

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032122\
 Data File : VD072329.D
 Acq On : 21 Mar 2022 09:47
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/22/2022
 Supervised By : Mahesh Dadoda 03/22/2022

Quant Time: Mar 22 02:08:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	408883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	654229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	596242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	299735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	230780	50.646	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.300%			
35) Dibromofluoromethane	7.908	113	233059	50.623	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.240%			
50) Toluene-d8	10.332	98	838467	49.808	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.620%			
62) 4-Bromofluorobenzene	12.620	95	309917	47.381	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	174269	46.080	ug/l	97
3) Chloromethane	2.209	50	188830	56.189	ug/l	95
4) Vinyl Chloride	2.350	62	187618	57.837	ug/l	99
5) Bromomethane	2.768	94	125415	59.372	ug/l	99
6) Chloroethane	2.920	64	127481	59.438	ug/l	99
7) Trichlorofluoromethane	3.273	101	361089	49.290	ug/l	95
8) Diethyl Ether	3.709	74	106185	52.482	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	231601	49.581	ug/l	97
10) Methyl Iodide	4.297	142	177380	42.725	ug/l	98
11) Tert butyl alcohol	5.214	59	66720	252.529	ug/l	97
12) 1,1-Dichloroethene	4.067	96	195249	51.957	ug/l	87
13) Acrolein	3.914	56	31938	135.470	ug/l	99
14) Allyl chloride	4.709	41	354995	54.029	ug/l	93
15) Acrylonitrile	5.409	53	284885	279.054	ug/l	96
16) Acetone	4.150	43	280018	283.027	ug/l	94
17) Carbon Disulfide	4.409	76	450652	51.375	ug/l	99
18) Methyl Acetate	4.714	43	123706	51.022	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	537918	52.664	ug/l	100
20) Methylene Chloride	4.962	84	236015	47.931	ug/l	89
21) trans-1,2-Dichloroethene	5.467	96	226657	54.531	ug/l	99
22) Diisopropyl ether	6.361	45	830995	55.450	ug/l	93
23) Vinyl Acetate	6.297	43	2249845	294.160	ug/l	99
24) 1,1-Dichloroethane	6.256	63	465103	52.623	ug/l	99
25) 2-Butanone	7.203	43	379026	287.329	ug/l	96
26) 2,2-Dichloropropane	7.203	77	401796	50.384	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	276285	52.065	ug/l	96
28) Bromochloromethane	7.538	49	201336	56.585	ug/l	89
29) Tetrahydrofuran	7.555	42	221356	285.374	ug/l	94
30) Chloroform	7.708	83	479682	50.944	ug/l	96
31) Cyclohexane	7.979	56	367167	51.574	ug/l	95
32) 1,1,1-Trichloroethane	7.897	97	417602	49.936	ug/l	98
36) 1,1-Dichloropropene	8.108	75	336218	52.057	ug/l	97
37) Ethyl Acetate	7.285	43	157127	55.539	ug/l	97
38) Carbon Tetrachloride	8.091	117	358140	48.782	ug/l	98
39) Methylcyclohexane	9.350	83	385450	53.035	ug/l	99
40) Benzene	8.344	78	966055	52.430	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	98540	59.758	ug/l	94
42) 1,2-Dichloroethane	8.420	62	296297	53.010	ug/l	97
43) Isopropyl Acetate	8.444	43	303674	55.302	ug/l	96
44) Trichloroethene	9.108	130	258981	50.067	ug/l	98
45) 1,2-Dichloropropane	9.379	63	265024	52.446	ug/l	94
46) Dibromomethane	9.467	93	134230	54.000	ug/l	95
47) Bromodichloromethane	9.655	83	369718	51.020	ug/l	99
48) Methyl methacrylate	9.450	41	157667	60.132	ug/l	96
49) 1,4-Dioxane	9.450	88	31783	1066.249	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	813855	282.185	ug/l	96
52) Toluene	10.397	92	631771	52.107	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	345261	52.149	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	407084	53.188	ug/l	93
55) 1,1,2-Trichloroethane	10.791	97	195541	51.640	ug/l	98
56) Ethyl methacrylate	10.655	69	244813	55.197	ug/l	89
57) 1,3-Dichloropropane	10.938	76	337213	53.061	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	542685	272.129	ug/l	98
59) 2-Hexanone	10.973	43	597591	299.999	ug/l	97
60) Dibromochloromethane	11.132	129	250147	50.909	ug/l	97
61) 1,2-Dibromoethane	11.238	107	175237	51.214	ug/l	96
64) Tetrachloroethene	10.867	164	210821	50.184	ug/l	99
65) Chlorobenzene	11.661	112	678237	51.310	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	260807	49.895	ug/l	97
67) Ethyl Benzene	11.738	91	1209237	51.220	ug/l	98
68) m/p-Xylenes	11.844	106	936623	104.480	ug/l	99
69) o-Xylene	12.173	106	446887	52.116	ug/l	96
70) Styrene	12.185	104	781276	52.177	ug/l	97
71) Bromoform	12.349	173	143283	51.315	ug/l #	98
73) Isopropylbenzene	12.467	105	1215825	51.187	ug/l	99
74) N-amyl acetate	12.279	43	296366	58.061	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	220614	51.933	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	145783m	44.092	ug/l	
77) Bromobenzene	12.749	156	270914	50.675	ug/l	94
78) n-propylbenzene	12.808	91	1499367	51.969	ug/l	99
79) 2-Chlorotoluene	12.896	91	854669	51.230	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1029578	50.455	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	69154	51.894	ug/l	94
82) 4-Chlorotoluene	12.996	91	886521	51.321	ug/l	100
83) tert-Butylbenzene	13.214	119	903899	50.525	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	1009958	50.231	ug/l	98
85) sec-Butylbenzene	13.390	105	1346634	50.124	ug/l	99
86) p-Isopropyltoluene	13.502	119	1123145	50.804	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	559163	49.906	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	553149	49.786	ug/l	99
89) n-Butylbenzene	13.832	91	1077764	51.147	ug/l	98
90) Hexachloroethane	14.096	117	221149	51.039	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	491760	50.341	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	33621	49.591	ug/l	83
93) 1,2,4-Trichlorobenzene	15.143	180	314469	48.624	ug/l	99
94) Hexachlorobutadiene	15.249	225	172787	45.929	ug/l	98
95) Naphthalene	15.384	128	576465	51.708	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	276093	49.319	ug/l	99

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

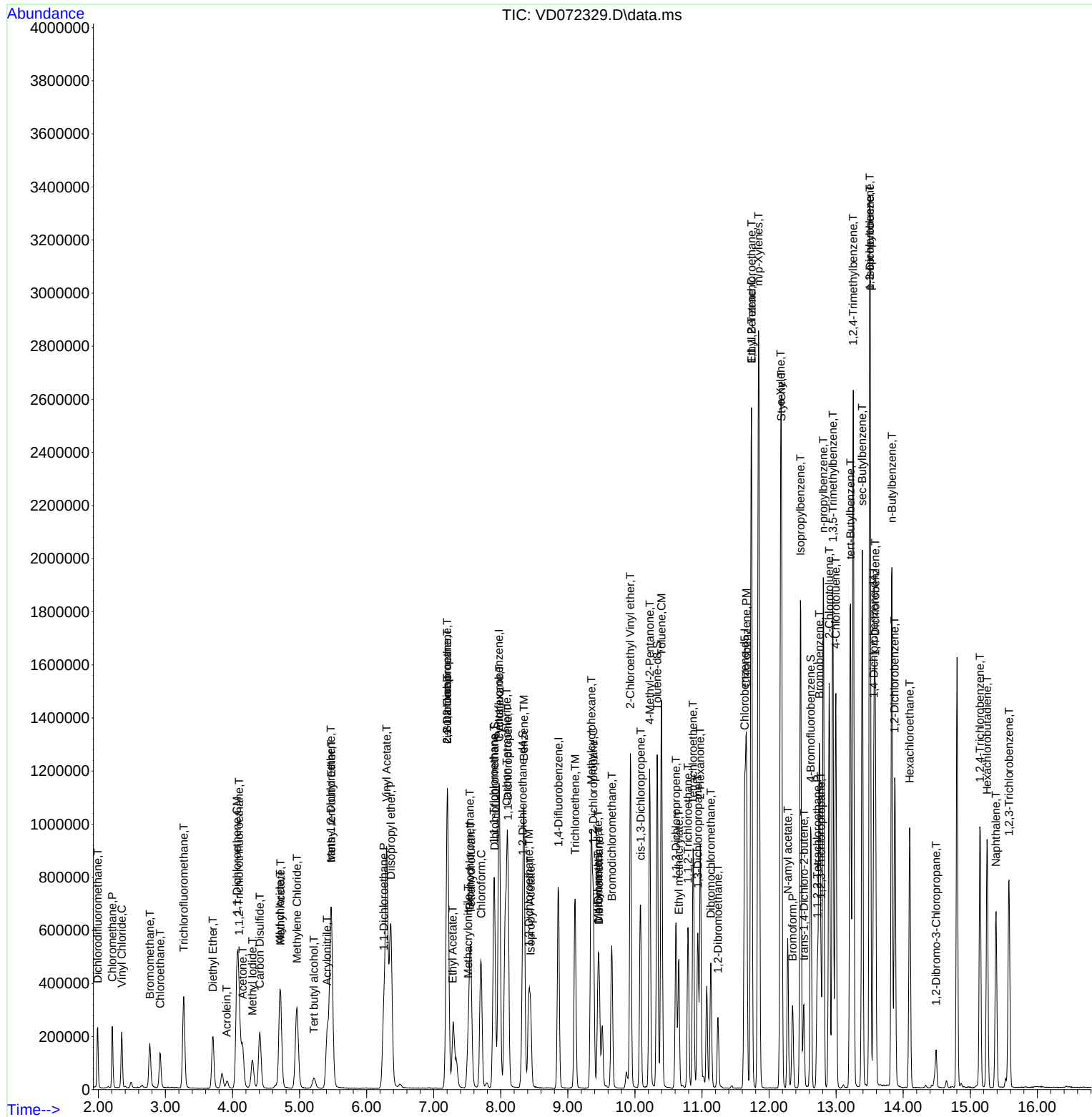
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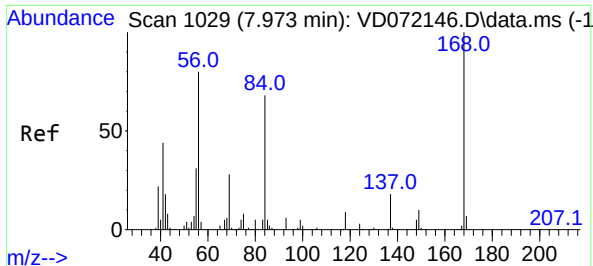
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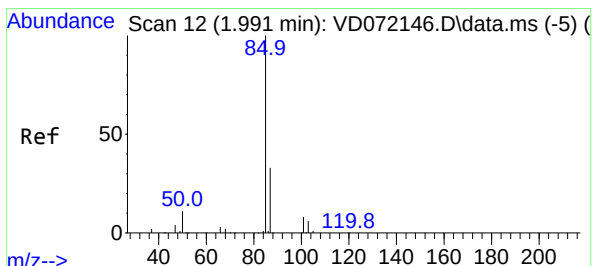
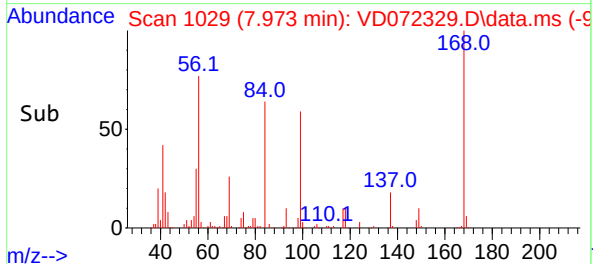
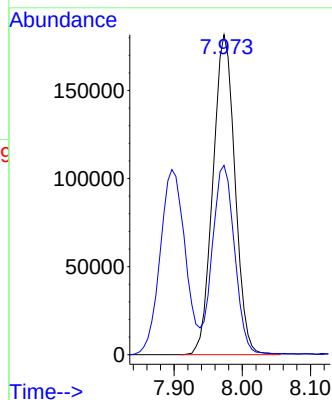
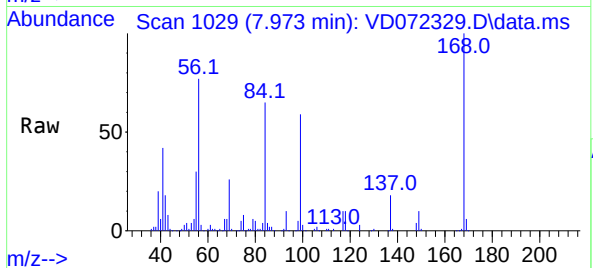
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072329.D
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MSVOA_D
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VSTDCCC050

Tgt Ion:168 Resp: 40888
Ion Ratio Lower Upper
168 100
99 58.8 49.8 74.6

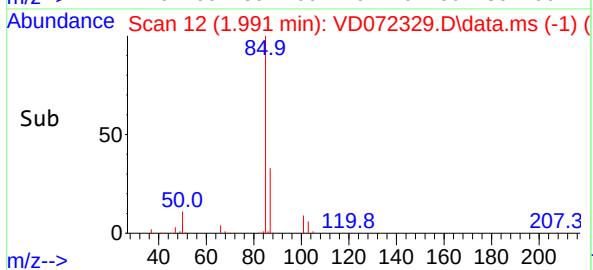
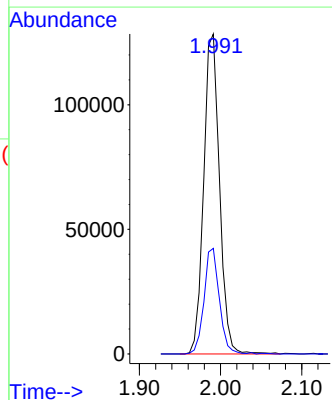
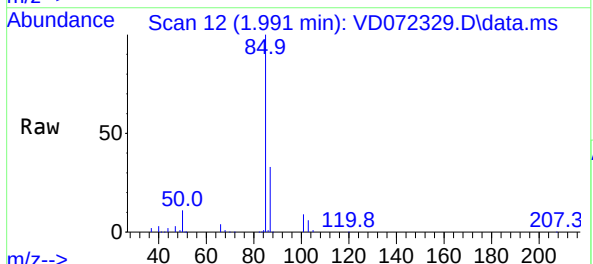
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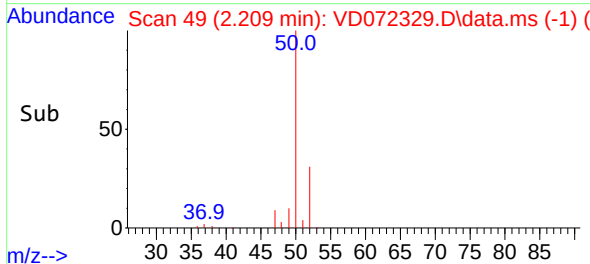
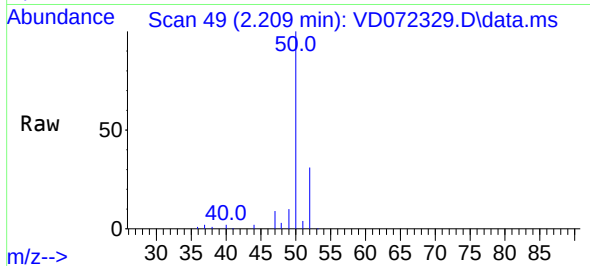
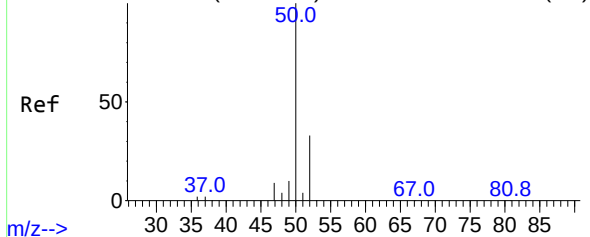


Dichlorodifluoromethane
Concen: 46.080 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

Tgt Ion: 85 Resp: 174269
Ion Ratio Lower Upper
85 100
87 33.0 15.7 47.0



Abundance Scan 49 (2.209 min): VD072146.D\data.ms (-42)



#3

Chloromethane

Concen: 56.189 ug/l

RT: 2.209 min Scan# 49

Delta R.T. -0.000 min

Lab File: VD072329.D

Acq: 21 Mar 2022 09:47

Tgt Ion: 50 Resp: 188830

Ion Ratio Lower Upper

50 100

52 31.5 27.4 41.0

Instrument :

MSVOA_D

ClientSampleId :

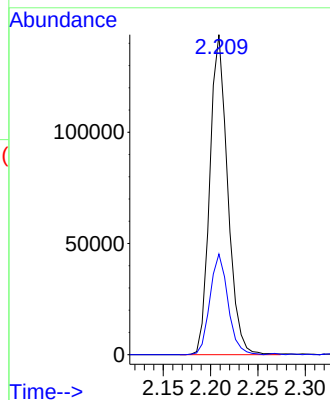
VSTDCCC050

Manual Integrations

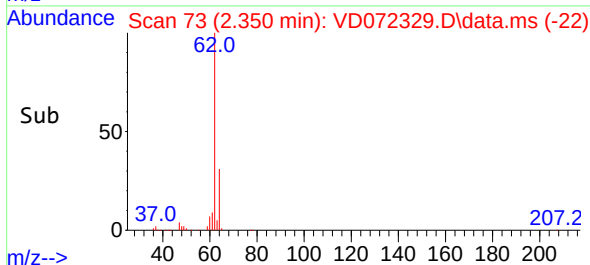
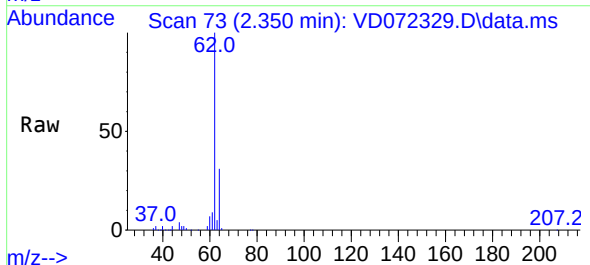
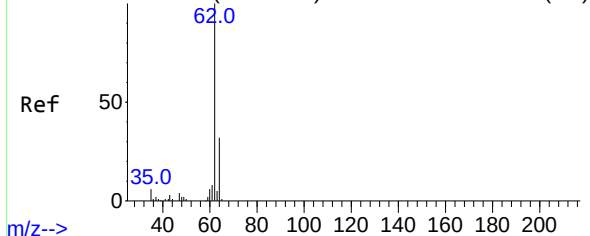
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Supervised By :Mahesh Dadoda 03/22/2022



Abundance Scan 73 (2.350 min): VD072146.D\data.ms (-66)



#4

Vinyl Chloride

Concen: 57.837 ug/l

RT: 2.350 min Scan# 73

Delta R.T. -0.000 min

Lab File: VD072329.D

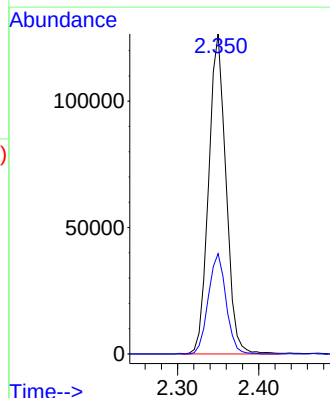
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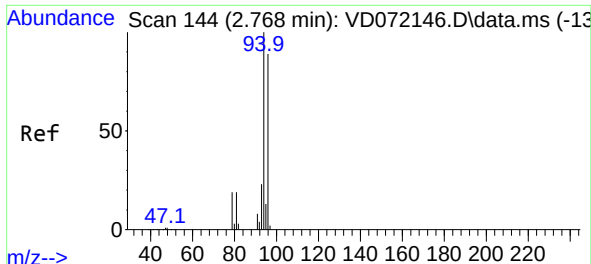
Tgt Ion: 62 Resp: 187618

Ion Ratio Lower Upper

62 100

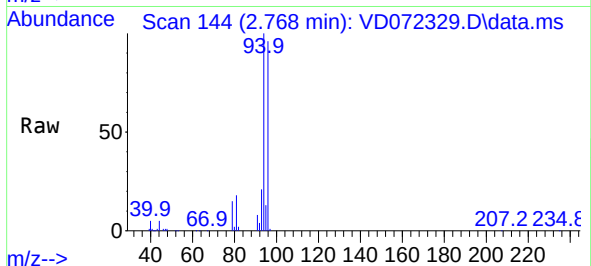
64 31.4 25.4 38.0





#5
Bromomethane
Concen: 59.372 ug/l
RT: 2.768 min Scan# 144
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

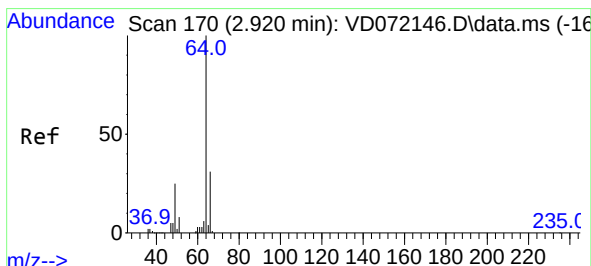
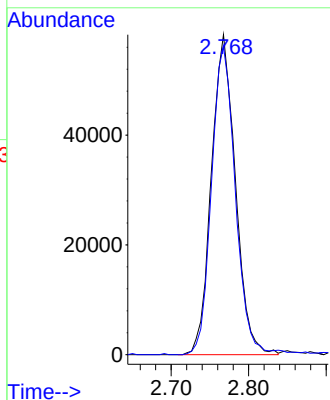
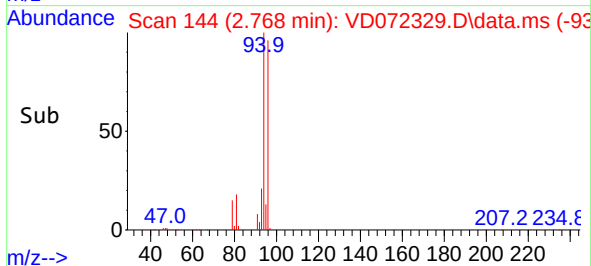
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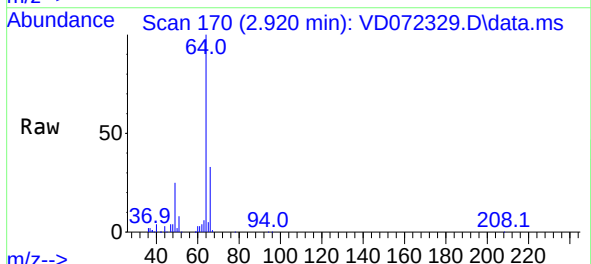
Tgt Ion: 94 Resp: 125415
Ion Ratio Lower Upper
94 100
96 96.4 77.6 116.4

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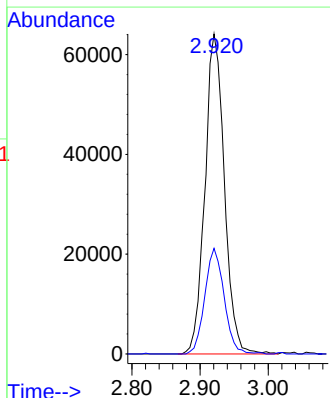
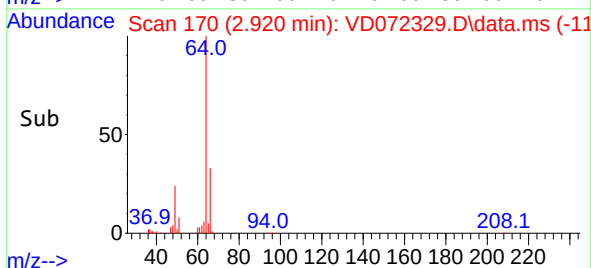
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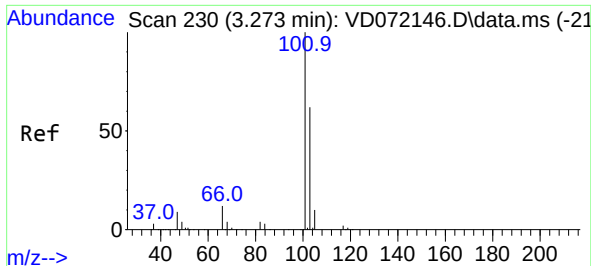


#6
Chloroethane
Concen: 59.438 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47



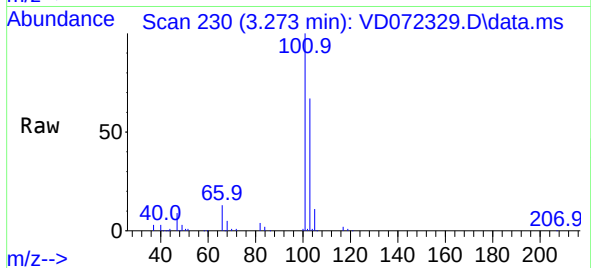
Tgt Ion: 64 Resp: 127481
Ion Ratio Lower Upper
64 100
66 33.0 25.9 38.9





#7
Trichlorofluoromethane
Concen: 49.290 ug/l
RT: 3.273 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

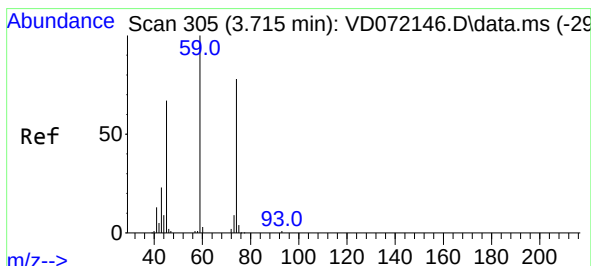
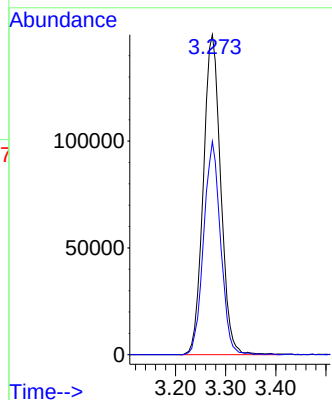
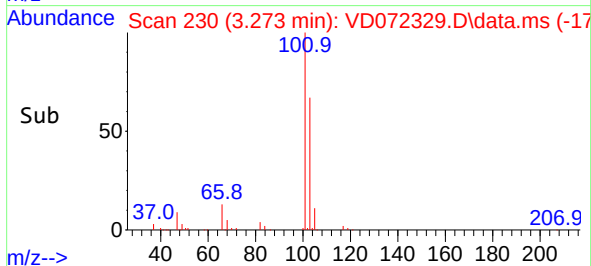
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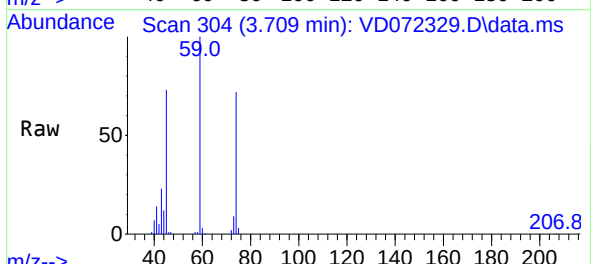
Tgt Ion:101 Resp: 361089
Ion Ratio Lower Upper
101 100
103 66.6 50.1 75.1

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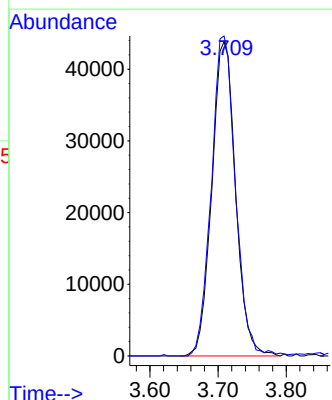
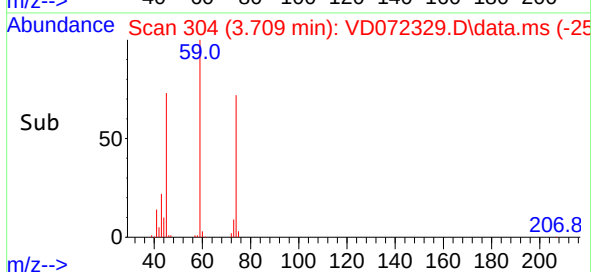
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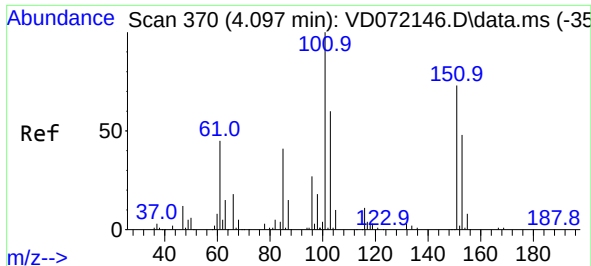


