100
48) Methyl methacrylate	9.557	41	827063	103.712	ug/l	99
49) 1,4-Dioxane	9.563	88	373356	2509.455	ug/l	99
51) 4-Methyl-2-Pentanone	10.328	43	5596806	539.943	ug/l	99
52) Toluene	10.498	92	1954655	104.578	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	1173605	106.996	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	1268314	105.402	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	764817	104.162	ug/l	98
56) Ethyl methacrylate	10.757	69	1292054	116.754	ug/l	99
57) 1,3-Dichloropropane	11.039	76	1303459	103.037	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.034	63	1866875	894.857	ug/l	99
59) 2-Hexanone	11.080	43	4085322	570.171	ug/l	99
60) Dibromochloromethane	11.233	129	826814	107.565	ug/l	99
61) 1,2-Dibromoethane	11.339	107	806613	107.851	ug/l	100
64) Tetrachloroethene	10.975	164	674537	90.529	ug/l	97
65) Chlorobenzene	11.769	112	2131220	101.987	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	778164	102.535	ug/l	100
67) Ethyl Benzene	11.839	91	3837175	105.162	ug/l	98
68) m/p-Xylenes	11.951	106	2978346	211.720	ug/l	100
69) o-Xylene	12.275	106	1487742	107.880	ug/l	99
70) Styrene	12.292	104	2431925	111.473	ug/l	100
71) Bromoform	12.457	173	651468	107.854	ug/l #	99
73) Isopropylbenzene	12.575	105	3773052	111.287	ug/l	99
74) N-amyl acetate	12.380	43	1250453	115.801	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.822	83	1130174	103.760	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	885217m	93.068	ug/l	
77) Bromobenzene	12.857	156	899550	108.629	ug/l	99
78) n-propylbenzene	12.916	91	4238272	111.922	ug/l	100
79) 2-Chlorotoluene	13.004	91	2519194	109.181	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	3012345	110.246	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	382478	123.002	ug/l	97
82) 4-Chlorotoluene	13.098	91	2426353	109.191	ug/l	100
83) tert-Butylbenzene	13.316	119	2764320	107.031	ug/l	100
84) 1,2,4-Trimethylbenzene	13.363	105	2968646	110.372	ug/l	100
85) sec-Butylbenzene	13.498	105	3761778	110.524	ug/l	100
86) p-Isopropyltoluene	13.610	119	3085373	110.915	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	1513760	104.485	ug/l	100
88) 1,4-Dichlorobenzene	13.692	146	1453329	102.310	ug/l	99
89) n-Butylbenzene	13.939	91	2393622	106.852	ug/l	100
90) Hexachloroethane	14.210	117	554155	110.820	ug/l	100
91) 1,2-Dichlorobenzene	13.986	146	1415733	103.645	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	226105	127.257	ug/l	98
93) 1,2,4-Trichlorobenzene	15.257	180	740442	111.524	ug/l	99
94) Hexachlorobutadiene	15.368	225	370529	77.053	ug/l	98
95) Naphthalene	15.498	128	2267456	155.980	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	741945	121.554	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
Data File : VN071532.D
Acq On : 24 Mar 2022 20:46
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

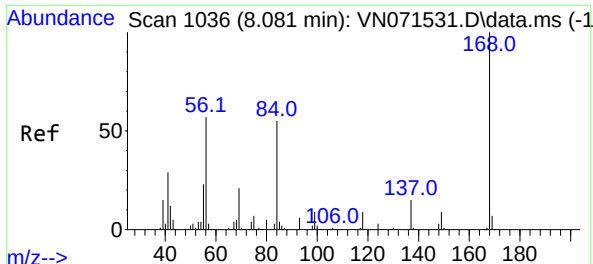
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

Quant Time: Mar 25 09:34:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 25 09:31:19 2022
Response via : Initial Calibration

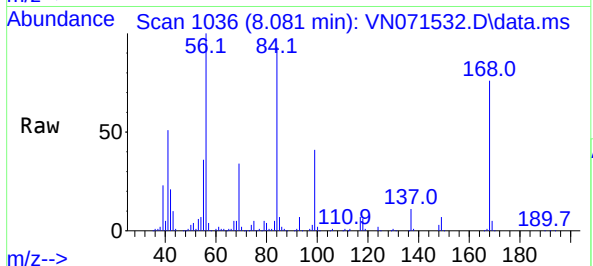
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

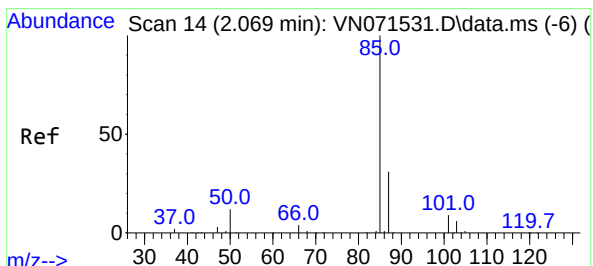
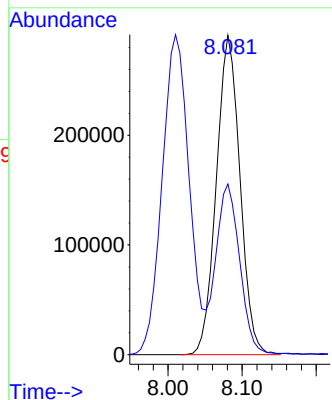
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:168 Resp: 64605
Ion Ratio Lower Upper
168 100
99 53.1 42.3 63.5

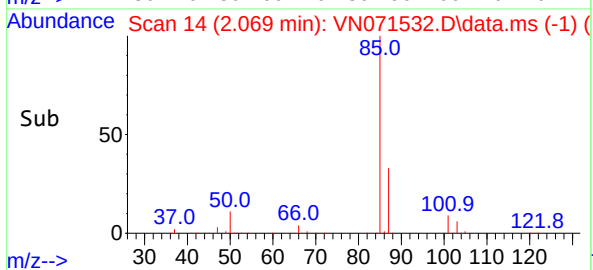
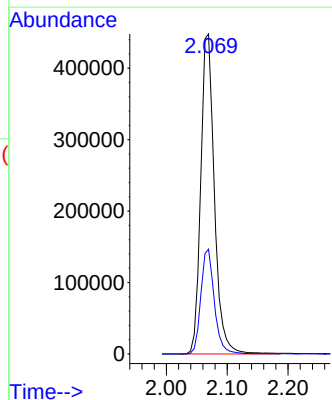
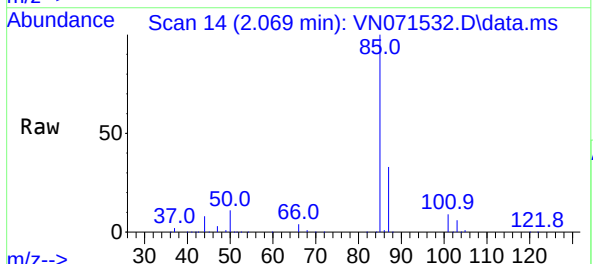
Manual Integrations
APPROVED

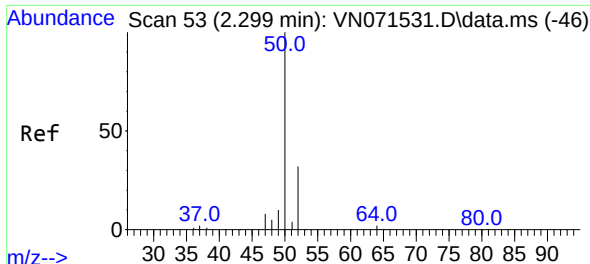
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#2
Dichlorodifluoromethane
Concen: 104.076 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

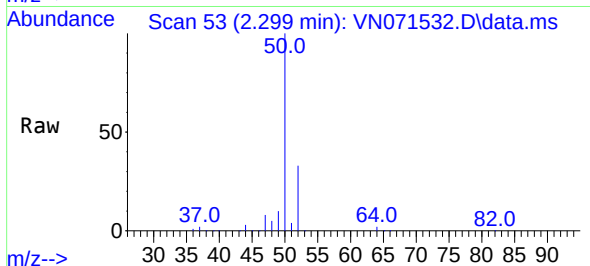
Tgt Ion: 85 Resp: 696604
Ion Ratio Lower Upper
85 100
87 32.7 15.7 47.1





#3
Chloromethane
Concen: 93.522 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

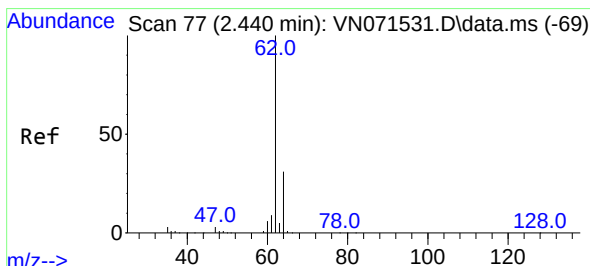
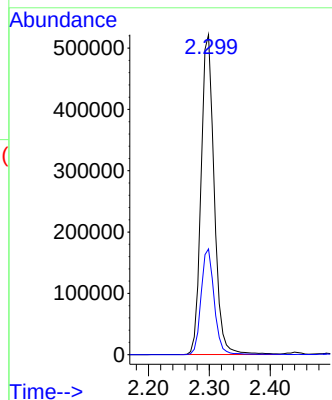
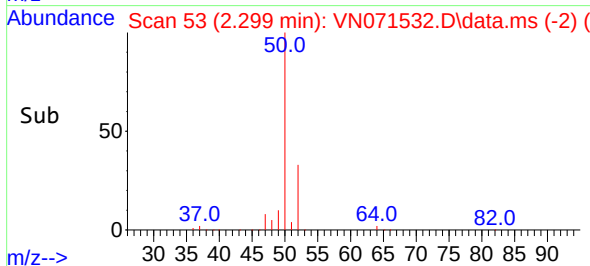
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 50 Resp: 783312
Ion Ratio Lower Upper
50 100
52 33.1 25.7 38.5

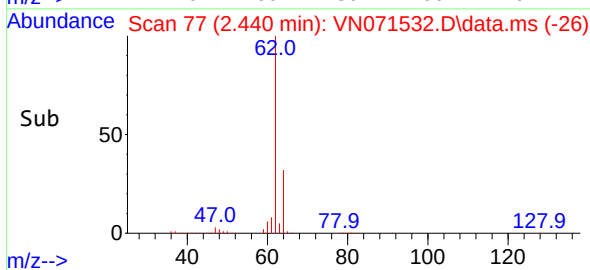
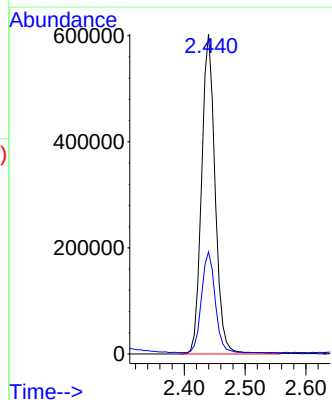
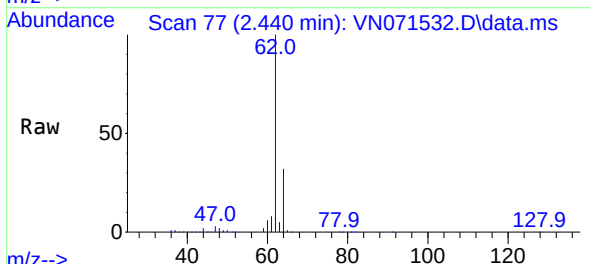
Manual Integrations
APPROVED

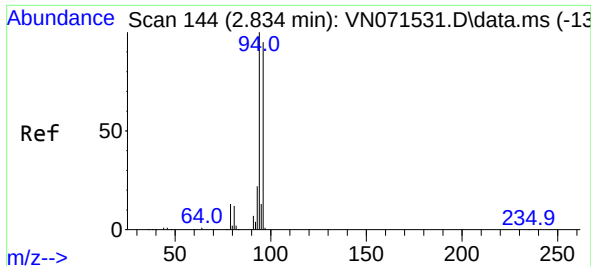
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#4
Vinyl Chloride
Concen: 108.867 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

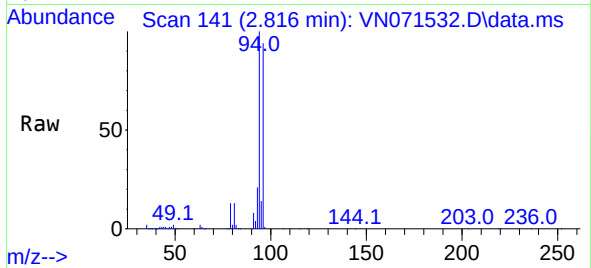
Tgt Ion: 62 Resp: 930710
Ion Ratio Lower Upper
62 100
64 31.5 25.0 37.4





#5
Bromomethane
Concen: 71.376 ug/l
RT: 2.816 min Scan# 14
Delta R.T. -0.018 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

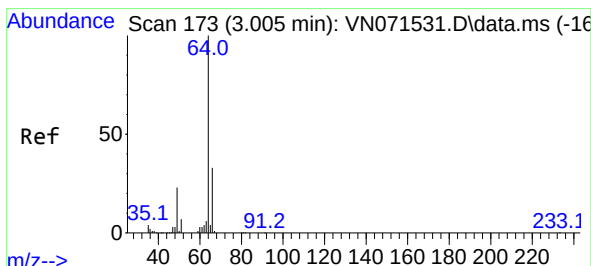
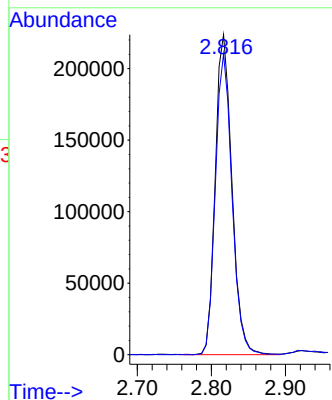
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



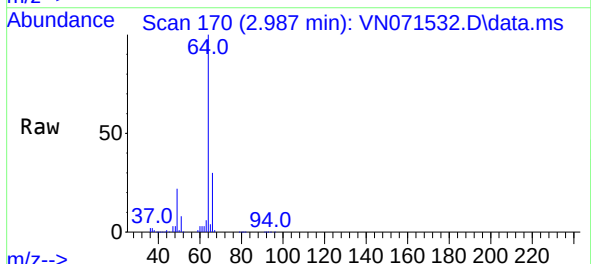
Tgt Ion: 94 Resp: 349452
Ion Ratio Lower Upper
94 100
96 93.9 76.0 114.0

Manual Integrations
APPROVED

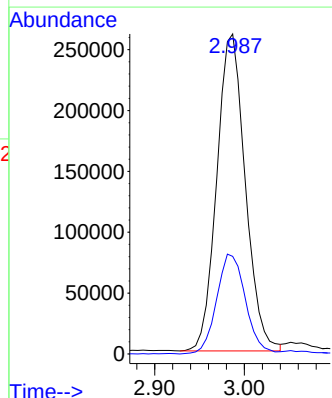
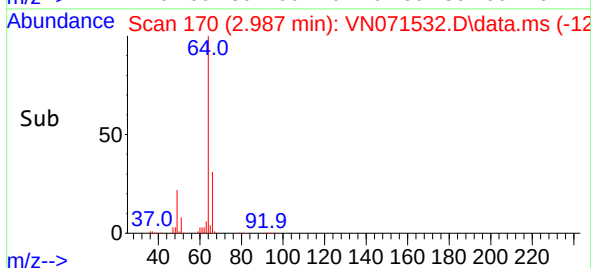
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

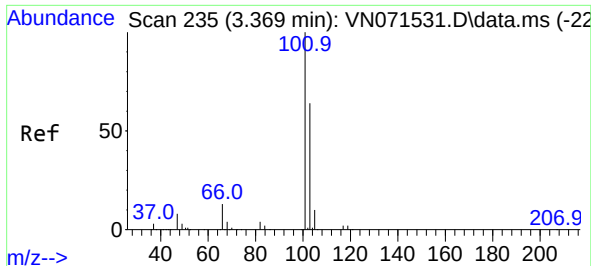


#6
Chloroethane
Concen: 102.152 ug/l
RT: 2.987 min Scan# 170
Delta R.T. -0.018 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46



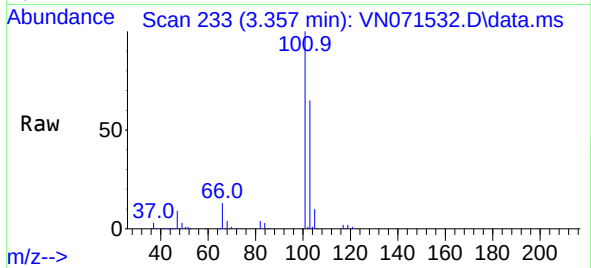
Tgt Ion: 64 Resp: 574411
Ion Ratio Lower Upper
64 100
66 30.8 26.2 39.4





#7
Trichlorofluoromethane
Concen: 100.561 ug/l
RT: 3.357 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

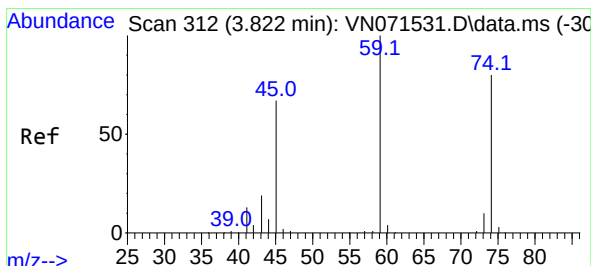
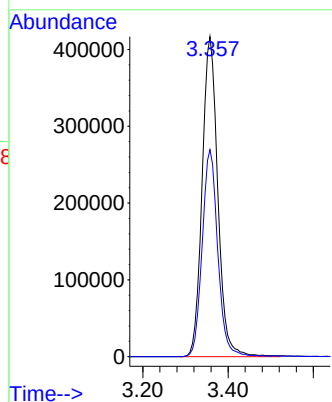
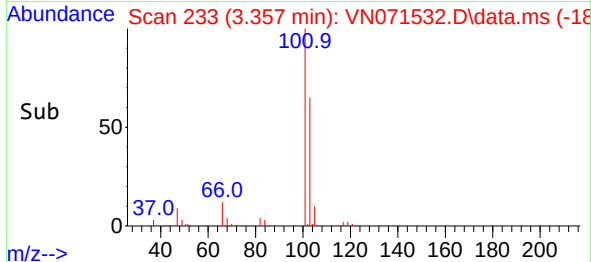
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



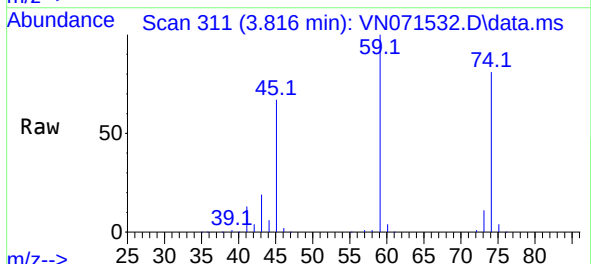
Tgt Ion:101 Resp: 106298
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3

Manual Integrations
APPROVED

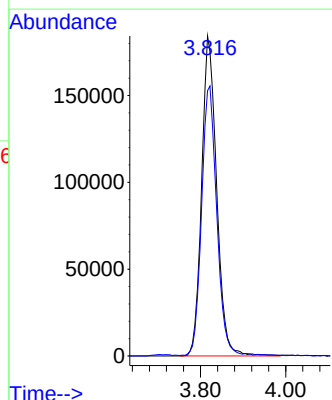
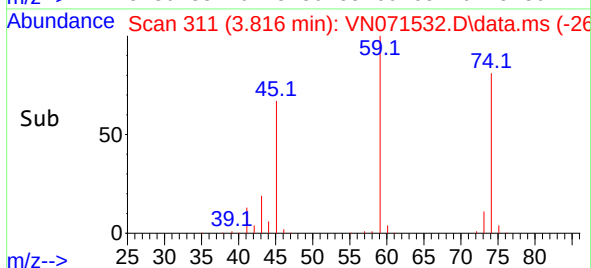
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

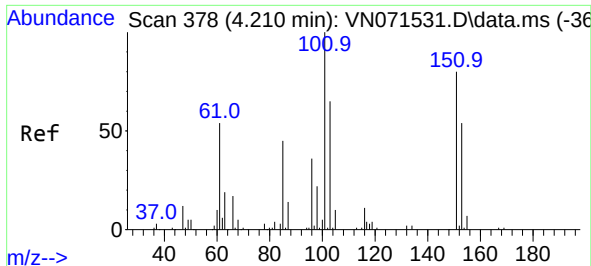


#8
Diethyl Ether
Concen: 98.446 ug/l
RT: 3.816 min Scan# 311
Delta R.T. -0.006 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46



Tgt Ion: 74 Resp: 449773
Ion Ratio Lower Upper
74 100
45 84.7 42.9 128.5





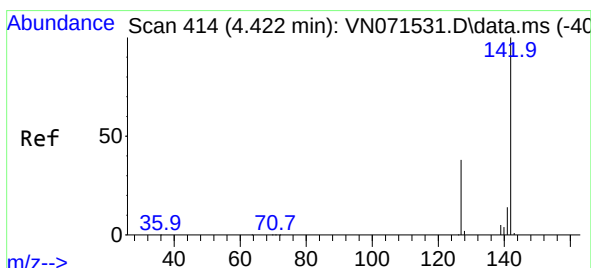
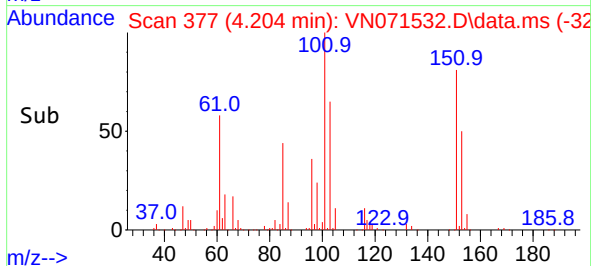
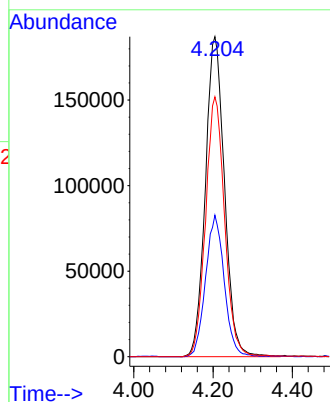
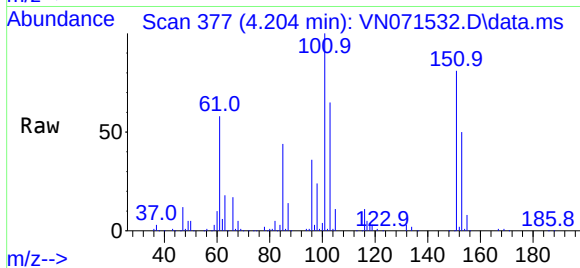
#9
1,1,2-Trichlorotrifluoroethane
Concen: 96.985 ug/l
RT: 4.204 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 62594
Ion Ratio Lower Upper
101 100
85 43.1 34.7 52.1
151 80.6 63.0 94.4

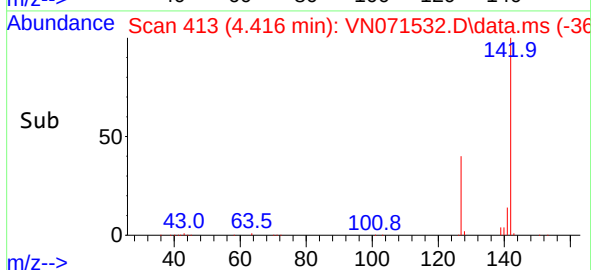
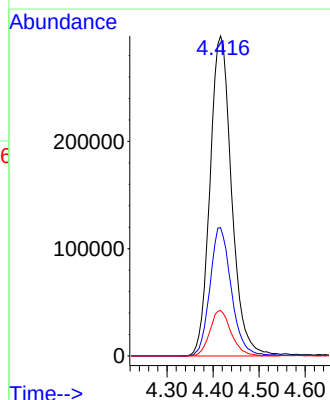
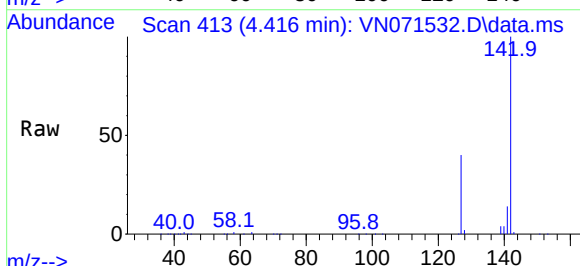
Manual Integrations
APPROVED

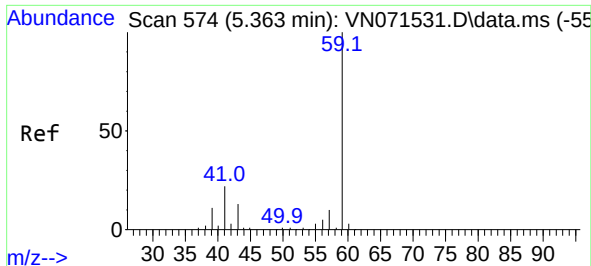
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#10
Methyl Iodide
Concen: 108.783 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

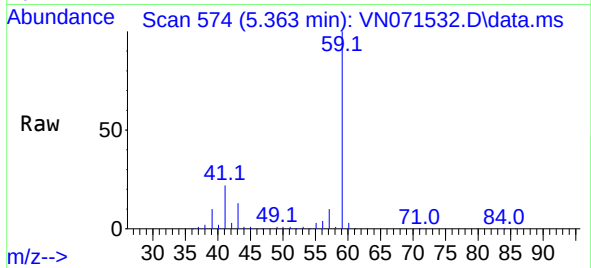
Tgt Ion:142 Resp: 973479
Ion Ratio Lower Upper
142 100
127 39.9 31.3 46.9
141 14.1 11.2 16.8





#11
Tert butyl alcohol
Concen: 599.416 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

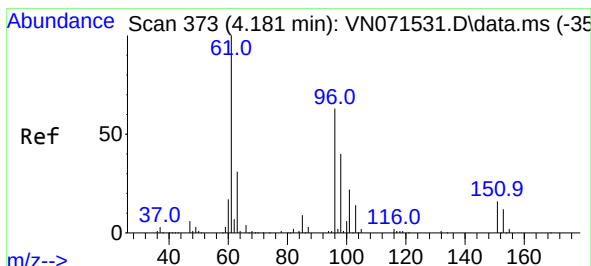
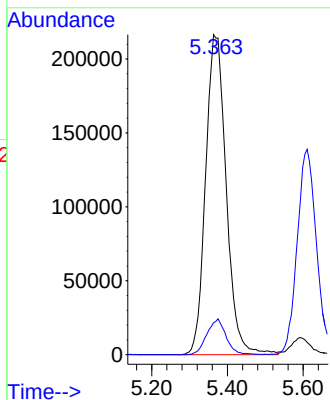
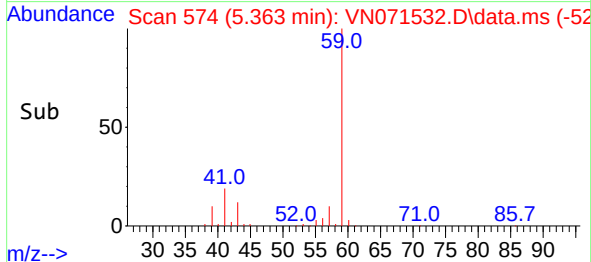
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