#8
Diethyl Ether
Concen: 52.482 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47



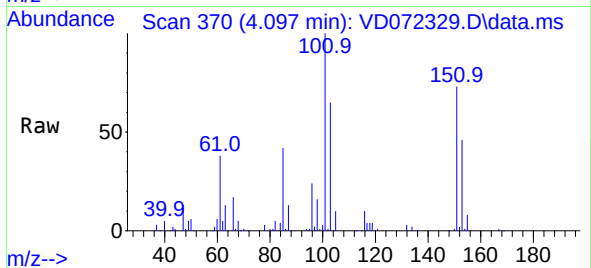
Tgt Ion: 74 Resp: 106185
Ion Ratio Lower Upper
74 100
45 102.5 52.6 157.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.581 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

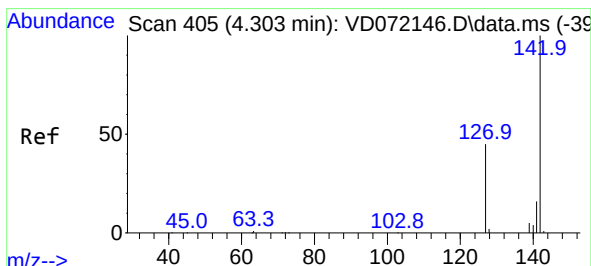
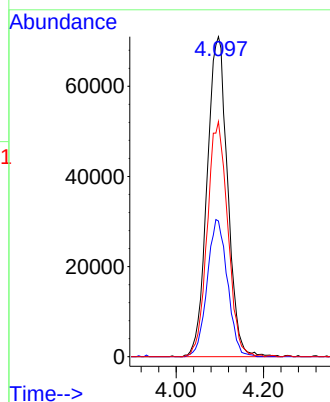
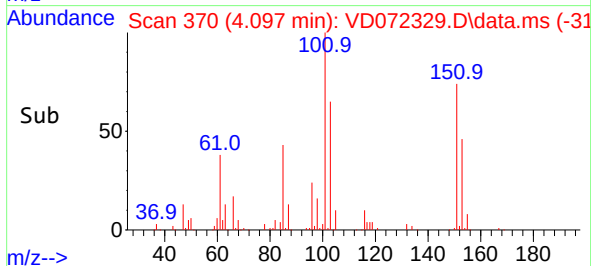
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



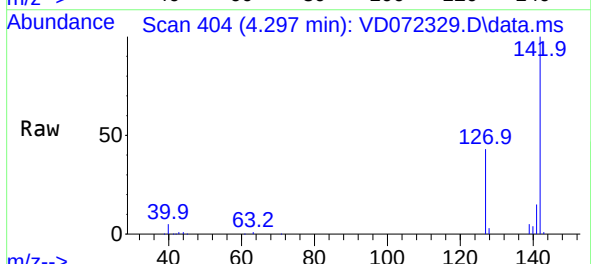
Tgt Ion:101 Resp: 23160
Ion Ratio Lower Upper
101 100
85 42.3 36.4 54.6
151 73.5 57.3 85.9

Manual Integrations
APPROVED

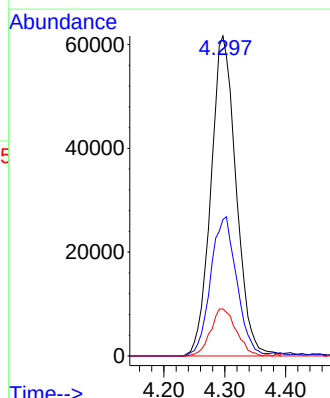
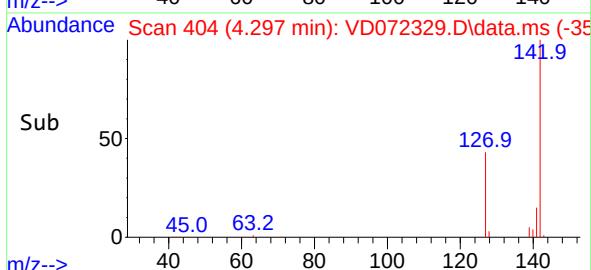
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

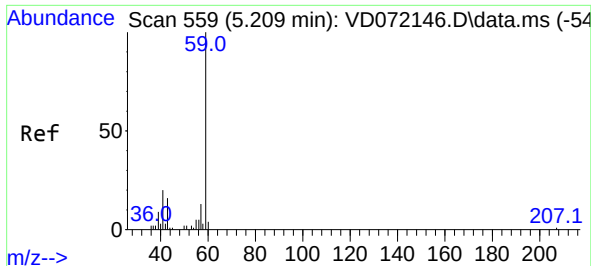


#10
Methyl Iodide
Concen: 42.725 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47



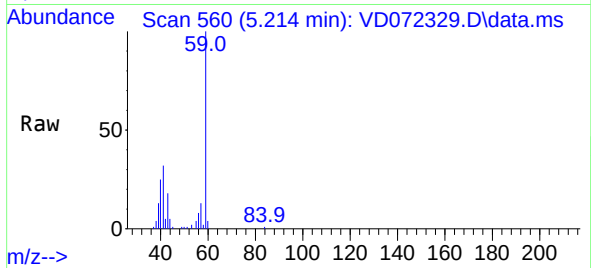
Tgt Ion:142 Resp: 177380
Ion Ratio Lower Upper
142 100
127 45.2 37.3 55.9
141 14.9 11.7 17.5





#11
Tert butyl alcohol
Concen: 252.529 ug/l
RT: 5.214 min Scan# 509
Delta R.T. 0.006 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

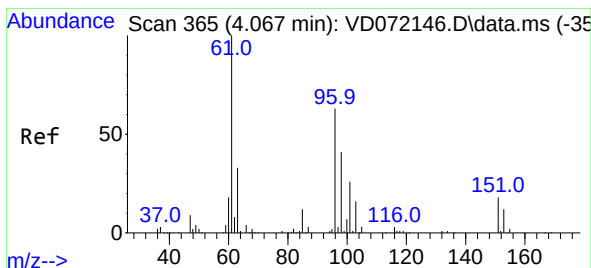
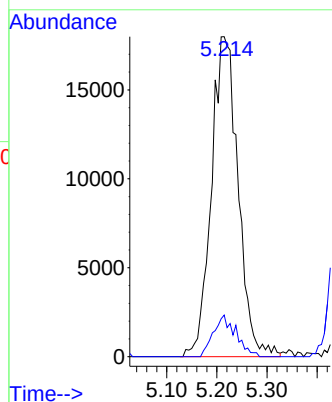
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 66720
Ion Ratio Lower Upper
59 100
57 10.9 7.8 11.6

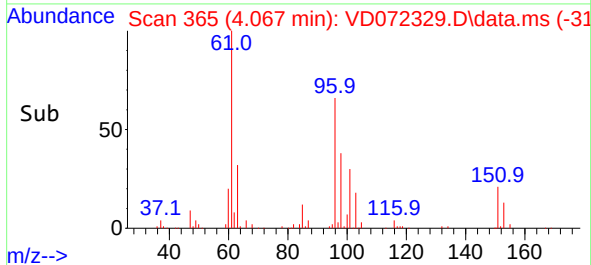
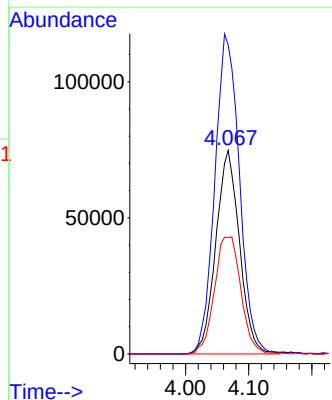
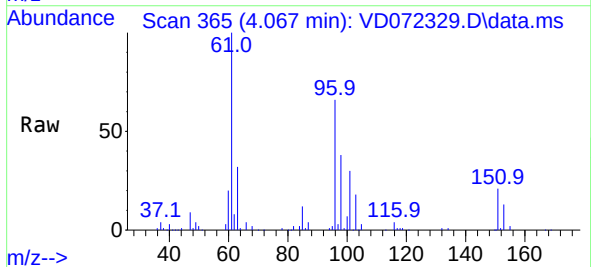
Manual Integrations
APPROVED

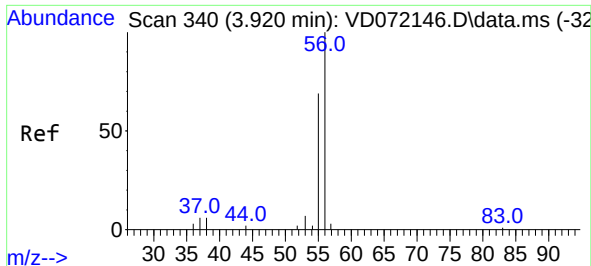
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#12
1,1-Dichloroethene
Concen: 51.957 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

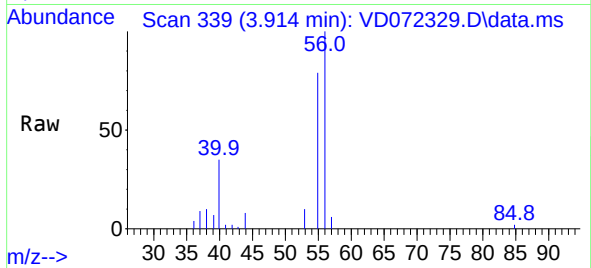
Tgt Ion: 96 Resp: 195249
Ion Ratio Lower Upper
96 100
61 151.7 138.5 207.7
98 57.1 48.6 73.0





#13
Acrolein
Concen: 135.470 ug/l
RT: 3.914 min Scan# 31938
Delta R.T. -0.006 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

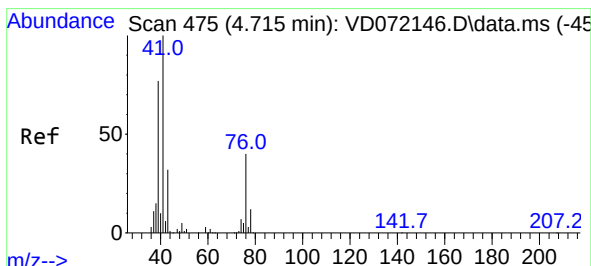
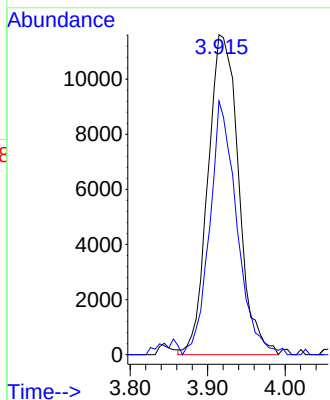
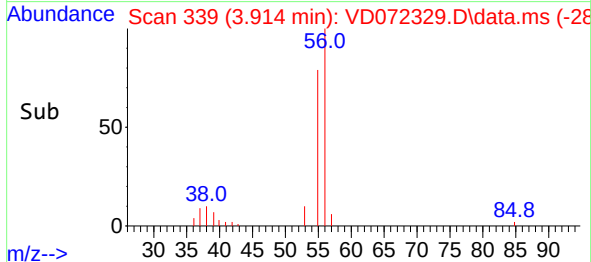
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



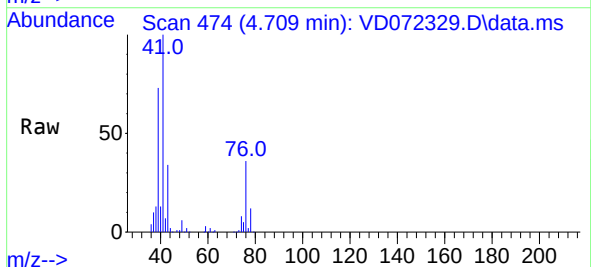
Tgt Ion: 56 Resp: 31938
Ion Ratio Lower Upper
56 100
55 70.4 57.1 85.7

Manual Integrations
APPROVED

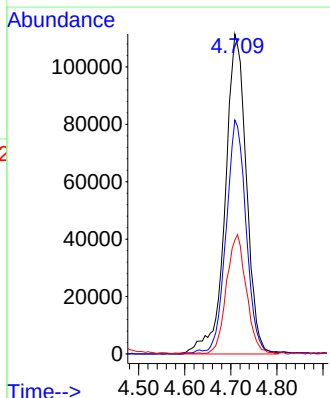
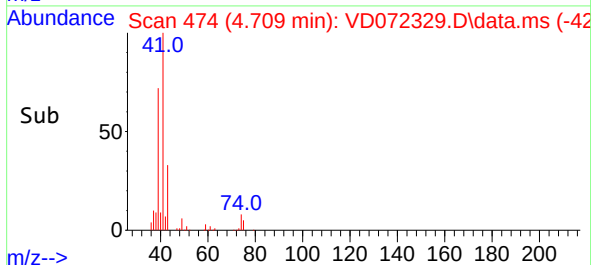
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

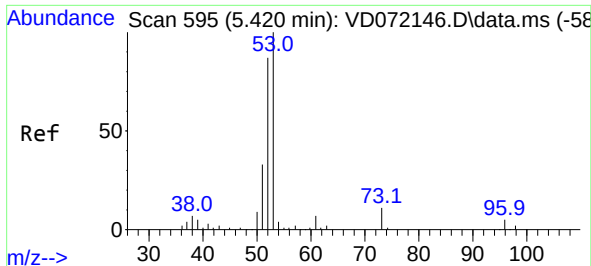


#14
Allyl chloride
Concen: 54.029 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47



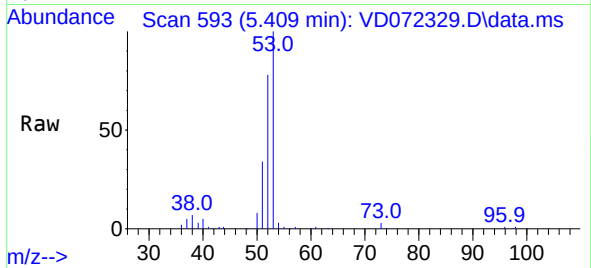
Tgt Ion: 41 Resp: 354995
Ion Ratio Lower Upper
41 100
39 67.4 59.3 88.9
76 35.1 25.7 38.5





#15
Acrylonitrile
Concen: 279.054 ug/l
RT: 5.409 min Scan# 595
Delta R.T. -0.012 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

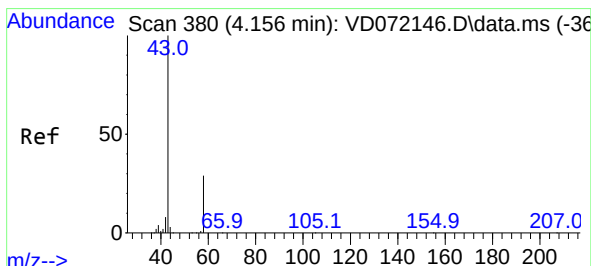
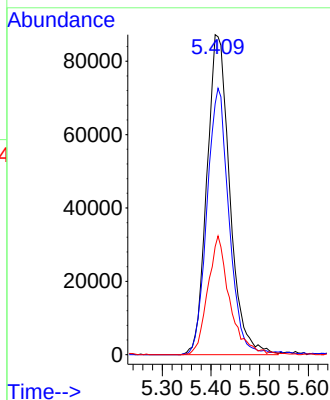
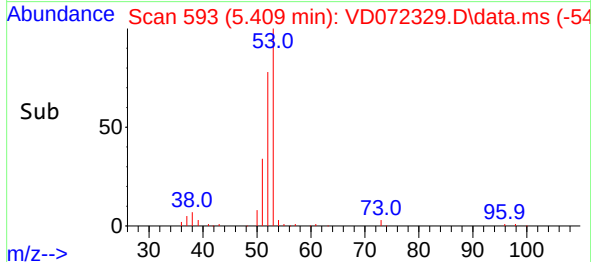
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



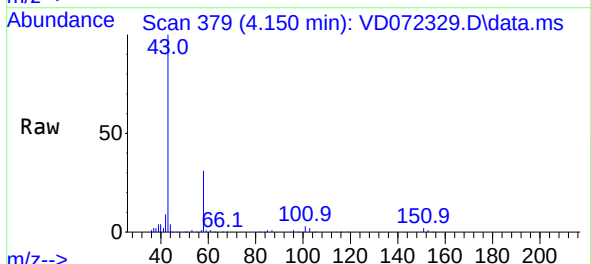
Tgt Ion: 53 Resp: 28488
Ion Ratio Lower Upper
53 100
52 80.0 67.2 100.8
51 35.8 30.3 45.5

Manual Integrations
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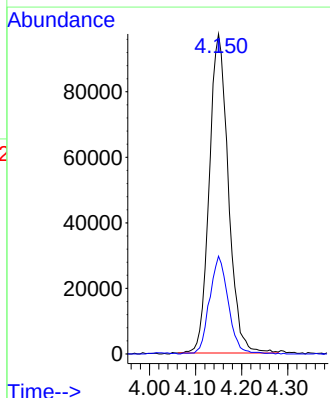
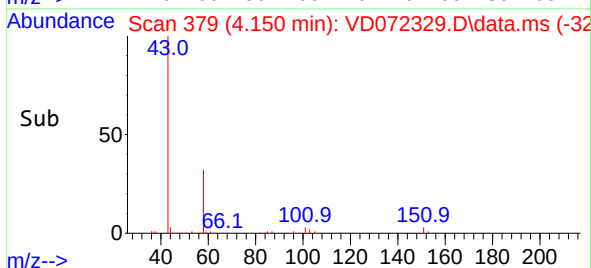
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

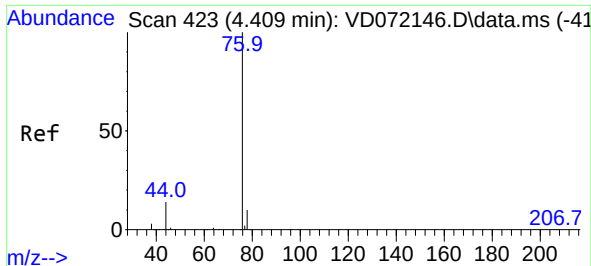


#16
Acetone
Concen: 283.027 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47



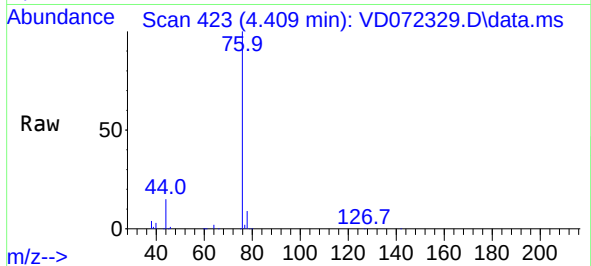
Tgt Ion: 43 Resp: 280018
Ion Ratio Lower Upper
43 100
58 30.7 22.1 33.1





#17
Carbon Disulfide
Concen: 51.375 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

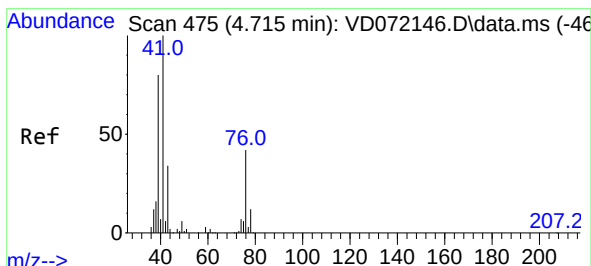
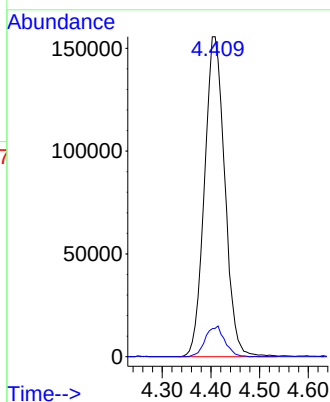
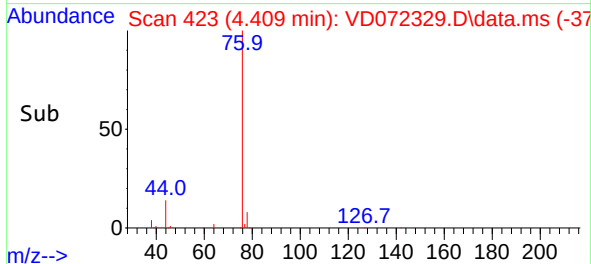
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



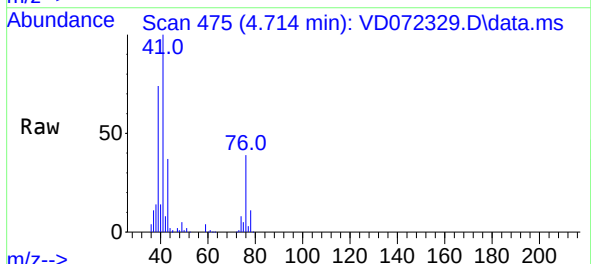
Tgt Ion: 76 Resp: 450652
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

Manual Integrations
APPROVED

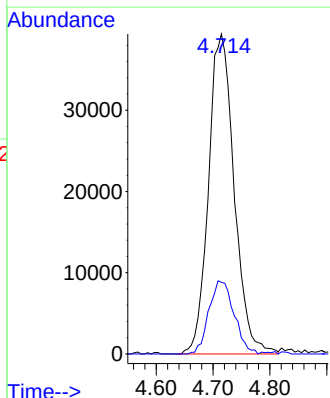
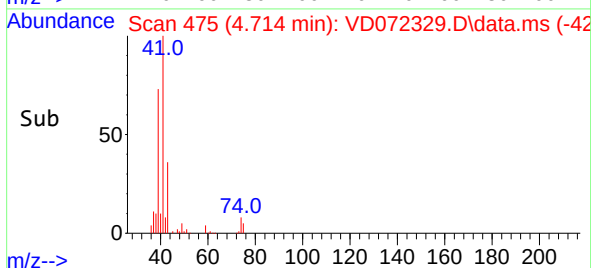
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

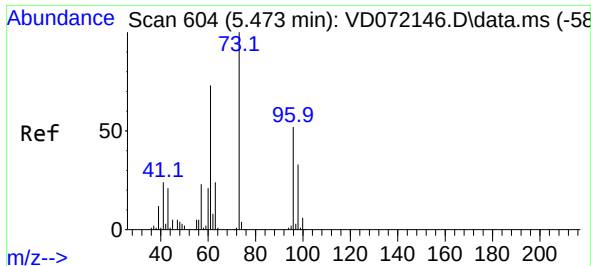


#18
Methyl Acetate
Concen: 51.022 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47



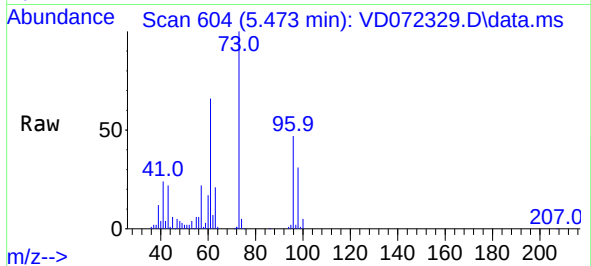
Tgt Ion: 43 Resp: 123706
Ion Ratio Lower Upper
43 100
74 22.5 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 52.664 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

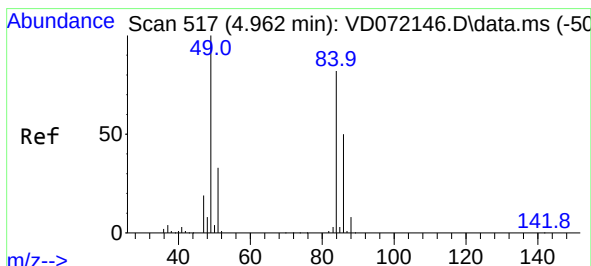
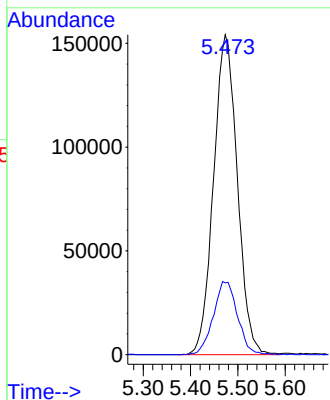
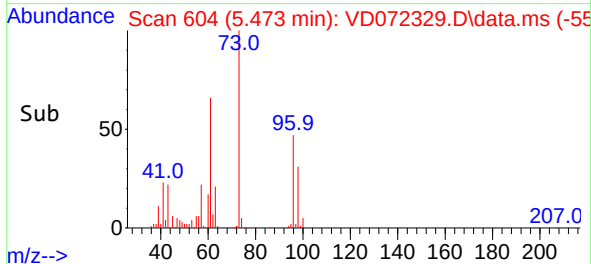
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



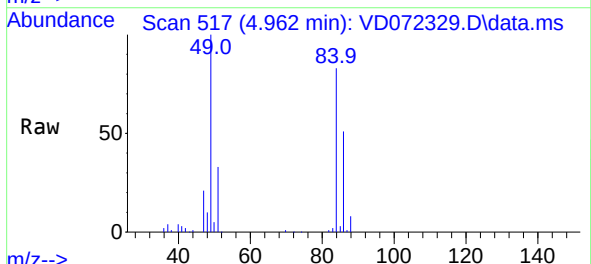
Tgt Ion: 73 Resp: 537918
Ion Ratio Lower Upper
73 100
57 22.4 18.0 27.0

Manual Integrations
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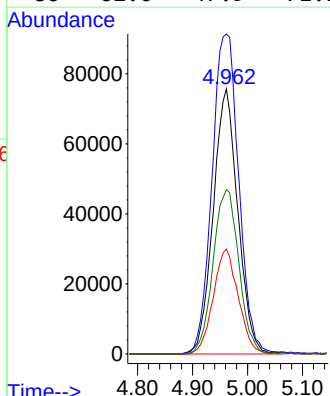
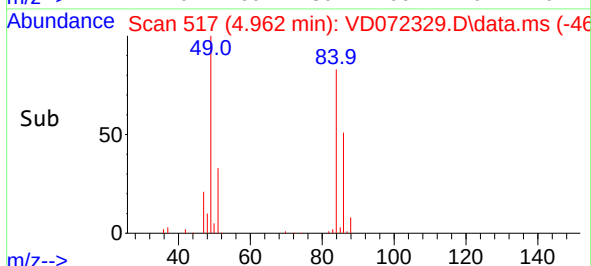
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

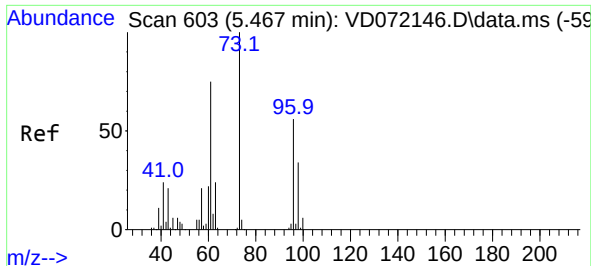


#20
Methylene Chloride
Concen: 47.931 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47



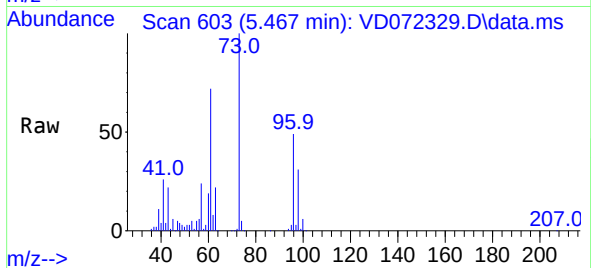
Tgt Ion: 84 Resp: 236015
Ion Ratio Lower Upper
84 100
49 120.7 112.8 169.2
51 39.6 32.6 48.8
86 62.0 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 54.531 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