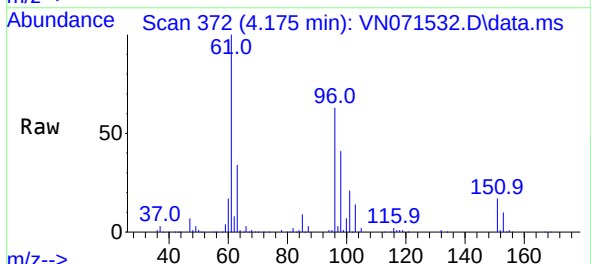
Tgt Ion: 59 Resp: 81754
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

Manual Integrations
APPROVED

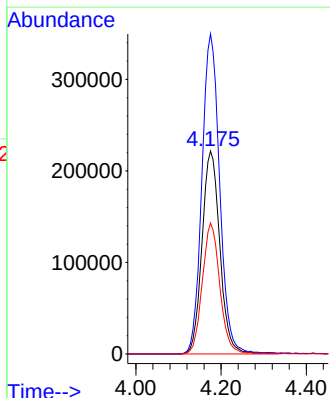
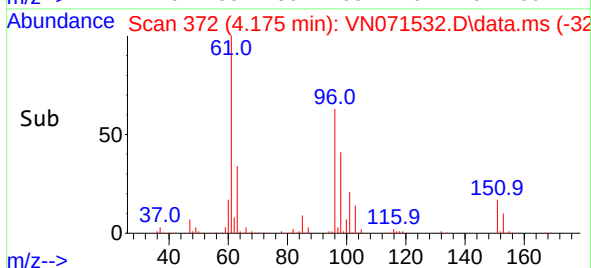
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

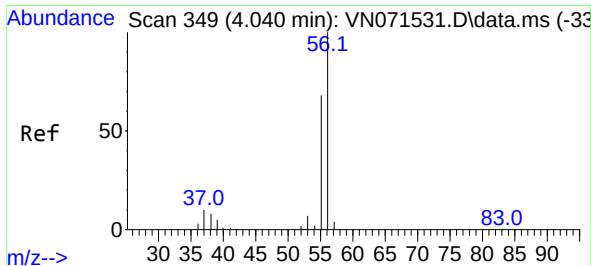


#12
1,1-Dichloroethene
Concen: 101.964 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.006 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46



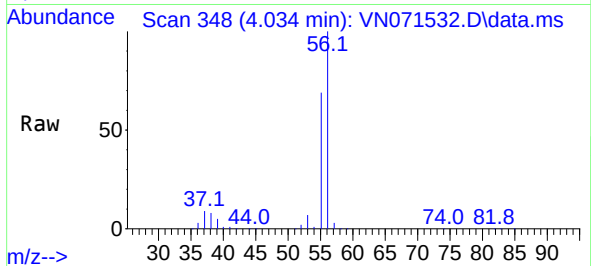
Tgt Ion: 96 Resp: 644821
Ion Ratio Lower Upper
96 100
61 157.7 127.6 191.4
98 64.6 51.2 76.8





#13
Acrolein
Concen: 483.836 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

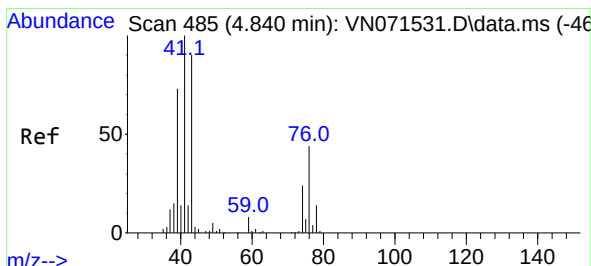
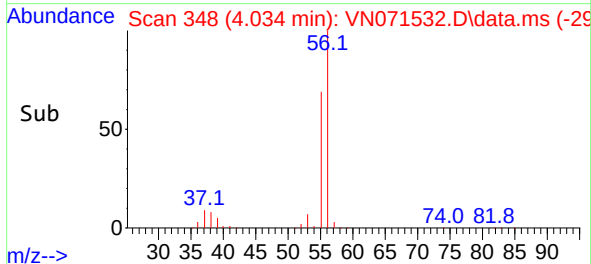
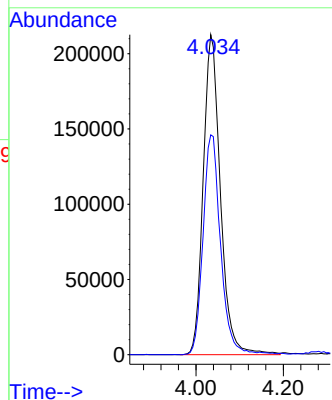
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 582709
Ion Ratio Lower Upper
56 100
55 69.5 54.8 82.2

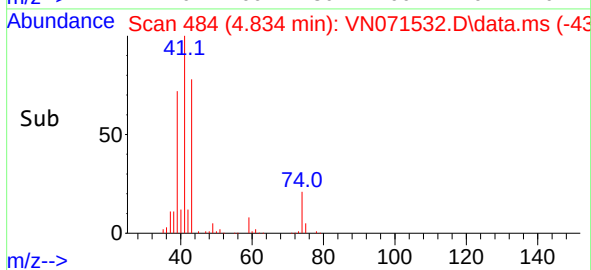
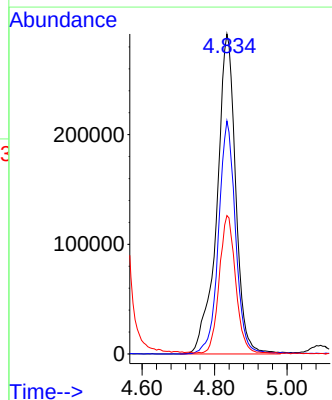
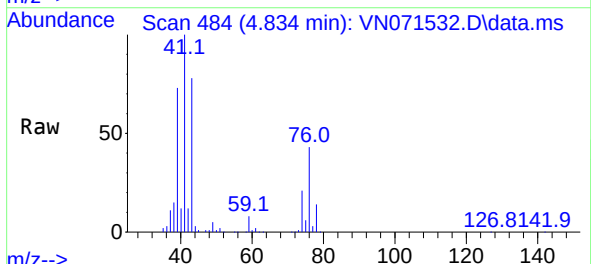
Manual Integrations
APPROVED

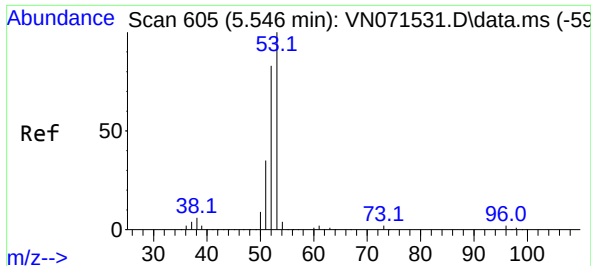
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#14
Allyl chloride
Concen: 89.518 ug/l
RT: 4.834 min Scan# 484
Delta R.T. -0.006 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

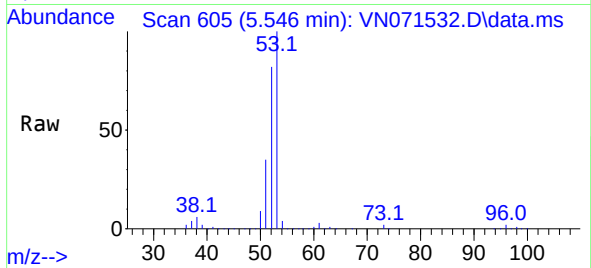
Tgt Ion: 41 Resp: 1051918
Ion Ratio Lower Upper
41 100
39 65.8 53.2 79.8
76 37.0 29.9 44.9





#15
Acrylonitrile
Concen: 529.449 ug/l
RT: 5.546 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

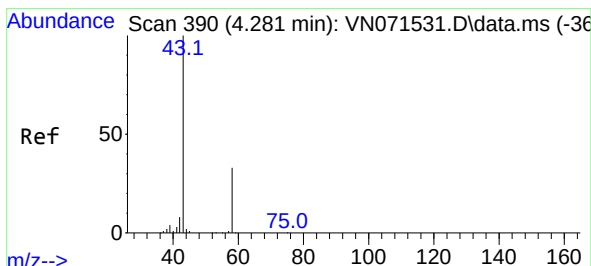
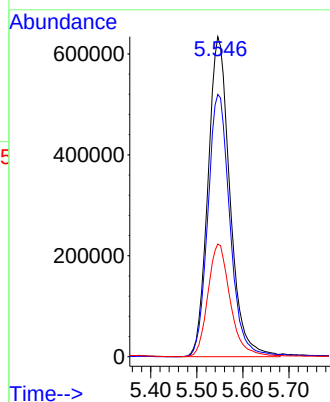
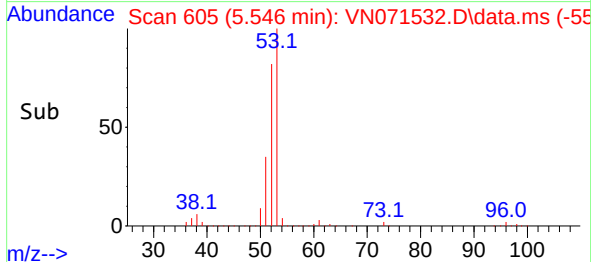
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



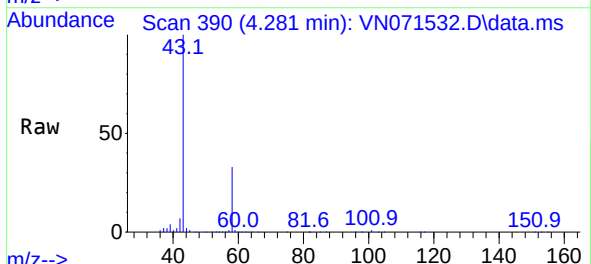
Tgt Ion: 53 Resp: 2100978
Ion Ratio Lower Upper
53 100
52 83.1 66.4 99.6
51 36.3 28.5 42.7

Manual Integrations
APPROVED

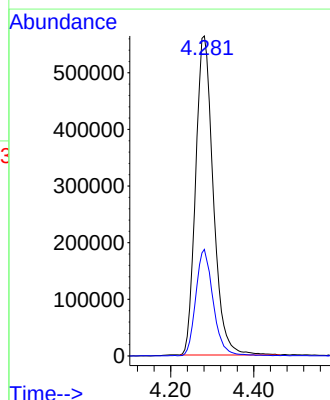
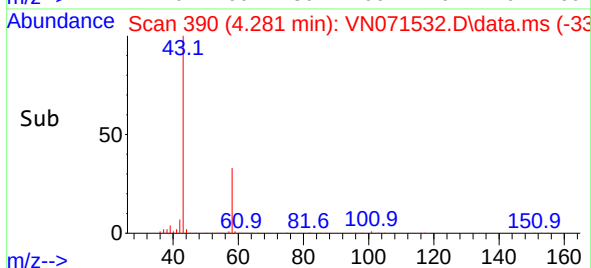
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

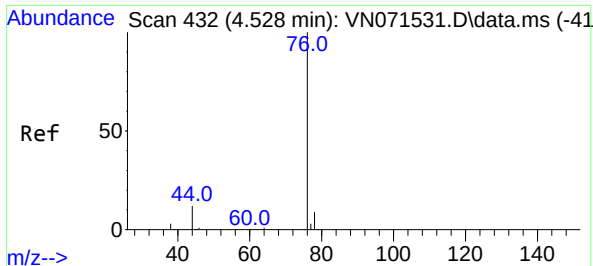


#16
Acetone
Concen: 419.756 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46



Tgt Ion: 43 Resp: 1656023
Ion Ratio Lower Upper
43 100
58 33.3 26.0 39.0





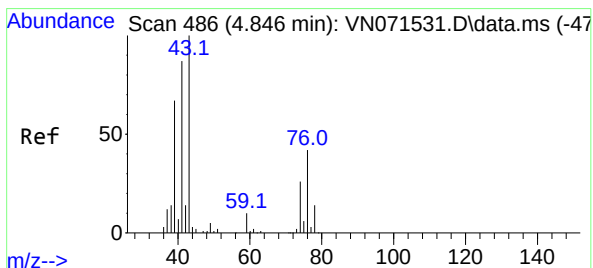
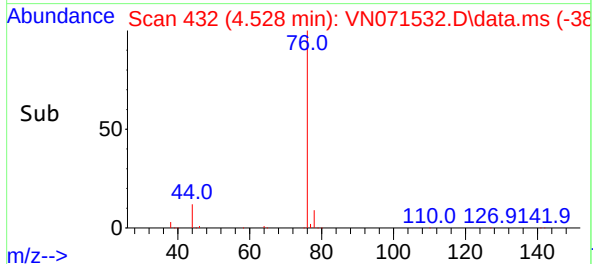
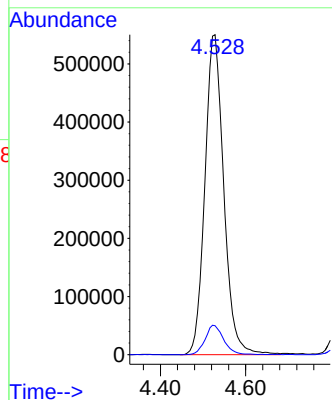
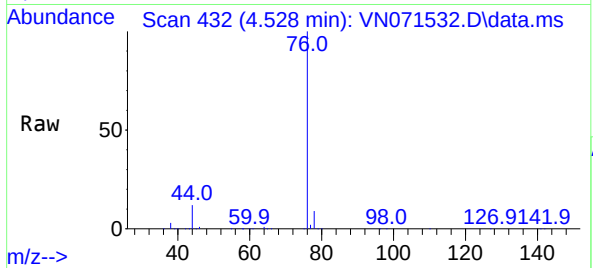
#17
Carbon Disulfide
Concen: 94.906 ug/l
RT: 4.528 min Scan# 432
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 169304
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

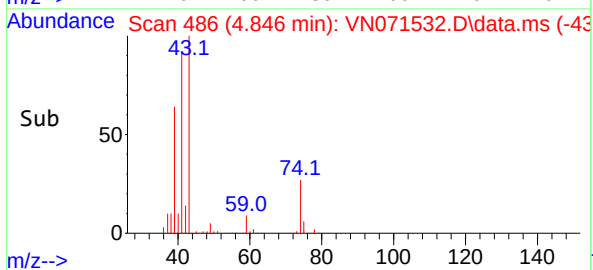
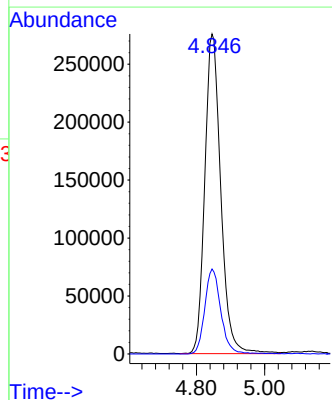
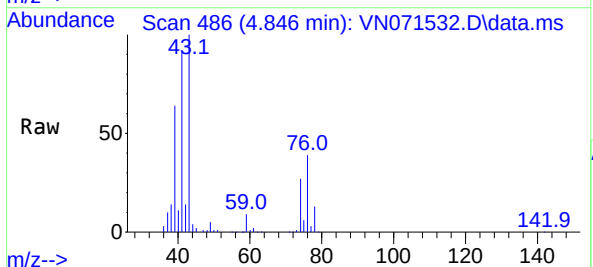
Manual Integrations
APPROVED

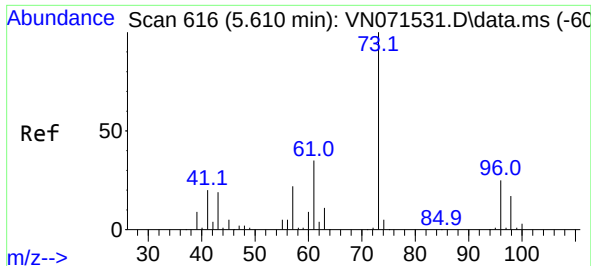
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#18
Methyl Acetate
Concen: 91.804 ug/l
RT: 4.846 min Scan# 486
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

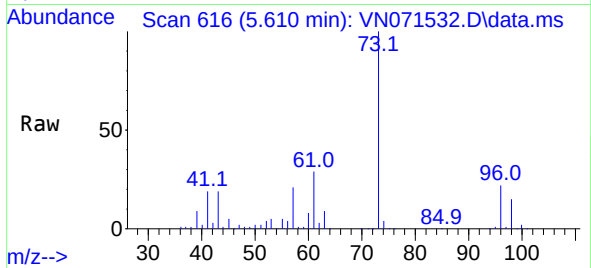
Tgt Ion: 43 Resp: 898099
Ion Ratio Lower Upper
43 100
74 26.7 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 104.300 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

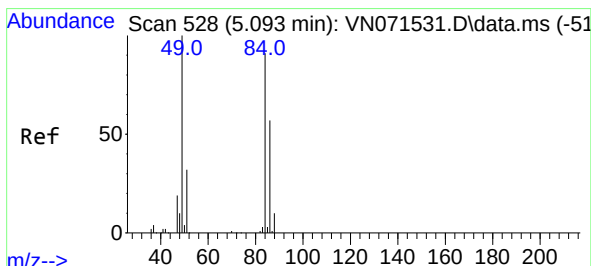
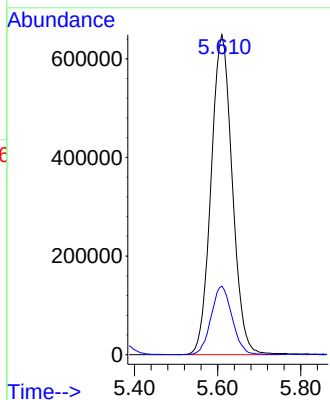
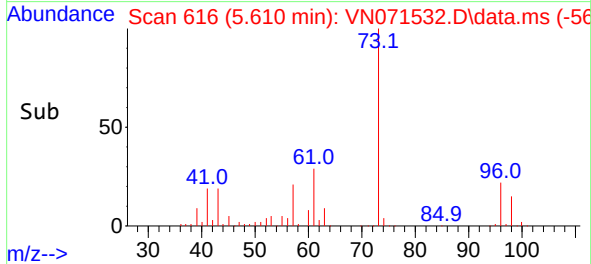
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 73 Resp: 229828
Ion Ratio Lower Upper
73 100
57 21.4 17.6 26.4

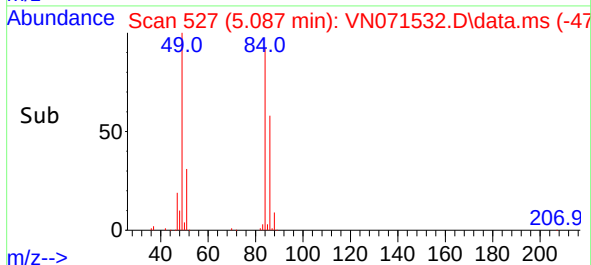
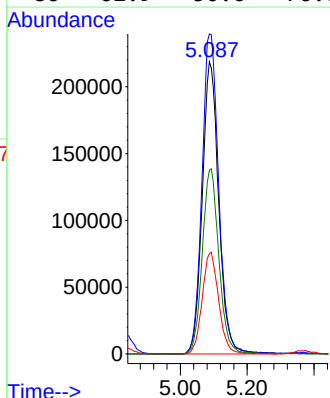
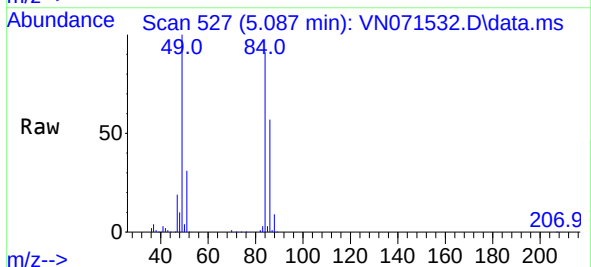
Manual Integrations
APPROVED

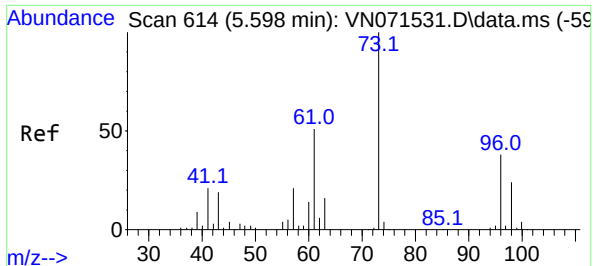
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#20
Methylene Chloride
Concen: 101.049 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

Tgt Ion: 84 Resp: 746048
Ion Ratio Lower Upper
84 100
49 109.5 88.3 132.5
51 34.3 28.2 42.2
86 62.9 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 102.274 ug/l

RT: 5.593 min Scan# 614

Delta R.T. -0.006 min

Lab File: VN071532.D

Acq: 24 Mar 2022 20:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 96 Resp: 691449

Ion Ratio Lower Upper

96 100

61 130.4 105.8 158.8

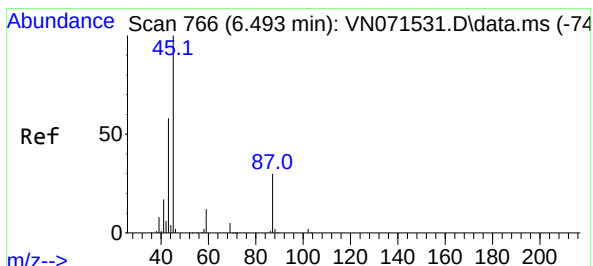
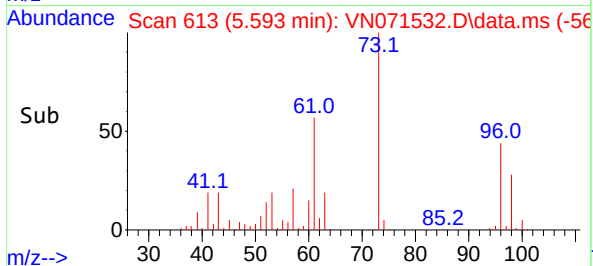
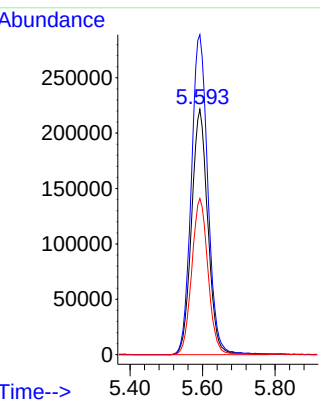
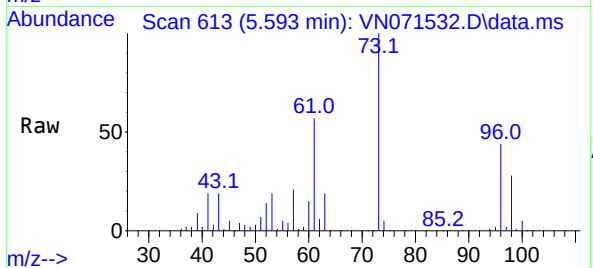
98 63.7 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/28/2022



#22

Diisopropyl ether

Concen: 95.426 ug/l

RT: 6.493 min Scan# 766

Delta R.T. 0.000 min

Lab File: VN071532.D

Acq: 24 Mar 2022 20:46

Tgt Ion: 45 Resp: 2163754

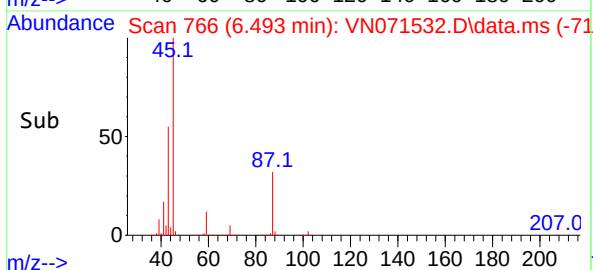
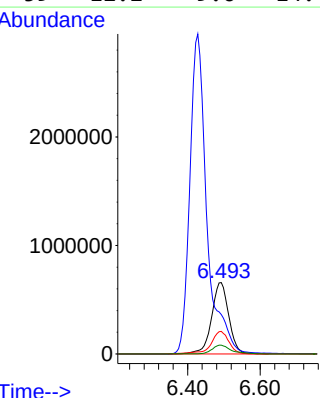
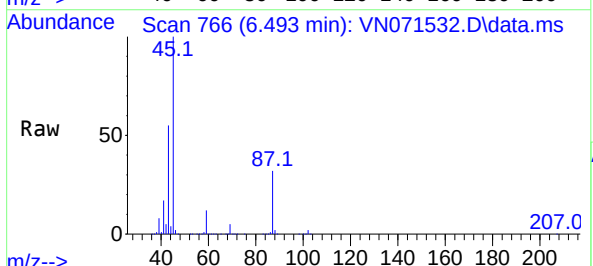
Ion Ratio Lower Upper

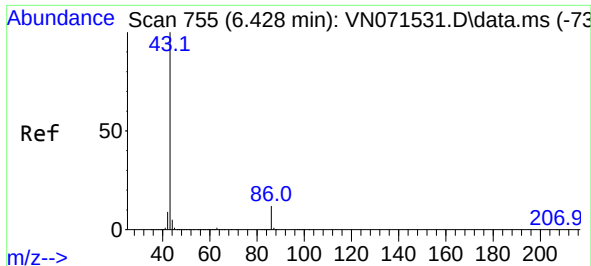
45 100

43 55.1 46.6 70.0

87 31.6 24.3 36.5

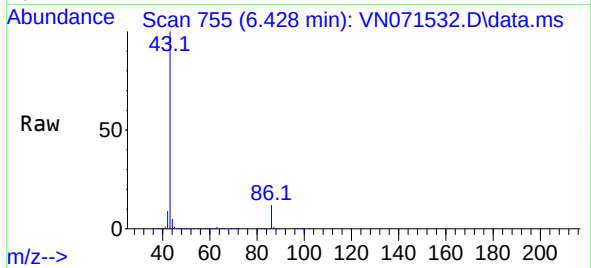
59 12.2 9.6 14.4





#23
 Vinyl Acetate
 Concen: 501.000 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. 0.000 min
 Lab File: VN071532.D
 Acq: 24 Mar 2022 20:46

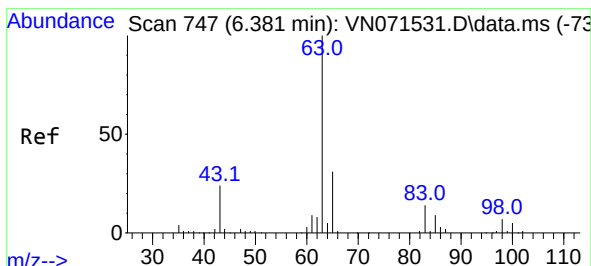
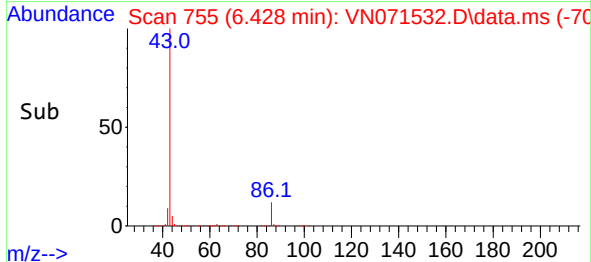
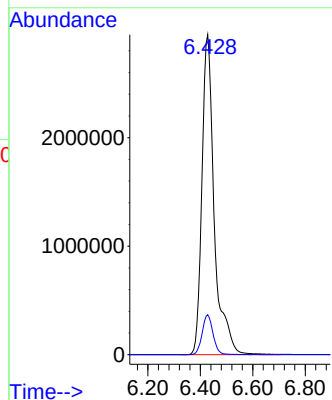
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 43 Resp: 963329
 Ion Ratio Lower Upper
 43 100
 86 12.5 10.0 15.0