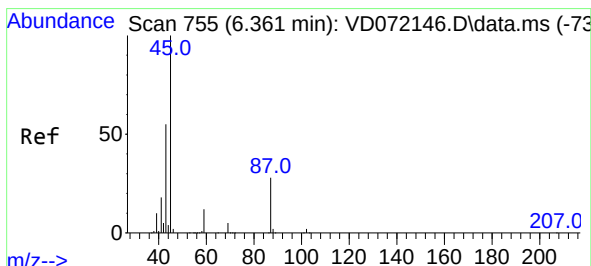
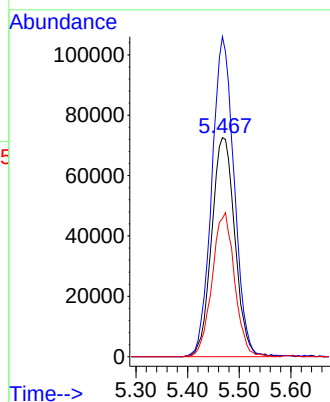
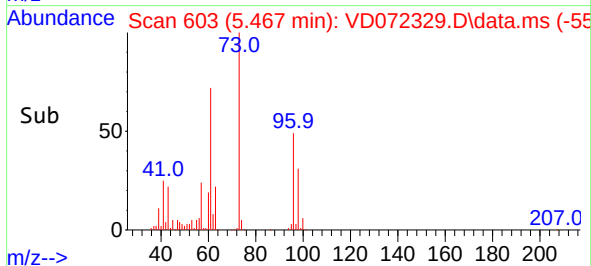
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



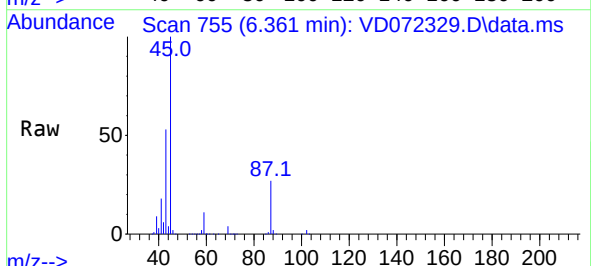
Tgt Ion: 96 Resp: 22665
Ion Ratio Lower Upper
96 100
61 146.1 117.9 176.9
98 63.1 49.4 74.2

Manual Integrations
APPROVED

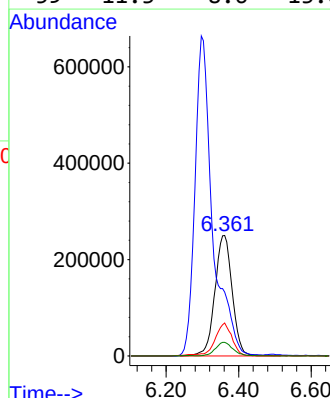
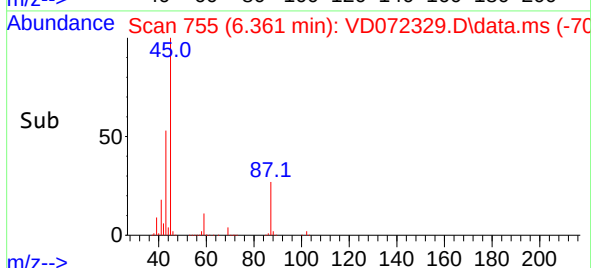
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

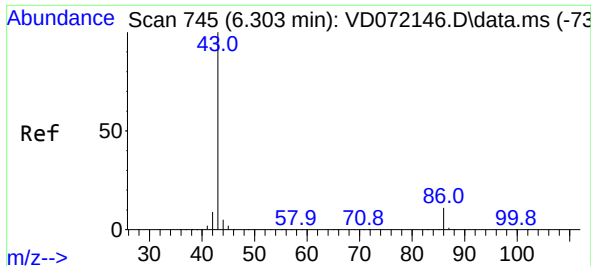


#22
Diisopropyl ether
Concen: 55.450 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47



Tgt Ion: 45 Resp: 830995
Ion Ratio Lower Upper
45 100
43 52.2 46.6 70.0
87 27.2 18.4 27.6
59 11.3 8.6 13.0





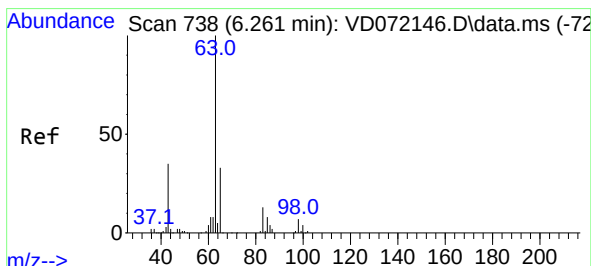
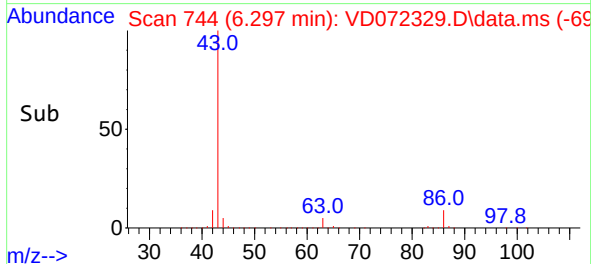
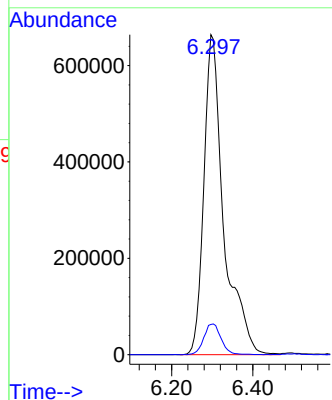
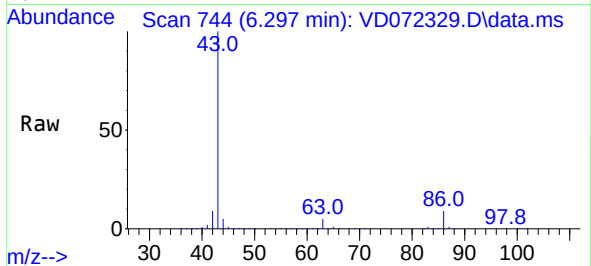
#23
 Vinyl Acetate
 Concen: 294.160 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.006 min
 Lab File: VD072329.D
 Acq: 21 Mar 2022 09:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 224984
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.1 10.7

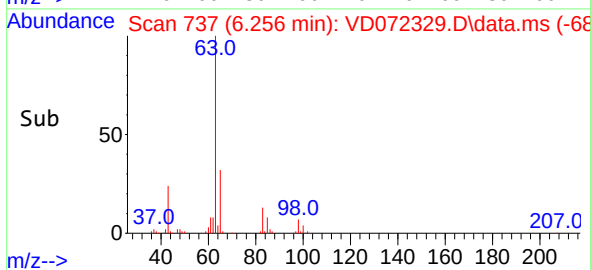
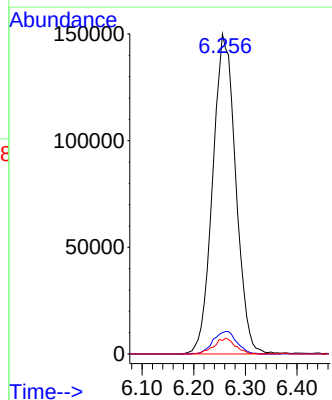
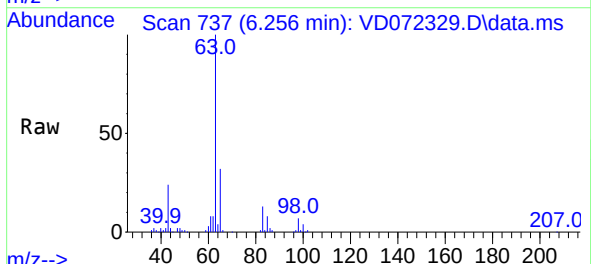
Manual Integrations
 APPROVED

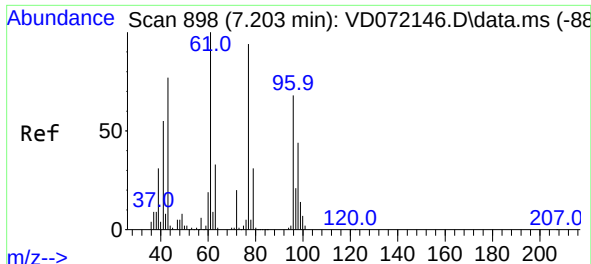
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 03/22/2022



#24
 1,1-Dichloroethane
 Concen: 52.623 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD072329.D
 Acq: 21 Mar 2022 09:47

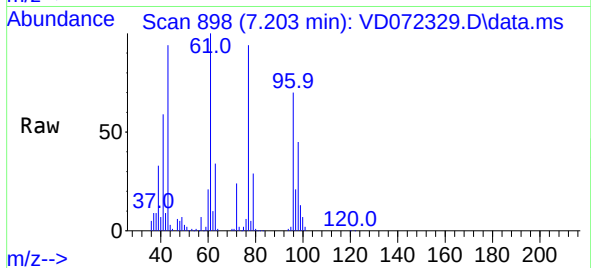
Tgt Ion: 63 Resp: 465103
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.9
 100 4.2 2.1 6.5





#25
2-Butanone
Concen: 287.329 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

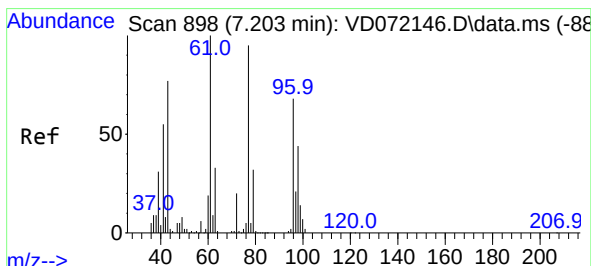
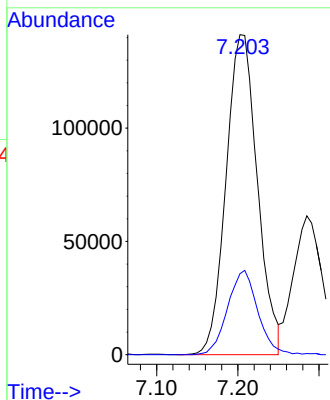
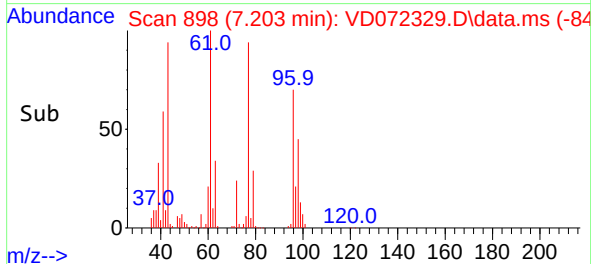
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



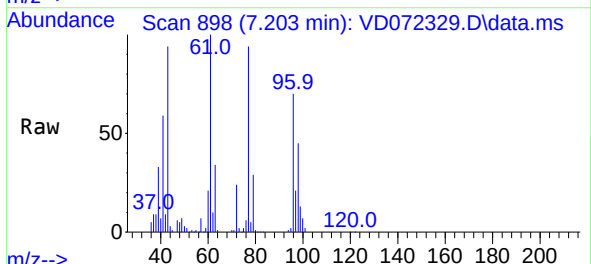
Tgt Ion: 43 Resp: 379020
Ion Ratio Lower Upper
43 100
72 25.3 18.6 27.8

Manual Integrations
APPROVED

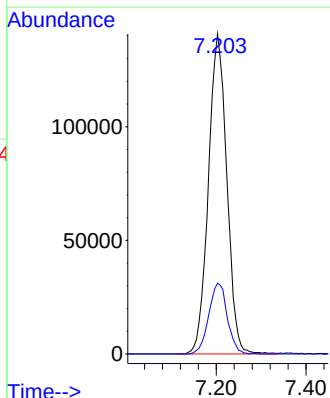
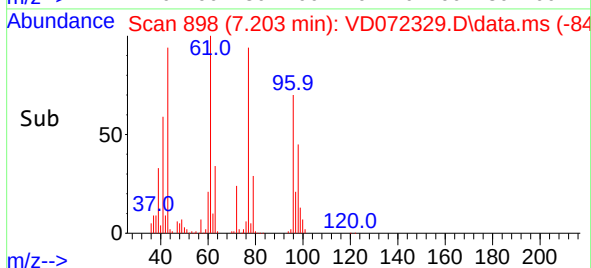
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

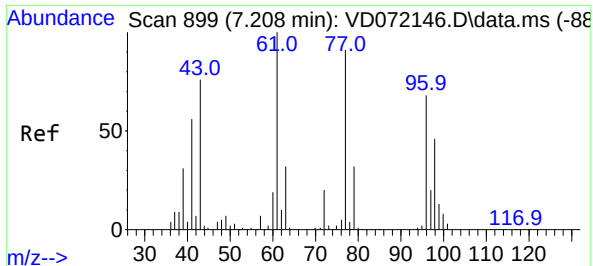


#26
2,2-Dichloropropane
Concen: 50.384 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47



Tgt Ion: 77 Resp: 401796
Ion Ratio Lower Upper
77 100
97 22.2 10.8 32.4





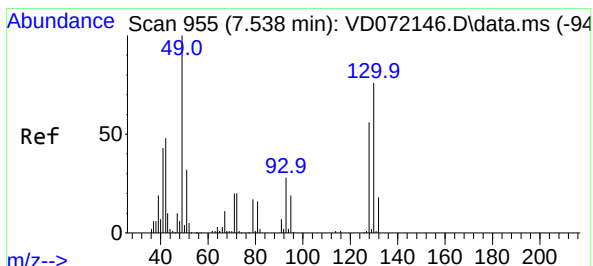
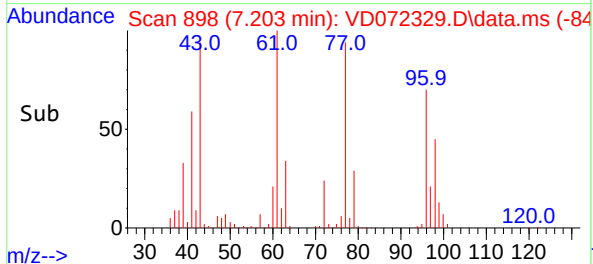
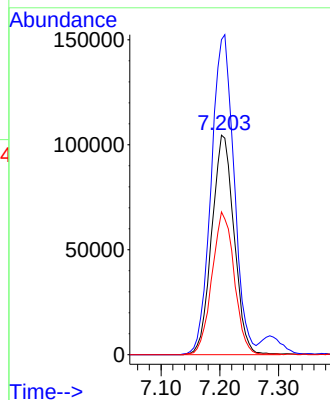
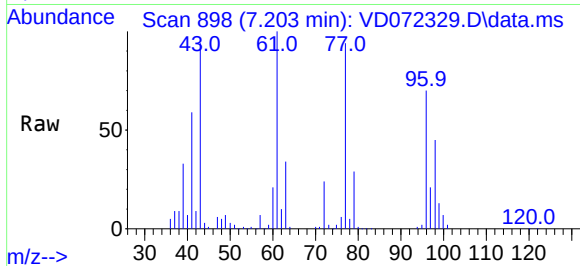
#27
cis-1,2-Dichloroethene
Concen: 52.065 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 276285
Ion Ratio Lower Upper
96 100
61 149.2 0.0 313.8
98 64.9 0.0 128.8

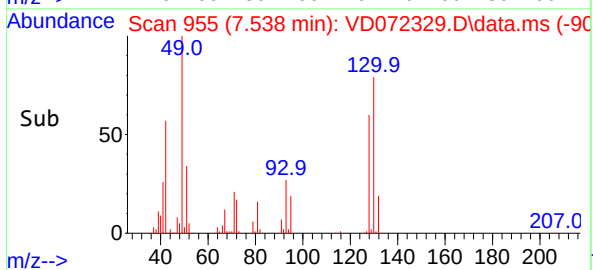
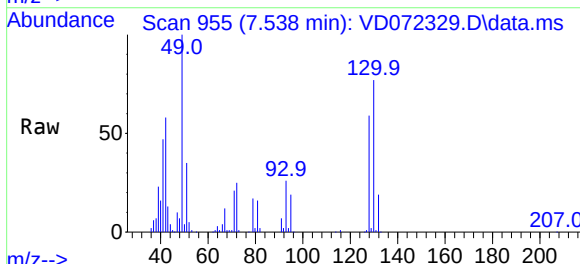
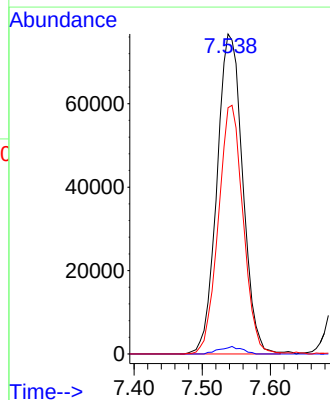
Manual Integrations
APPROVED

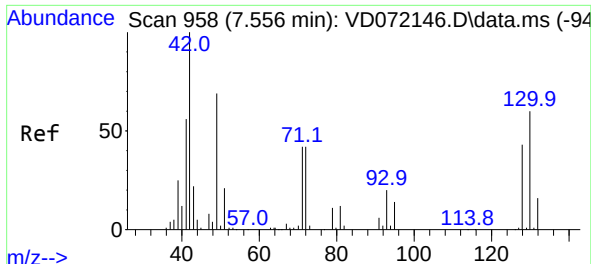
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#28
Bromochloromethane
Concen: 56.585 ug/l
RT: 7.538 min Scan# 955
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

Tgt Ion: 49 Resp: 201336
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 74.9 52.6 79.0





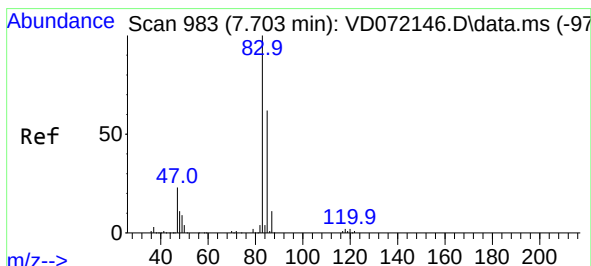
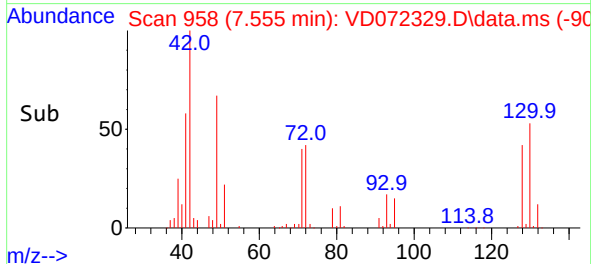
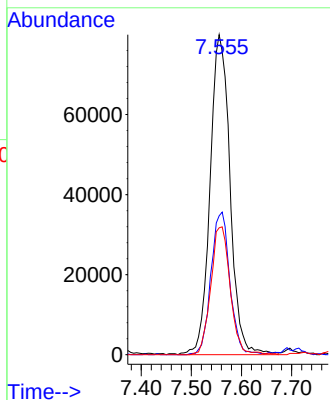
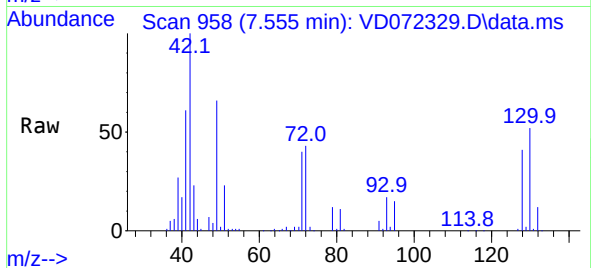
#29
Tetrahydrofuran
Concen: 285.374 ug/l
RT: 7.555 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 221350
Ion Ratio Lower Upper
42 100
72 42.1 30.7 46.1
71 38.7 28.6 43.0

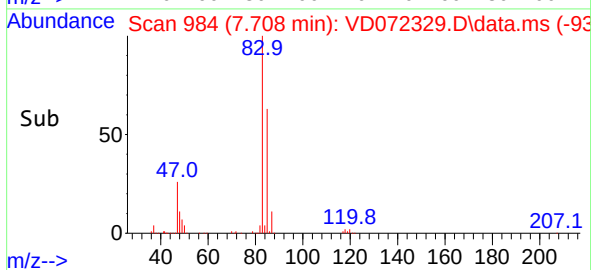
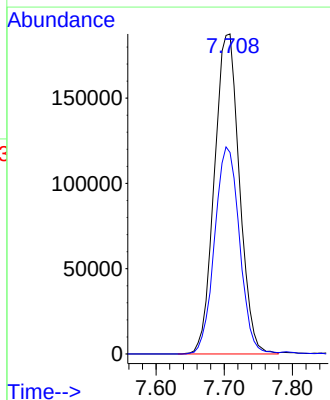
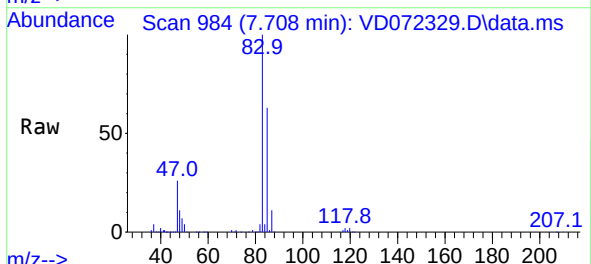
Manual Integrations
APPROVED

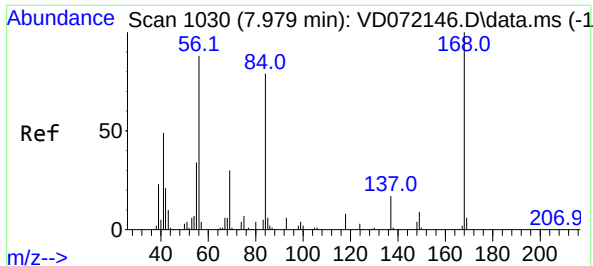
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#30
Chloroform
Concen: 50.944 ug/l
RT: 7.708 min Scan# 984
Delta R.T. 0.006 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

Tgt Ion: 83 Resp: 479682
Ion Ratio Lower Upper
83 100
85 62.9 52.7 79.1





#31

Cyclohexane

Concen: 51.574 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD072329.D

Acq: 21 Mar 2022 09:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 36716

Ion Ratio Lower Upper

56 100

69 33.5 25.4 38.2

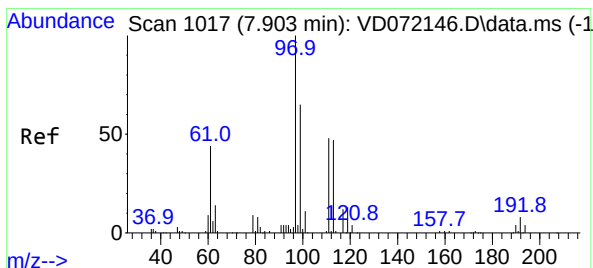
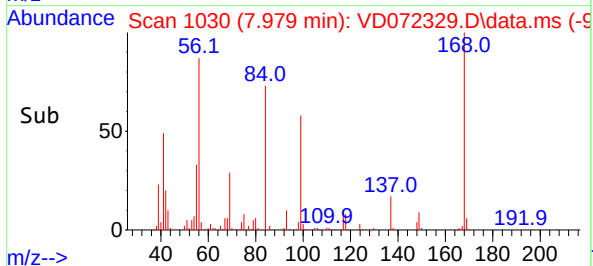
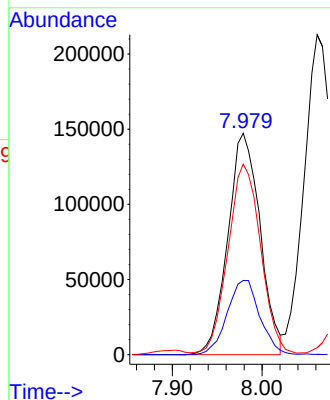
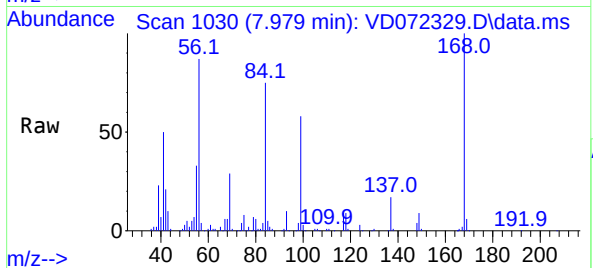
84 84.3 63.0 94.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#32

1,1,1-Trichloroethane

Concen: 49.936 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD072329.D

Acq: 21 Mar 2022 09:47

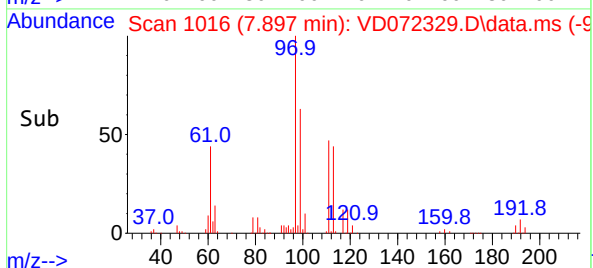
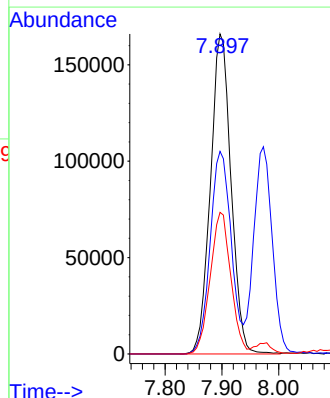
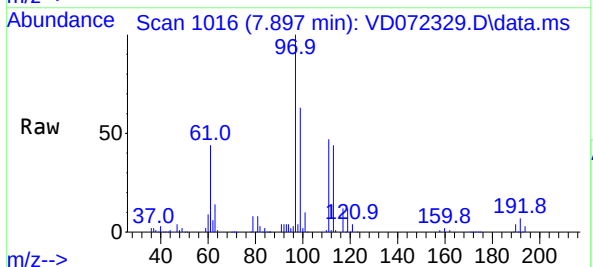
Tgt Ion: 97 Resp: 417602

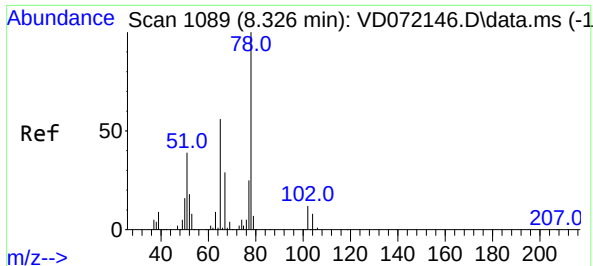
Ion Ratio Lower Upper

97 100

99 65.0 52.4 78.6

61 44.5 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 50.646 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072329.D

Acq: 21 Mar 2022 09:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 230780

Ion Ratio Lower Upper

65 100

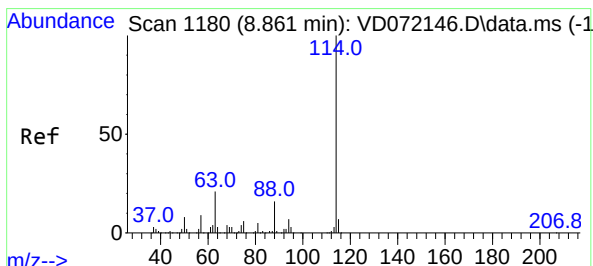
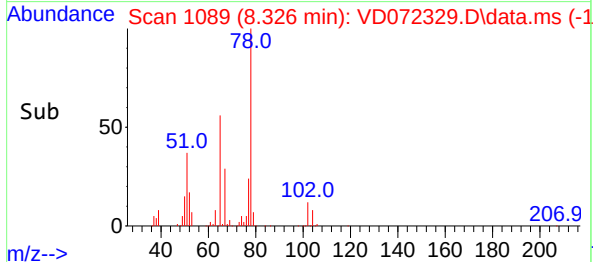
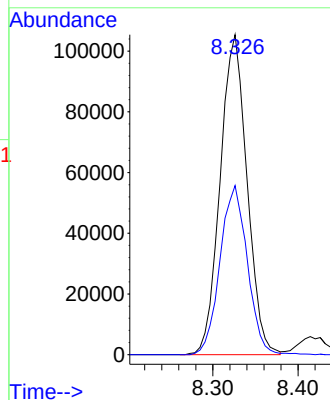
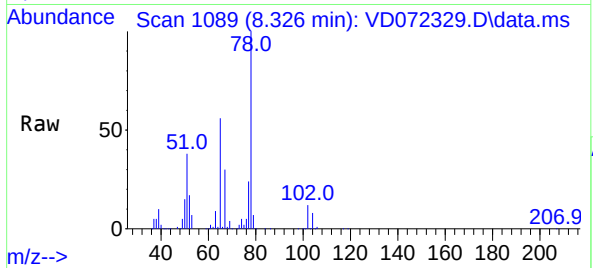
67 53.8 0.0 101.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072329.D

Acq: 21 Mar 2022 09:47

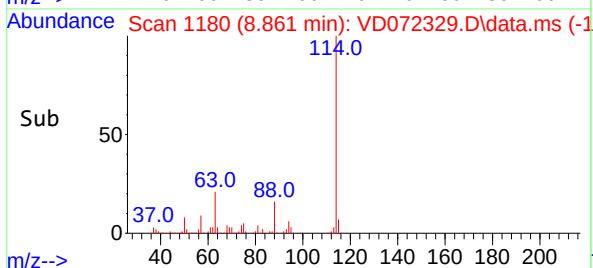
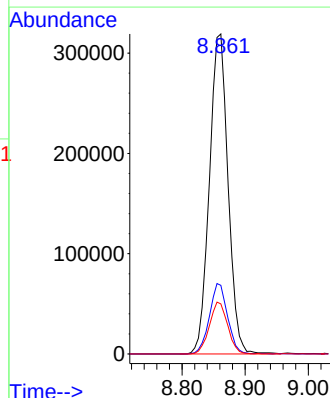
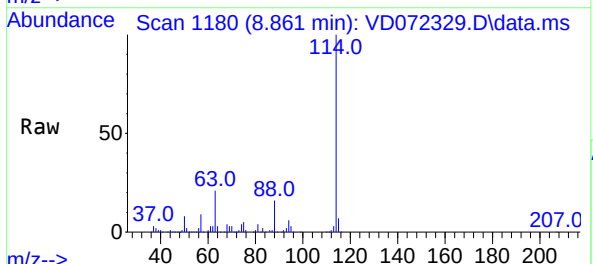
Tgt Ion:114 Resp: 654229

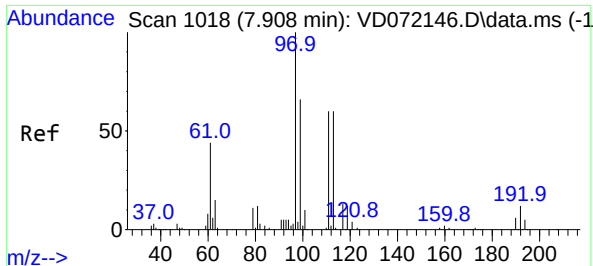
Ion Ratio Lower Upper

114 100

63 21.5 0.0 46.6

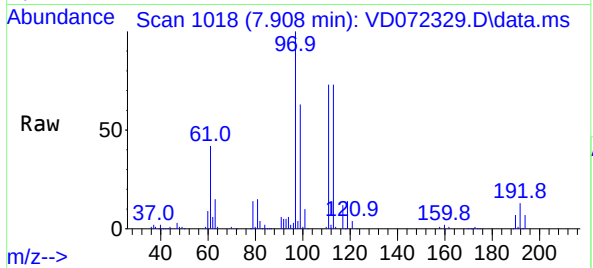
88 15.7 0.0 33.2





#35
Dibromofluoromethane
Concen: 50.623 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

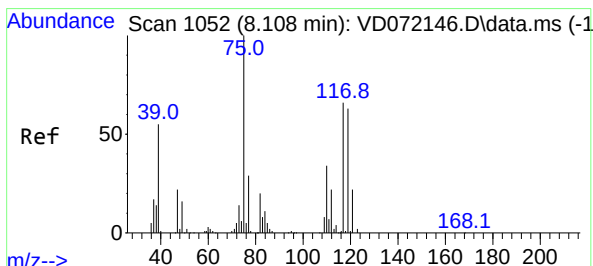
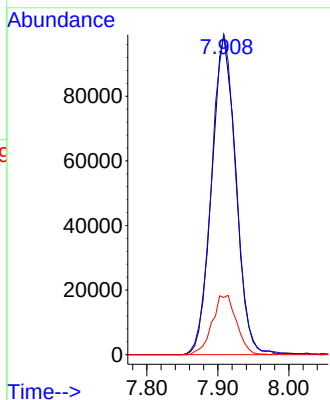
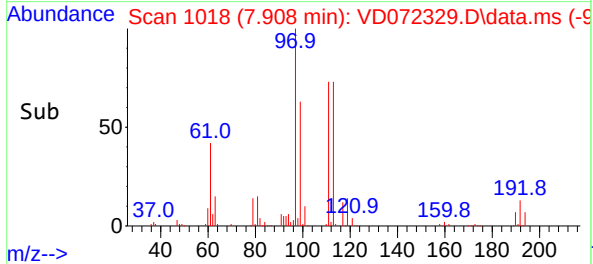
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



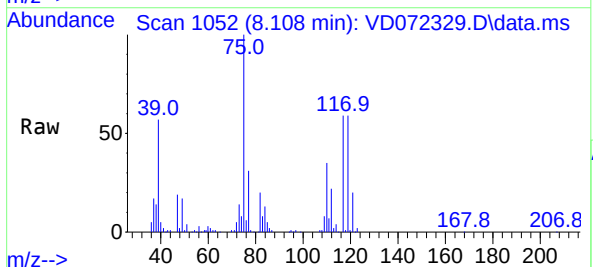
Tgt Ion:113 Resp: 233059
Ion Ratio Lower Upper
113 100
111 101.5 83.8 125.6
192 18.8 14.6 21.8

Manual Integrations
APPROVED

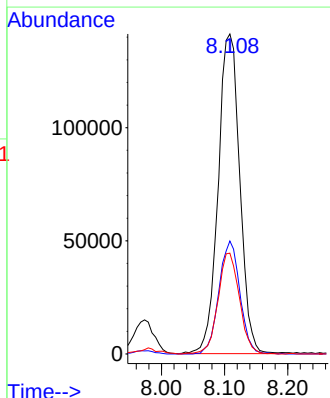
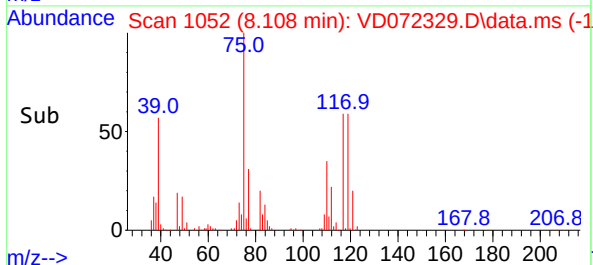
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

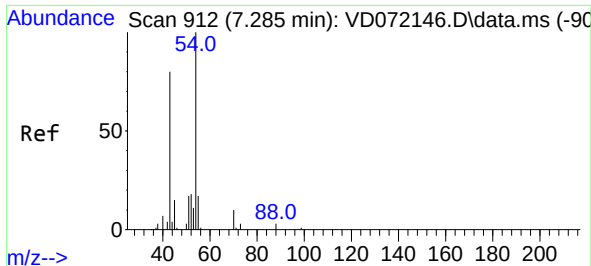


#36
1,1-Dichloropropene
Concen: 52.057 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47



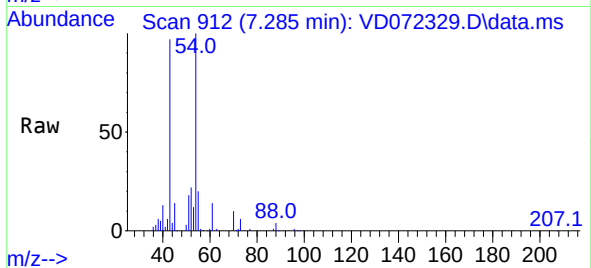
Tgt Ion: 75 Resp: 336218
Ion Ratio Lower Upper
75 100
110 34.4 16.4 49.1
77 31.3 24.2 36.2





#37
Ethyl Acetate
Concen: 55.539 ug/l
RT: 7.285 min Scan# 912
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

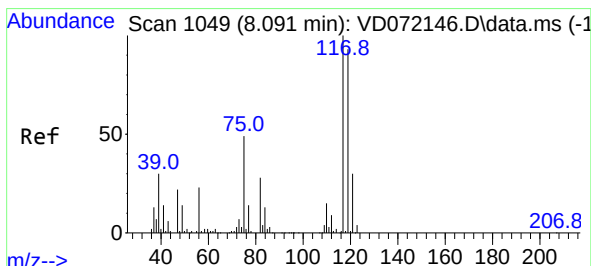
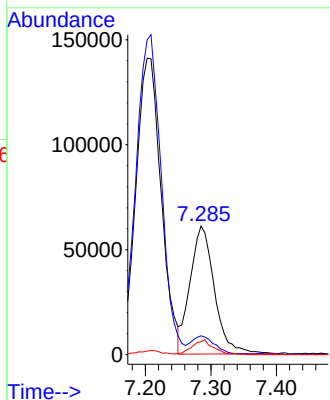
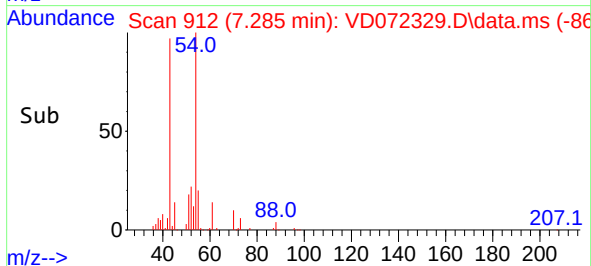
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 15712
Ion Ratio Lower Upper
43 100
61 13.3 9.8 14.8
70 10.2 6.9 10.3

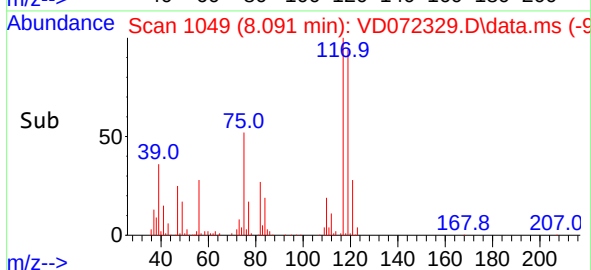
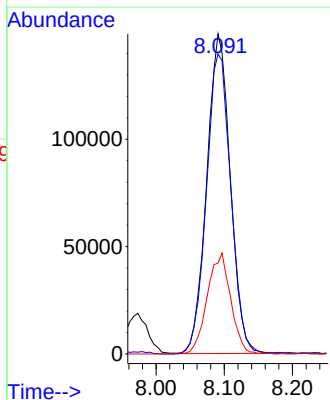
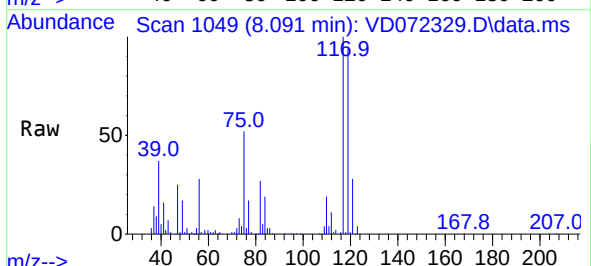
Manual Integrations
APPROVED

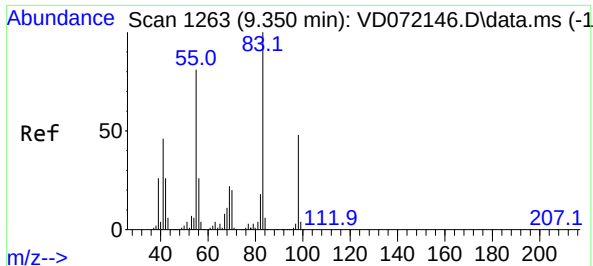
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#38
Carbon Tetrachloride
Concen: 48.782 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

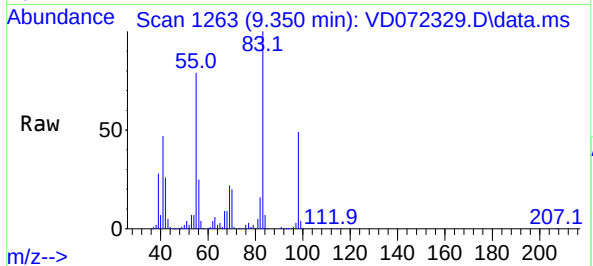
Tgt Ion:117 Resp: 358140
Ion Ratio Lower Upper
117 100
119 93.7 75.8 113.6
121 28.5 24.5 36.7





#39
Methylcyclohexane
Concen: 53.035 ug/l
RT: 9.350 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

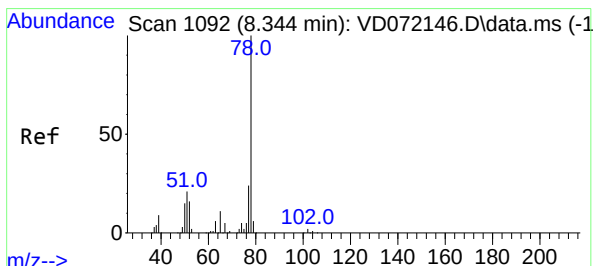
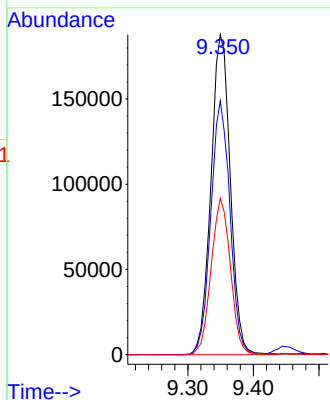
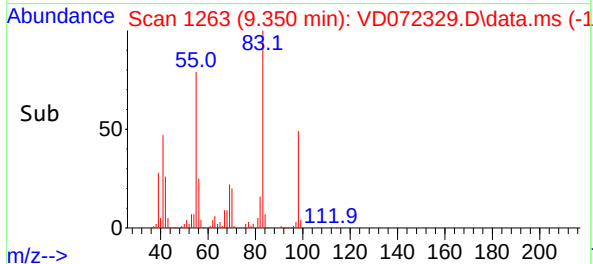
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 385450
Ion Ratio Lower Upper
83 100
55 79.3 63.2 94.8
98 48.9 38.2 57.4

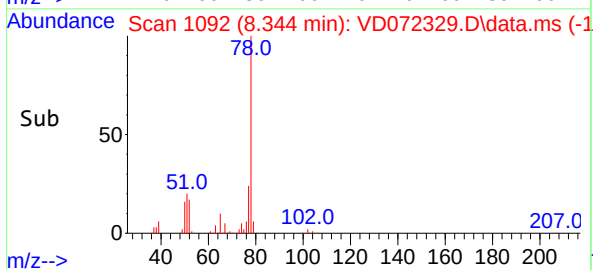
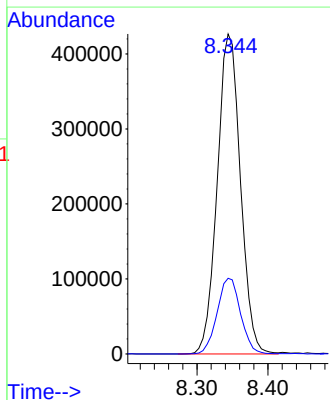
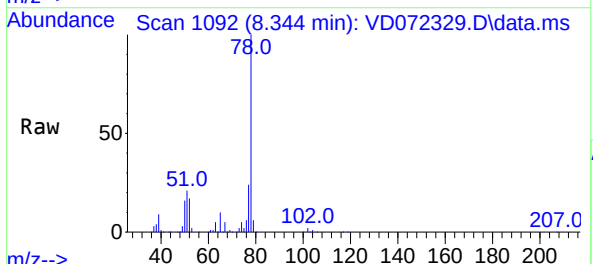
Manual Integrations
APPROVED

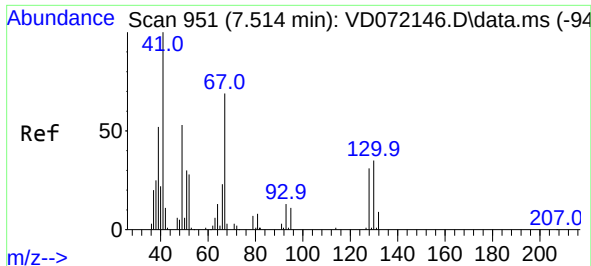
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#40
Benzene
Concen: 52.430 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

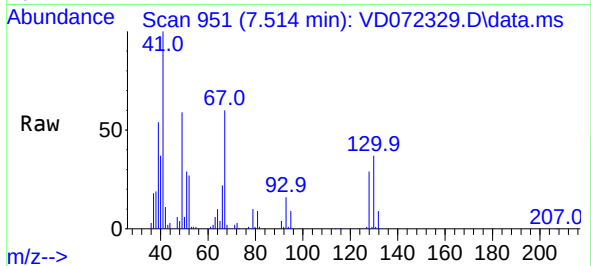
Tgt Ion: 78 Resp: 966055
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7





#41
Methacrylonitrile
Concen: 59.758 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

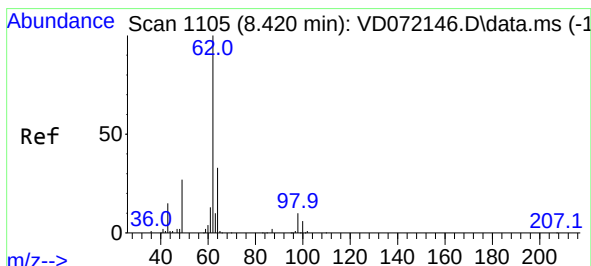
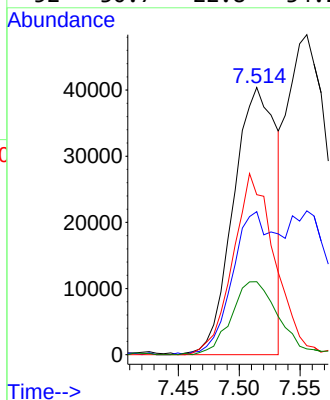
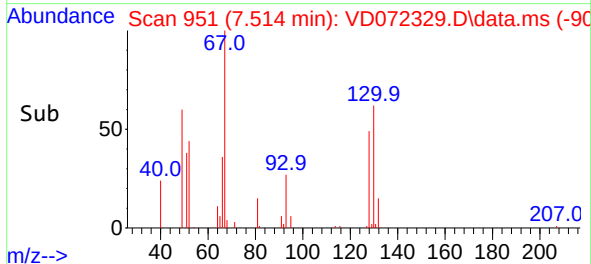
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



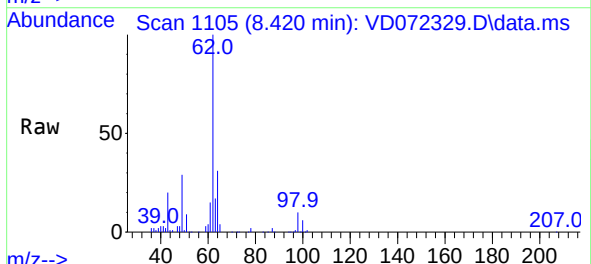
Tgt Ion: 41 Resp: 98540
Ion Ratio Lower Upper
41 100
39 53.5 44.6 67.0
67 67.3 48.2 72.4
52 30.7 22.8 34.2

Manual Integrations
APPROVED

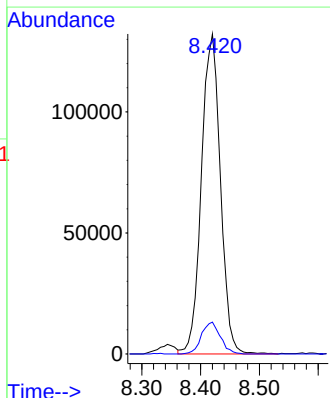
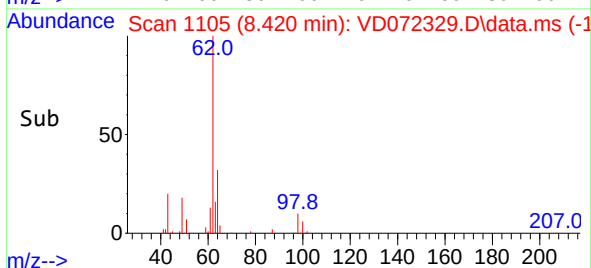
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

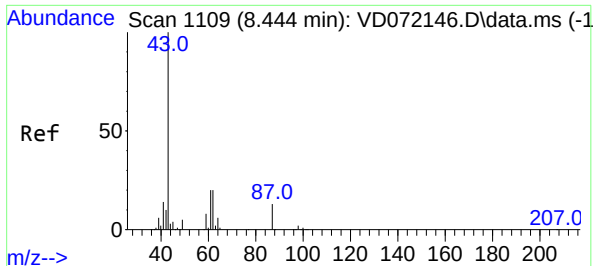


#42
1,2-Dichloroethane
Concen: 53.010 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47



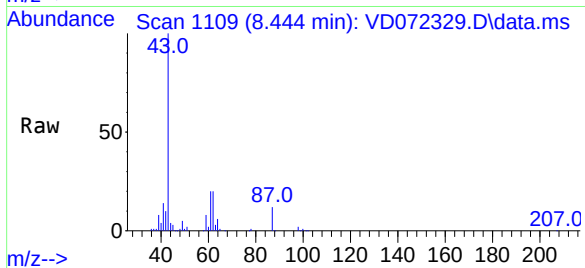
Tgt Ion: 62 Resp: 296297
Ion Ratio Lower Upper
62 100
98 9.9 0.0 17.6





#43
Isopropyl Acetate
Concen: 55.302 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

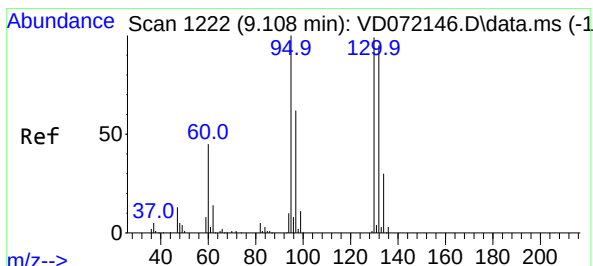
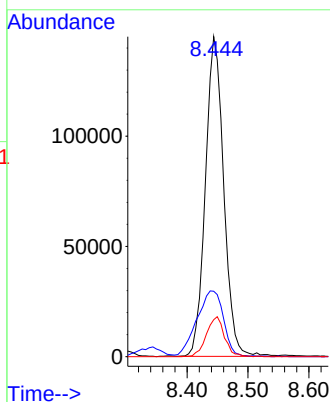
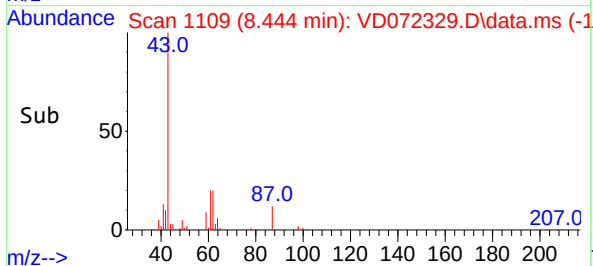
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 303674
Ion Ratio Lower Upper
43 100
61 30.1 22.4 33.6
87 12.3 8.7 13.1

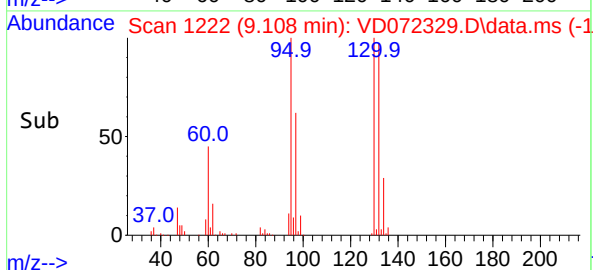
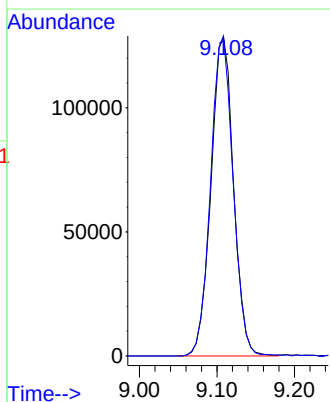
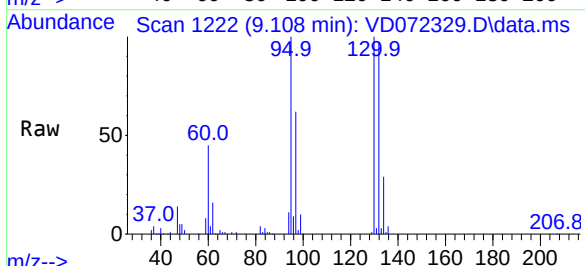
Manual Integrations
APPROVED

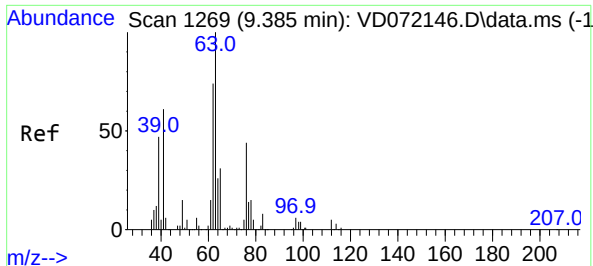
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#44
Trichloroethene
Concen: 50.067 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

Tgt Ion:130 Resp: 258981
Ion Ratio Lower Upper
130 100
95 100.3 0.0 205.4





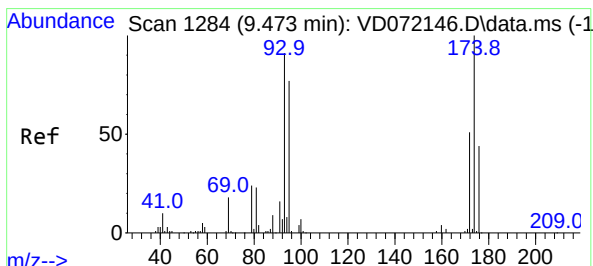
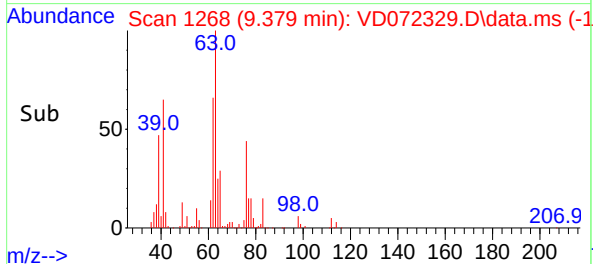
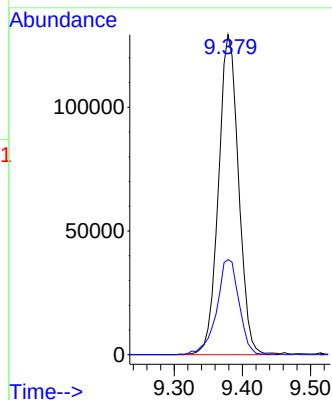
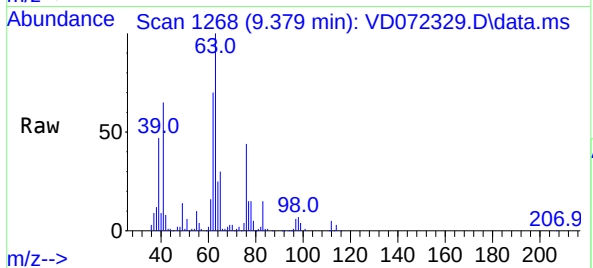
#45
1,2-Dichloropropane
Concen: 52.446 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.006 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 265024
Ion Ratio Lower Upper
63 100
65 29.5 26.2 39.4