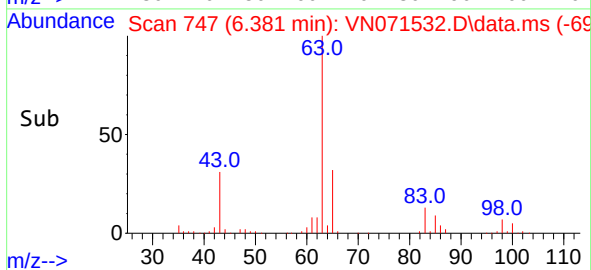
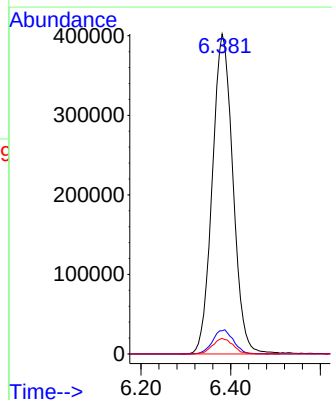
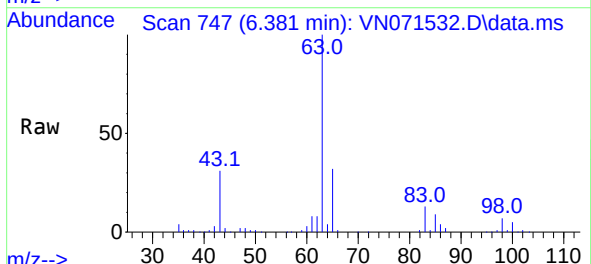
Manual Integrations
 APPROVED

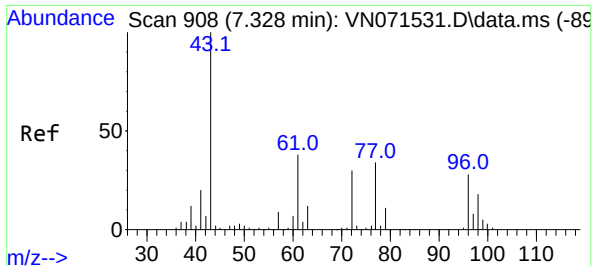
Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#24
 1,1-Dichloroethane
 Concen: 100.021 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. 0.000 min
 Lab File: VN071532.D
 Acq: 24 Mar 2022 20:46

Tgt Ion: 63 Resp: 1287782
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.4
 100 4.9 2.3 6.8





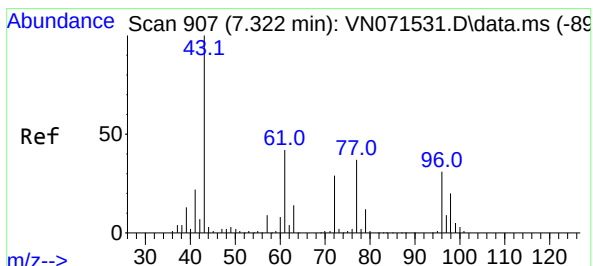
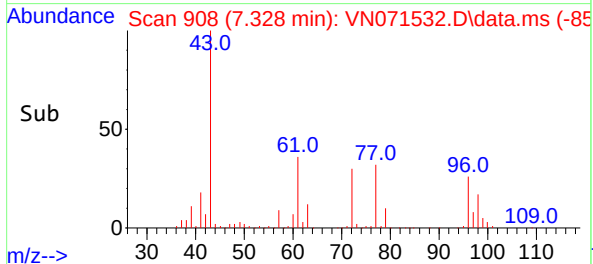
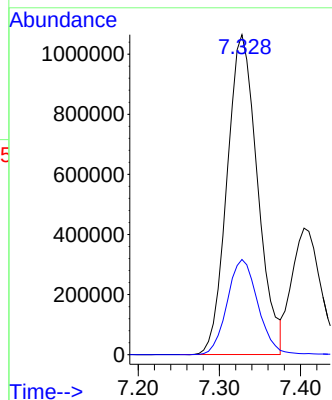
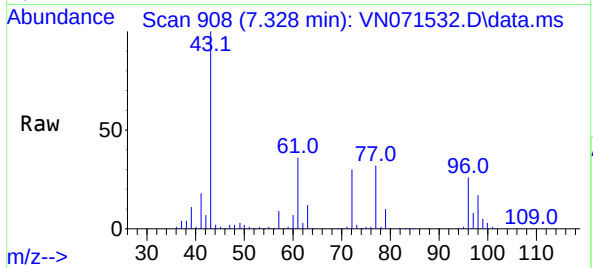
#25
2-Butanone
Concen: 519.409 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 2782900
Ion Ratio Lower Upper
43 100
72 29.7 23.7 35.5

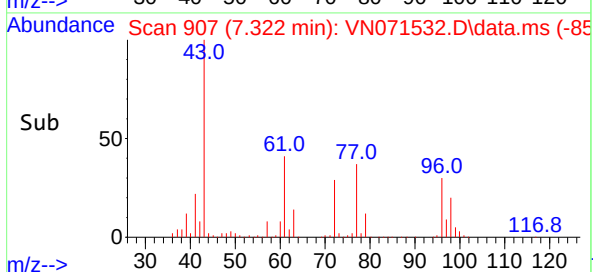
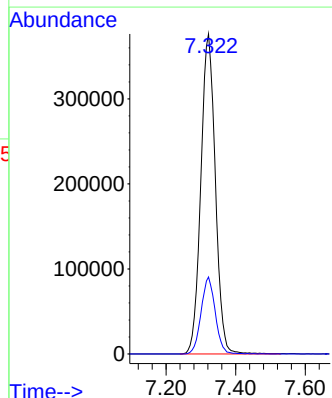
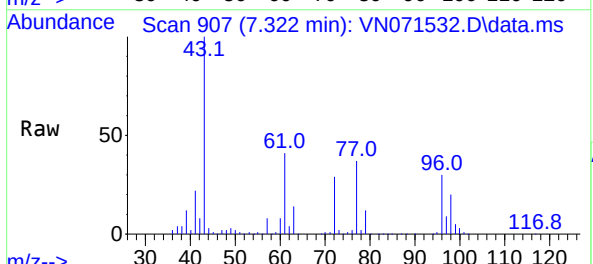
Manual Integrations
APPROVED

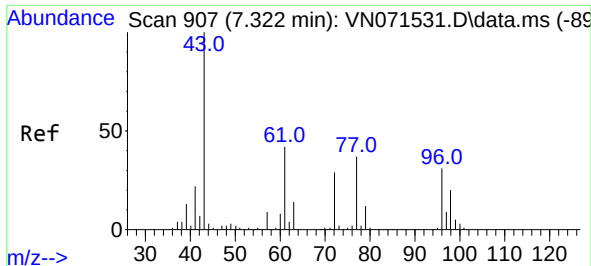
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#26
2,2-Dichloropropane
Concen: 101.789 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

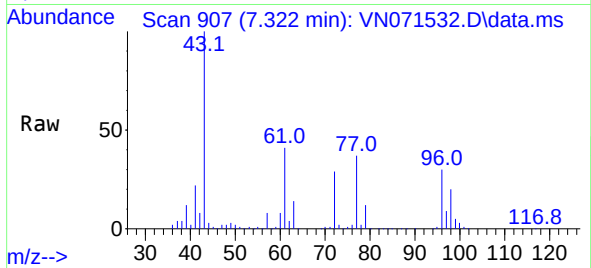
Tgt Ion: 77 Resp: 1088894
Ion Ratio Lower Upper
77 100
97 23.4 11.4 34.2





#27
cis-1,2-Dichloroethene
Concen: 106.759 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

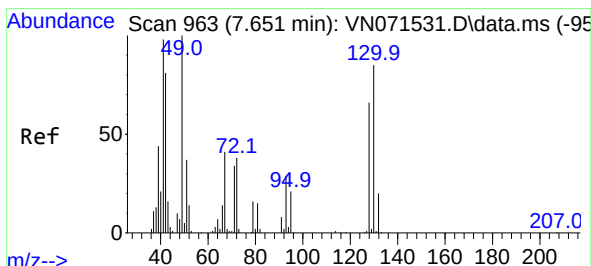
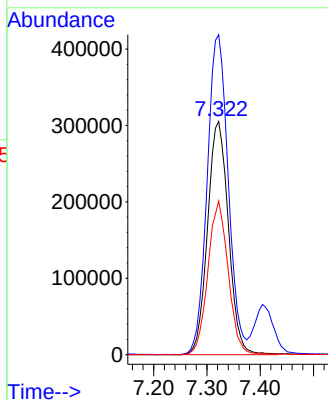
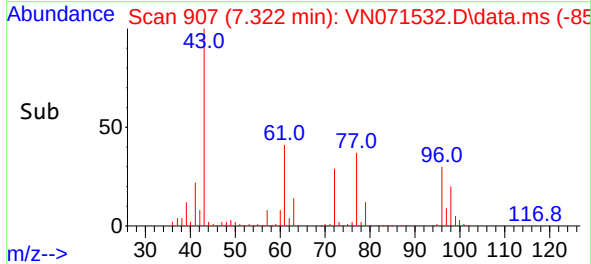
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



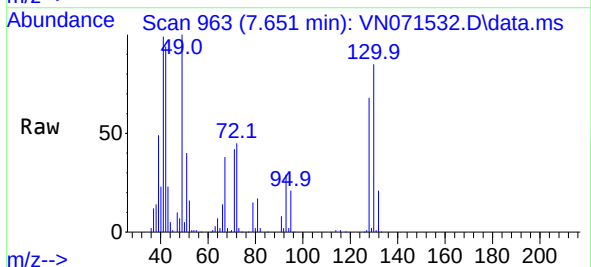
Tgt Ion: 96 Resp: 833359
Ion Ratio Lower Upper
96 100
61 138.3 0.0 280.6
98 63.9 0.0 128.4

Manual Integrations
APPROVED

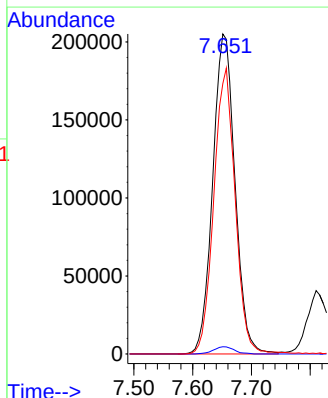
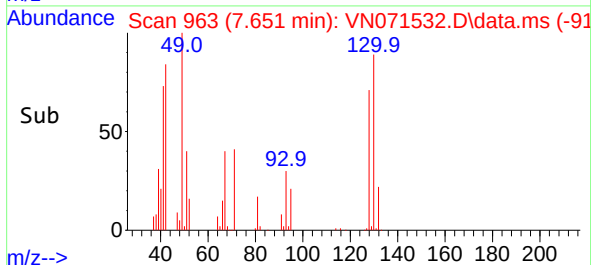
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

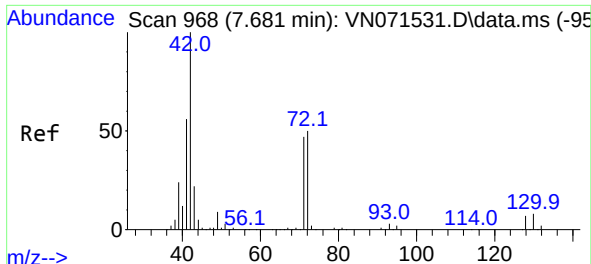


#28
Bromochloromethane
Concen: 104.043 ug/l
RT: 7.651 min Scan# 963
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46



Tgt Ion: 49 Resp: 539539
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.6
130 85.8 69.7 104.5





#29

Tetrahydrofuran

Concen: 517.566 ug/l

RT: 7.675 min Scan# 90

Delta R.T. -0.006 min

Lab File: VN071532.D

Acq: 24 Mar 2022 20:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 1809074

Ion Ratio Lower Upper

42 100

72 49.5 39.7 59.5

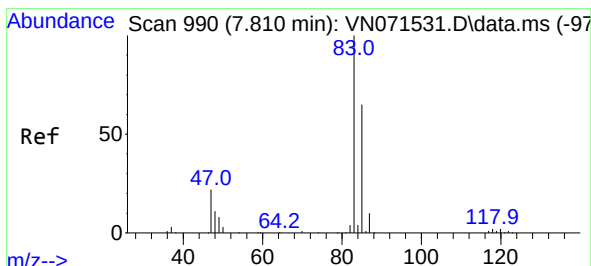
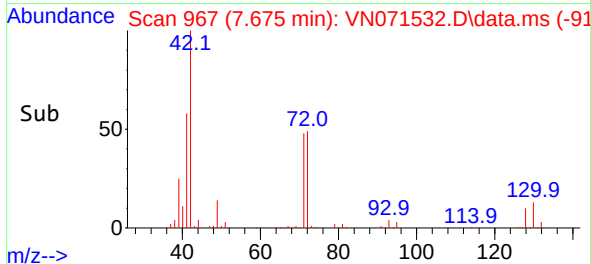
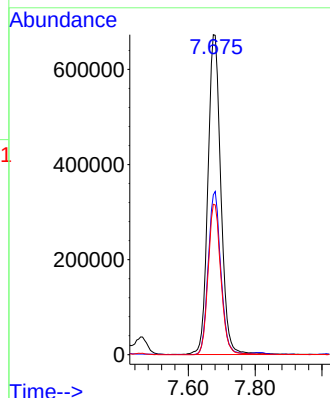
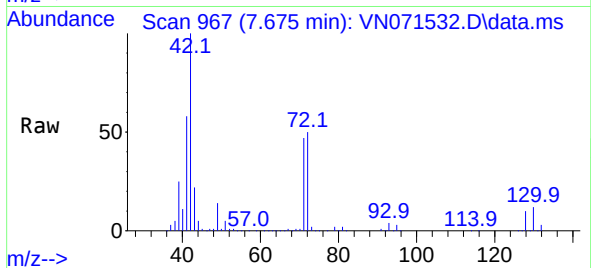
71 46.2 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/28/2022



#30

Chloroform

Concen: 101.956 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.006 min

Lab File: VN071532.D

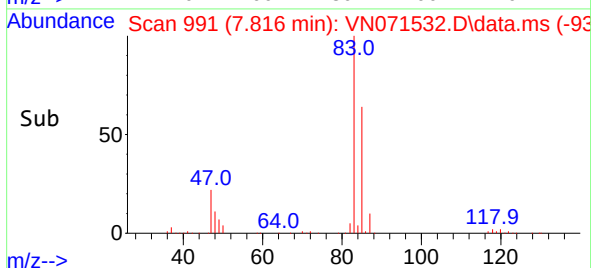
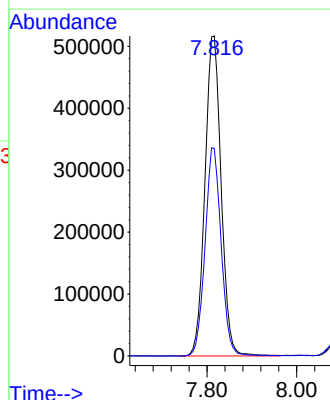
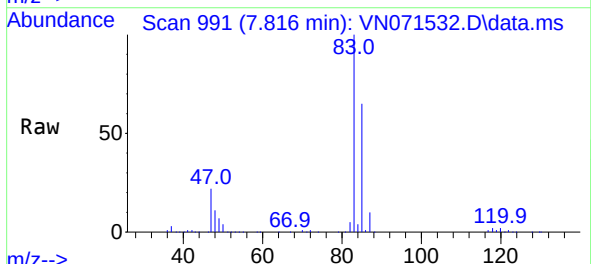
Acq: 24 Mar 2022 20:46

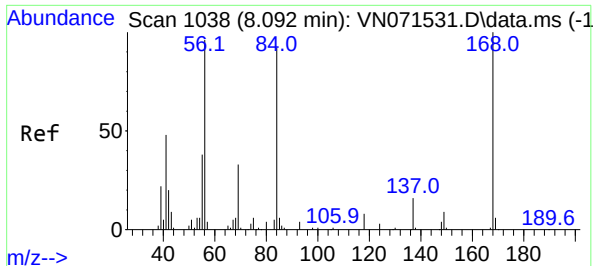
Tgt Ion: 83 Resp: 1296164

Ion Ratio Lower Upper

83 100

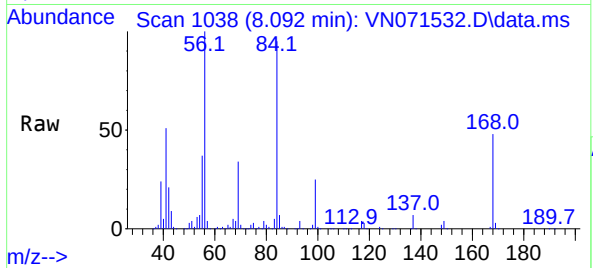
85 64.8 51.8 77.8





#31
Cyclohexane
Concen: 92.492 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

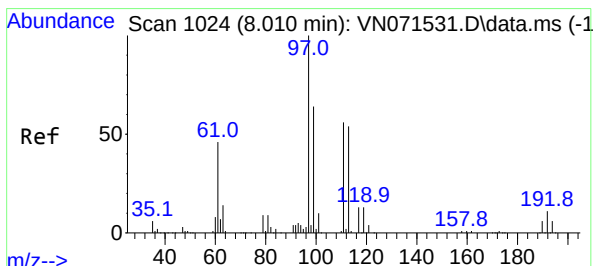
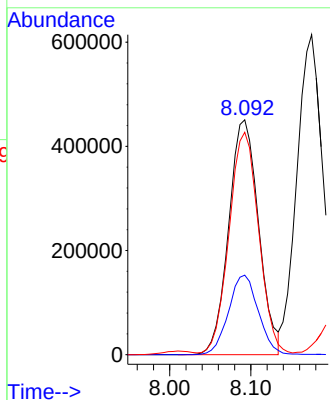
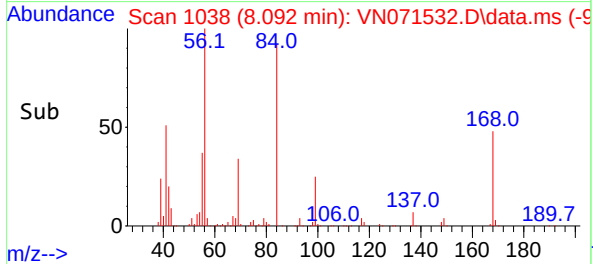
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



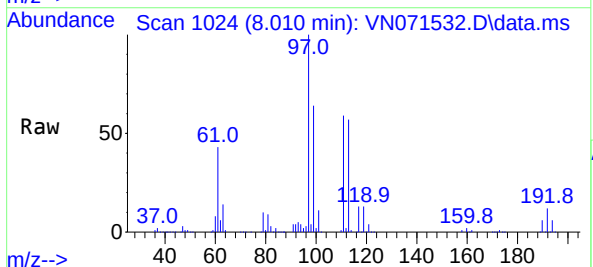
Tgt Ion: 56 Resp: 1155024
Ion Ratio Lower Upper
56 100
69 33.9 27.8 41.8
84 93.1 76.9 115.3

Manual Integrations
APPROVED

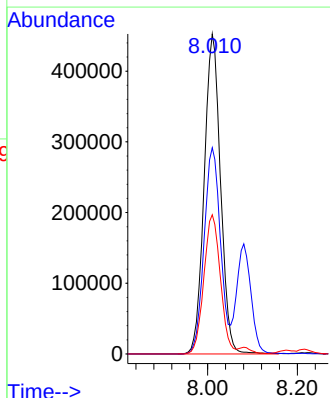
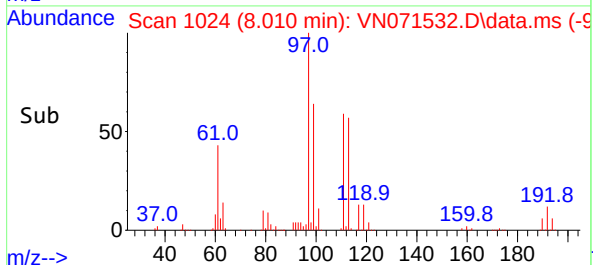
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

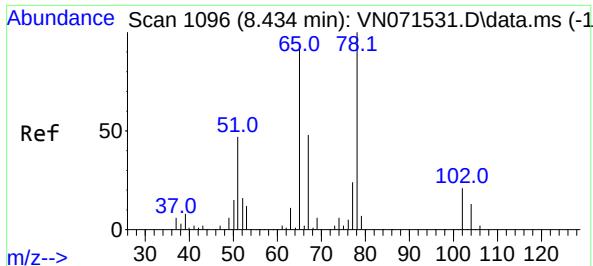


#32
1,1,1-Trichloroethane
Concen: 104.380 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46



Tgt Ion: 97 Resp: 1144093
Ion Ratio Lower Upper
97 100
99 65.1 50.6 76.0
61 44.0 36.0 54.0





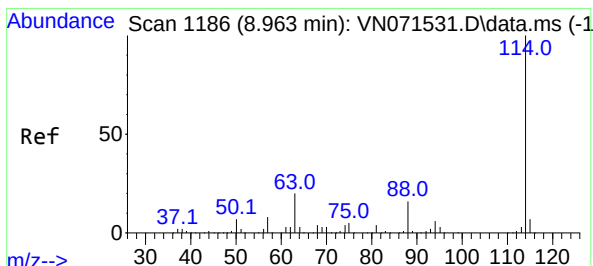
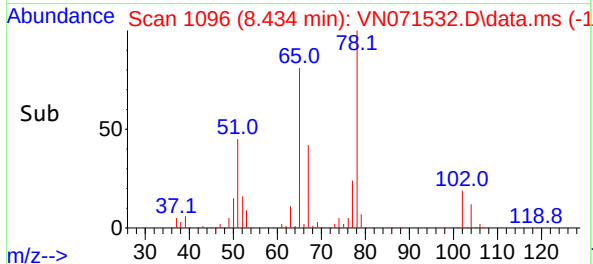
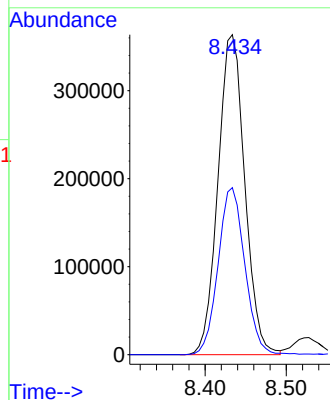
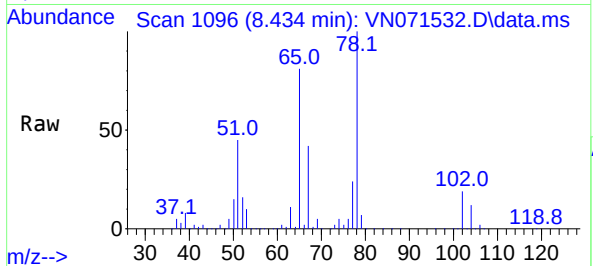
#33
1,2-Dichloroethane-d4
Concen: 112.717 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 65 Resp: 83488
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.8

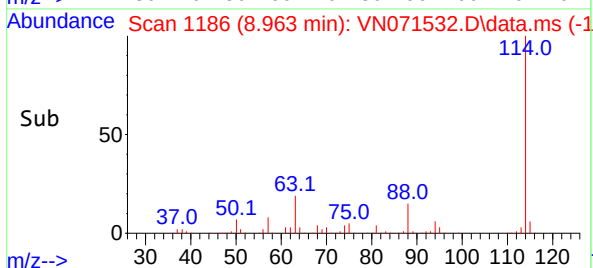
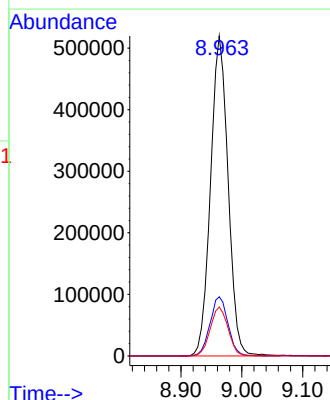
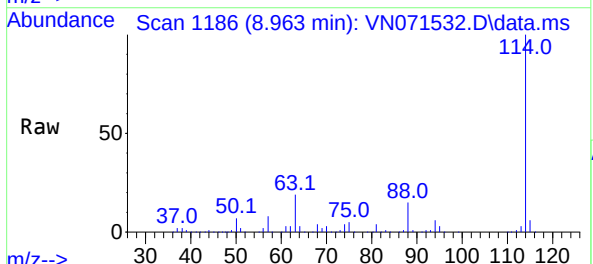
Manual Integrations
APPROVED

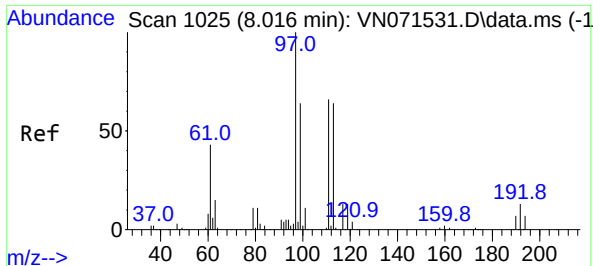
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

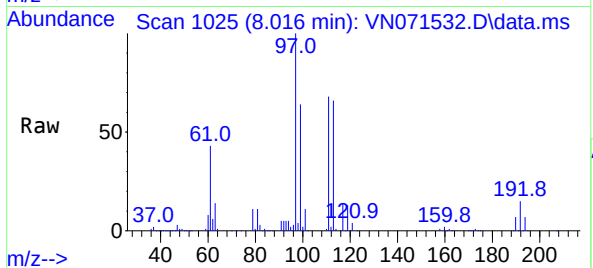
Tgt Ion:114 Resp: 1039585
Ion Ratio Lower Upper
114 100
63 18.5 0.0 40.0
88 15.3 0.0 32.6





#35
Dibromofluoromethane
Concen: 110.818 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

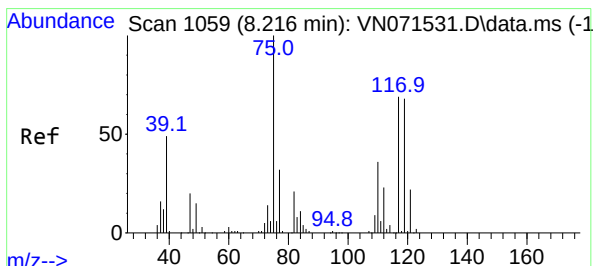
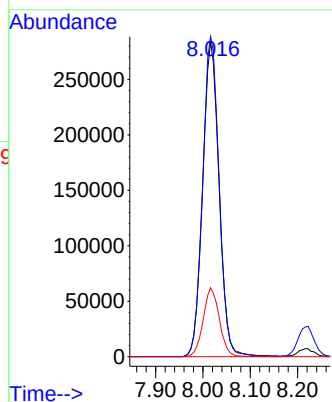
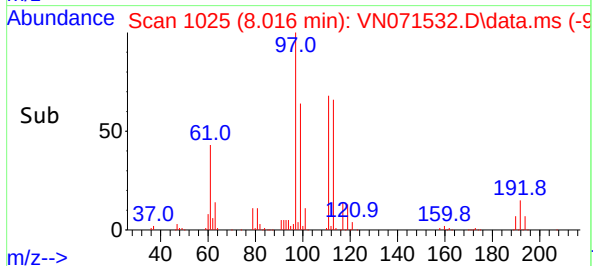
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