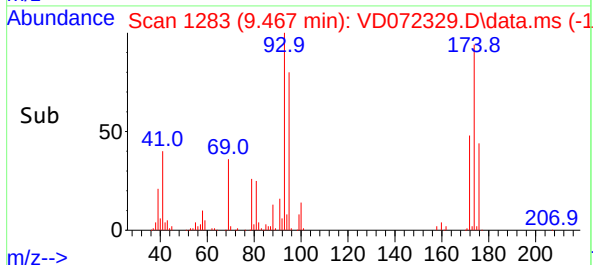
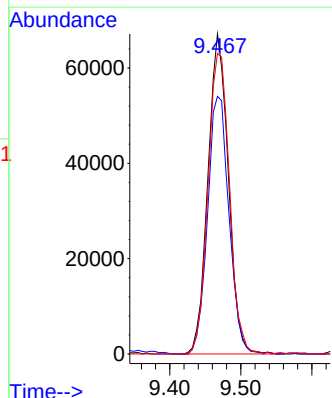
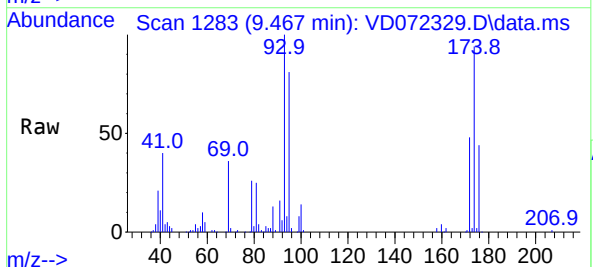
Manual Integrations
APPROVED

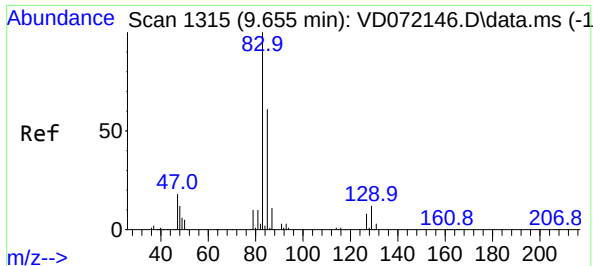
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#46
Dibromomethane
Concen: 54.000 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

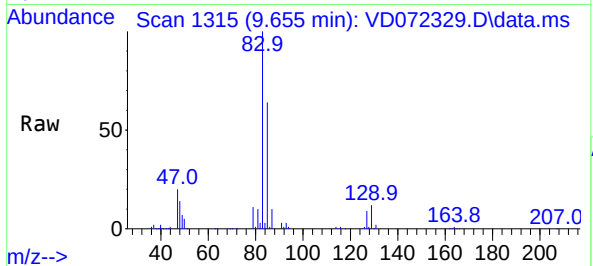
Tgt Ion: 93 Resp: 134230
Ion Ratio Lower Upper
93 100
95 84.5 66.7 100.1
174 98.4 71.6 107.4





#47
Bromodichloromethane
Concen: 51.020 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

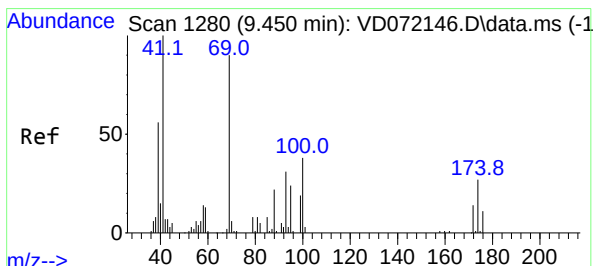
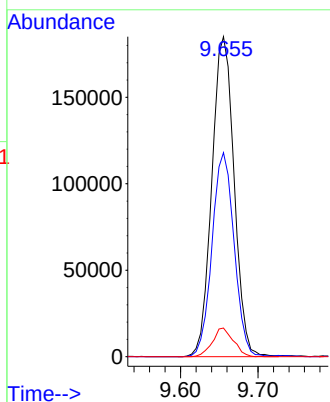
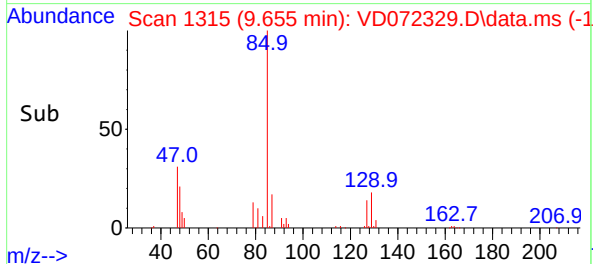
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



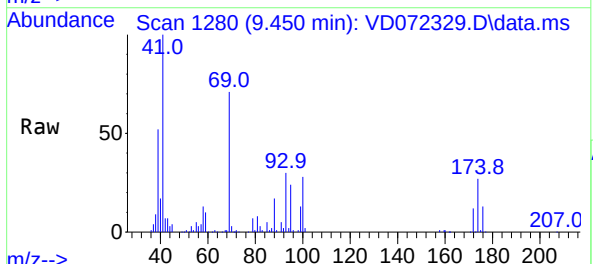
Tgt Ion: 83 Resp: 369718
Ion Ratio Lower Upper
83 100
85 63.8 51.4 77.0
127 9.0 6.1 9.1

Manual Integrations
APPROVED

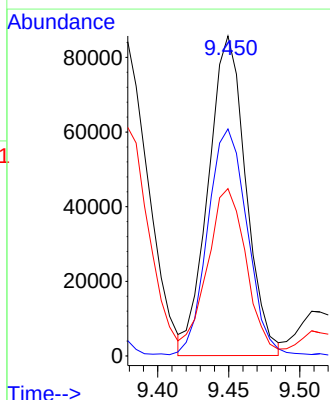
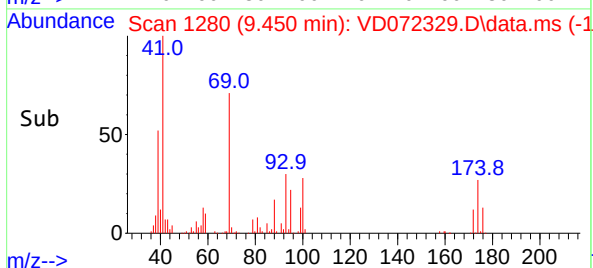
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

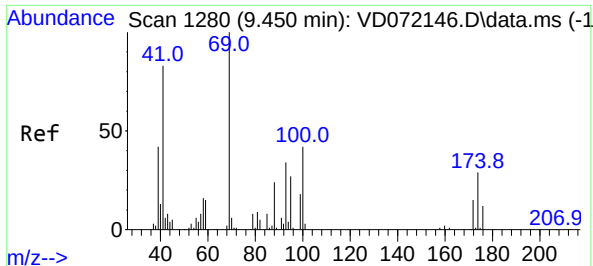


#48
Methyl methacrylate
Concen: 60.132 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47



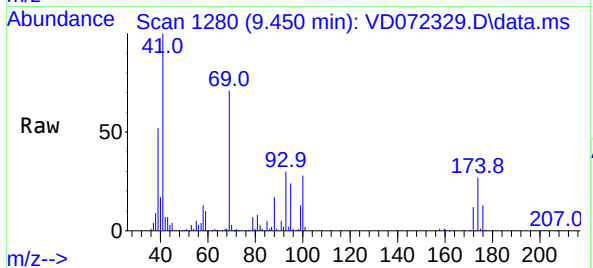
Tgt Ion: 41 Resp: 157667
Ion Ratio Lower Upper
41 100
69 75.7 56.7 85.1
39 54.5 42.7 64.1





#49
1,4-Dioxane
Concen: 1066.249 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

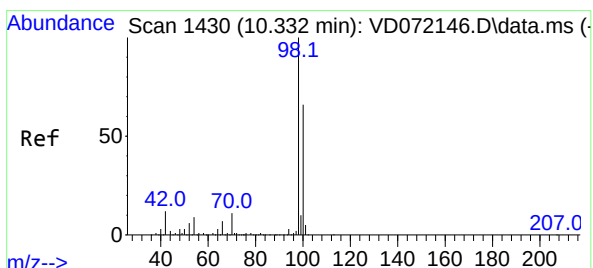
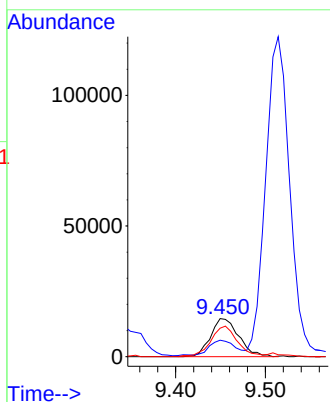
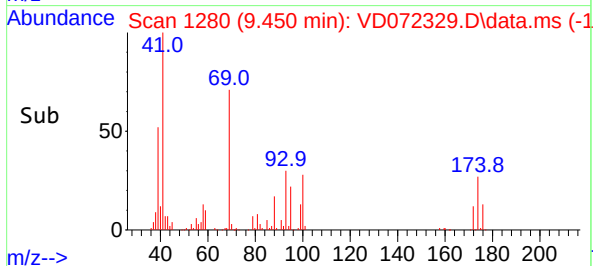
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 3178
Ion Ratio Lower Upper
88 100
43 41.0 31.0 46.4
58 75.7 58.1 87.1

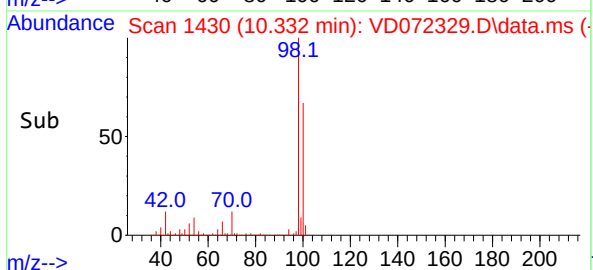
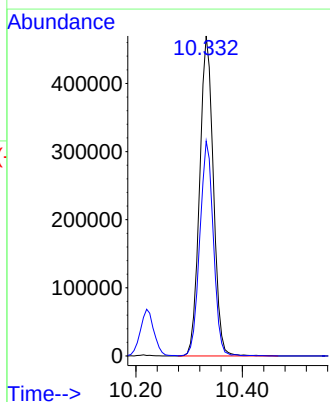
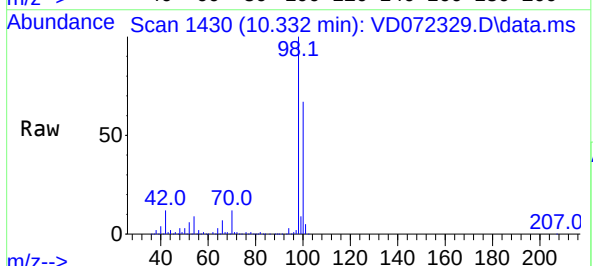
Manual Integrations
APPROVED

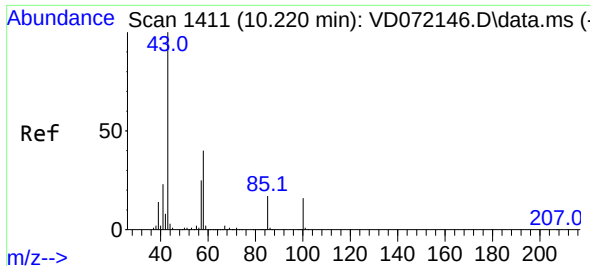
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#50
Toluene-d8
Concen: 49.808 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

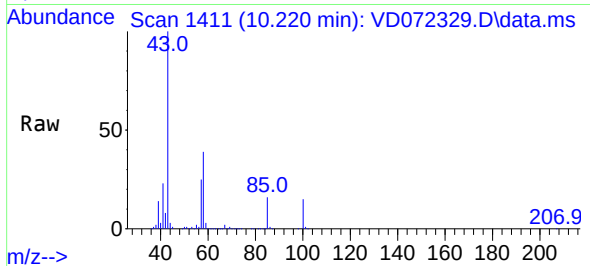
Tgt Ion: 98 Resp: 838467
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 282.185 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

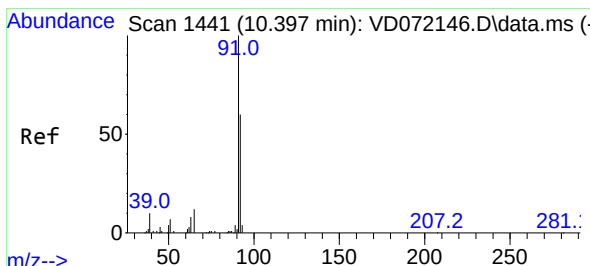
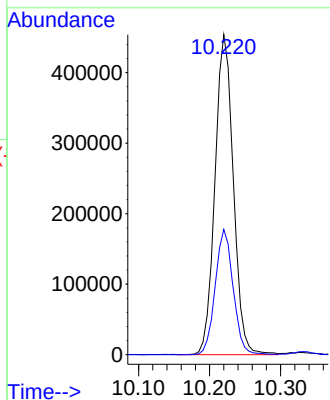
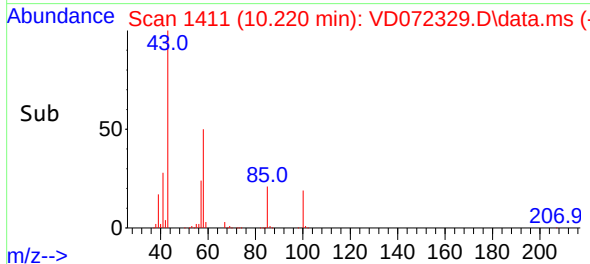
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 81385
Ion Ratio Lower Upper
43 100
58 38.2 28.6 43.0

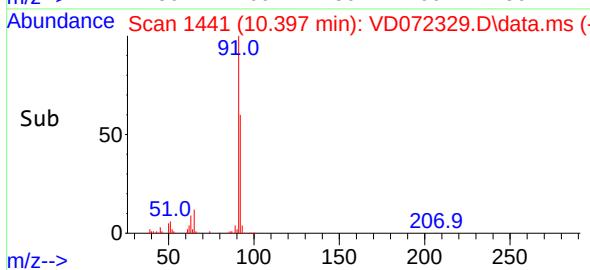
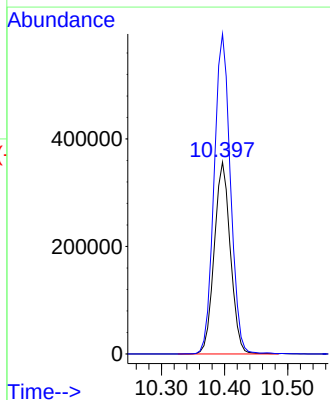
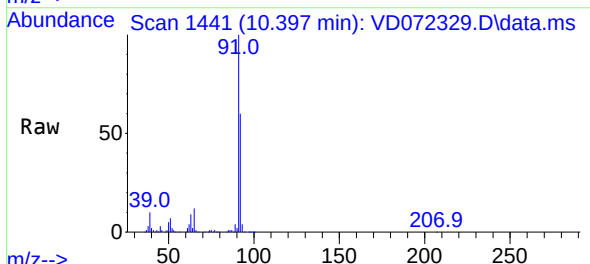
Manual Integrations
APPROVED

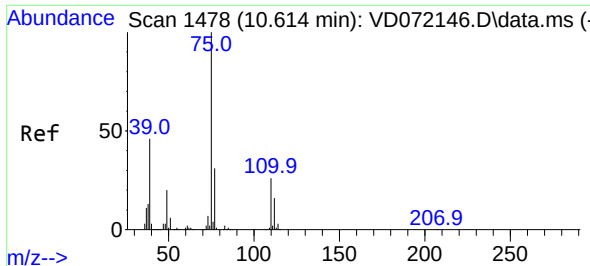
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#52
Toluene
Concen: 52.107 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

Tgt Ion: 92 Resp: 631771
Ion Ratio Lower Upper
92 100
91 168.8 139.6 209.4





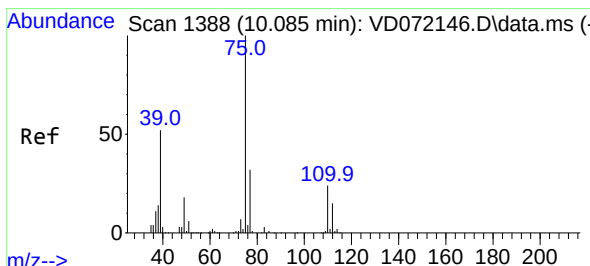
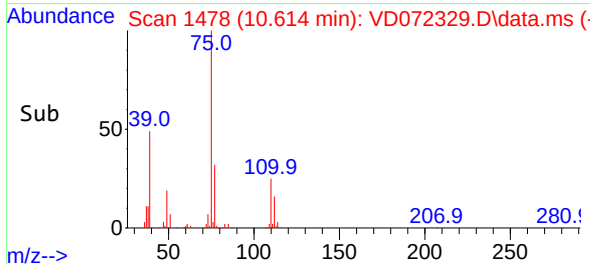
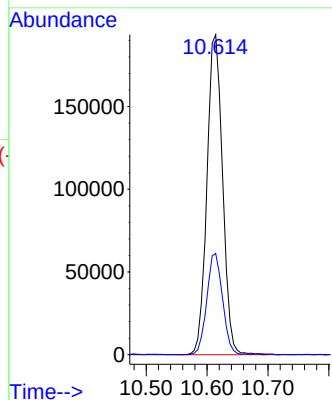
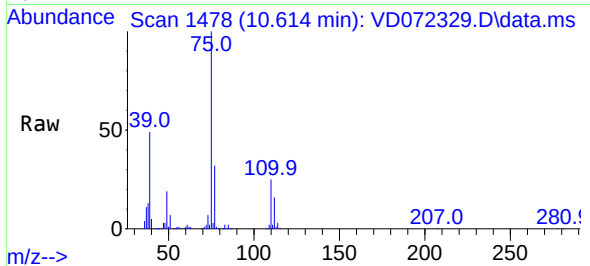
#53
t-1,3-Dichloropropene
Concen: 52.149 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 34526
Ion Ratio Lower Upper
75 100
77 31.6 24.5 36.7

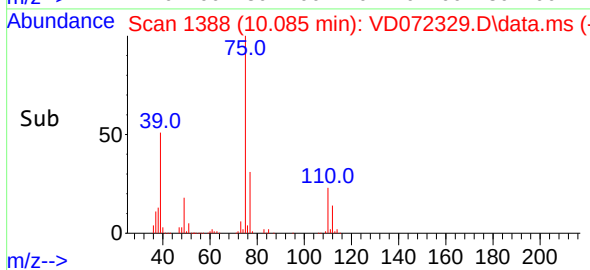
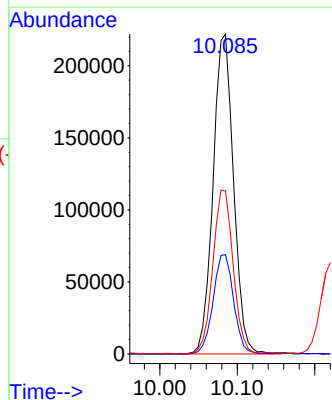
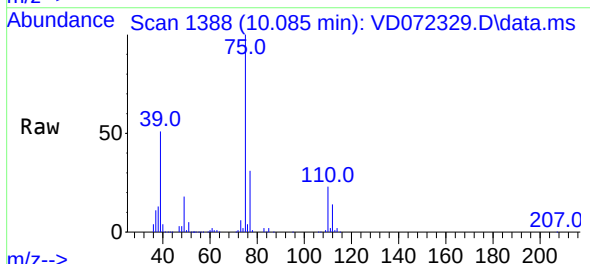
Manual Integrations
APPROVED

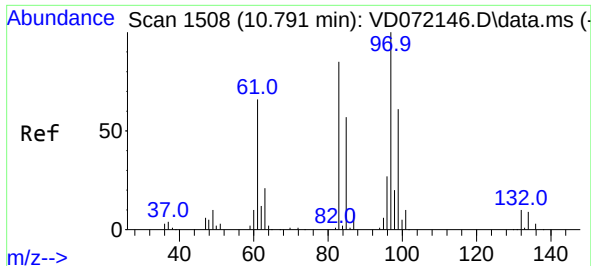
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#54
cis-1,3-Dichloropropene
Concen: 53.188 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

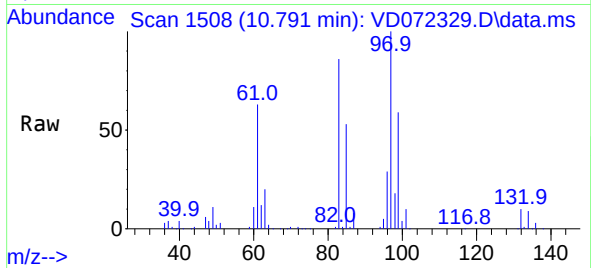
Tgt Ion: 75 Resp: 407084
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2
39 50.8 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 51.640 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

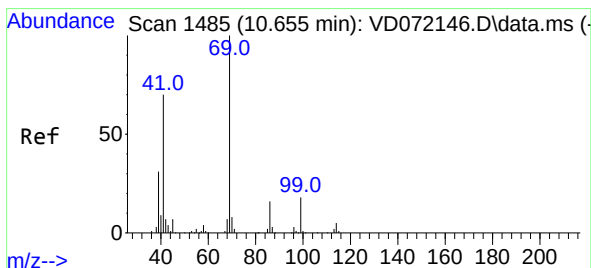
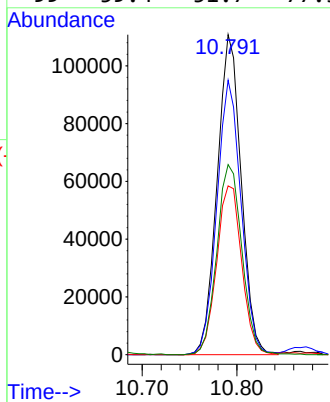
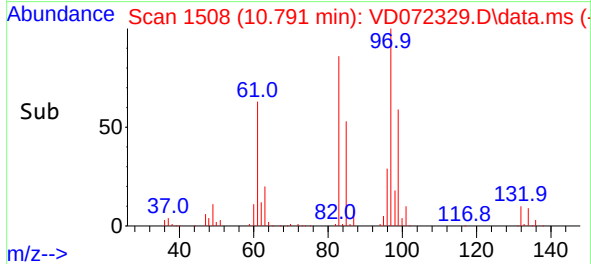
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



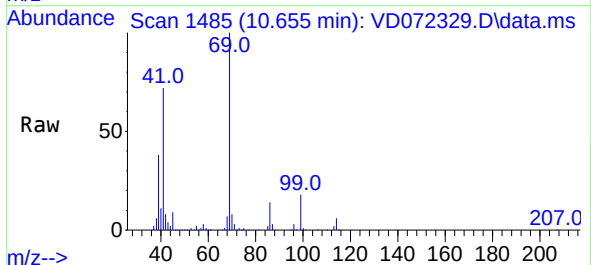
Tgt Ion: 97 Resp: 19554
Ion Ratio Lower Upper
97 100
83 85.8 69.0 103.4
85 52.8 42.6 63.8
99 59.4 51.7 77.5

Manual Integrations
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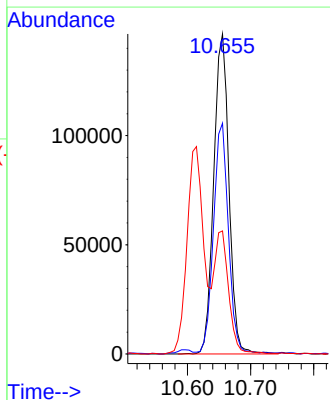
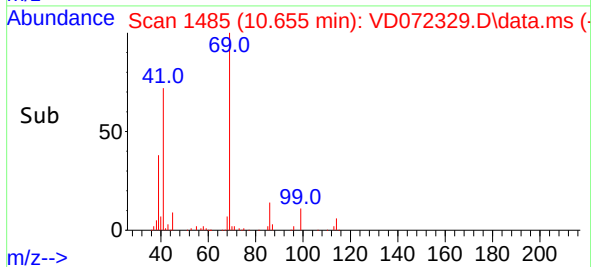
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

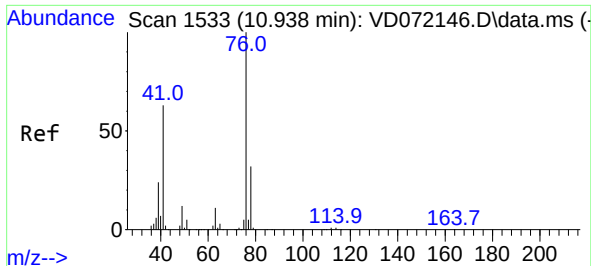


#56
Ethyl methacrylate
Concen: 55.197 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47



Tgt Ion: 69 Resp: 244813
Ion Ratio Lower Upper
69 100
41 70.4 63.0 94.6
39 34.5 33.8 50.8





#57

1,3-Dichloropropane

Concen: 53.061 ug/l

RT: 10.938 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD072329.D

Acq: 21 Mar 2022 09:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 33721

Ion Ratio Lower Upper

76 100

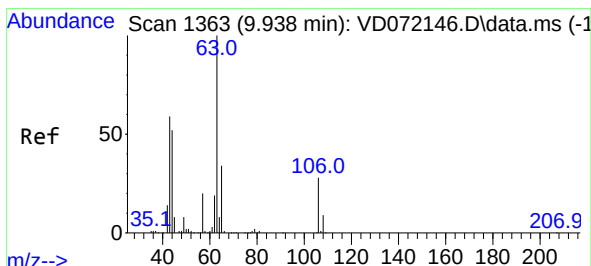
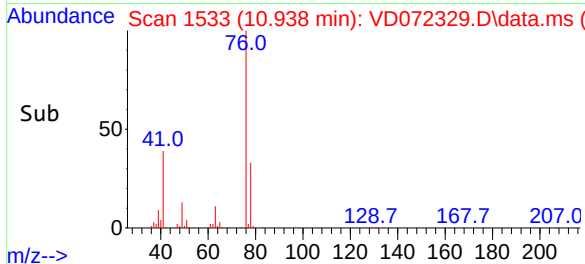
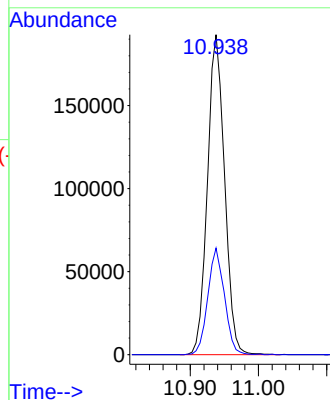
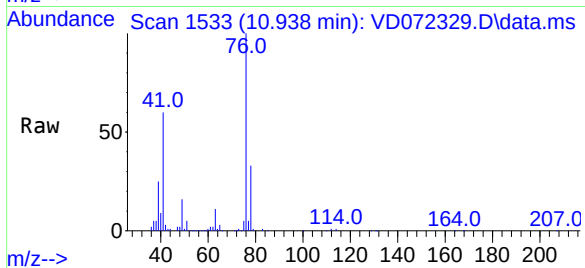
78 32.3 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#58

2-Chloroethyl Vinyl ether

Concen: 272.129 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VD072329.D

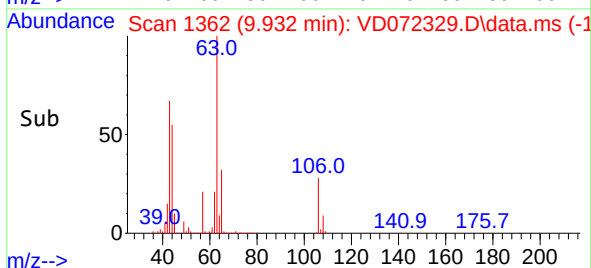
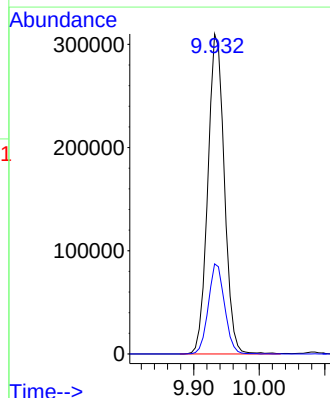
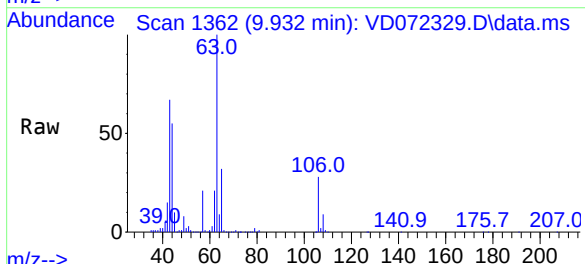
Acq: 21 Mar 2022 09:47

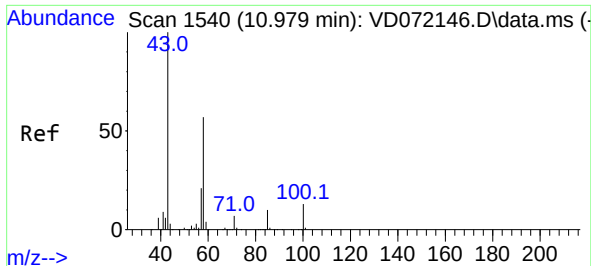
Tgt Ion: 63 Resp: 542685

Ion Ratio Lower Upper

63 100

106 27.8 21.4 32.0





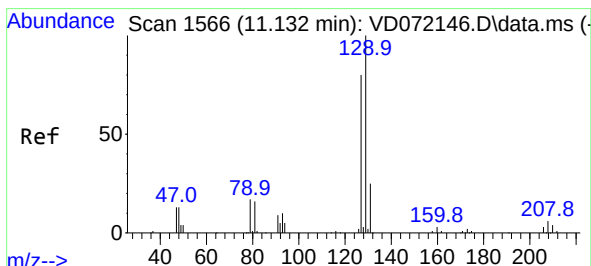
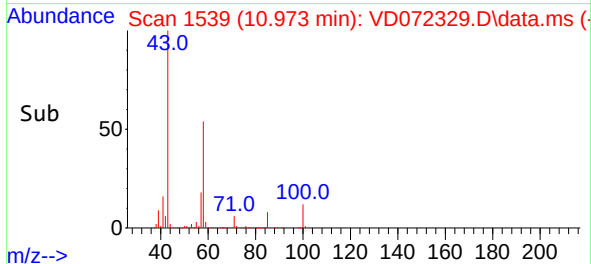
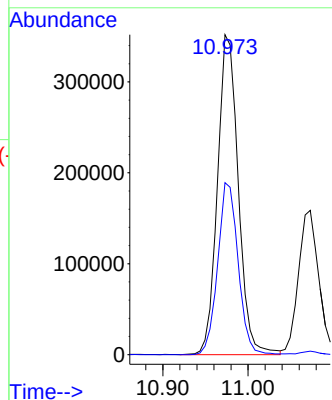
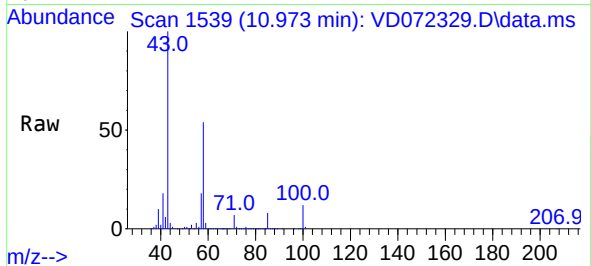
#59
2-Hexanone
Concen: 299.999 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 59759
Ion Ratio Lower Upper
43 100
58 52.8 25.3 75.9

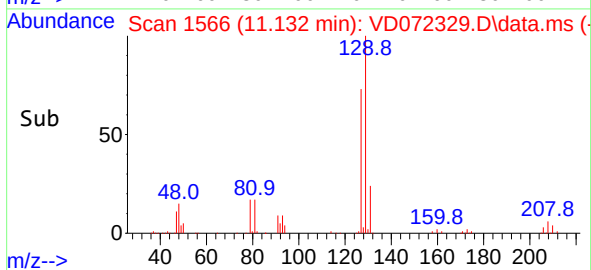
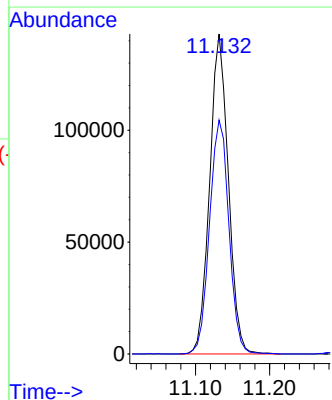
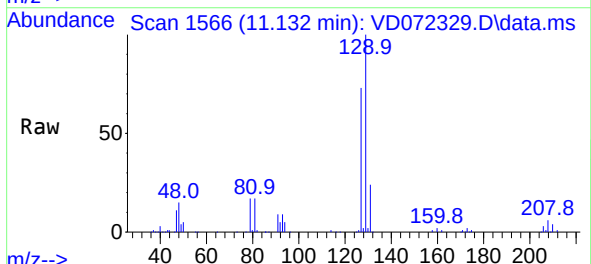
Manual Integrations
APPROVED

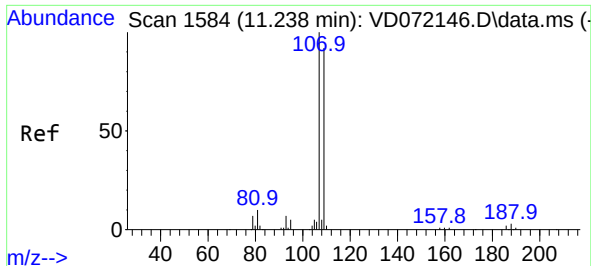
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#60
Dibromochloromethane
Concen: 50.909 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

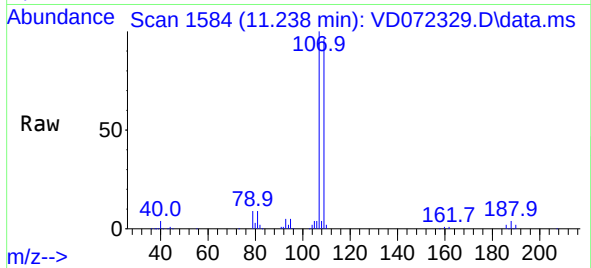
Tgt Ion:129 Resp: 250147
Ion Ratio Lower Upper
129 100
127 75.9 39.2 117.6





#61
1,2-Dibromoethane
Concen: 51.214 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

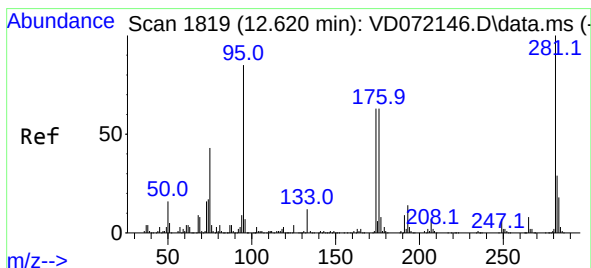
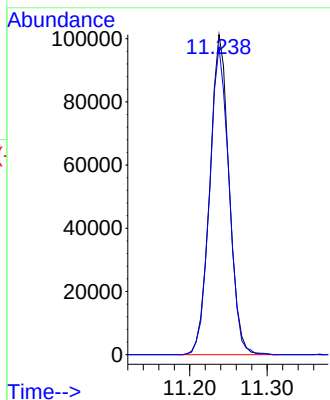
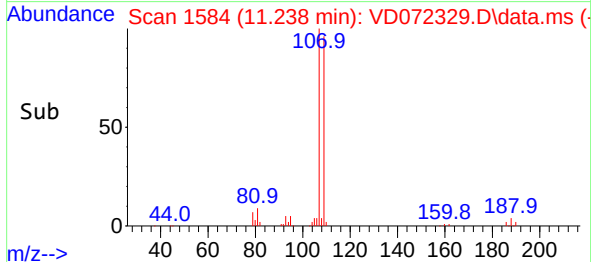
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



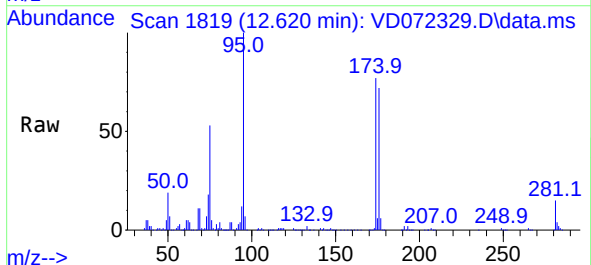
Tgt Ion:107 Resp: 17523
Ion Ratio Lower Upper
107 100
109 96.7 74.2 111.4

Manual Integrations
APPROVED

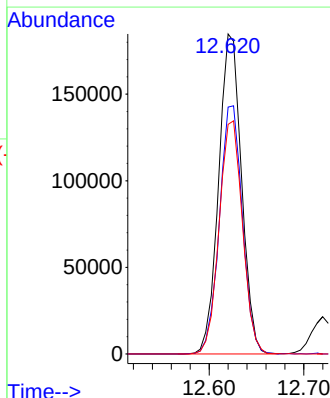
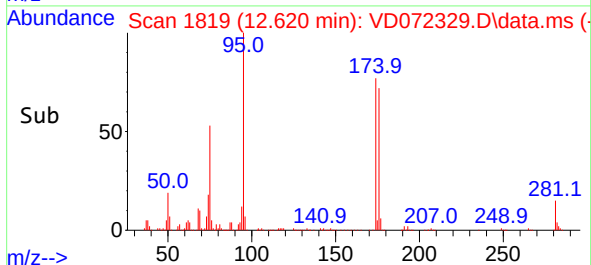
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

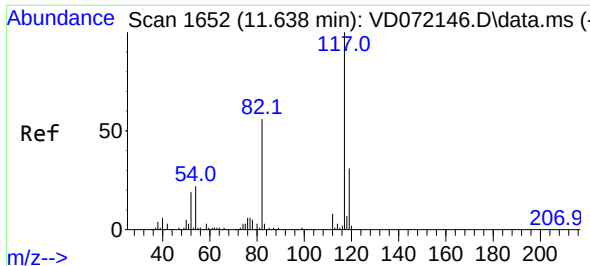


#62
4-Bromofluorobenzene
Concen: 47.381 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47



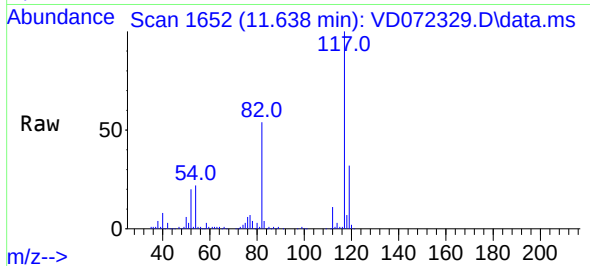
Tgt Ion: 95 Resp: 309917
Ion Ratio Lower Upper
95 100
174 78.0 0.0 152.8
176 74.3 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

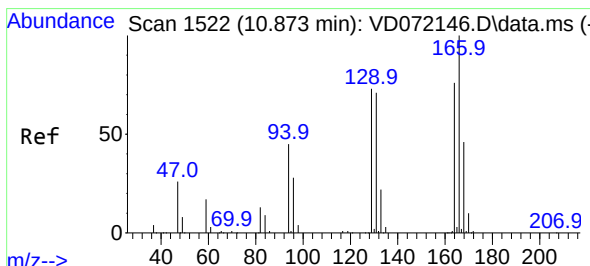
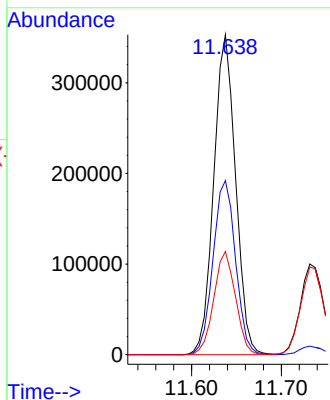
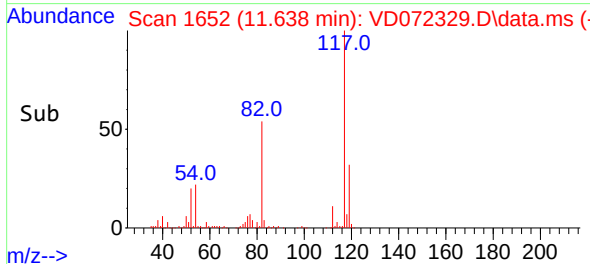
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



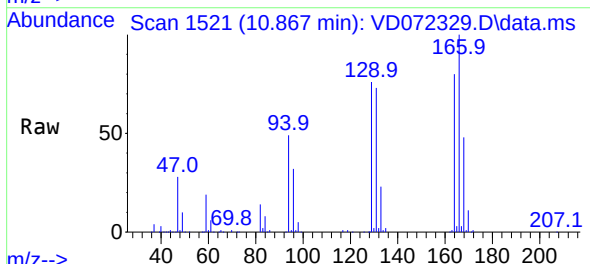
Tgt Ion:117 Resp: 59624
Ion Ratio Lower Upper
117 100
82 54.4 45.3 67.9
119 32.3 26.6 40.0

Manual Integrations
APPROVED

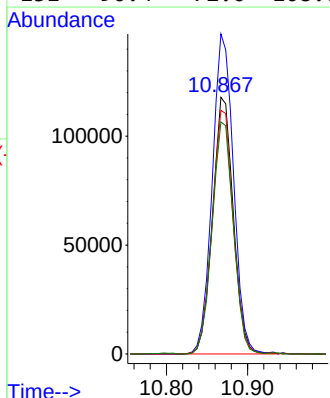
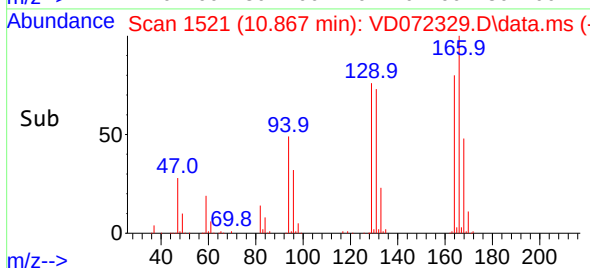
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

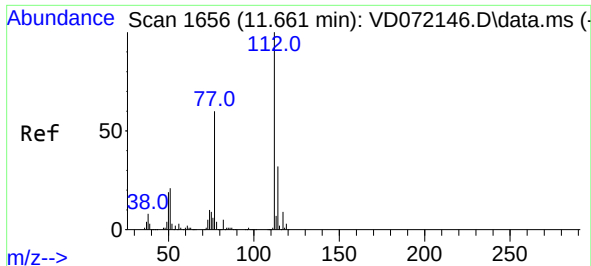


#64
Tetrachloroethene
Concen: 50.184 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47



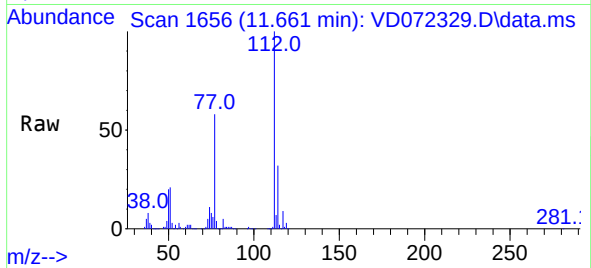
Tgt Ion:164 Resp: 210821
Ion Ratio Lower Upper
164 100
166 124.7 98.5 147.7
129 94.9 74.6 111.8
131 90.4 72.0 108.0





#65
Chlorobenzene
Concen: 51.310 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

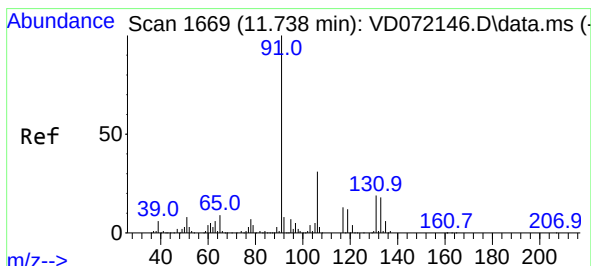
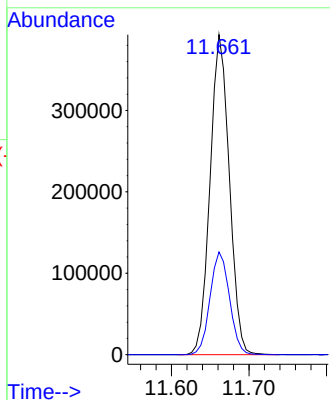
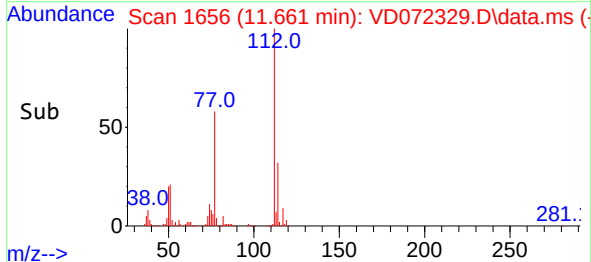
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



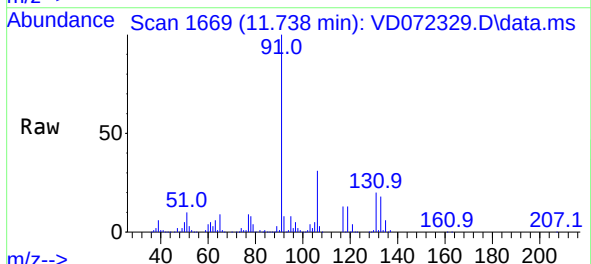
Tgt Ion:112 Resp: 67823
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6

Manual Integrations
APPROVED

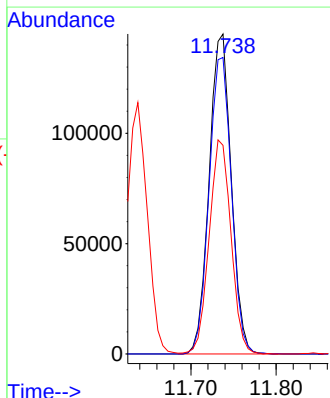
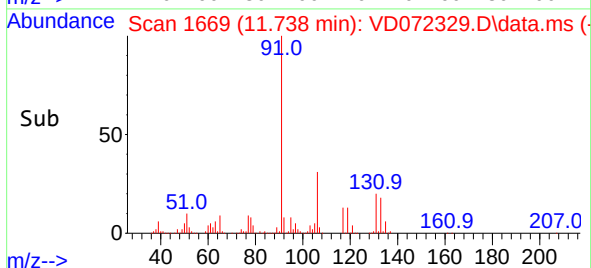
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

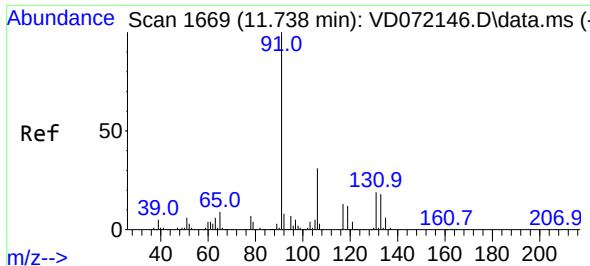


#66
1,1,1,2-Tetrachloroethane
Concen: 49.895 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47



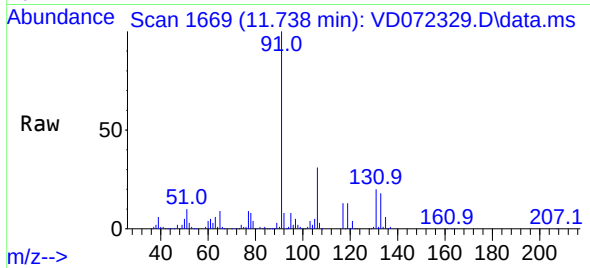
Tgt Ion:131 Resp: 260807
Ion Ratio Lower Upper
131 100
133 93.9 48.1 144.3
119 66.3 31.9 95.9





#67
Ethyl Benzene
Concen: 51.220 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

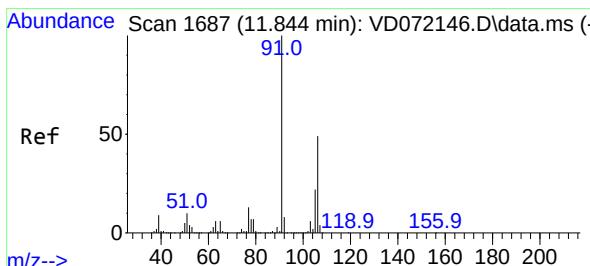
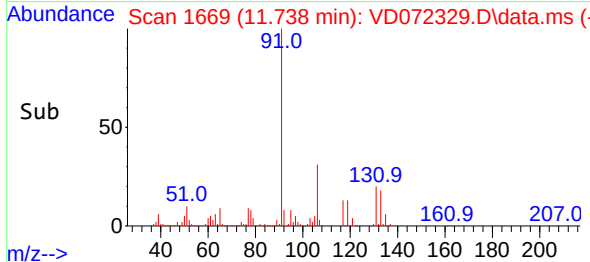
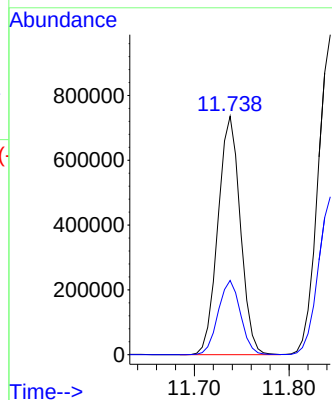
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 120923
Ion Ratio Lower Upper
91 100
106 31.1 24.2 36.4

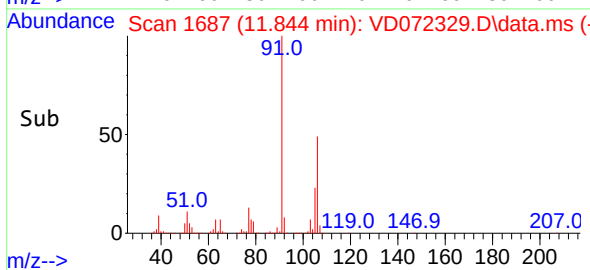
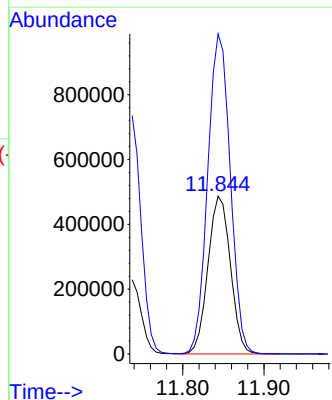
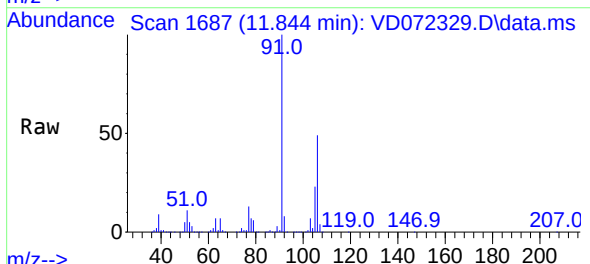
Manual Integrations
APPROVED

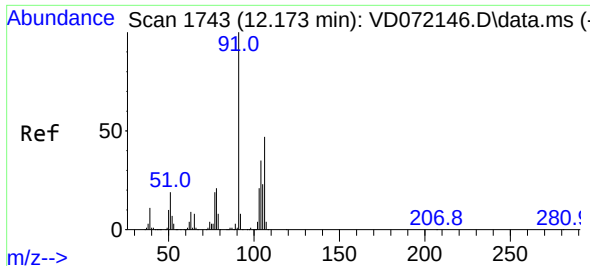
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#68
m/p-Xylenes
Concen: 104.480 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

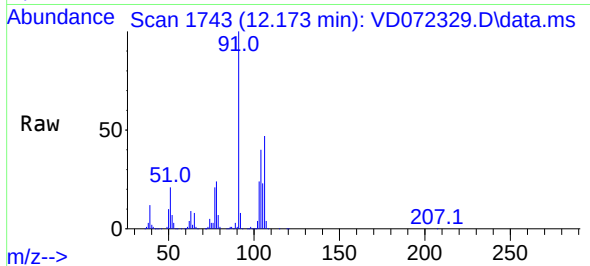
Tgt Ion:106 Resp: 936623
Ion Ratio Lower Upper
106 100
91 203.5 163.7 245.5





#69
o-Xylene
Concen: 52.116 ug/l
RT: 12.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

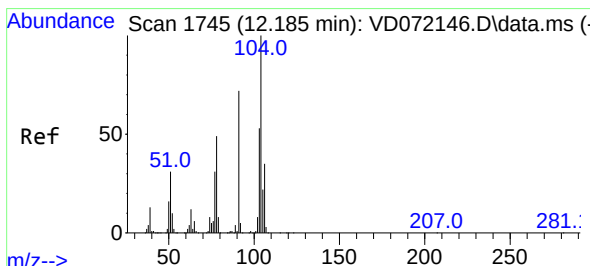
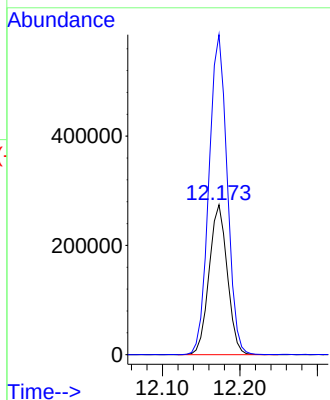
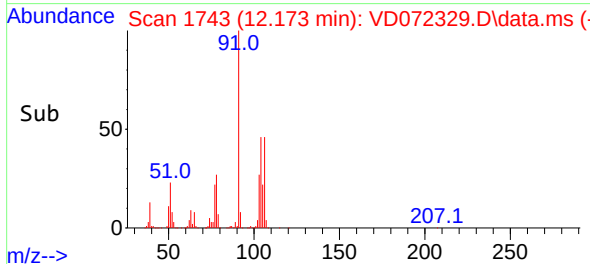
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



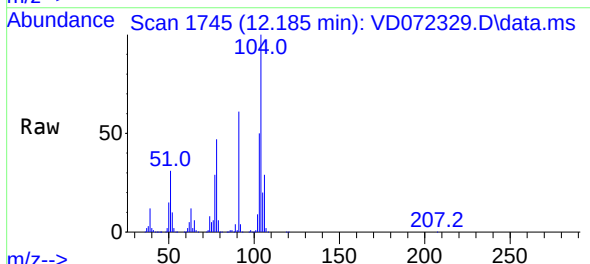
Tgt Ion:106 Resp: 44688
Ion Ratio Lower Upper
106 100
91 214.3 110.4 331.2

Manual Integrations
APPROVED

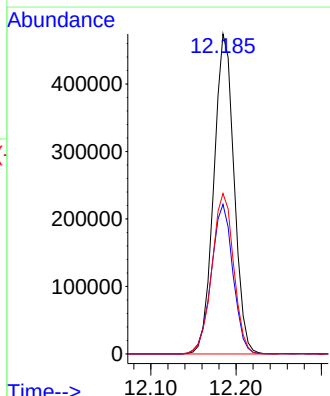
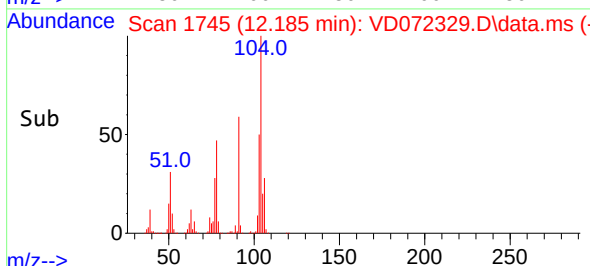
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

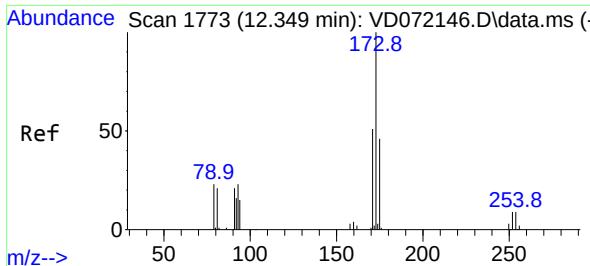


#70
Styrene
Concen: 52.177 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47



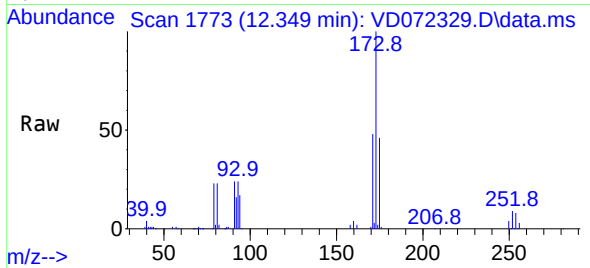
Tgt Ion:104 Resp: 781276
Ion Ratio Lower Upper
104 100
78 50.1 41.8 62.8
103 53.9 44.2 66.4





#71
Bromoform
Concen: 51.315 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