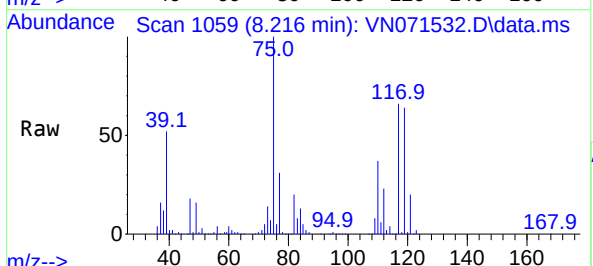
Tgt Ion:113 Resp: 681540
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 21.5 17.0 25.6

Manual Integrations
APPROVED

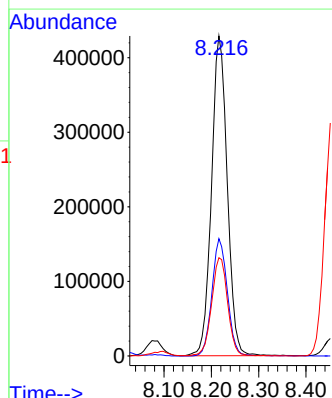
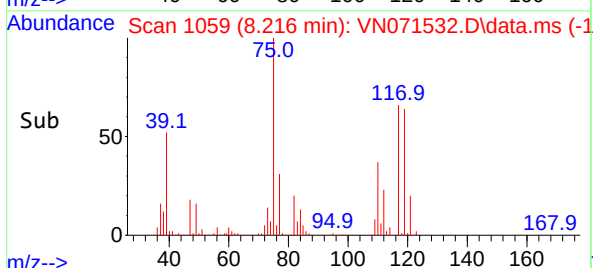
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

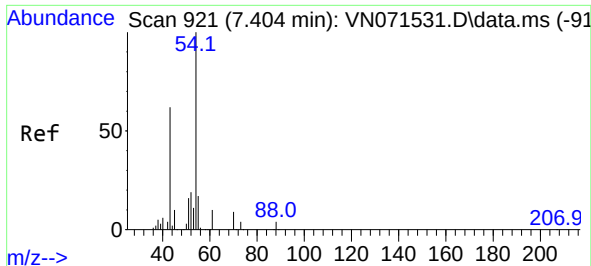


#36
1,1-Dichloropropene
Concen: 99.116 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46



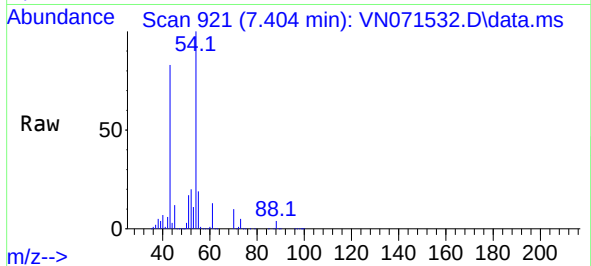
Tgt Ion: 75 Resp: 990568
Ion Ratio Lower Upper
75 100
110 36.0 18.3 54.8
77 31.4 25.1 37.7





#37
Ethyl Acetate
Concen: 100.332 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

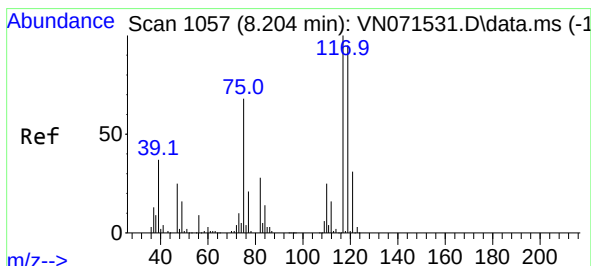
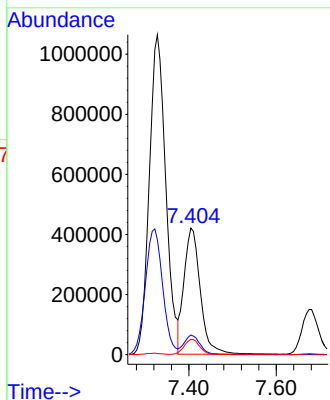
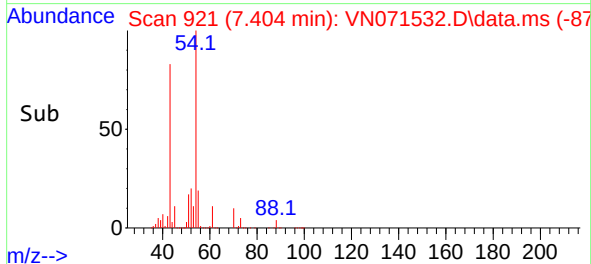
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 108189
Ion Ratio Lower Upper
43 100
61 15.2 11.8 17.6
70 11.6 9.3 13.9

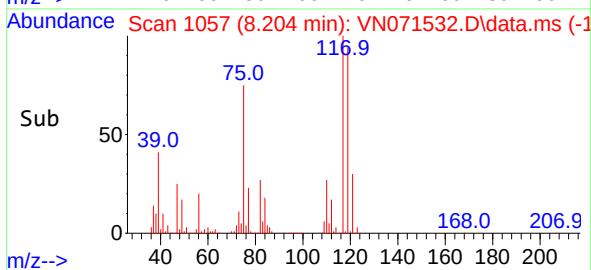
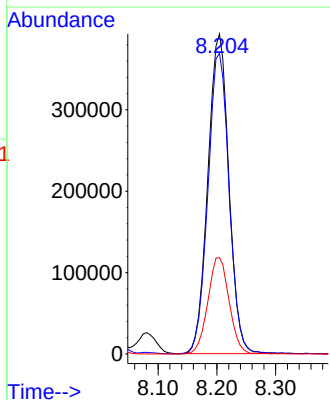
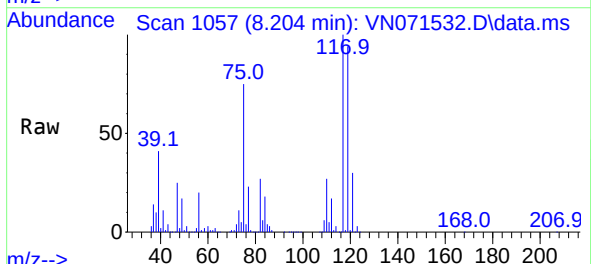
Manual Integrations
APPROVED

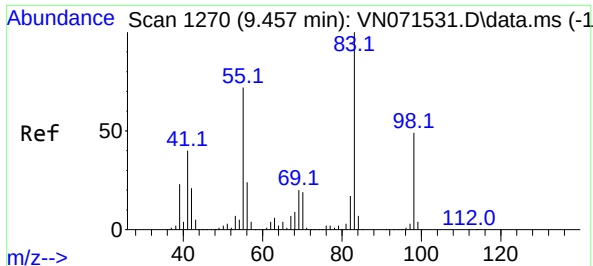
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#38
Carbon Tetrachloride
Concen: 99.006 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

Tgt Ion:117 Resp: 973730
Ion Ratio Lower Upper
117 100
119 94.1 75.8 113.8
121 30.1 24.6 37.0





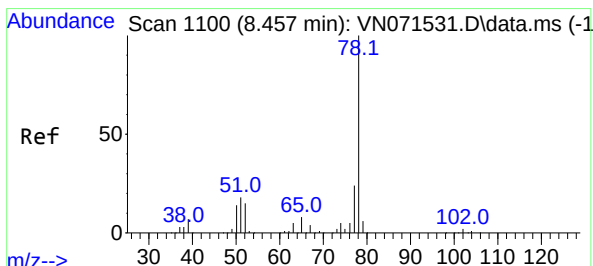
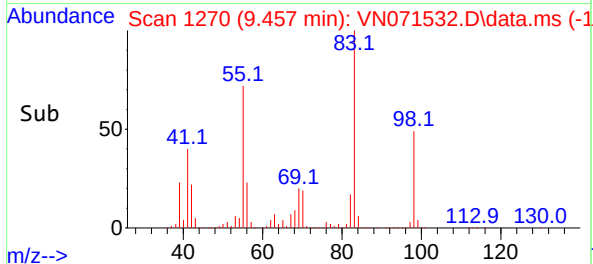
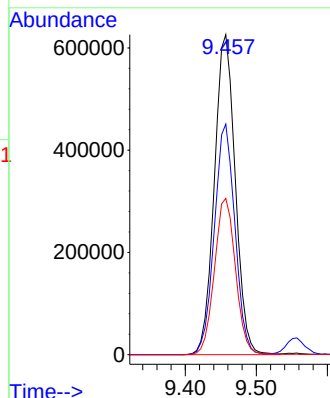
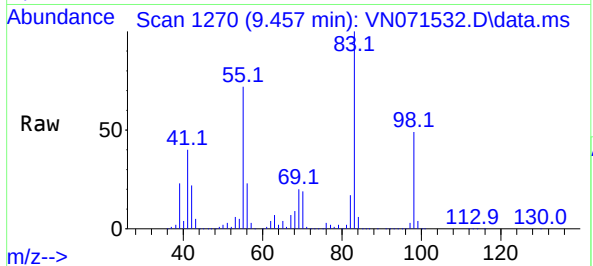
#39
Methylcyclohexane
Concen: 99.622 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 127743
Ion Ratio Lower Upper
83 100
55 72.1 57.8 86.8
98 48.8 39.4 59.2

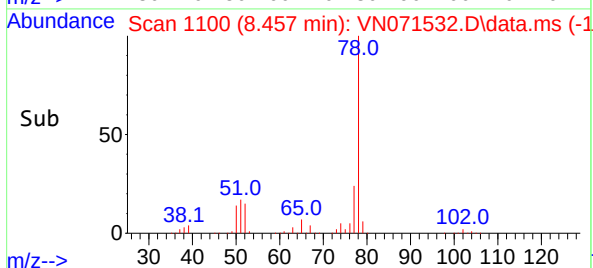
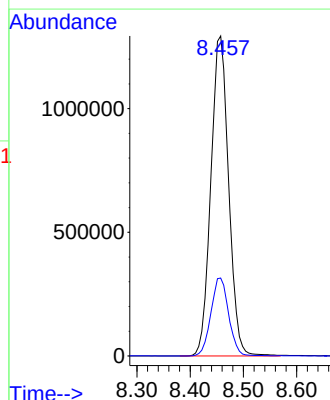
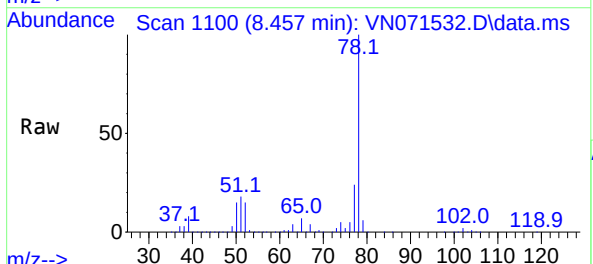
Manual Integrations
APPROVED

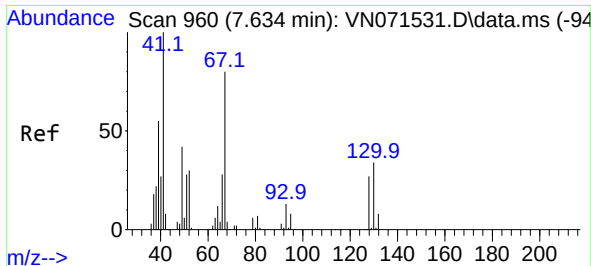
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#40
Benzene
Concen: 100.787 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

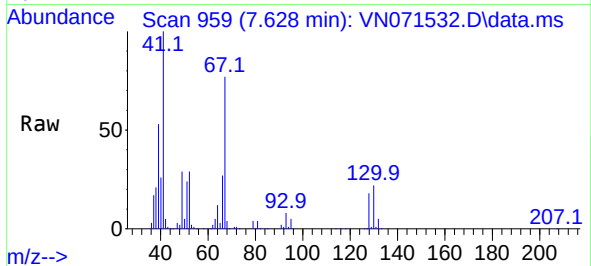
Tgt Ion: 78 Resp: 3000481
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0





#41
Methacrylonitrile
Concen: 96.678 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

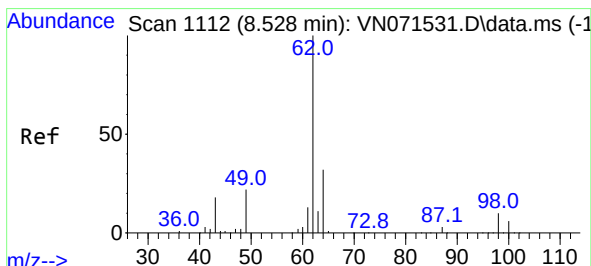
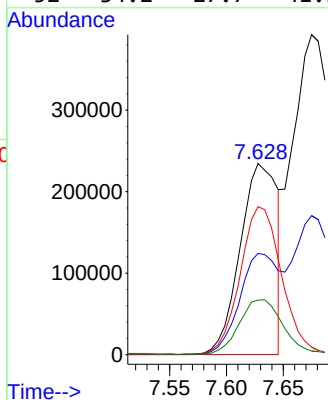
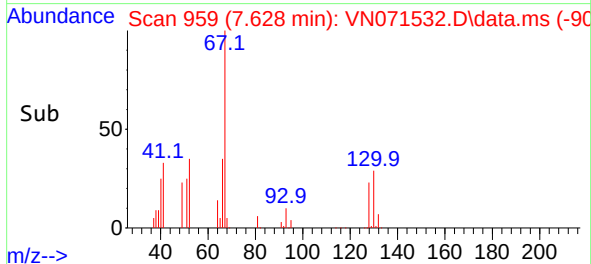
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 531708
Ion Ratio Lower Upper
41 100
39 60.1 48.6 73.0
67 87.6 73.4 110.2
52 34.2 27.7 41.5

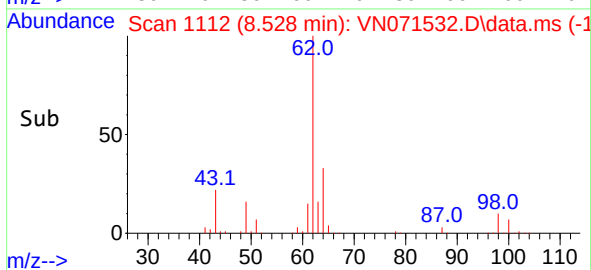
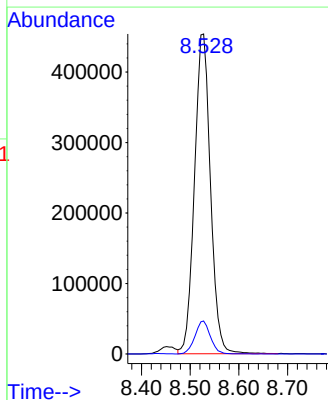
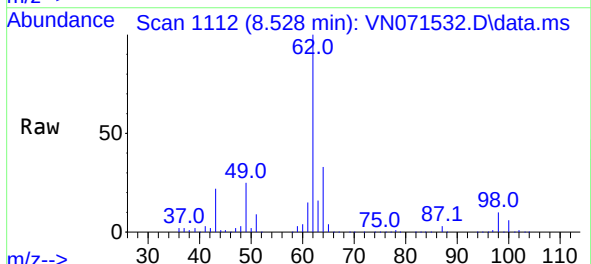
Manual Integrations
APPROVED

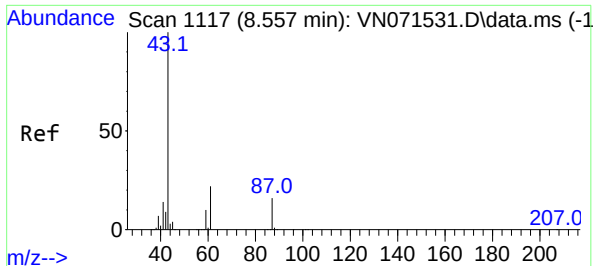
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#42
1,2-Dichloroethane
Concen: 101.695 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

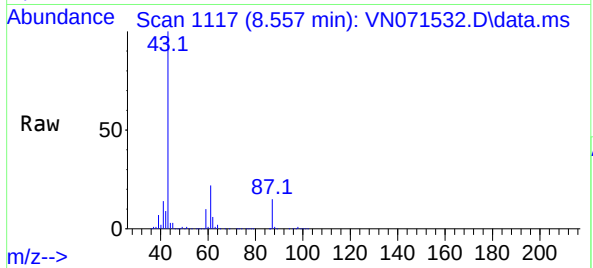
Tgt Ion: 62 Resp: 1037274
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.4





#43
Isopropyl Acetate
Concen: 102.228 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

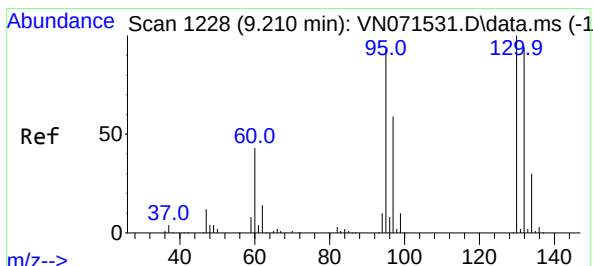
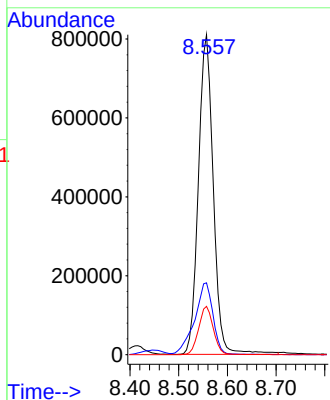
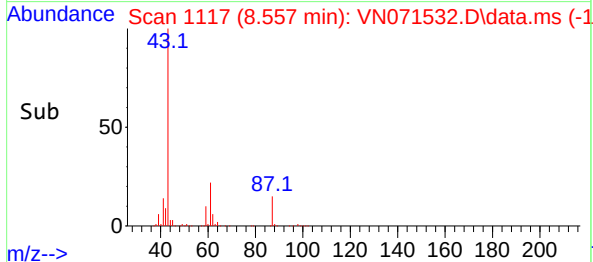
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 172360
Ion Ratio Lower Upper
43 100
61 27.4 21.9 32.9
87 14.9 12.0 18.0

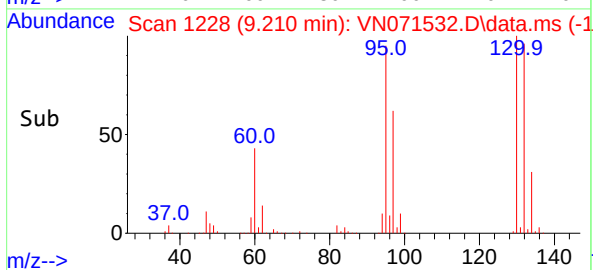
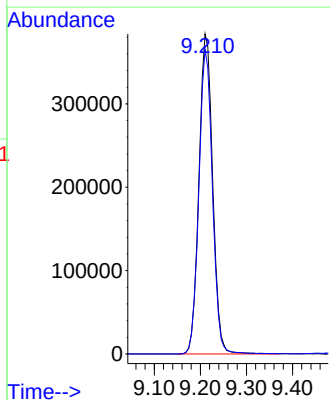
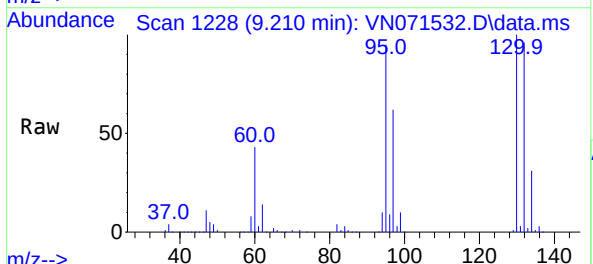
Manual Integrations
APPROVED

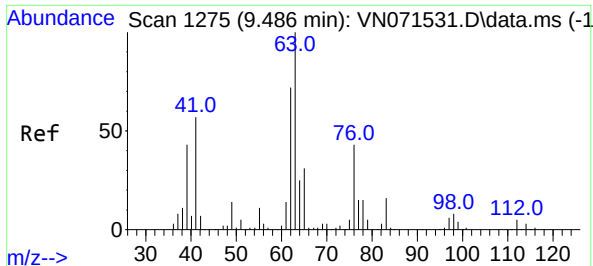
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#44
Trichloroethene
Concen: 101.971 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

Tgt Ion:130 Resp: 798440
Ion Ratio Lower Upper
130 100
95 95.1 0.0 186.8





#45

1,2-Dichloropropane

Concen: 98.968 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN071532.D

Acq: 24 Mar 2022 20:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 75003

Ion Ratio Lower Upper

63 100

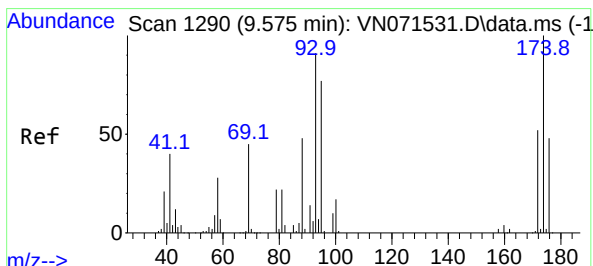
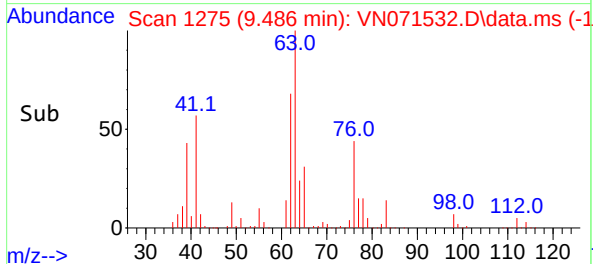
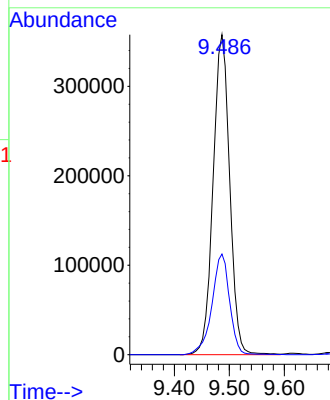
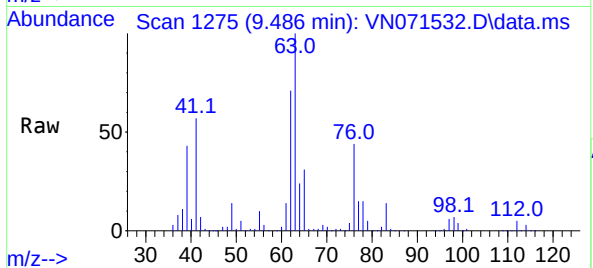
65 31.4 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/28/2022



#46

Dibromomethane

Concen: 101.608 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VN071532.D

Acq: 24 Mar 2022 20:46

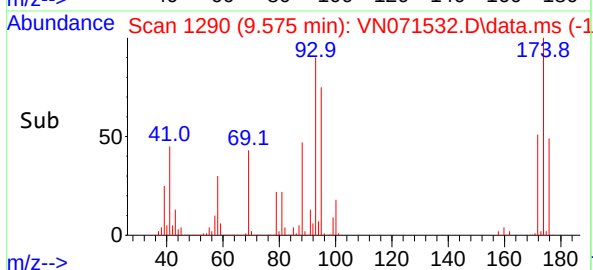
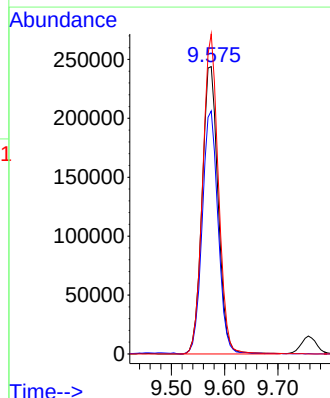
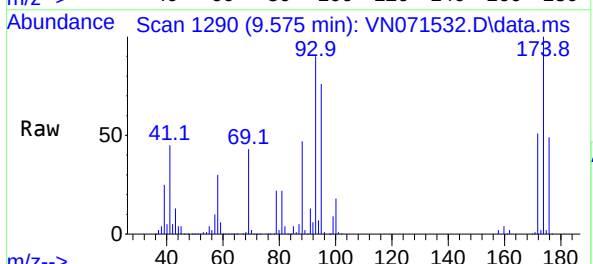
Tgt Ion: 93 Resp: 509759

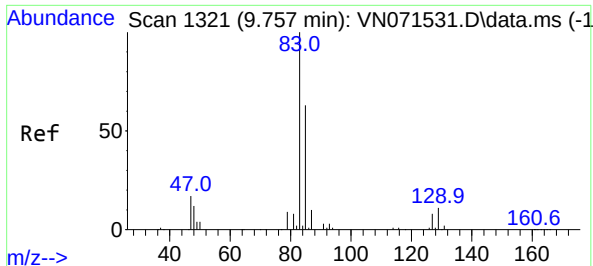
Ion Ratio Lower Upper

93 100

95 83.8 66.9 100.3

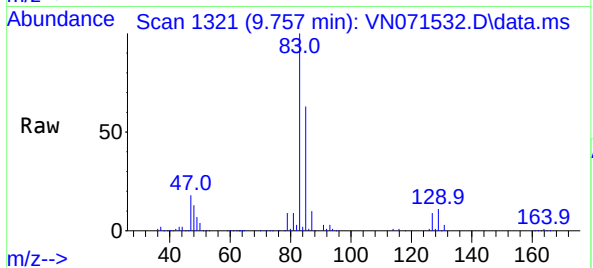
174 108.9 86.6 130.0





#47
Bromodichloromethane
Concen: 102.334 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

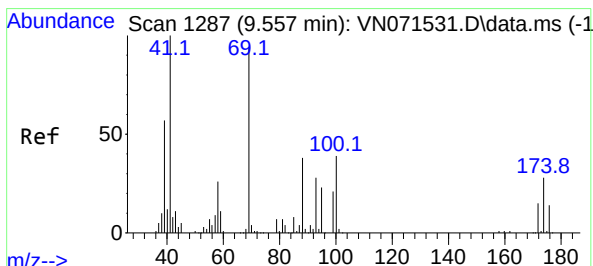
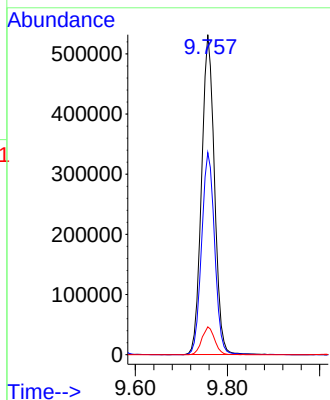
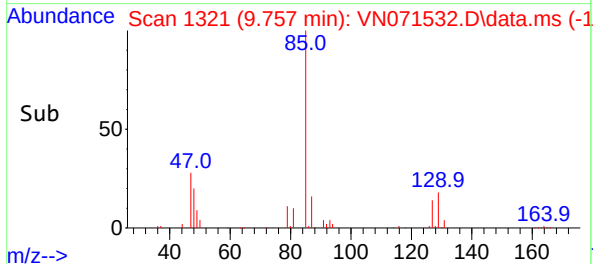
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



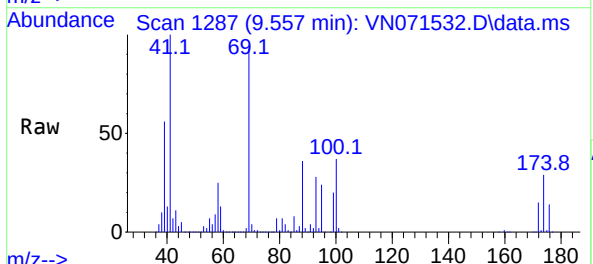
Tgt Ion: 83 Resp: 1037223
Ion Ratio Lower Upper
83 100
85 63.2 50.5 75.7
127 8.7 6.8 10.2

Manual Integrations
APPROVED

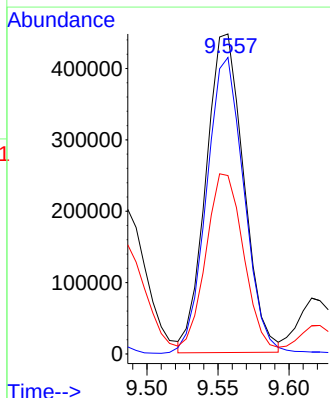
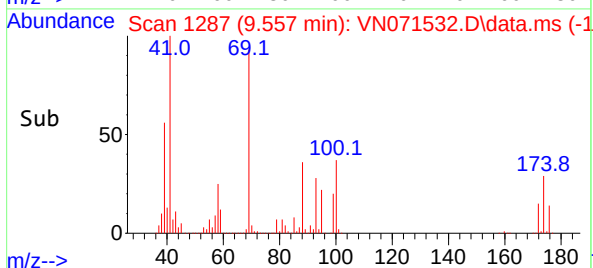
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

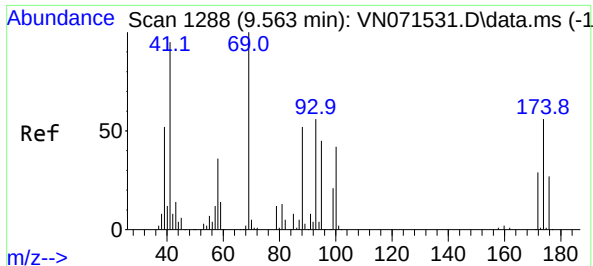


#48
Methyl methacrylate
Concen: 103.712 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46



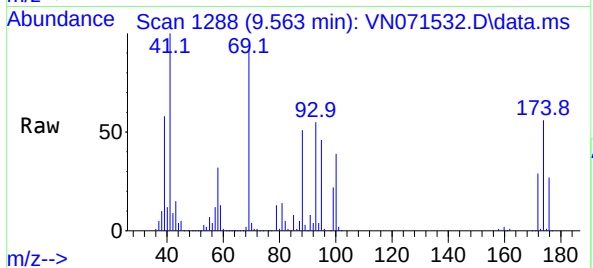
Tgt Ion: 41 Resp: 827063
Ion Ratio Lower Upper
41 100
69 92.5 74.7 112.1
39 57.0 45.6 68.4





#49
1,4-Dioxane
Concen: 2509.455 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

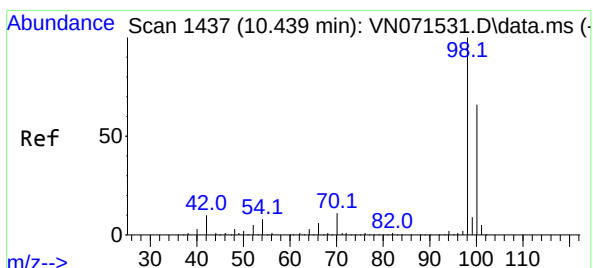
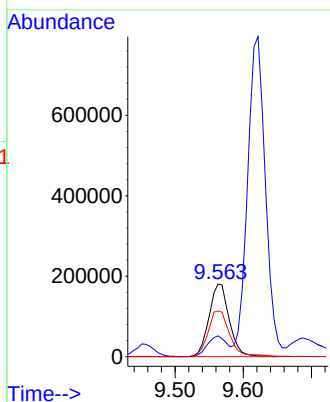
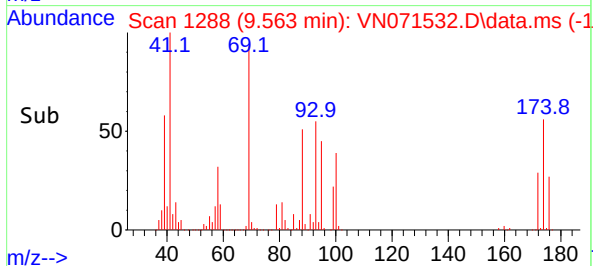
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 88 Resp: 373350
Ion Ratio Lower Upper
88 100
43 26.8 20.2 30.4
58 67.2 54.2 81.4

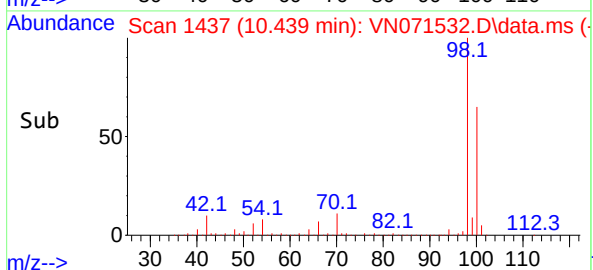
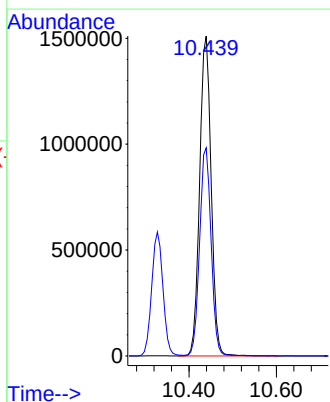
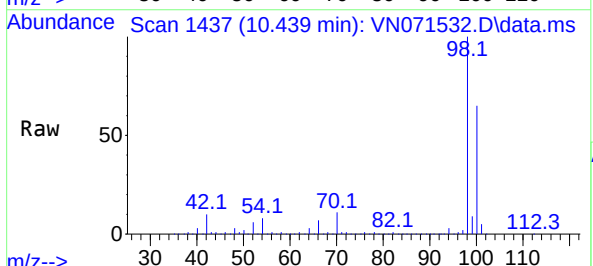
Manual Integrations
APPROVED

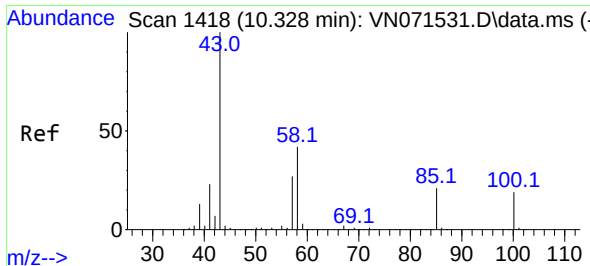
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#50
Toluene-d8
Concen: 112.115 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

Tgt Ion: 98 Resp: 2769213
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8





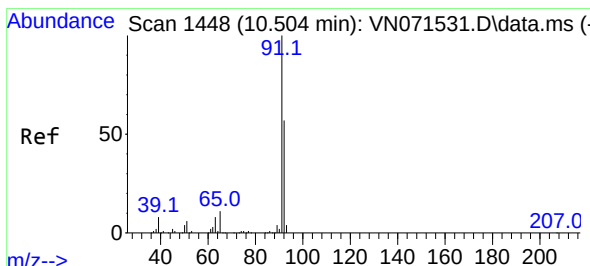
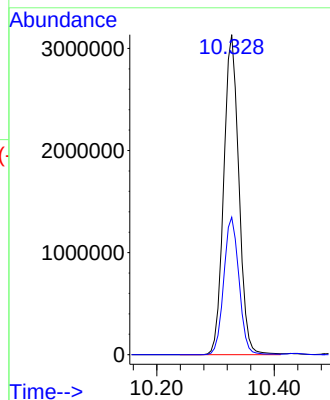
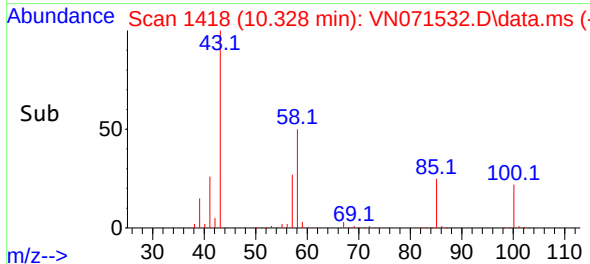
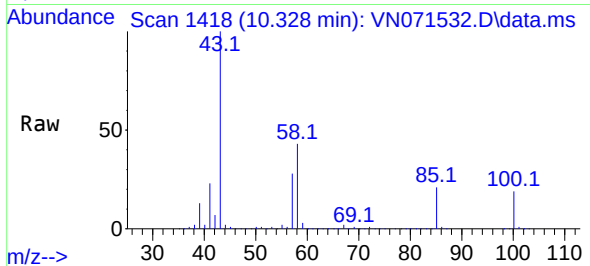
#51
4-Methyl-2-Pentanone
Concen: 539.943 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 5596800
Ion Ratio Lower Upper
43 100
58 43.2 34.1 51.1

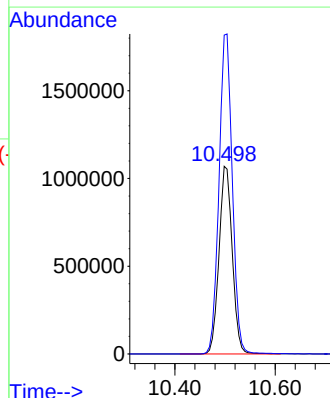
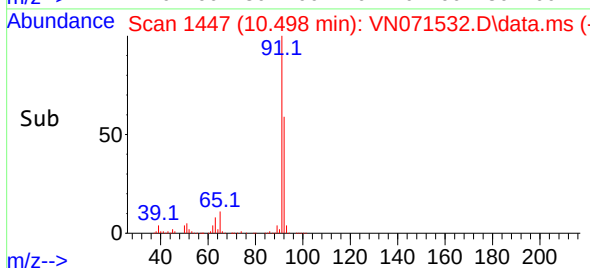
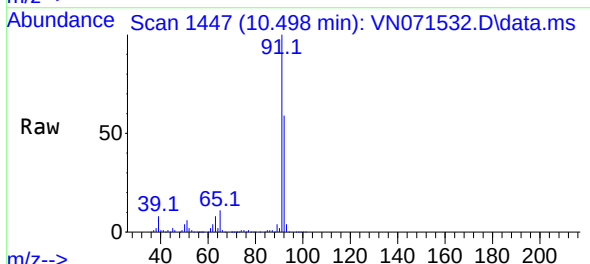
Manual Integrations
APPROVED

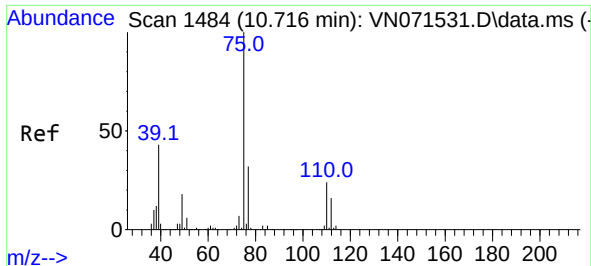
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#52
Toluene
Concen: 104.578 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

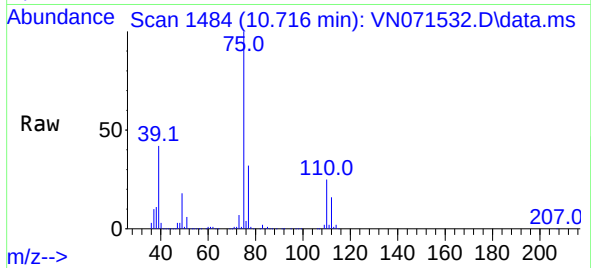
Tgt Ion: 92 Resp: 1954655
Ion Ratio Lower Upper
92 100
91 172.0 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 106.996 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

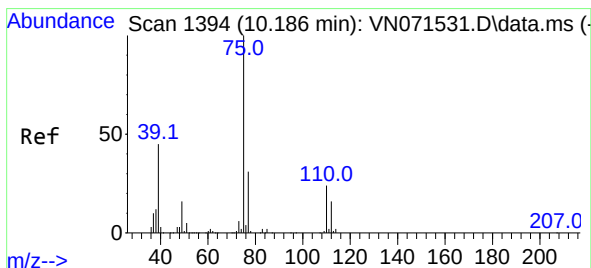
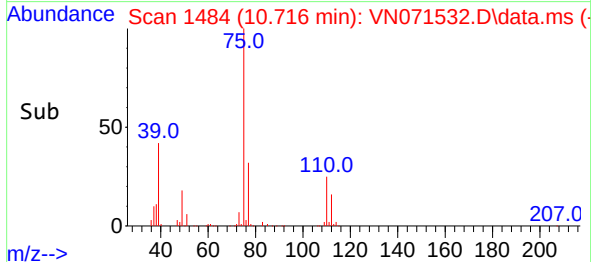
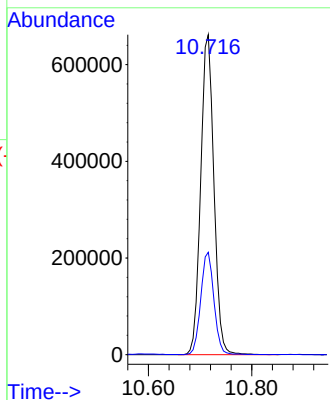
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 1173609
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4

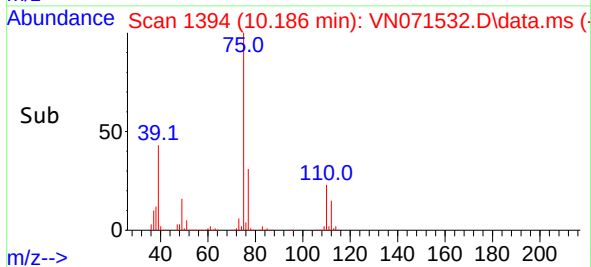
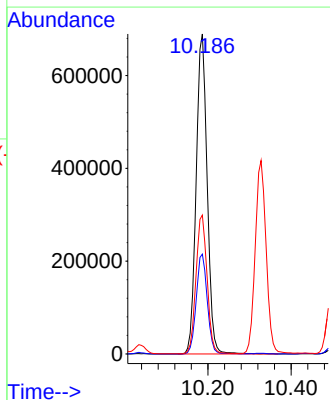
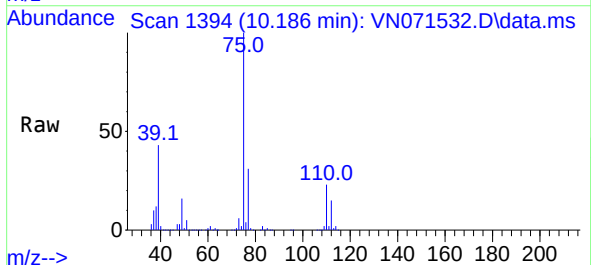
Manual Integrations
APPROVED

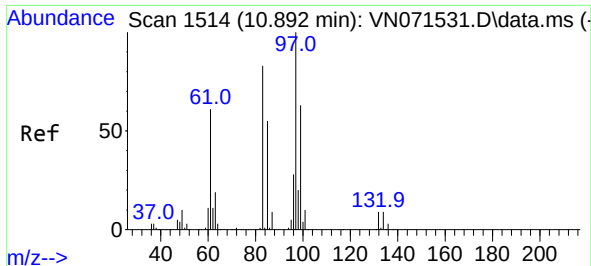
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#54
cis-1,3-Dichloropropene
Concen: 105.402 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

Tgt Ion: 75 Resp: 1268314
Ion Ratio Lower Upper
75 100
77 31.2 25.2 37.8
39 43.3 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 104.162 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

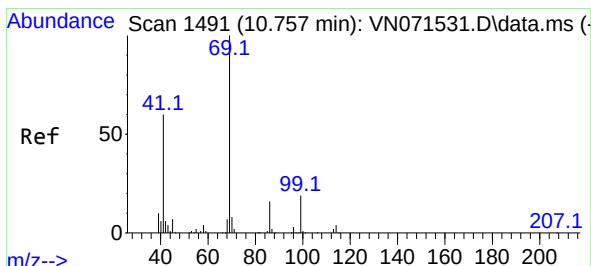
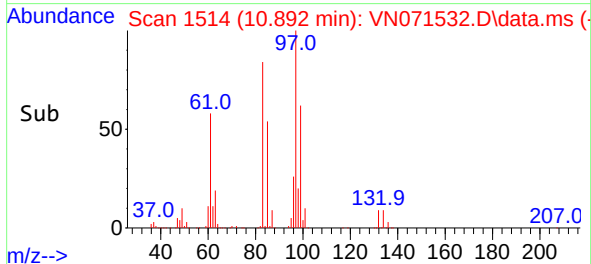
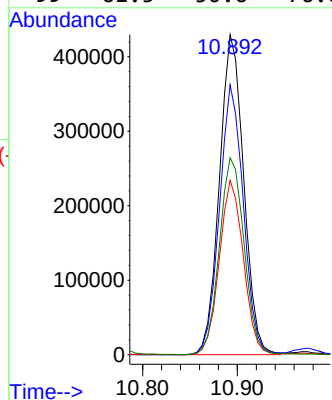
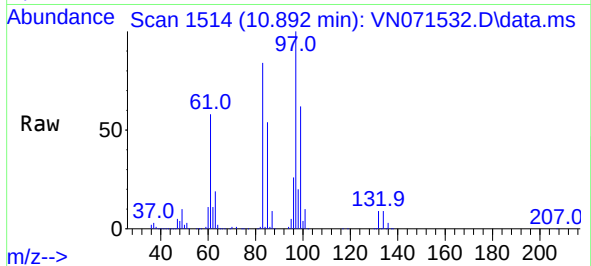
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 97 Resp: 76481

Ion	Ratio	Lower	Upper
97	100		
83	84.4	66.2	99.4
85	54.5	43.9	65.9
99	61.5	50.6	76.0

Manual Integrations
APPROVED

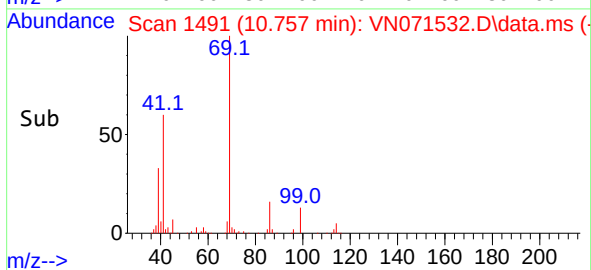
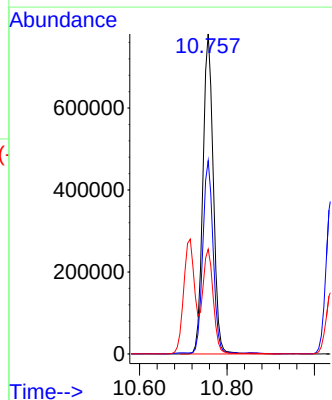
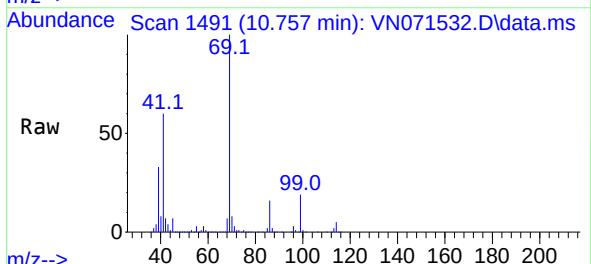
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

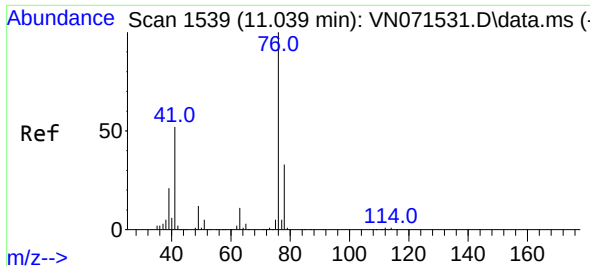


#56
Ethyl methacrylate
Concen: 116.754 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

Tgt Ion: 69 Resp: 1292054

Ion	Ratio	Lower	Upper
69	100		
41	59.7	47.8	71.6
39	33.2	27.3	40.9





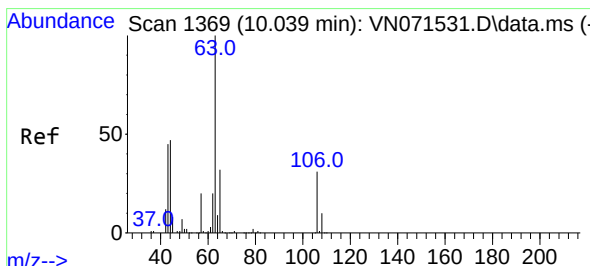
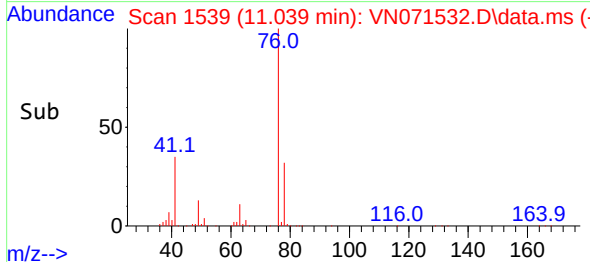
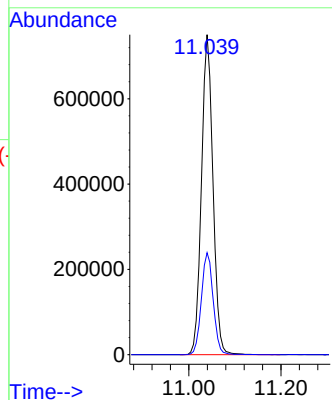
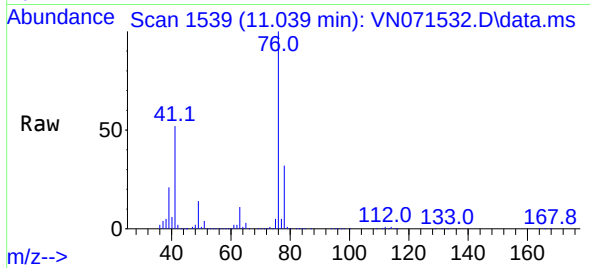
#57
1,3-Dichloropropane
Concen: 103.037 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 1303459
Ion Ratio Lower Upper
76 100
78 32.7 26.2 39.2

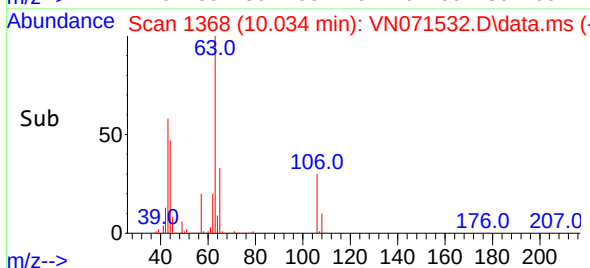
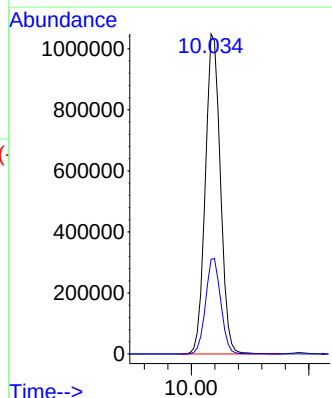
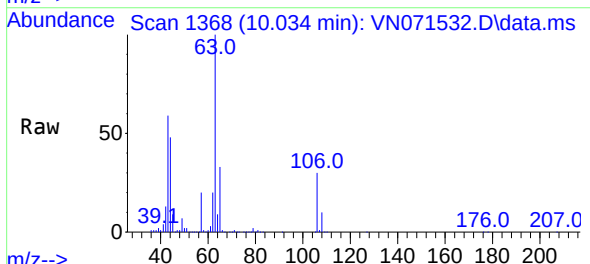
Manual Integrations
APPROVED

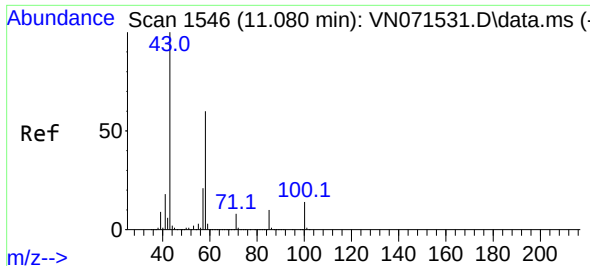
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#58
2-Chloroethyl Vinyl ether
Concen: 894.857 ug/l
RT: 10.034 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

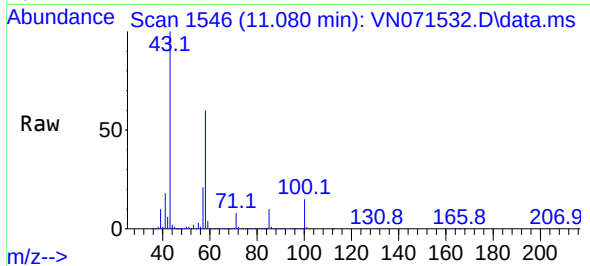
Tgt Ion: 63 Resp: 1866875
Ion Ratio Lower Upper
63 100
106 30.1 24.6 36.8





#59
2-Hexanone
Concen: 570.171 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

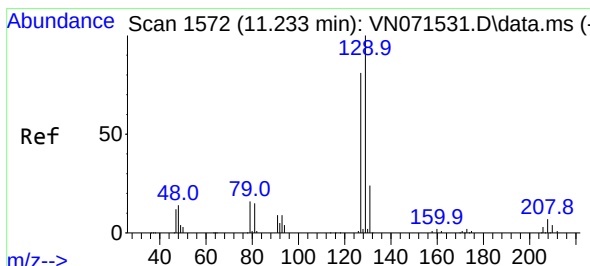
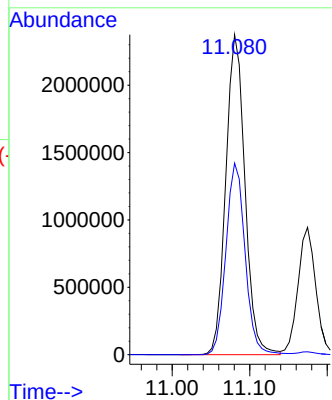
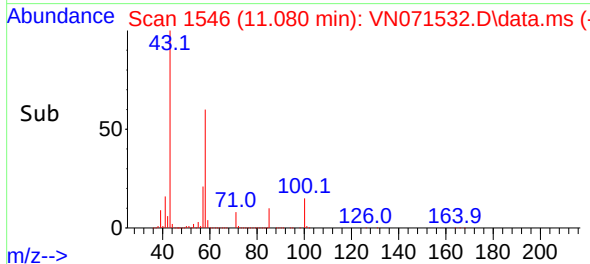
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 408532
Ion Ratio Lower Upper
43 100
58 59.9 29.7 89.1