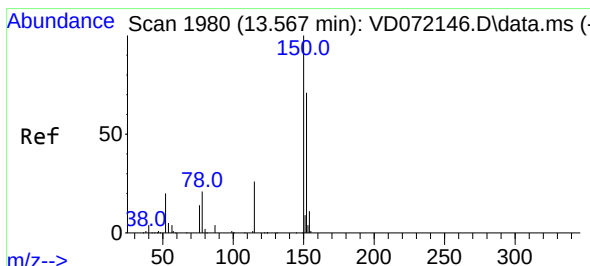
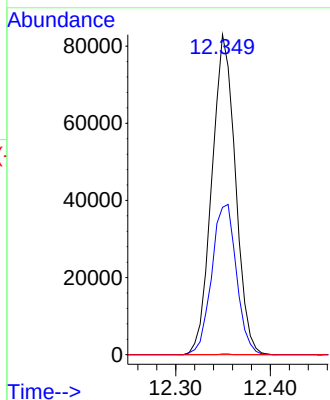
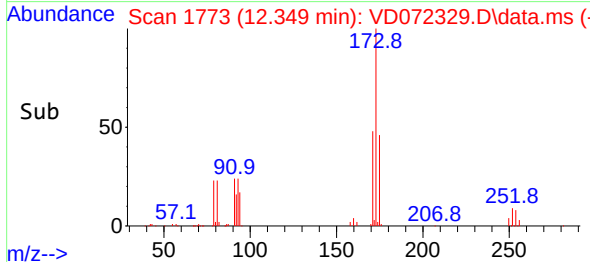
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



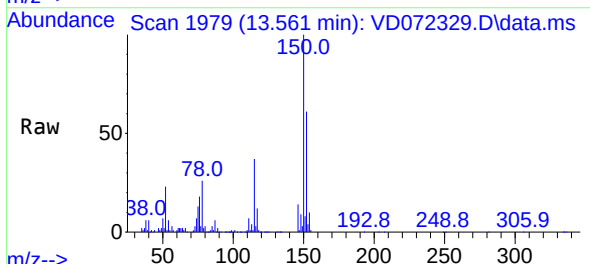
Tgt Ion:173 Resp: 143283
Ion Ratio Lower Upper
173 100
175 49.3 23.9 71.8
254 0.1 0.0 0.0

Manual Integrations
APPROVED

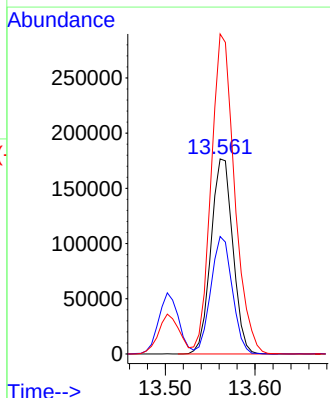
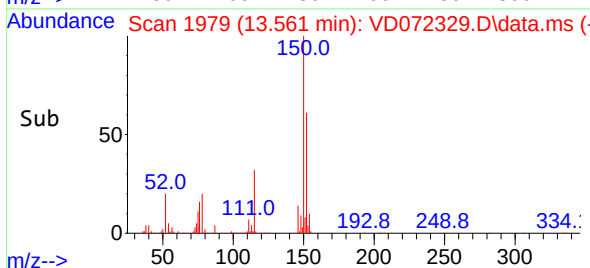
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

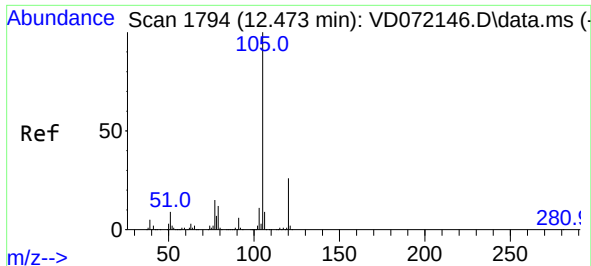


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47



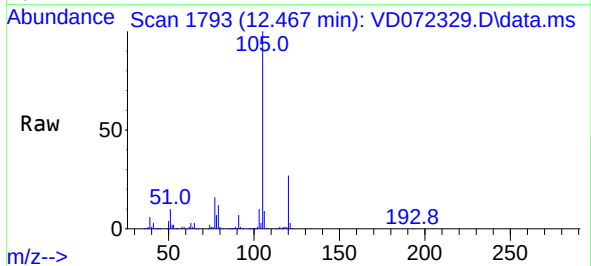
Tgt Ion:152 Resp: 299735
Ion Ratio Lower Upper
152 100
115 58.9 31.3 93.8
150 176.0 0.0 348.6





#73
Isopropylbenzene
Concen: 51.187 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

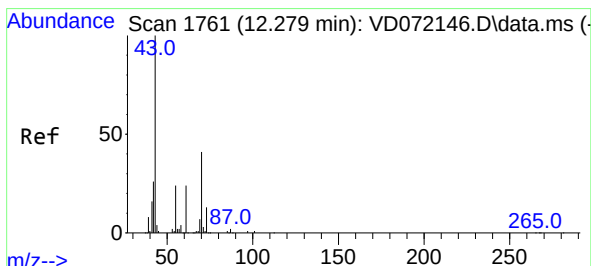
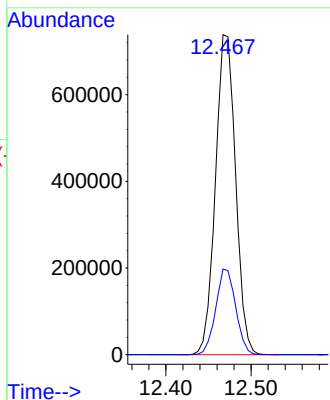
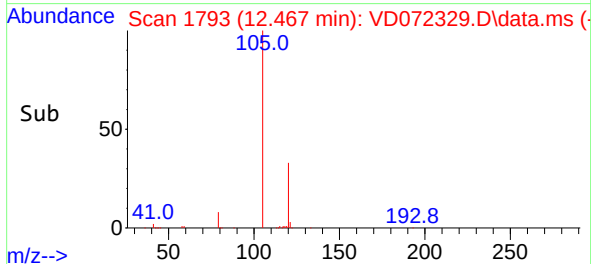
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 121582
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9

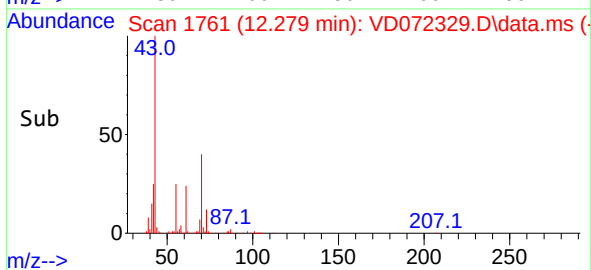
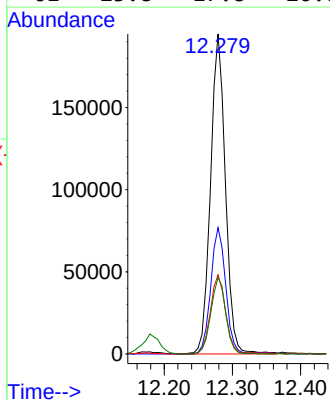
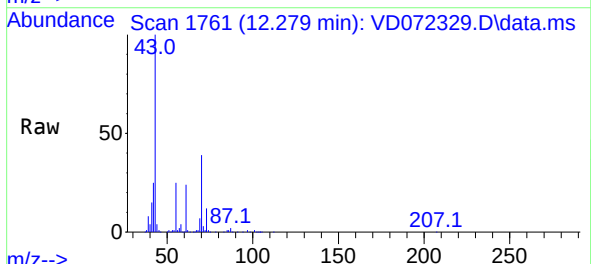
Manual Integrations
APPROVED

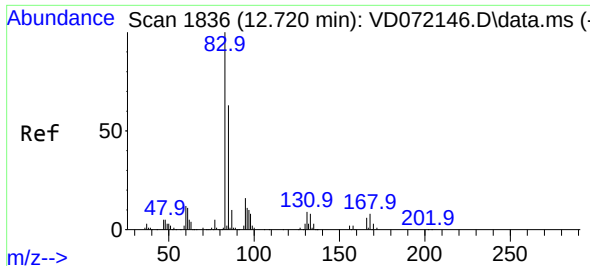
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#74
N-ethyl acetate
Concen: 58.061 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

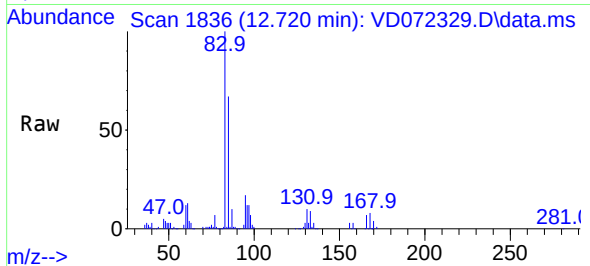
Tgt Ion: 43 Resp: 296366
Ion Ratio Lower Upper
43 100
70 39.5 31.3 46.9
55 25.1 20.0 30.0
61 23.8 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 51.933 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

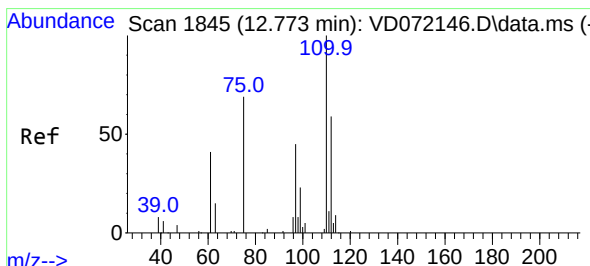
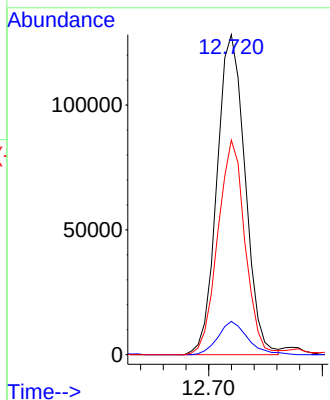
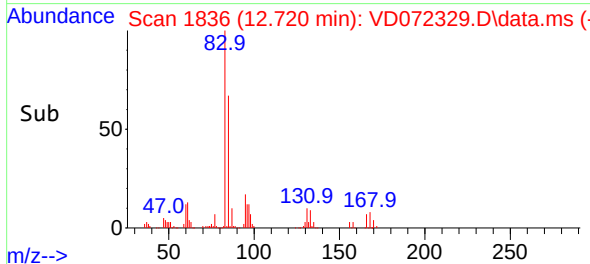
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



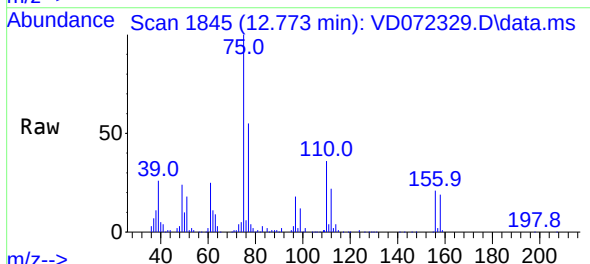
Tgt Ion: 83 Resp: 220614
Ion Ratio Lower Upper
83 100
131 11.0 5.0 14.9
85 64.9 32.6 98.0

Manual Integrations
APPROVED

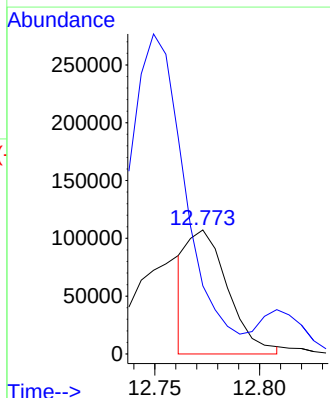
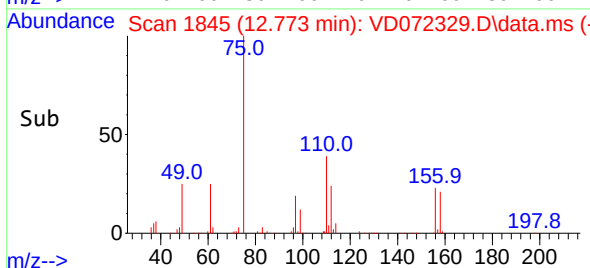
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

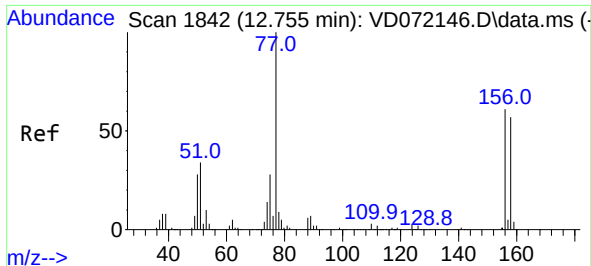


#76
1,2,3-Trichloropropane
Concen: 44.092 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47



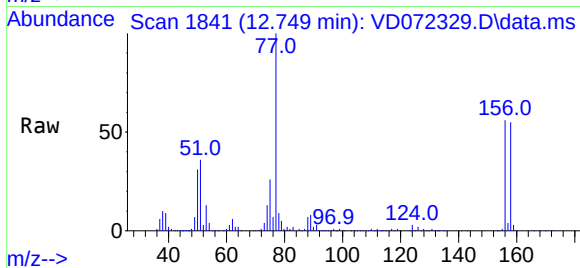
Tgt Ion: 75 Resp: 145783
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 50.675 ug/l
RT: 12.749 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

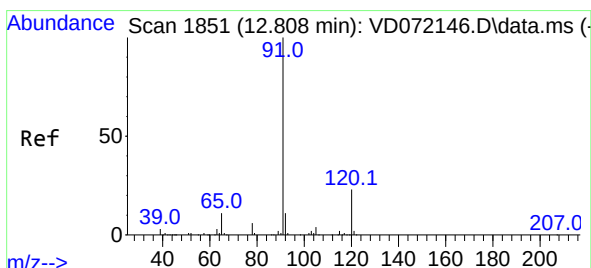
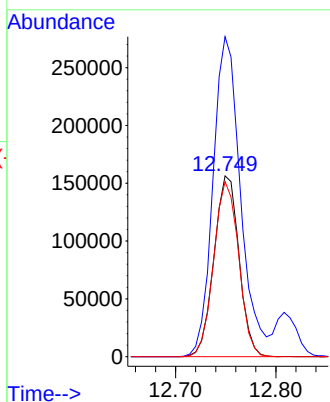
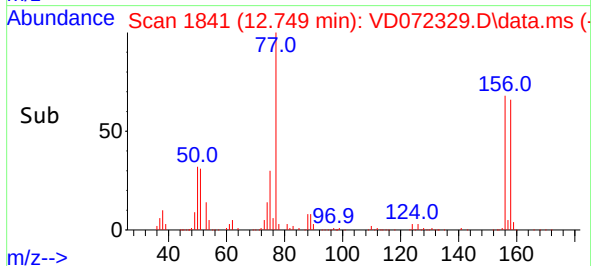
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



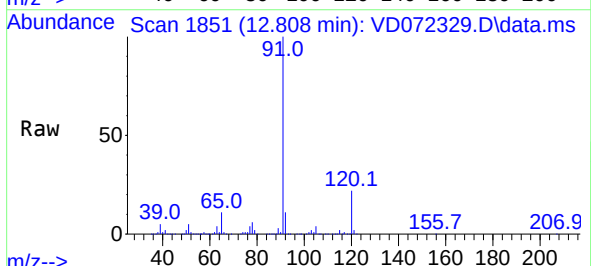
Tgt Ion:156 Resp: 270914
Ion Ratio Lower Upper
156 100
77 193.6 102.8 308.3
158 96.5 48.7 146.1

Manual Integrations
APPROVED

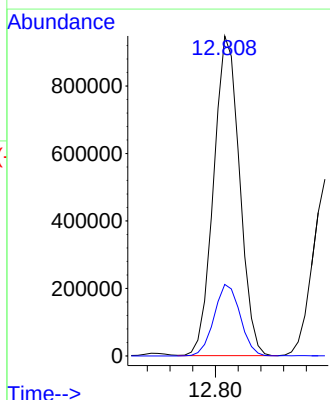
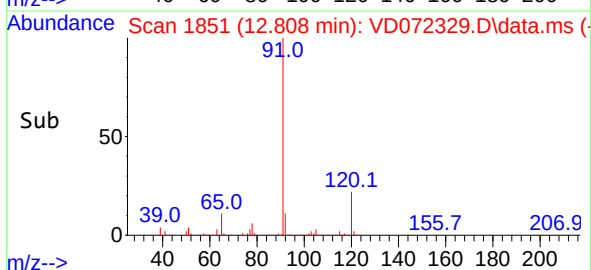
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

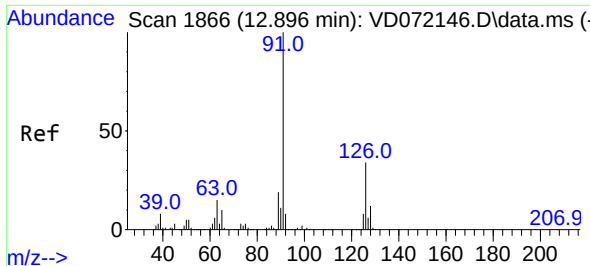


#78
n-propylbenzene
Concen: 51.969 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47



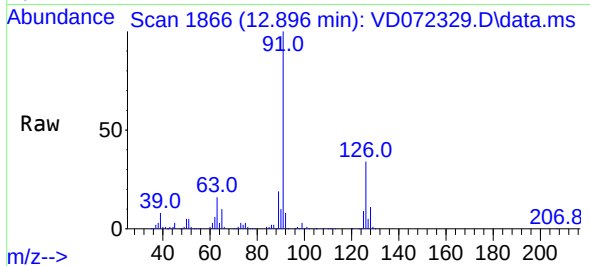
Tgt Ion: 91 Resp: 1499367
Ion Ratio Lower Upper
91 100
120 22.5 10.9 32.9





#79
2-Chlorotoluene
Concen: 51.230 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

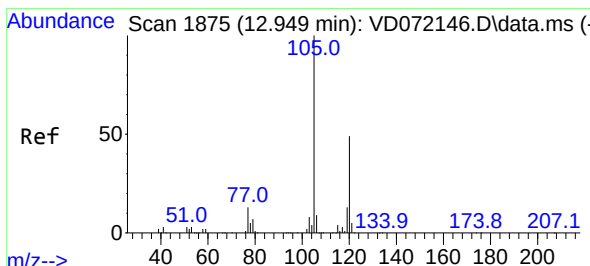
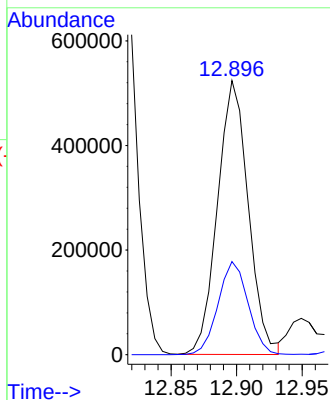
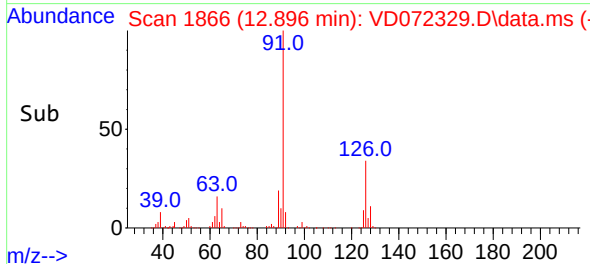
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



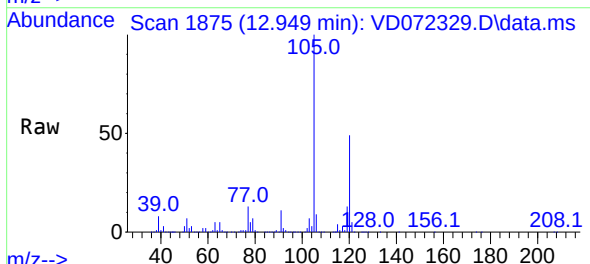
Tgt Ion: 91 Resp: 854669
Ion Ratio Lower Upper
91 100
126 33.2 16.2 48.6

Manual Integrations
APPROVED

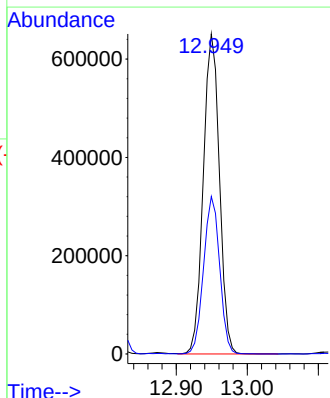
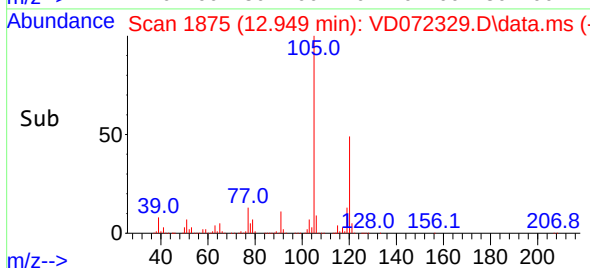
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

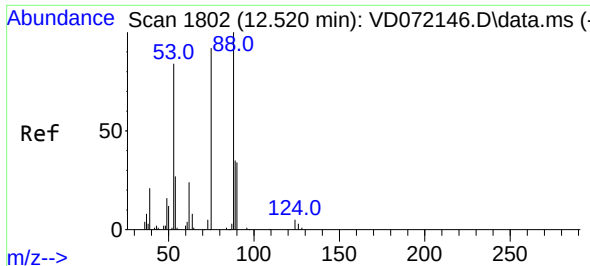


#80
1,3,5-Trimethylbenzene
Concen: 50.455 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47



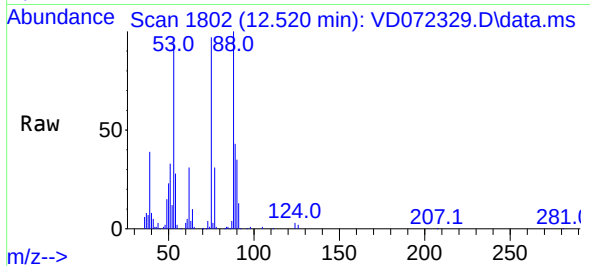
Tgt Ion:105 Resp: 1029578
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 51.894 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

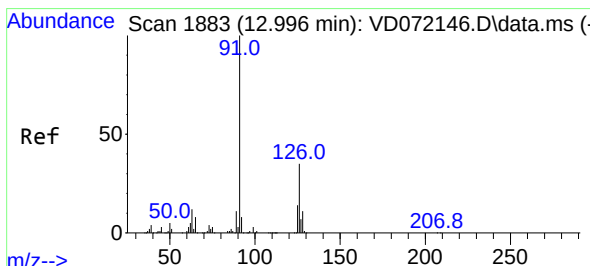
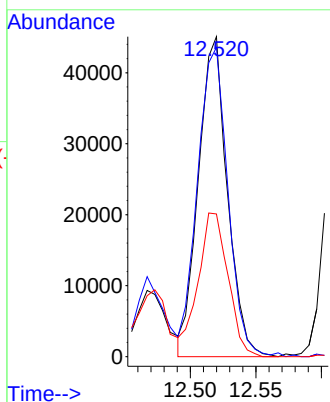
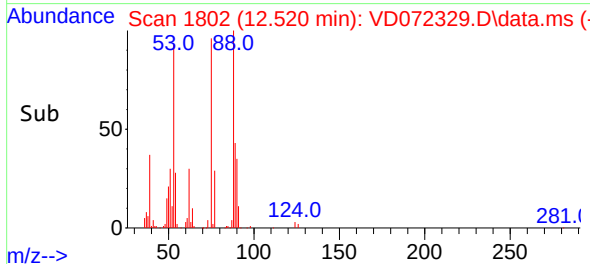
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



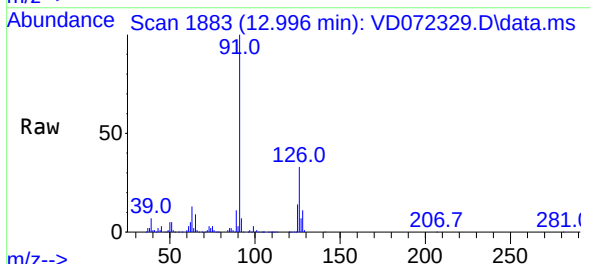
Tgt Ion: 75 Resp: 69154
Ion Ratio Lower Upper
75 100
53 101.8 86.5 129.7
89 46.5 33.9 50.9

Manual Integrations
APPROVED

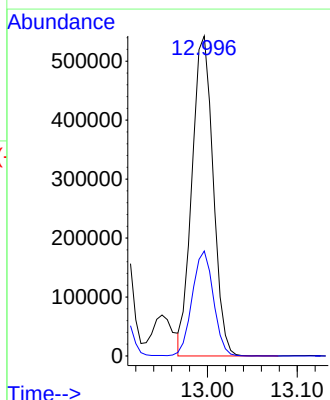
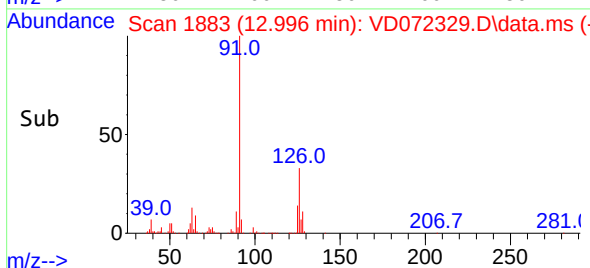
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

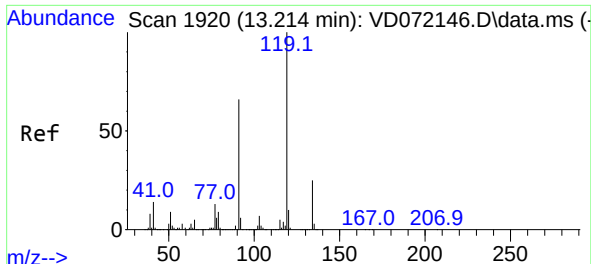


#82
4-Chlorotoluene
Concen: 51.321 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47



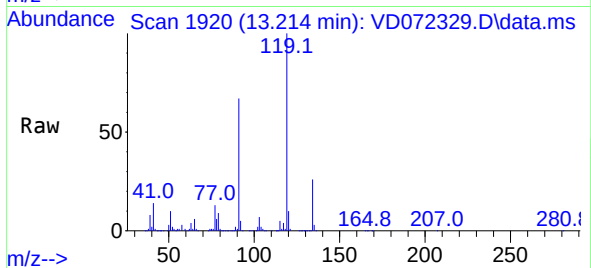
Tgt Ion: 91 Resp: 886521
Ion Ratio Lower Upper
91 100
126 33.0 16.5 49.5





#83
tert-Butylbenzene
Concen: 50.525 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

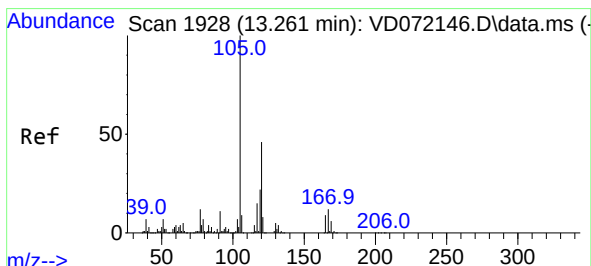
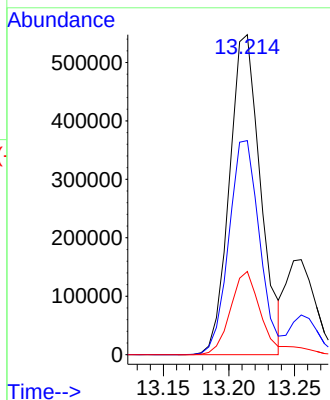
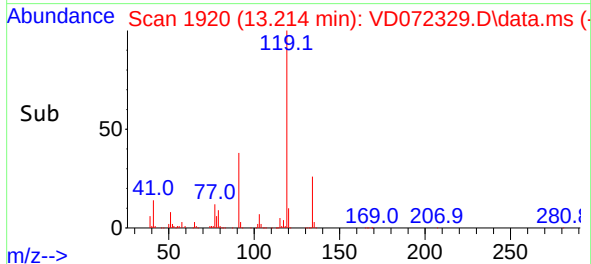
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