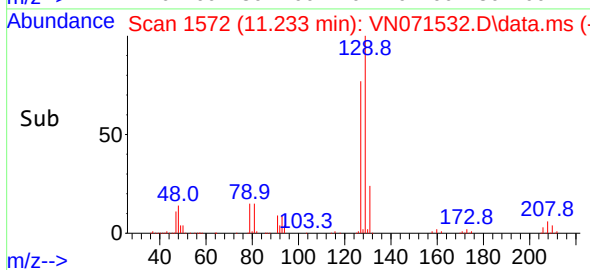
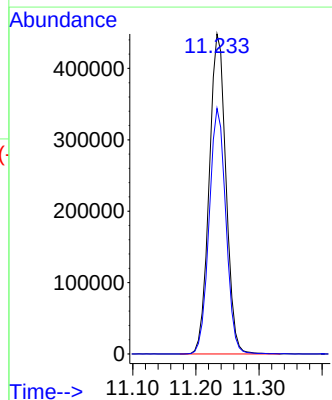
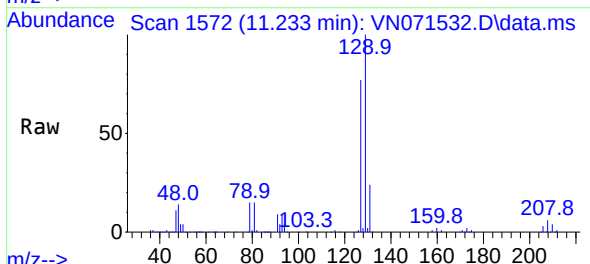
Manual Integrations
APPROVED

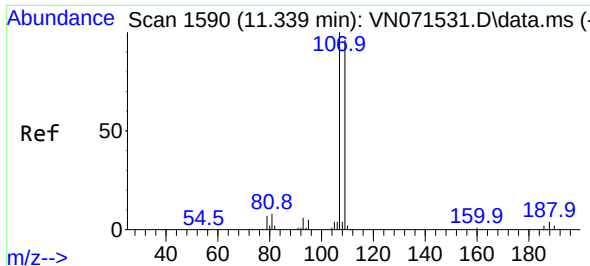
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#60
Dibromochloromethane
Concen: 107.565 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

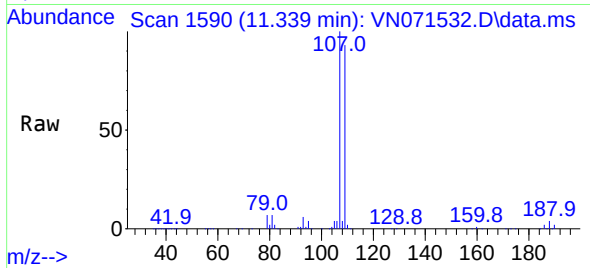
Tgt Ion:129 Resp: 826814
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 107.851 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

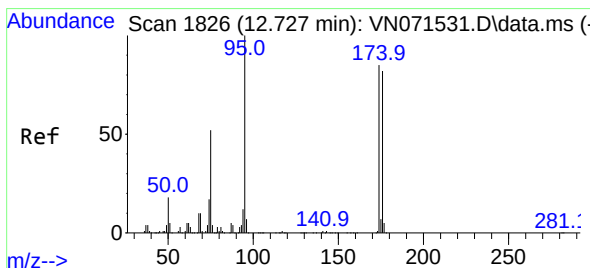
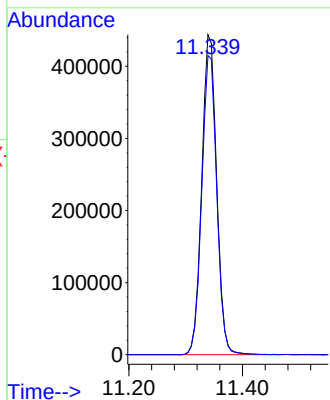
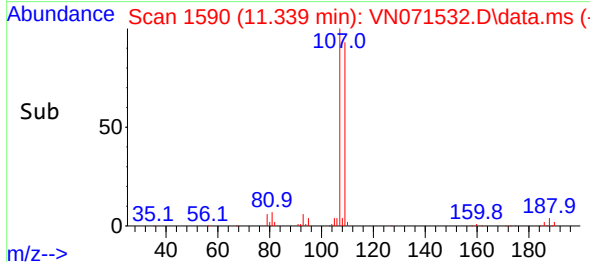
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



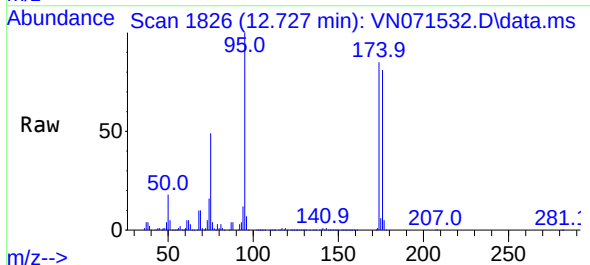
Tgt Ion:107 Resp: 806611
Ion Ratio Lower Upper
107 100
109 93.9 75.0 112.6

Manual Integrations
APPROVED

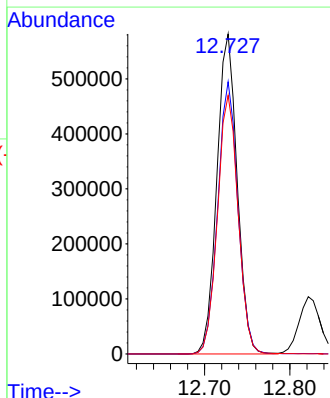
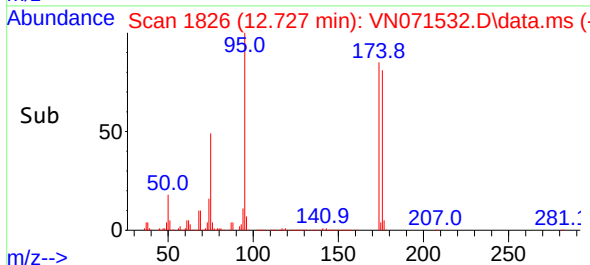
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

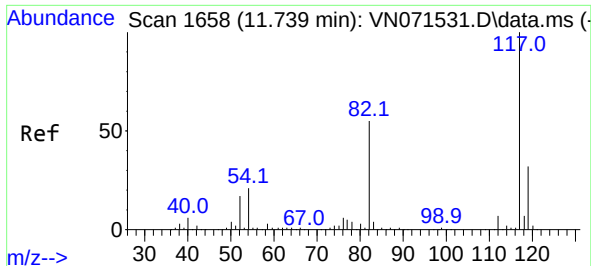


#62
4-Bromofluorobenzene
Concen: 110.525 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46



Tgt Ion: 95 Resp: 960665
Ion Ratio Lower Upper
95 100
174 84.6 0.0 167.6
176 82.0 0.0 163.4





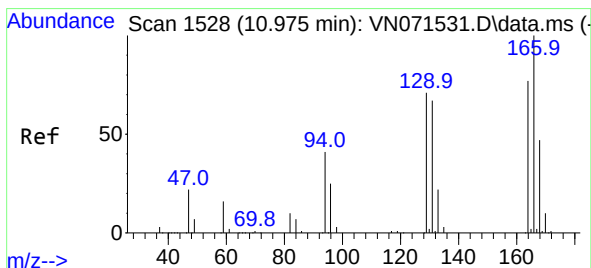
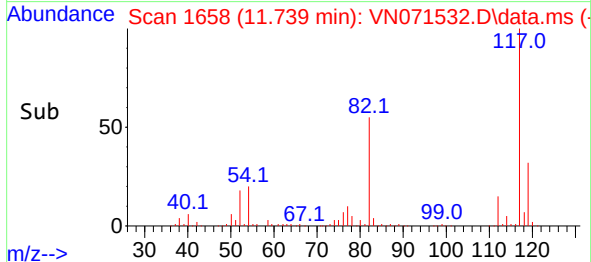
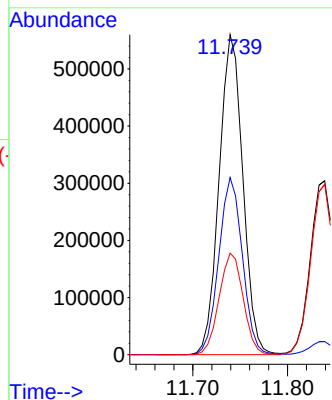
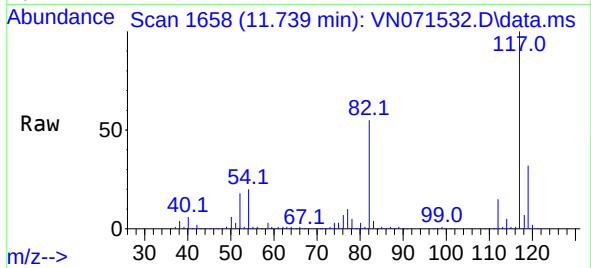
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:117 Resp: 975694
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.2
119 31.7 25.4 38.0

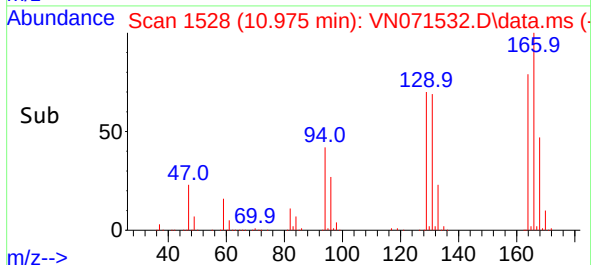
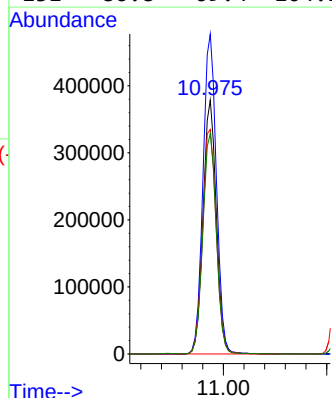
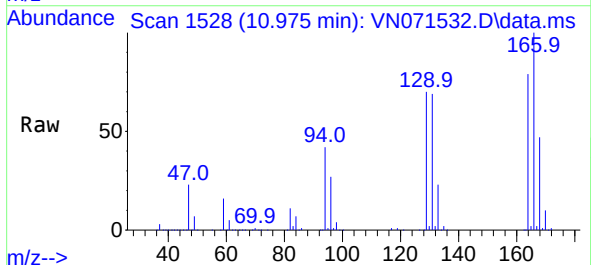
Manual Integrations
APPROVED

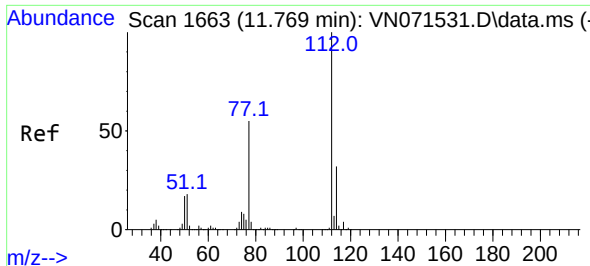
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#64
Tetrachloroethene
Concen: 90.529 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

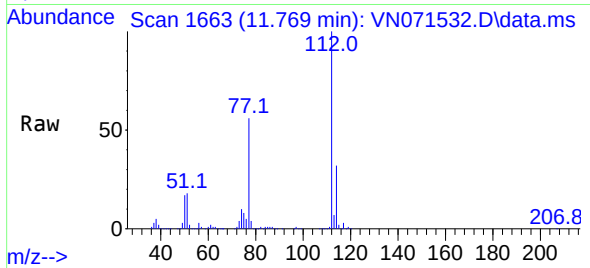
Tgt Ion:164 Resp: 674537
Ion Ratio Lower Upper
164 100
166 126.0 104.2 156.2
129 88.4 73.9 110.9
131 86.8 69.4 104.2





#65
Chlorobenzene
Concen: 101.987 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

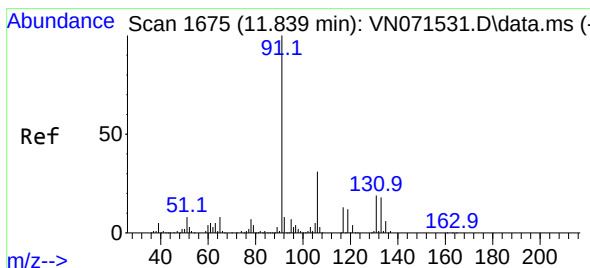
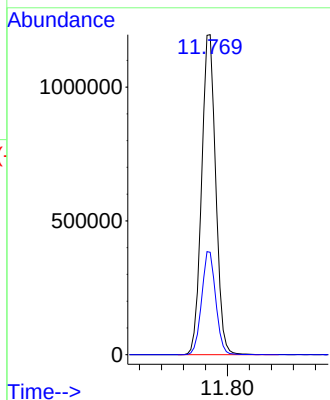
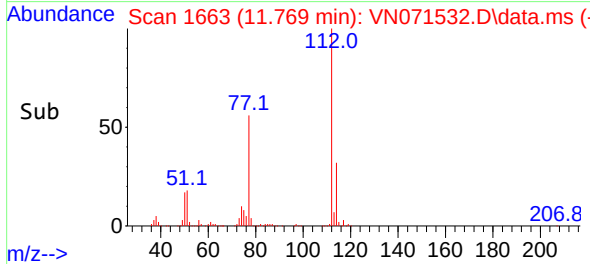
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



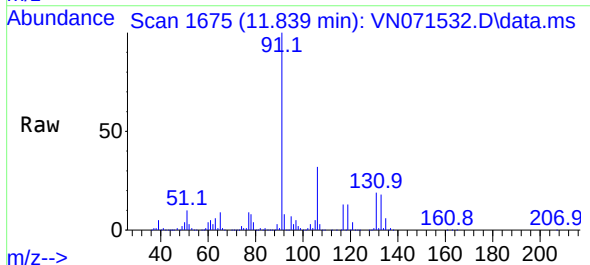
Tgt Ion:112 Resp: 2131220
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2

Manual Integrations
APPROVED

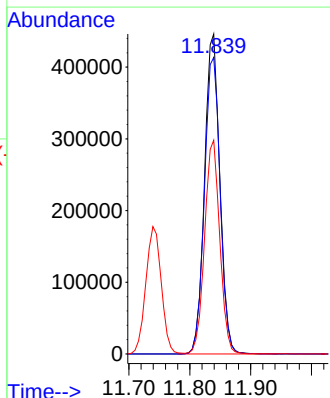
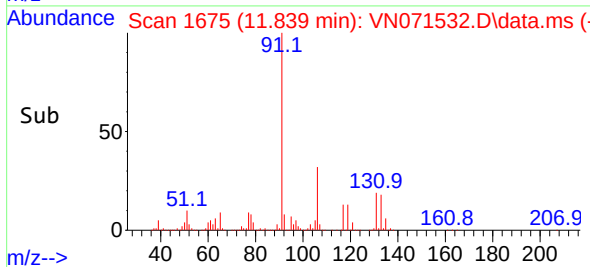
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

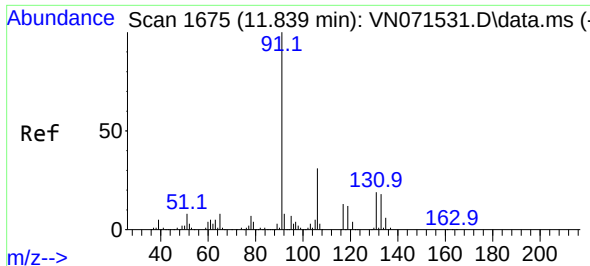


#66
1,1,1,2-Tetrachloroethane
Concen: 102.535 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46



Tgt Ion:131 Resp: 778164
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.4
119 66.1 33.4 100.2





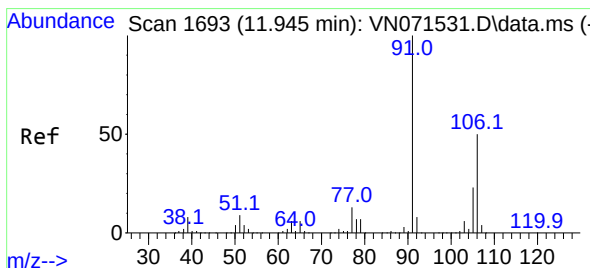
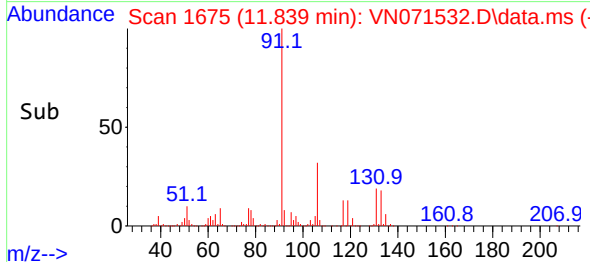
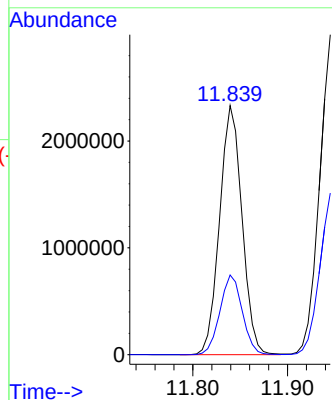
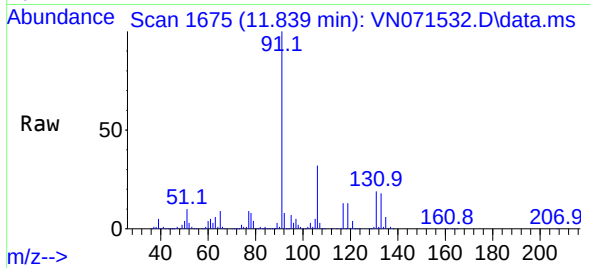
#67
Ethyl Benzene
Concen: 105.162 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 383717
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

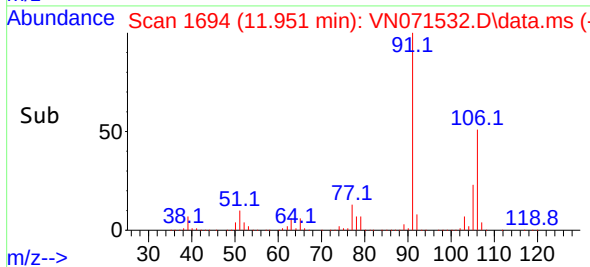
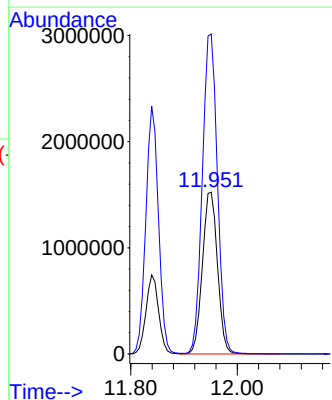
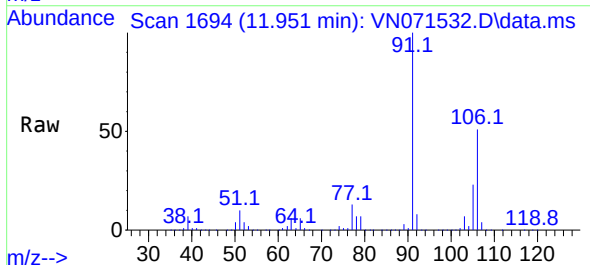
Manual Integrations
APPROVED

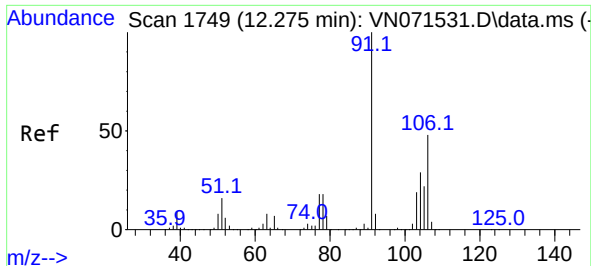
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#68
m/p-Xylenes
Concen: 211.720 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

Tgt Ion:106 Resp: 2978346
Ion Ratio Lower Upper
106 100
91 198.1 158.9 238.3





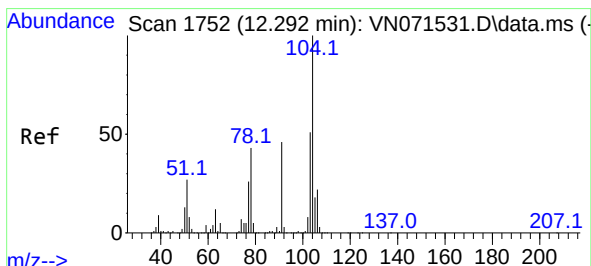
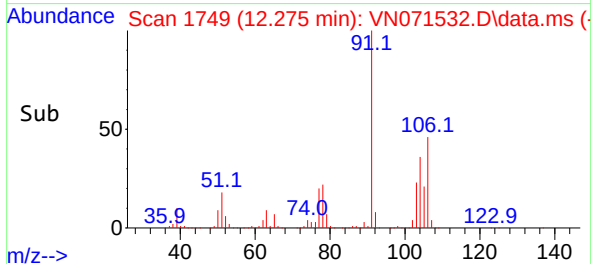
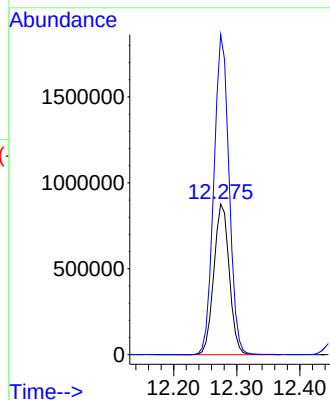
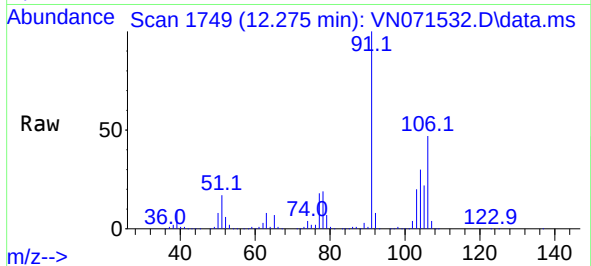
#69
o-Xylene
Concen: 107.880 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 148774
Ion Ratio Lower Upper
106 100
91 209.7 106.0 318.0

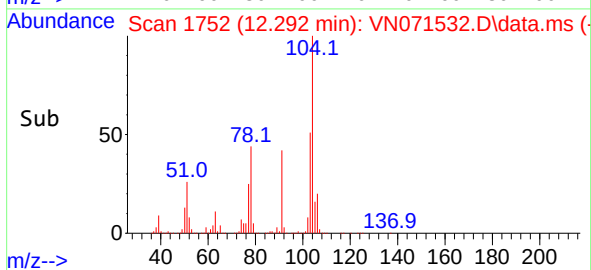
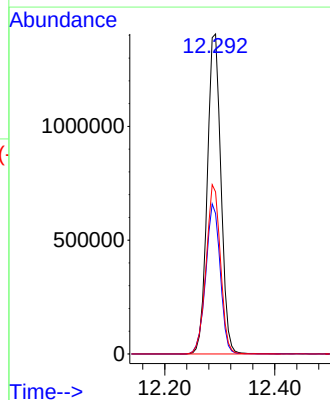
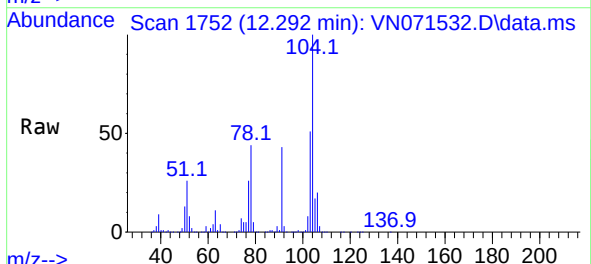
Manual Integrations
APPROVED

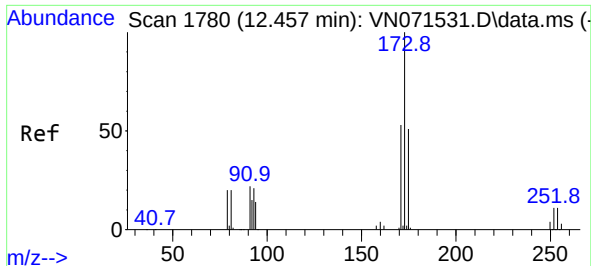
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#70
Styrene
Concen: 111.473 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

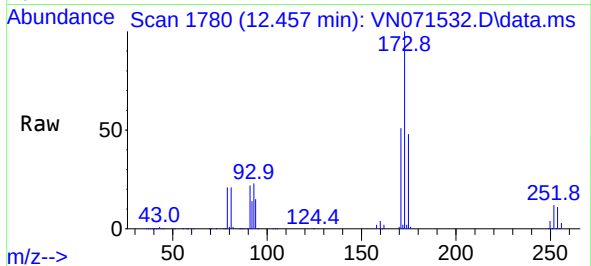
Tgt Ion:104 Resp: 2431925
Ion Ratio Lower Upper
104 100
78 49.4 39.5 59.3
103 55.3 44.0 66.0





#71
Bromoform
Concen: 107.854 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

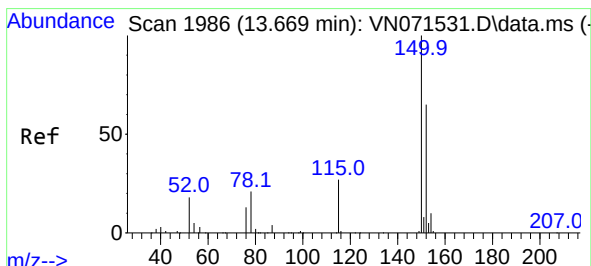
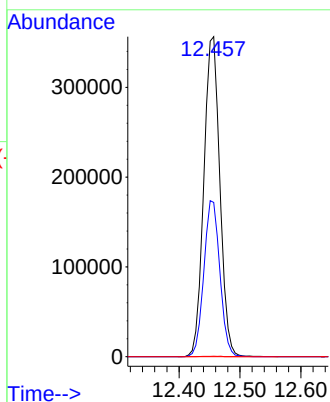
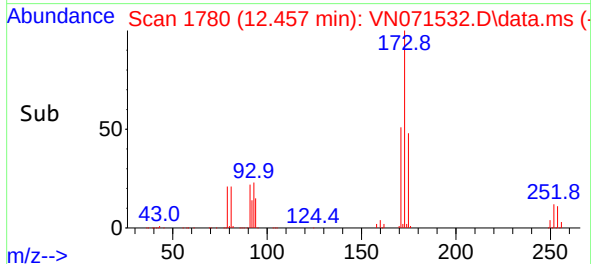
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