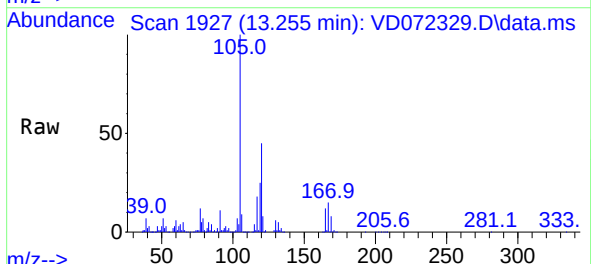
Tgt Ion:119 Resp: 903899
Ion Ratio Lower Upper
119 100
91 65.8 34.8 104.5
134 26.6 13.3 39.9

Manual Integrations
APPROVED

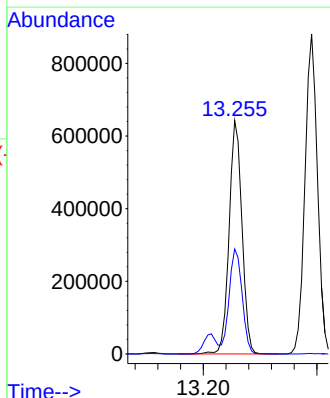
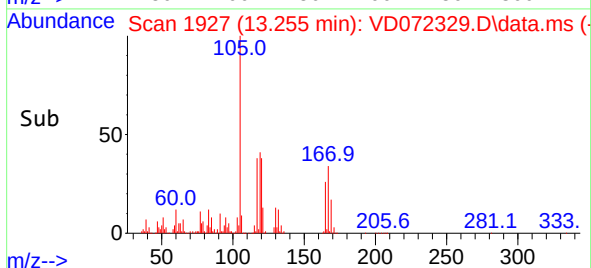
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

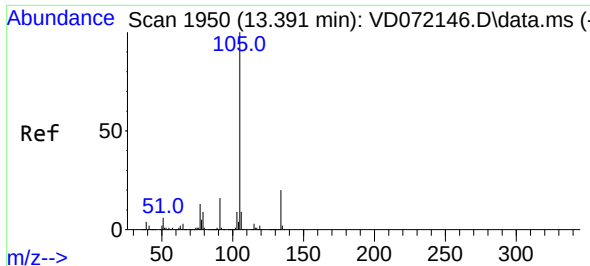


#84
1,2,4-Trimethylbenzene
Concen: 50.231 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47



Tgt Ion:105 Resp: 1009958
Ion Ratio Lower Upper
105 100
120 45.8 22.3 66.8





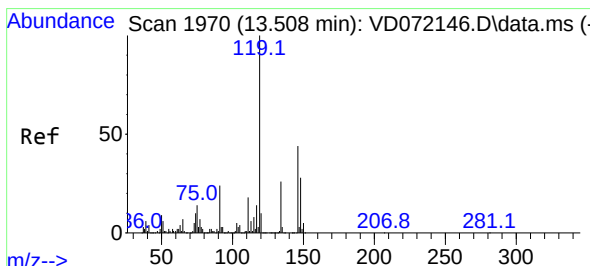
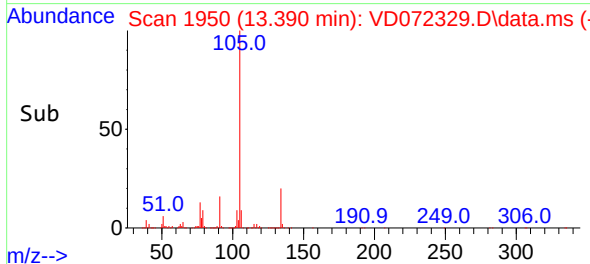
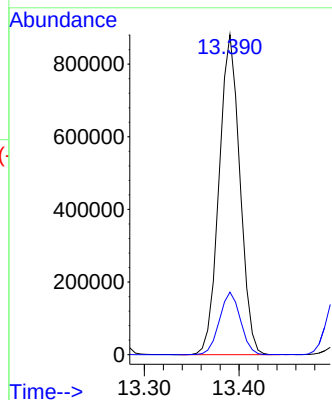
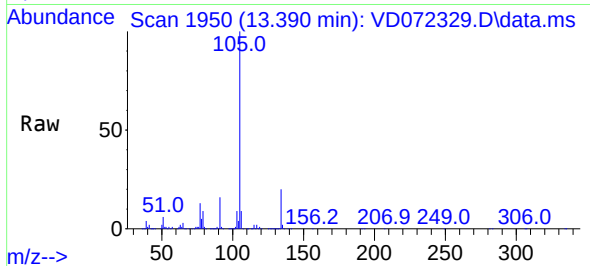
#85
 sec-Butylbenzene
 Concen: 50.124 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD072329.D
 Acq: 21 Mar 2022 09:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 1346634
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

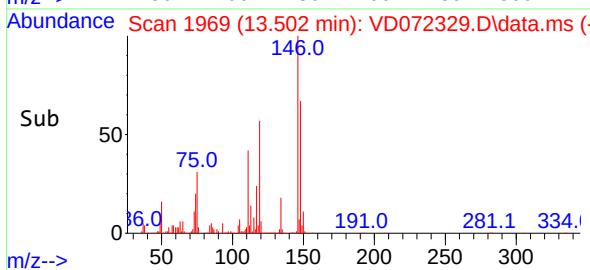
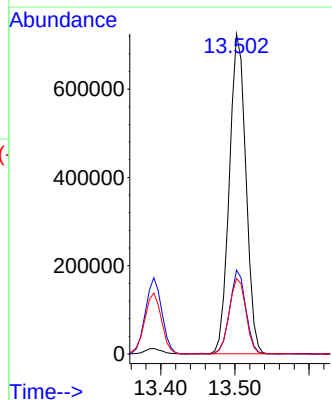
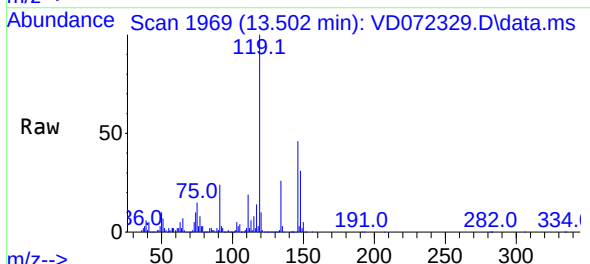
Manual Integrations
 APPROVED

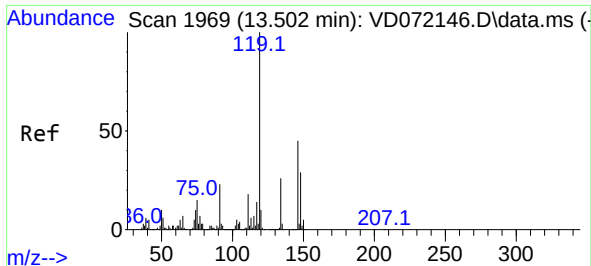
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 03/22/2022



#86
 p-Isopropyltoluene
 Concen: 50.804 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD072329.D
 Acq: 21 Mar 2022 09:47

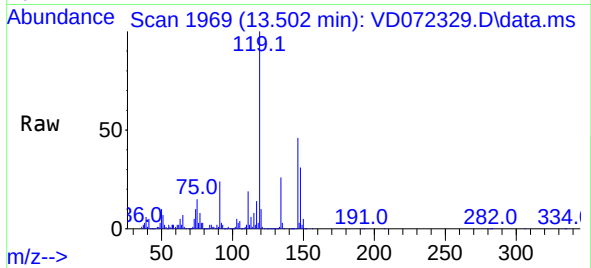
Tgt Ion:119 Resp: 1123145
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.9 38.6
 91 23.7 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 49.906 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

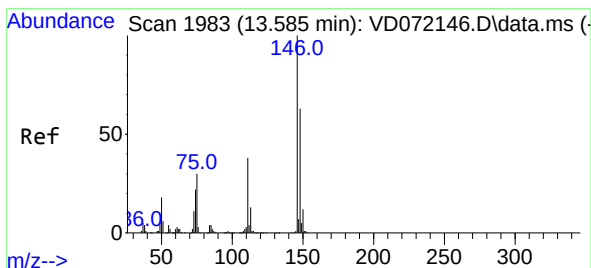
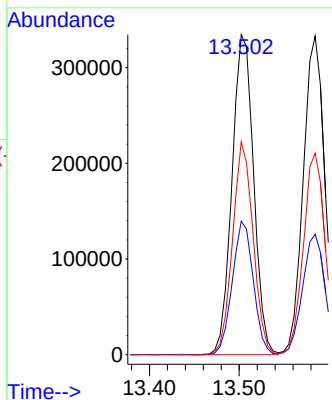
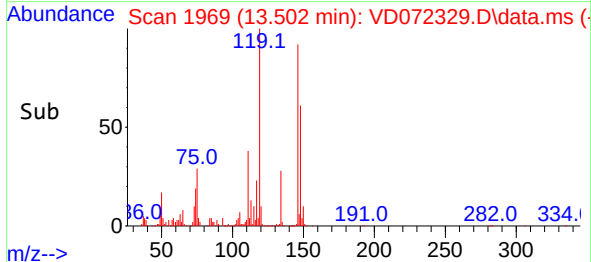
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 55916
Ion Ratio Lower Upper
146 100
111 40.6 20.4 61.3
148 63.3 31.9 95.7

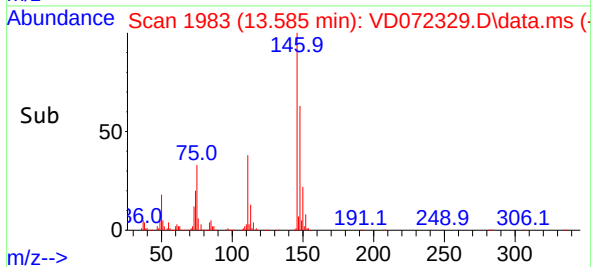
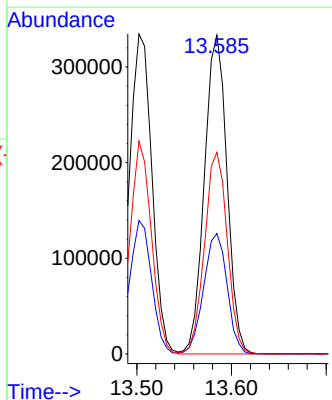
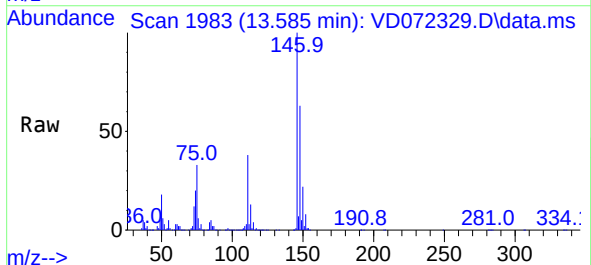
Manual Integrations
APPROVED

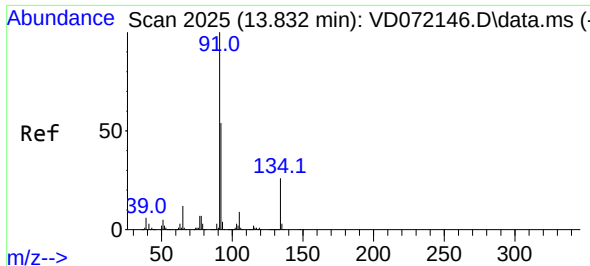
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#88
1,4-Dichlorobenzene
Concen: 49.786 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

Tgt Ion:146 Resp: 553149
Ion Ratio Lower Upper
146 100
111 39.1 20.3 60.9
148 63.6 31.7 95.1





#89
n-Butylbenzene
Concen: 51.147 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

Instrument :

MSVOA_D

ClientSampleId :

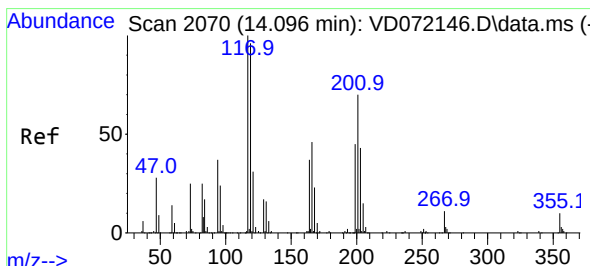
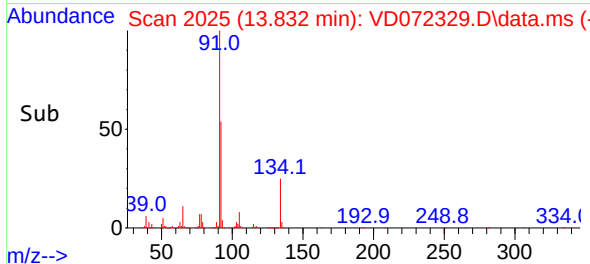
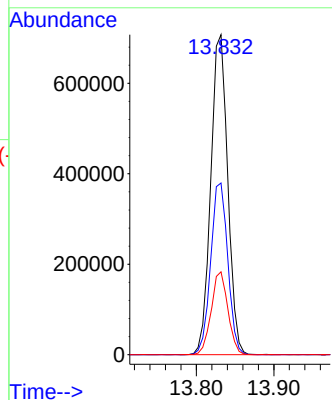
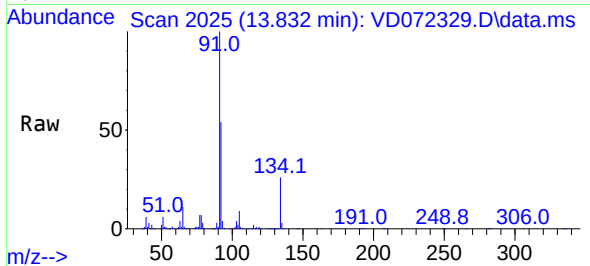
VSTDCCC050

Tgt Ion: 91 Resp: 1077764
Ion Ratio Lower Upper
91 100
92 54.2 26.6 79.8
134 25.5 12.3 36.9

Manual Integrations

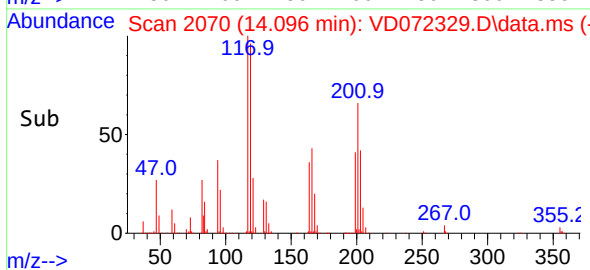
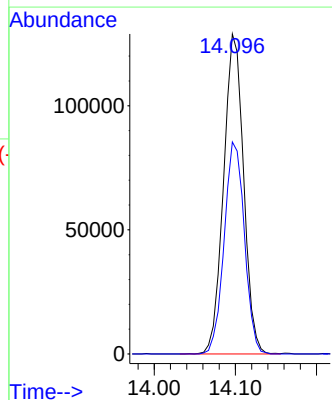
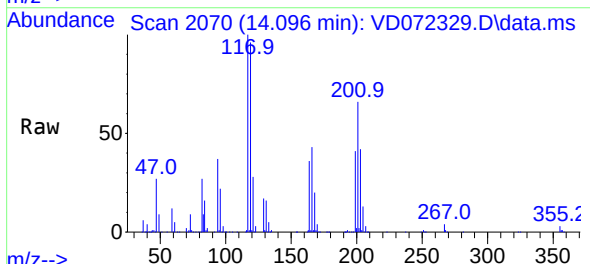
APPROVED

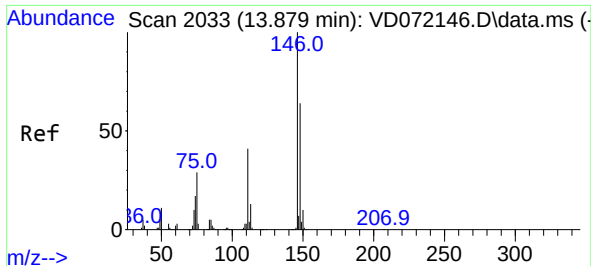
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#90
Hexachloroethane
Concen: 51.039 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

Tgt Ion:117 Resp: 221149
Ion Ratio Lower Upper
117 100
201 66.8 33.4 100.2





#91
1,2-Dichlorobenzene
Concen: 50.341 ug/l
RT: 13.873 min Scan# 2033
Delta R.T. -0.006 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

Instrument :

MSVOA_D

ClientSampleId :

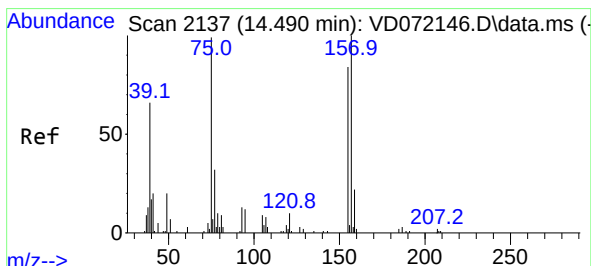
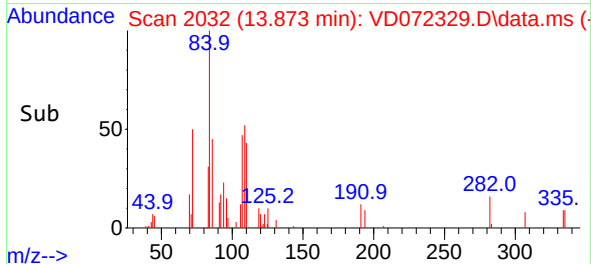
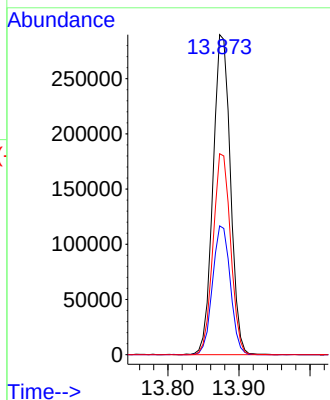
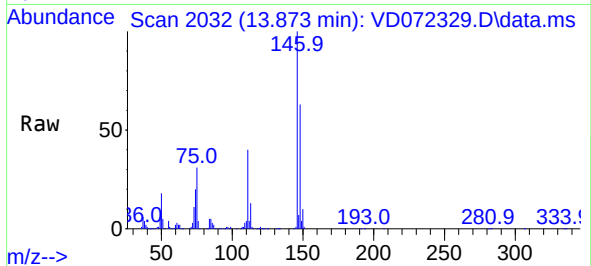
VSTDCCC050

Tgt Ion:146 Resp: 491760
Ion Ratio Lower Upper
146 100
111 41.1 21.1 63.3
148 63.3 31.7 95.1

Manual Integrations

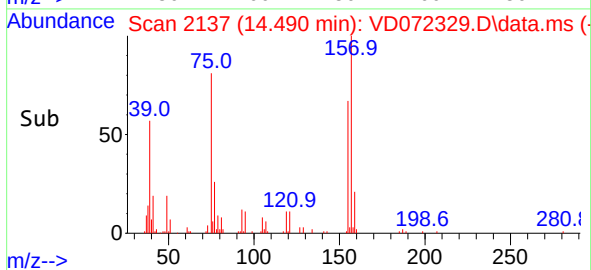
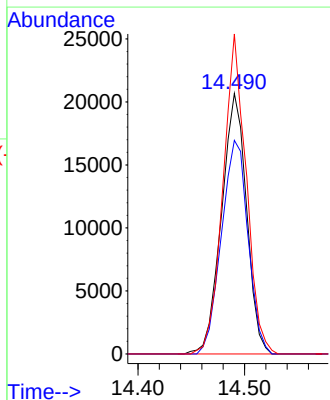
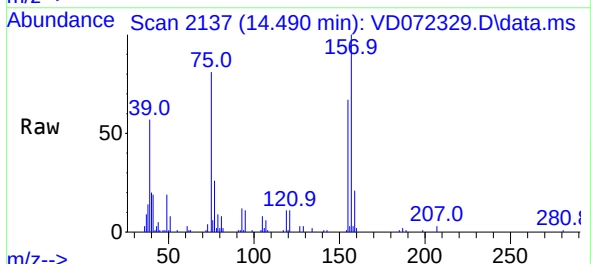
APPROVED

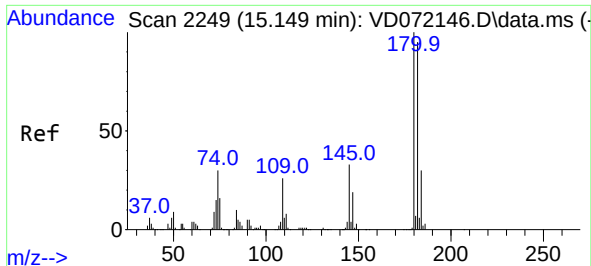
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.591 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

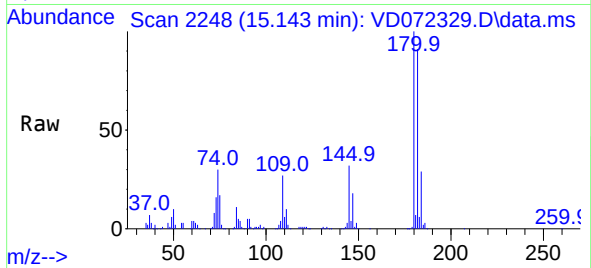
Tgt Ion: 75 Resp: 33621
Ion Ratio Lower Upper
75 100
155 87.1 36.8 110.3
157 113.9 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 48.624 ug/l
RT: 15.143 min Scan# 2146
Delta R.T. -0.006 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

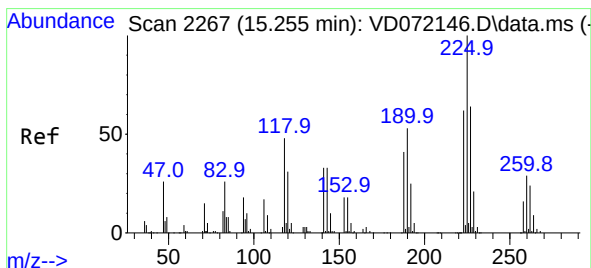
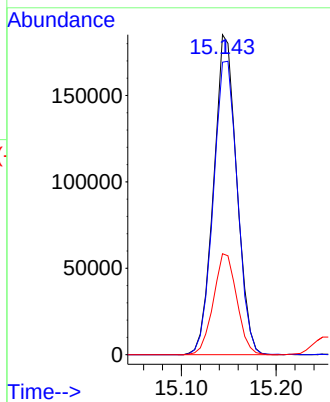
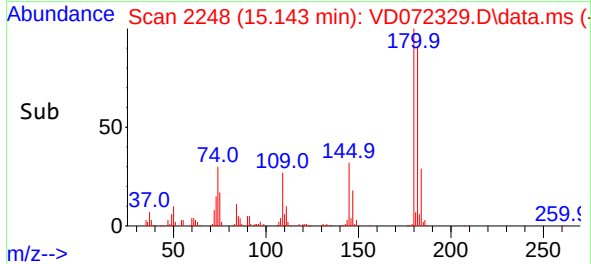
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



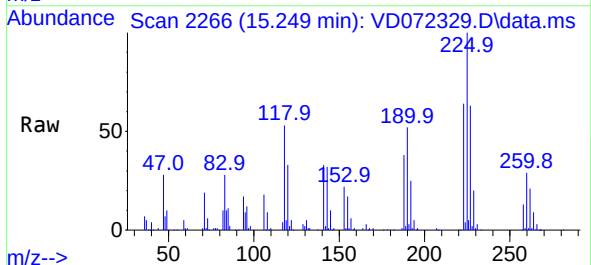
Tgt Ion:180 Resp: 314469
Ion Ratio Lower Upper
180 100
182 95.3 47.3 142.0
145 32.0 16.2 48.5

Manual Integrations
APPROVED

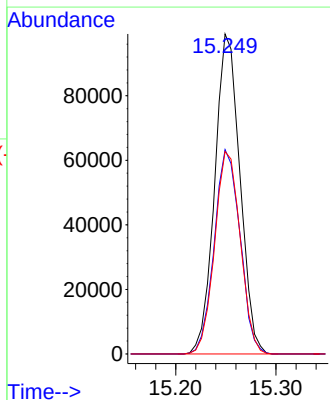
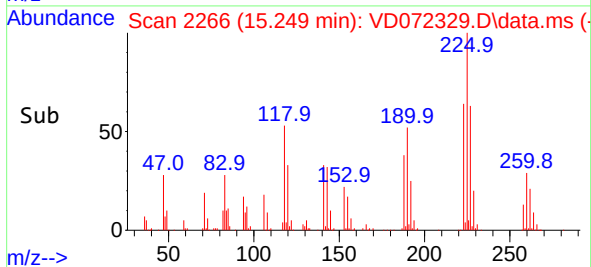
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

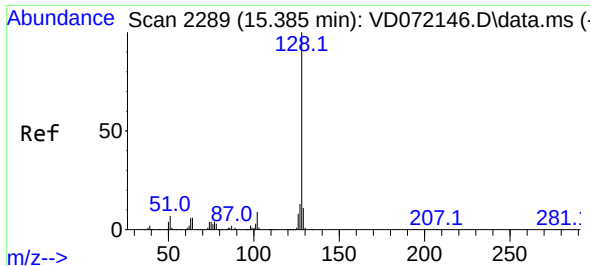


#94
Hexachlorobutadiene
Concen: 45.929 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47



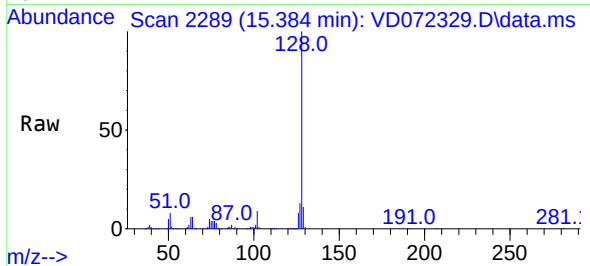
Tgt Ion:225 Resp: 172787
Ion Ratio Lower Upper
225 100
223 65.3 31.1 93.2
227 64.4 32.4 97.0





#95
Naphthalene
Concen: 51.708 ug/l
RT: 15.384 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47

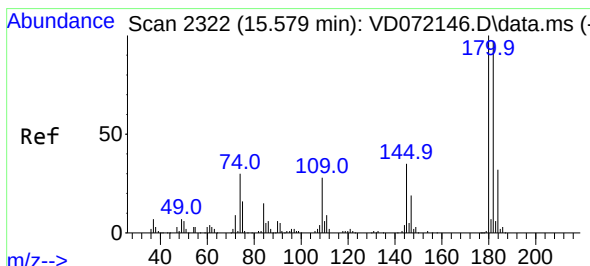
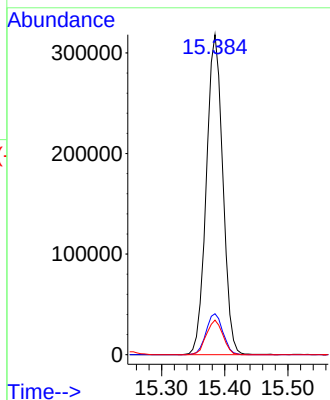
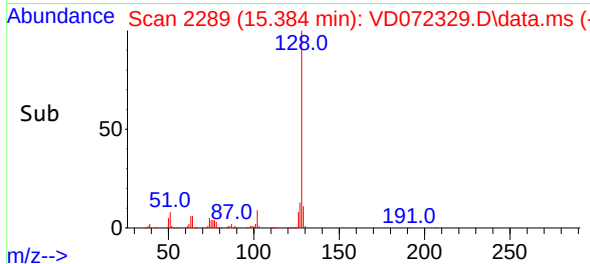
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



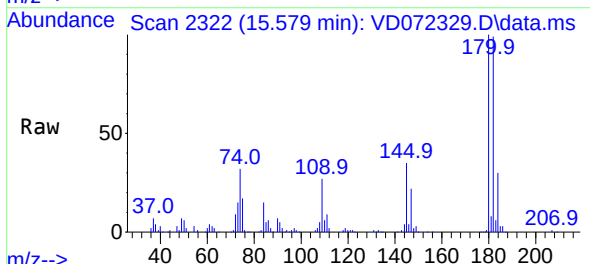
Tgt Ion:128 Resp: 57646
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#96
1,2,3-Trichlorobenzene
Concen: 49.319 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD072329.D
Acq: 21 Mar 2022 09:47



Tgt Ion:180 Resp: 276093
Ion Ratio Lower Upper
180 100
182 95.1 47.6 142.9
145 33.3 17.1 51.3