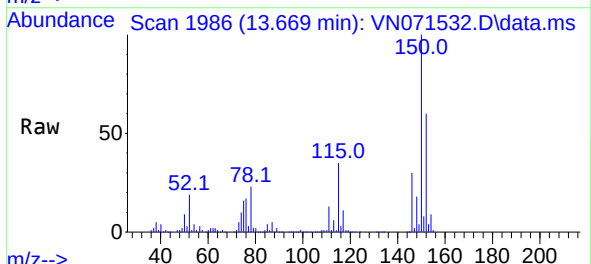
Tgt Ion:173 Resp: 651468
Ion Ratio Lower Upper
173 100
175 48.6 24.6 73.6
254 0.2 0.1 0.1

Manual Integrations
APPROVED

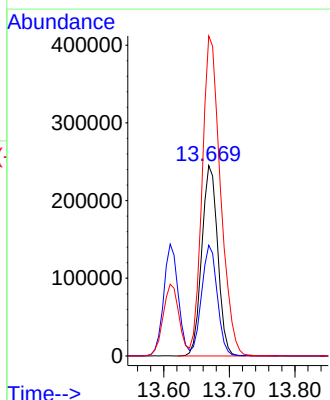
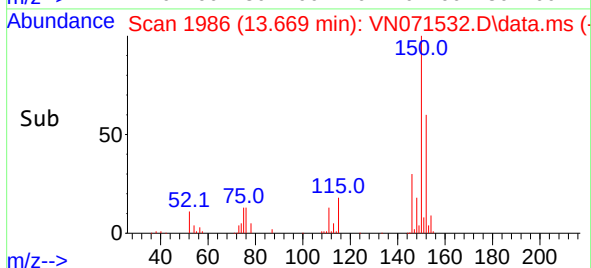
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

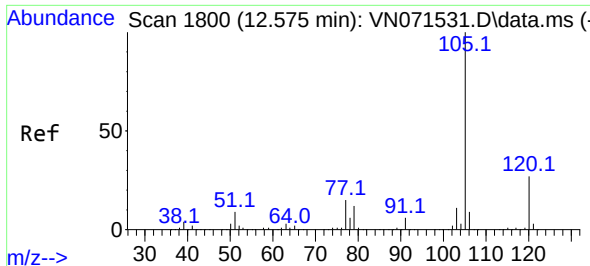


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46



Tgt Ion:152 Resp: 415815
Ion Ratio Lower Upper
152 100
115 57.1 28.9 86.7
150 193.0 0.0 356.2





#73
Isopropylbenzene
Concen: 111.287 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

Instrument :

MSVOA_N

ClientSampleId :

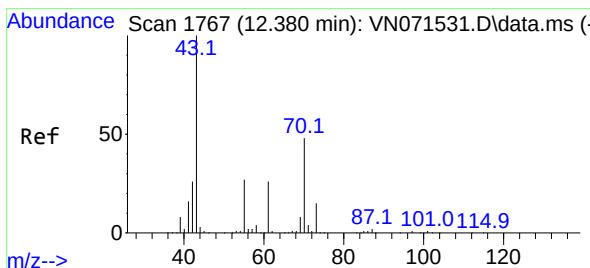
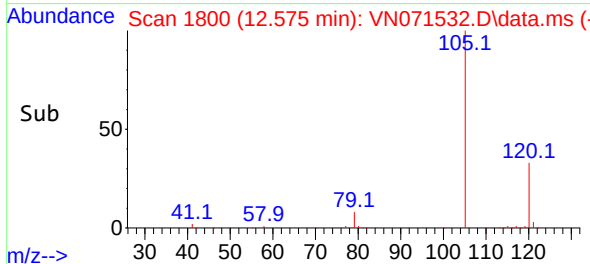
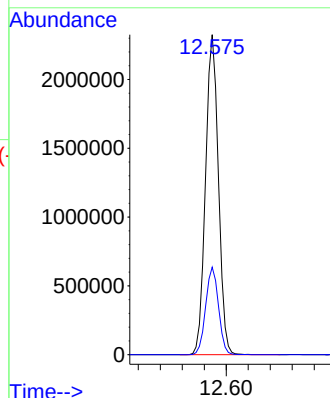
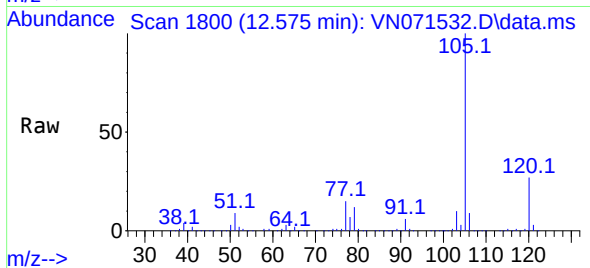
VSTDICC100

Tgt Ion:105 Resp: 377305
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4

Manual Integrations

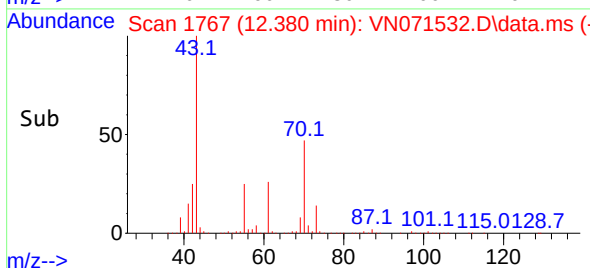
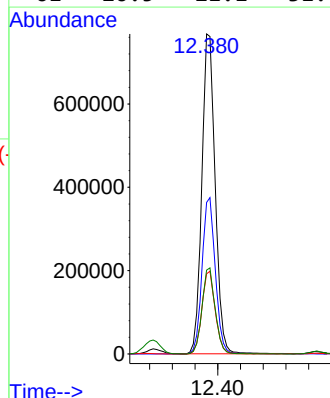
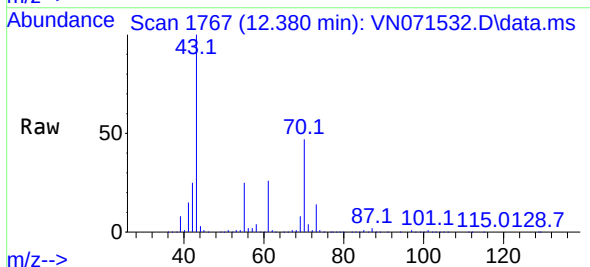
APPROVED

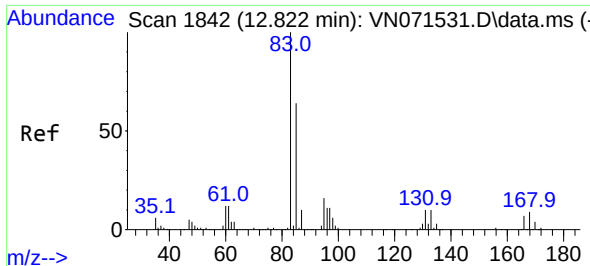
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#74
N-ethyl acetate
Concen: 115.801 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

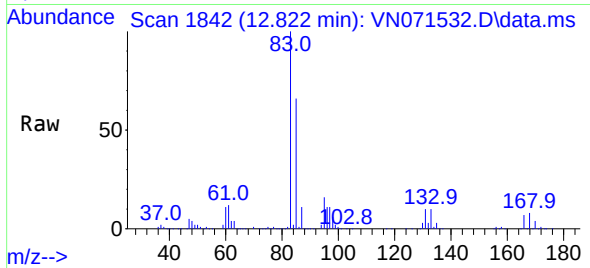
Tgt Ion: 43 Resp: 1250453
Ion Ratio Lower Upper
43 100
70 48.9 39.0 58.4
55 25.9 21.1 31.7
61 26.5 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 103.760 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

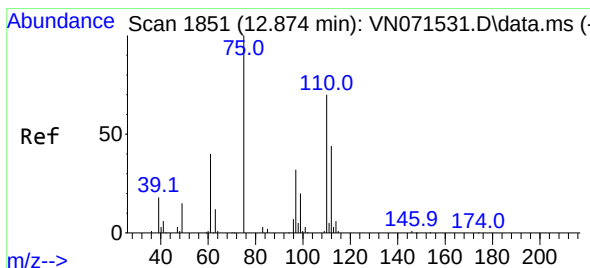
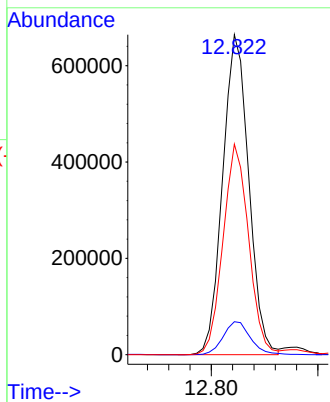
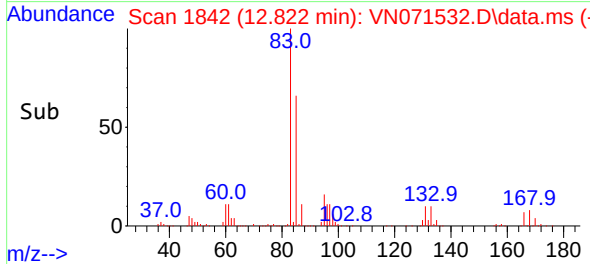
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



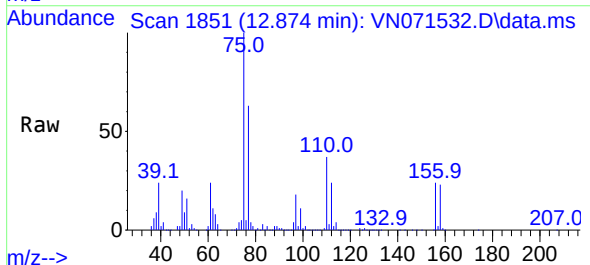
Tgt Ion: 83 Resp: 1130174
Ion Ratio Lower Upper
83 100
131 10.8 5.3 15.9
85 64.5 32.3 96.9

Manual Integrations
APPROVED

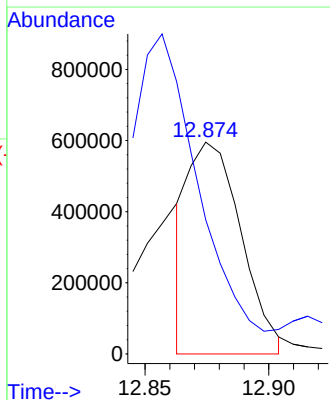
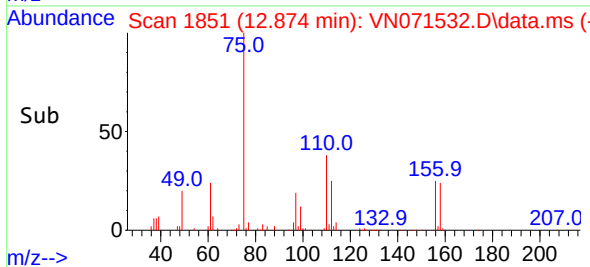
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

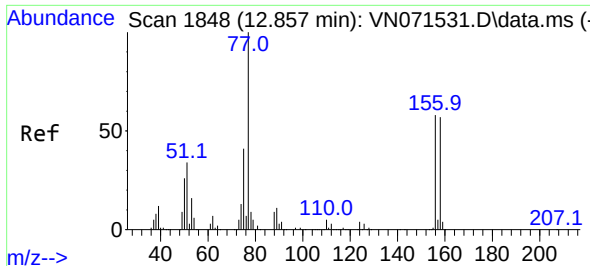


#76
1,2,3-Trichloropropane
Concen: 93.068 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46



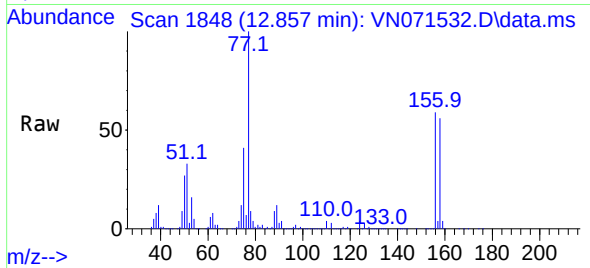
Tgt Ion: 75 Resp: 885217
Ion Ratio Lower Upper
75 100
77 205.3 98.5 295.5





#77
Bromobenzene
Concen: 108.629 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

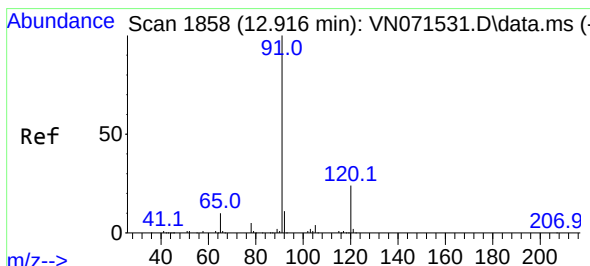
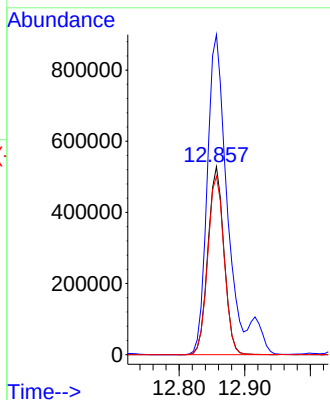
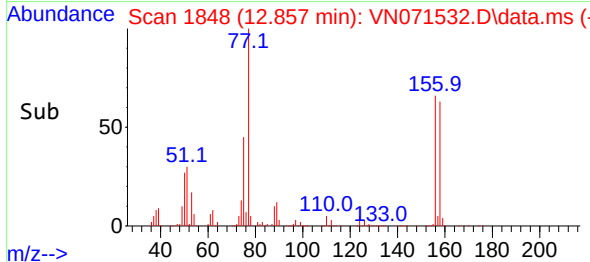
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



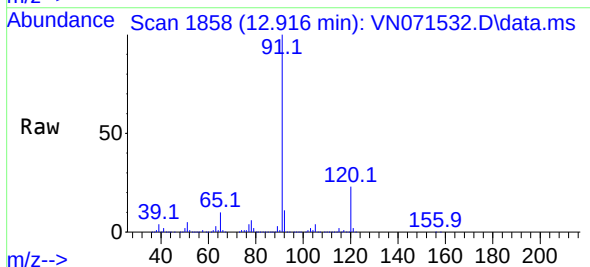
Tgt Ion:156 Resp: 899550
Ion Ratio Lower Upper
156 100
77 202.0 100.5 301.5
158 97.0 48.9 146.6

Manual Integrations
APPROVED

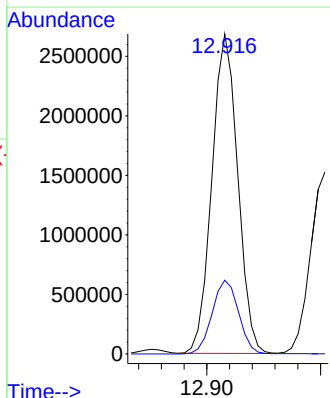
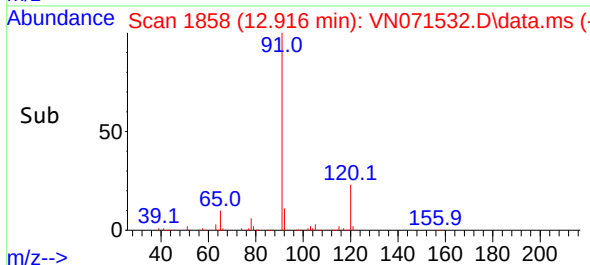
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

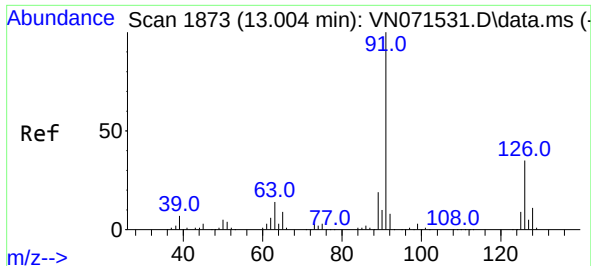


#78
n-propylbenzene
Concen: 111.922 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46



Tgt Ion: 91 Resp: 4238272
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.5





#79

2-Chlorotoluene

Concen: 109.181 ug/l

RT: 13.004 min Scan# 1873

Delta R.T. 0.000 min

Lab File: VN071532.D

Acq: 24 Mar 2022 20:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 2519194

Ion Ratio Lower Upper

91 100

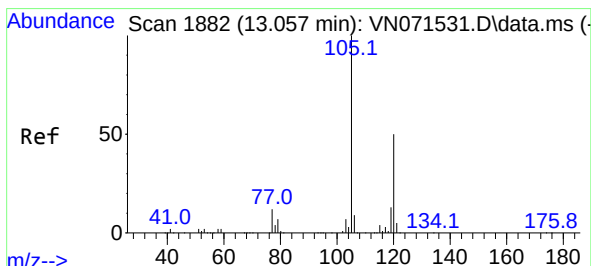
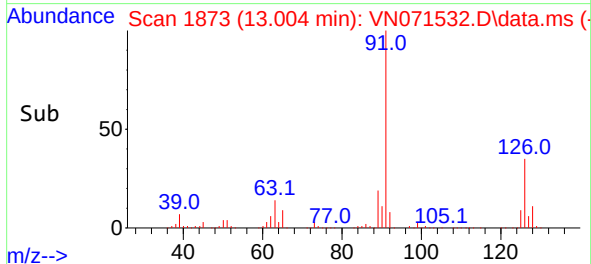
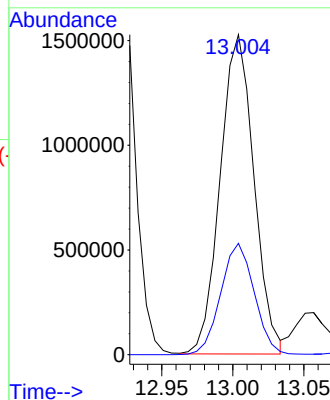
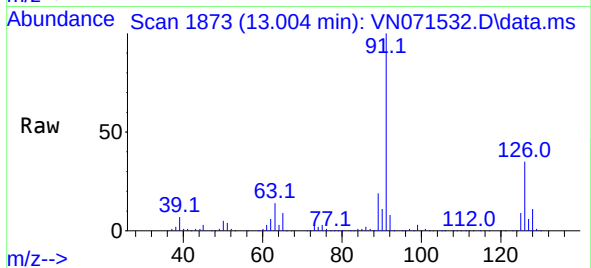
126 34.7 17.3 51.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/28/2022



#80

1,3,5-Trimethylbenzene

Concen: 110.246 ug/l

RT: 13.057 min Scan# 1882

Delta R.T. 0.000 min

Lab File: VN071532.D

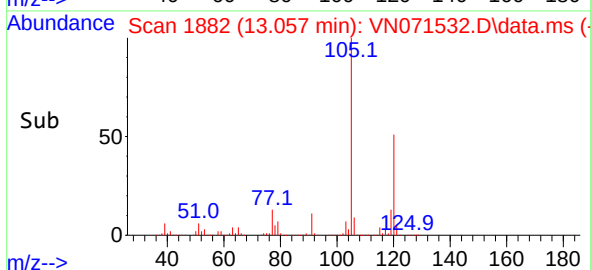
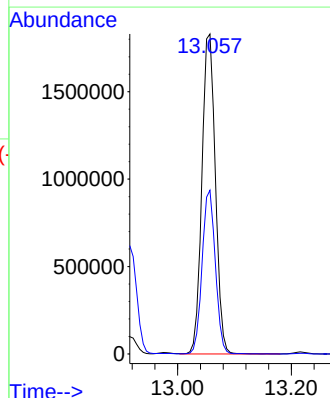
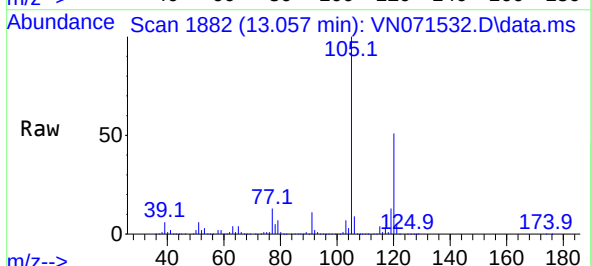
Acq: 24 Mar 2022 20:46

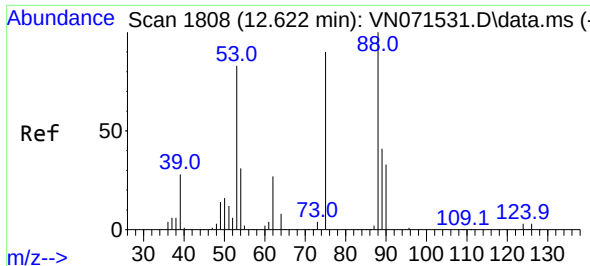
Tgt Ion:105 Resp: 3012345

Ion Ratio Lower Upper

105 100

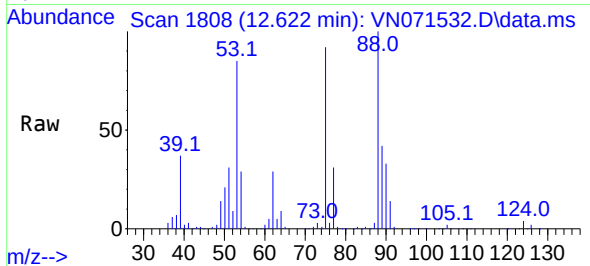
120 50.3 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 123.002 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

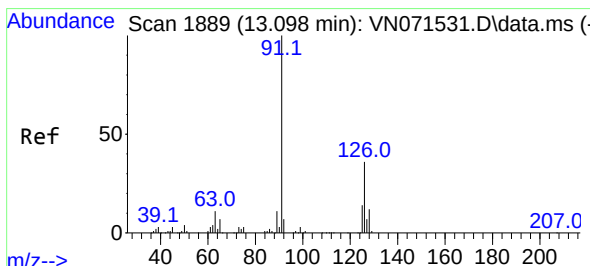
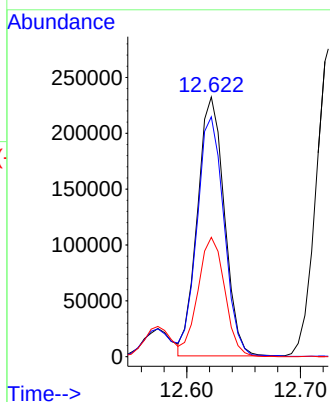
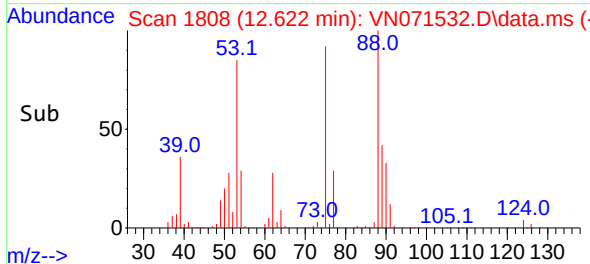
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



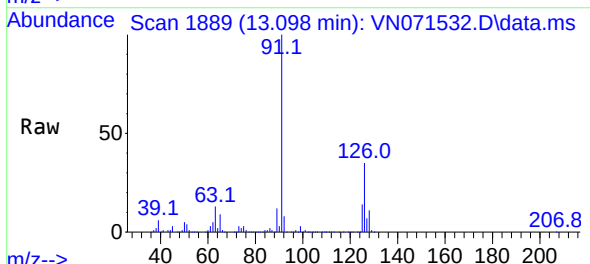
Tgt Ion: 75 Resp: 382478
Ion Ratio Lower Upper
75 100
53 93.1 78.0 117.0
89 46.1 37.2 55.8

Manual Integrations
APPROVED

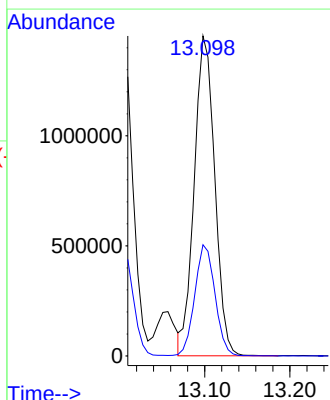
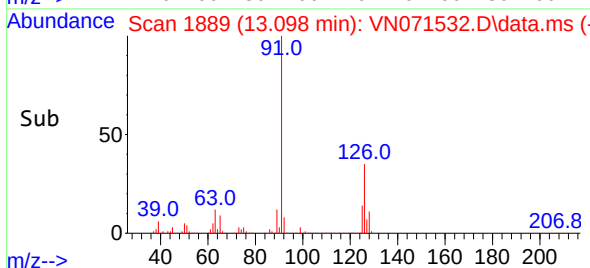
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

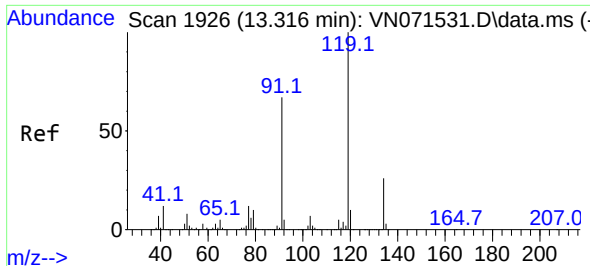


#82
4-Chlorotoluene
Concen: 109.191 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46



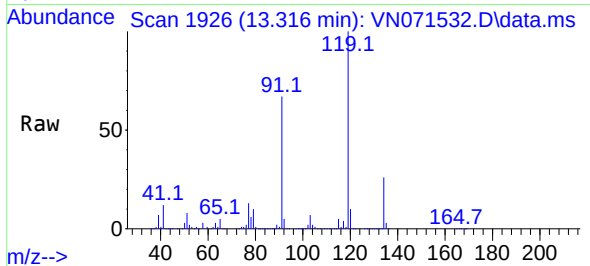
Tgt Ion: 91 Resp: 2426353
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6





#83
tert-Butylbenzene
Concen: 107.031 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

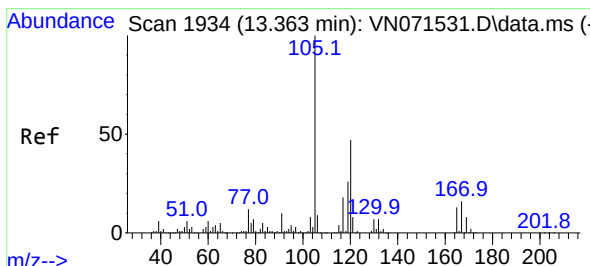
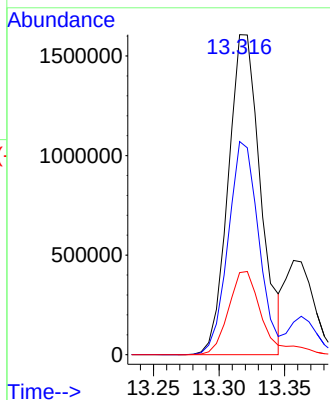
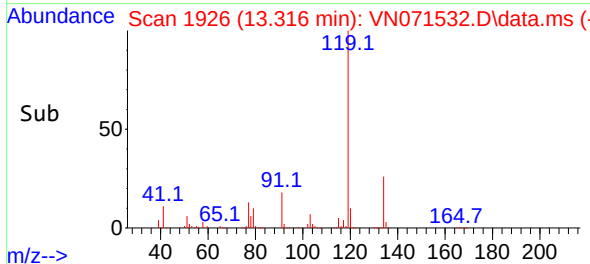
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



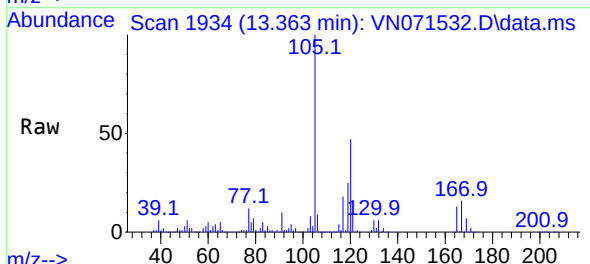
Tgt Ion:119 Resp: 2764320
Ion Ratio Lower Upper
119 100
91 62.9 31.6 94.8
134 27.3 13.7 41.1

Manual Integrations
APPROVED

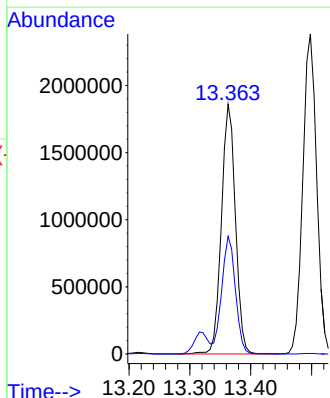
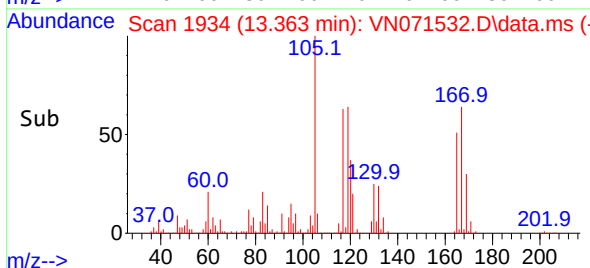
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

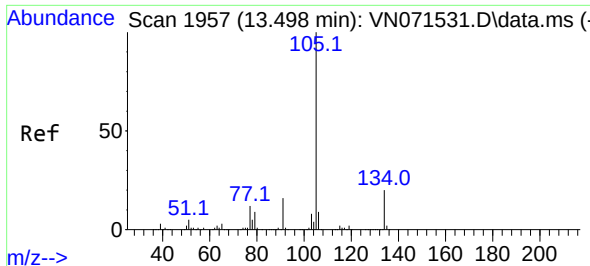


#84
1,2,4-Trimethylbenzene
Concen: 110.372 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46



Tgt Ion:105 Resp: 2968646
Ion Ratio Lower Upper
105 100
120 46.5 23.3 69.8





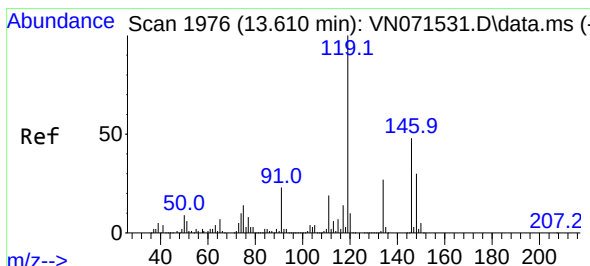
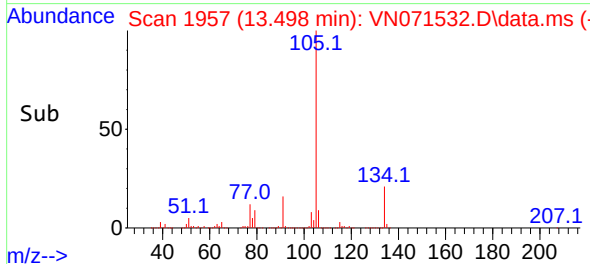
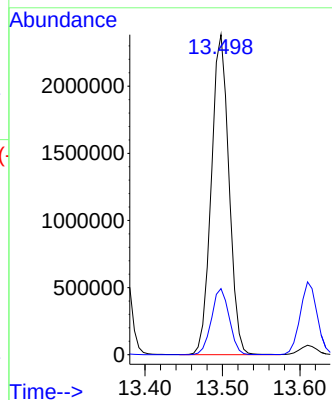
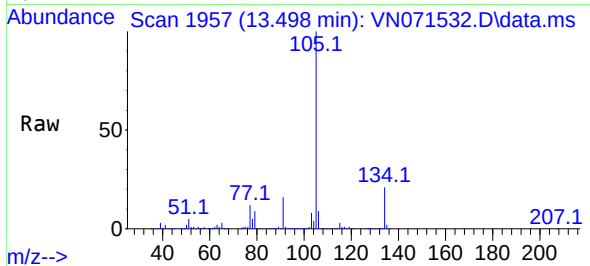
#85
 sec-Butylbenzene
 Concen: 110.524 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN071532.D
 Acq: 24 Mar 2022 20:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 3761778
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.1

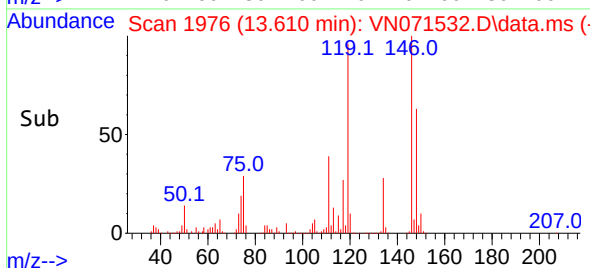
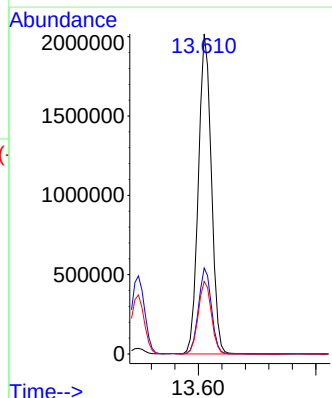
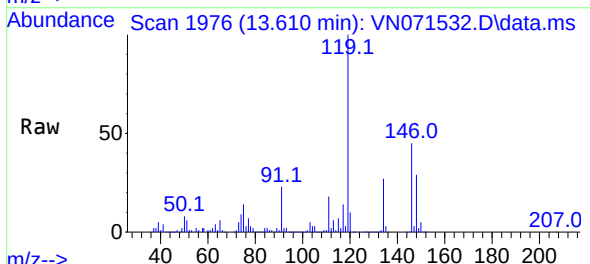
Manual Integrations
 APPROVED

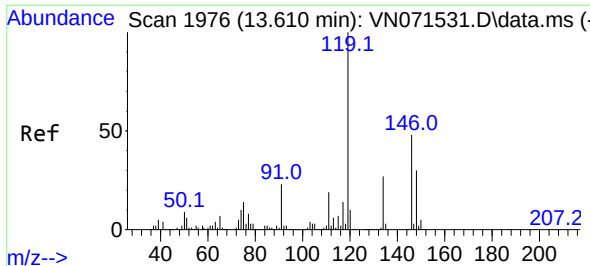
Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#86
 p-Isopropyltoluene
 Concen: 110.915 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071532.D
 Acq: 24 Mar 2022 20:46

Tgt Ion:119 Resp: 3085373
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 22.9 11.3 33.9





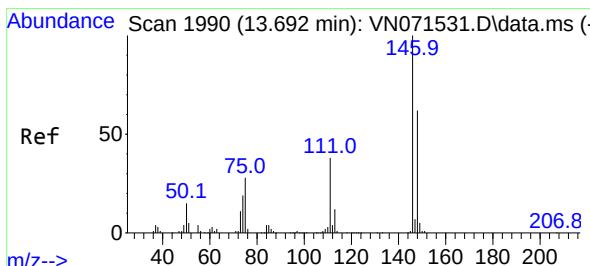
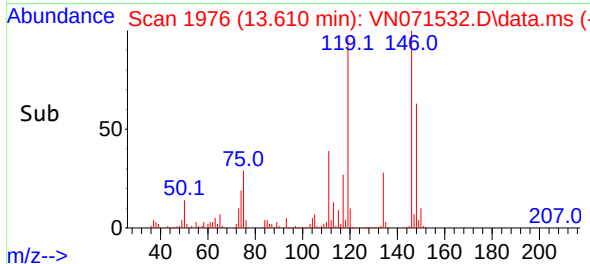
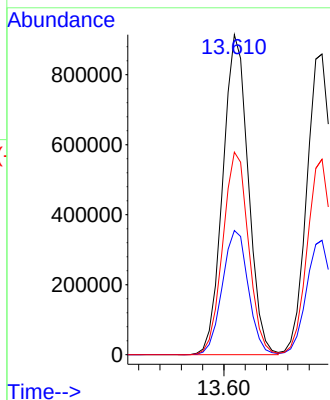
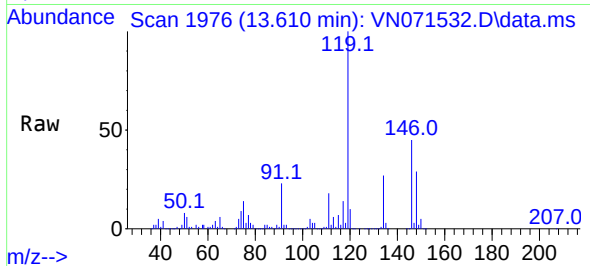
#87
1,3-Dichlorobenzene
Concen: 104.485 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 1513760
Ion Ratio Lower Upper
146 100
111 39.7 20.0 60.0
148 64.1 32.0 96.0

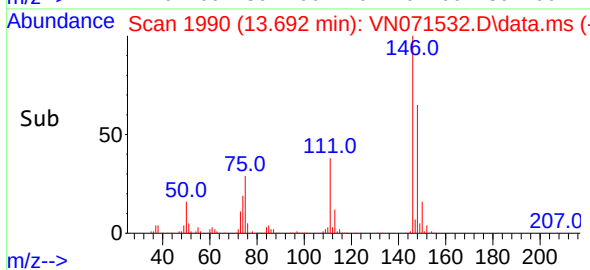
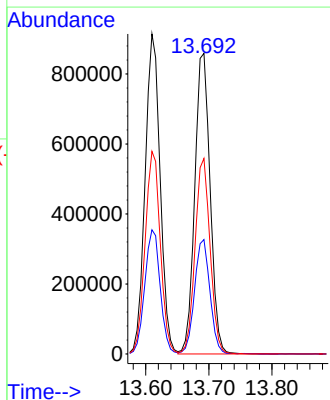
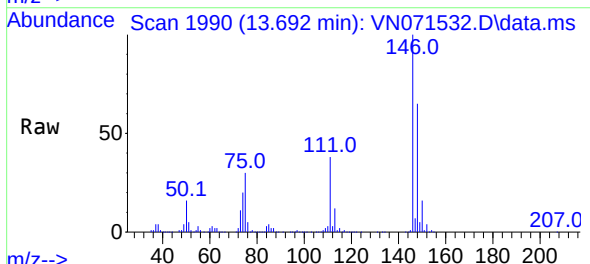
Manual Integrations
APPROVED

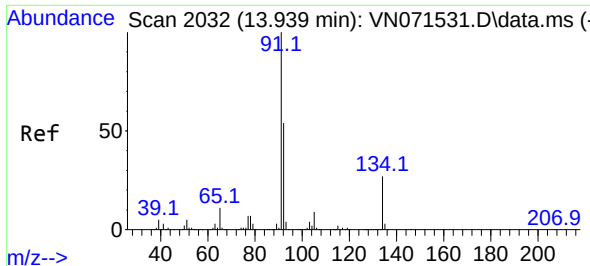
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#88
1,4-Dichlorobenzene
Concen: 102.310 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

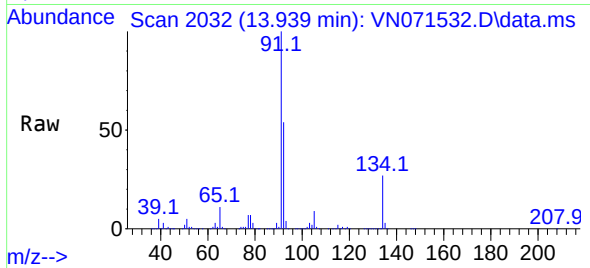
Tgt Ion:146 Resp: 1453329
Ion Ratio Lower Upper
146 100
111 38.3 19.1 57.1
148 63.6 31.4 94.3





#89
n-Butylbenzene
Concen: 106.852 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

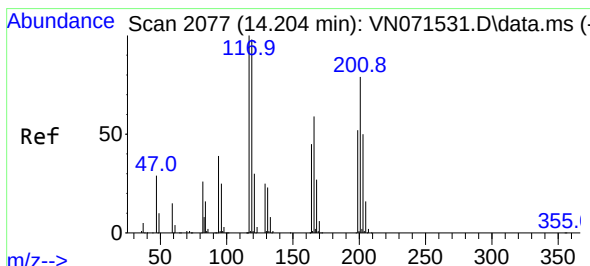
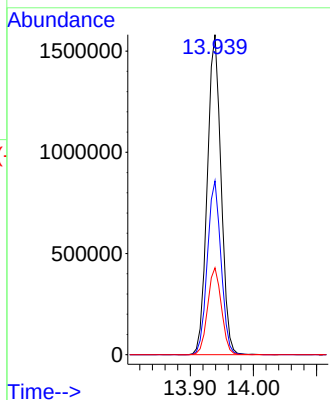
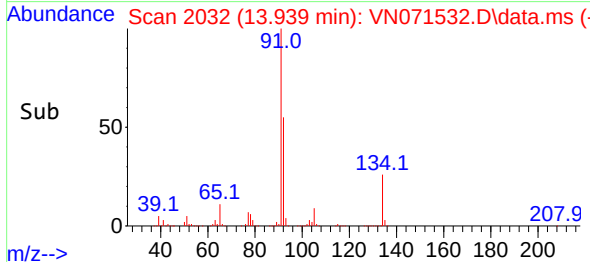
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 239362
Ion Ratio Lower Upper
91 100
92 54.0 26.9 80.7
134 27.2 13.6 40.8

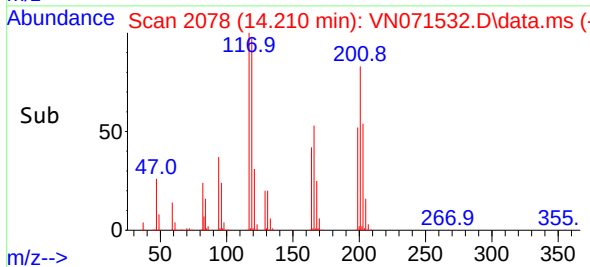
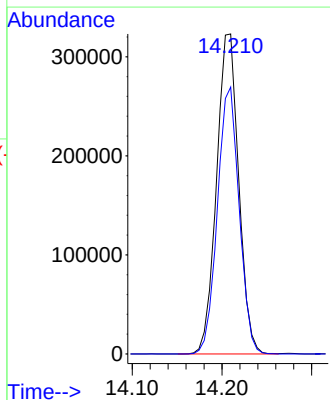
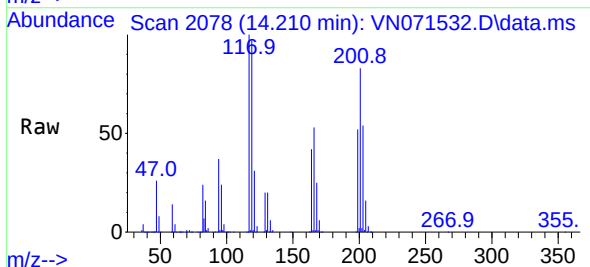
Manual Integrations
APPROVED

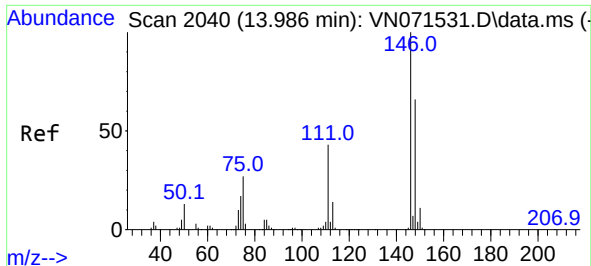
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#90
Hexachloroethane
Concen: 110.820 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

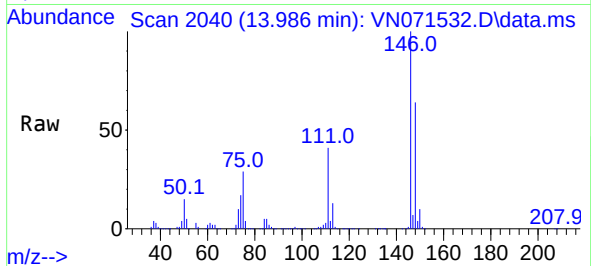
Tgt Ion:117 Resp: 554155
Ion Ratio Lower Upper
117 100
201 81.7 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 103.645 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

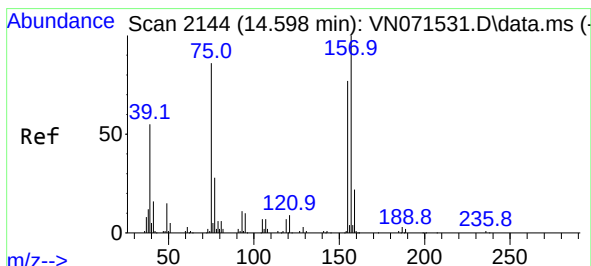
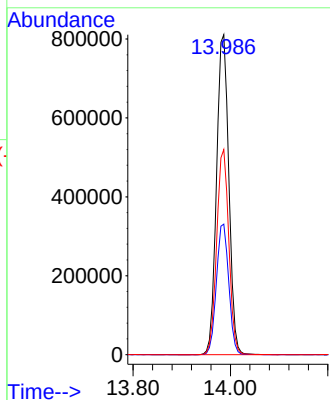
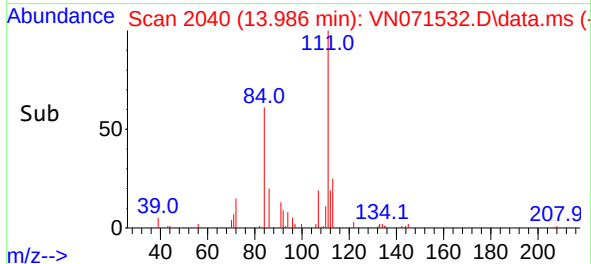
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:146 Resp: 141573
Ion Ratio Lower Upper
146 100
111 41.1 20.9 62.8
148 63.5 32.1 96.3

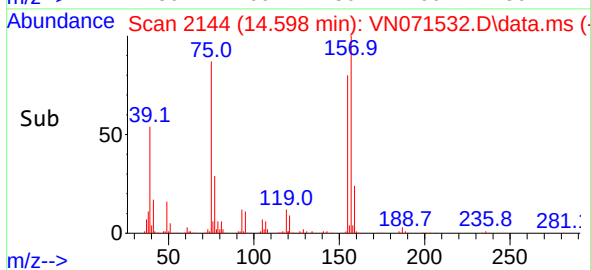
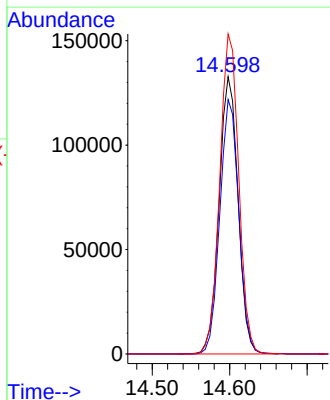
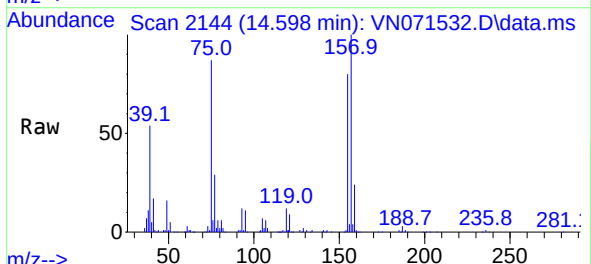
Manual Integrations
APPROVED

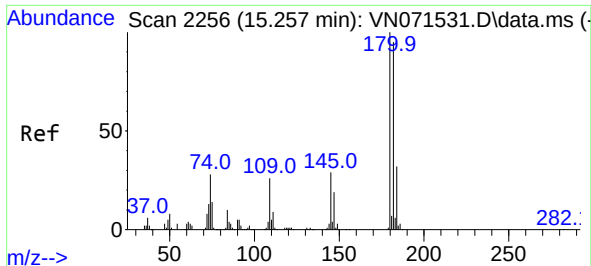
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 127.257 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

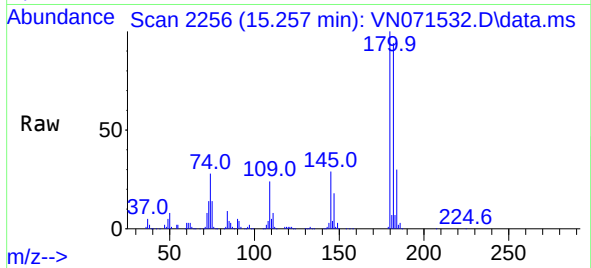
Tgt Ion: 75 Resp: 226105
Ion Ratio Lower Upper
75 100
155 91.3 44.9 134.5
157 115.5 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 111.524 ug/l
RT: 15.257 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

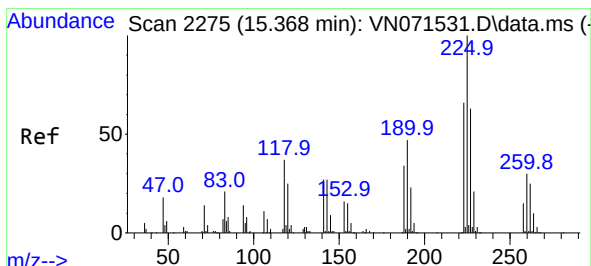
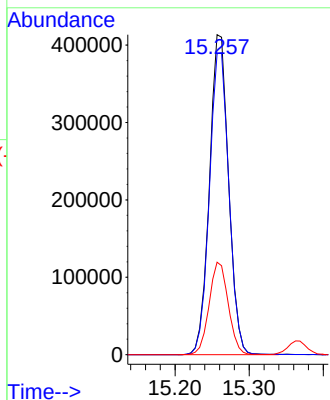
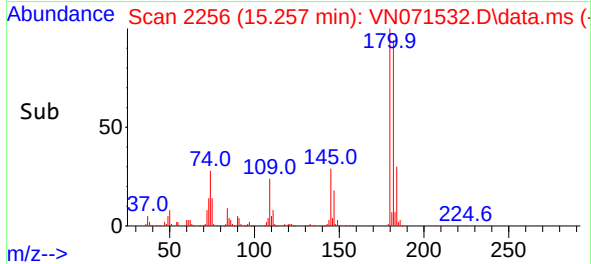
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



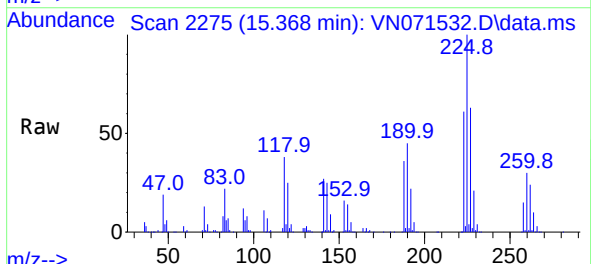
Tgt Ion:180 Resp: 74044
Ion Ratio Lower Upper
180 100
182 96.1 47.5 142.5
145 28.9 14.5 43.5

Manual Integrations
APPROVED

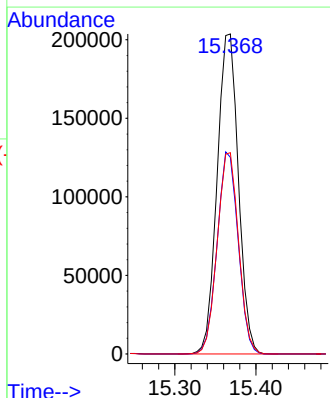
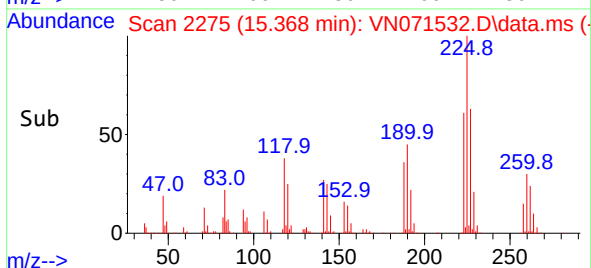
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

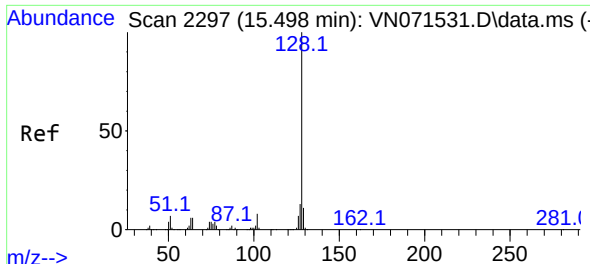


#94
Hexachlorobutadiene
Concen: 77.053 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46



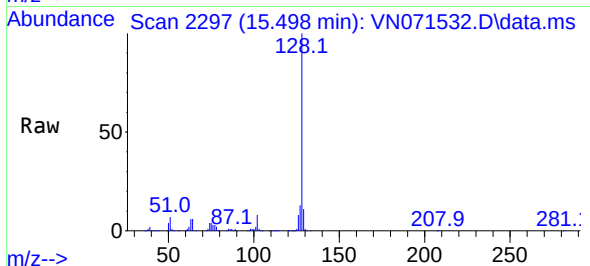
Tgt Ion:225 Resp: 370529
Ion Ratio Lower Upper
225 100
223 62.4 32.4 97.2
227 63.2 31.8 95.4





#95
Naphthalene
Concen: 155.980 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

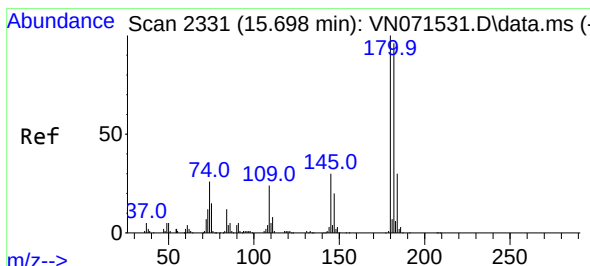
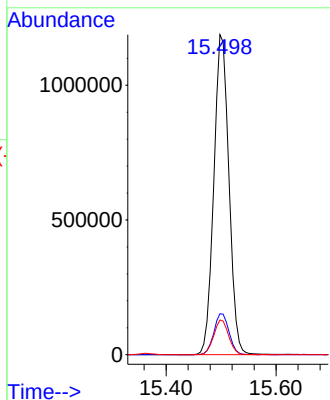
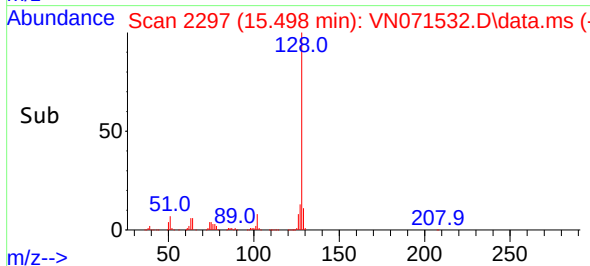
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:128 Resp: 2267450
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 121.554 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN071532.D
Acq: 24 Mar 2022 20:46

Tgt Ion:180 Resp: 741945
Ion Ratio Lower Upper
180 100
182 95.4 47.8 143.3
145 30.5 15.5 46.5

