

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042522\
 Data File : VD072709.D
 Acq On : 25 Apr 2022 16:12
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 26 01:48:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/26/2022
 Supervised By : Mahesh Dadoda 04/26/2022

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	332602	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.855	114	559688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	520209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	271936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	217845	54.144	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.280%			
35) Dibromofluoromethane	7.902	113	232346	53.418	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.840%			
50) Toluene-d8	10.332	98	771039	50.997	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.000%			
62) 4-Bromofluorobenzene	12.620	95	314216	53.214	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	118519	44.900	ug/l	98
3) Chloromethane	2.209	50	125823	51.535	ug/l	95
4) Vinyl Chloride	2.350	62	137766	49.109	ug/l	98
5) Bromomethane	2.762	94	93862	49.890	ug/l	96
6) Chloroethane	2.920	64	96593	53.715	ug/l	98
7) Trichlorofluoromethane	3.273	101	310958	54.273	ug/l	99
8) Diethyl Ether	3.714	74	95329	55.989	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.097	101	202244	52.928	ug/l	96
10) Methyl Iodide	4.297	142	163262	46.148	ug/l	99
11) Tert butyl alcohol	5.208	59	84280	396.657	ug/l	98
12) 1,1-Dichloroethene	4.061	96	162062	54.249	ug/l	81
13) Acrolein	3.920	56	14474	153.507	ug/l	94
14) Allyl chloride	4.708	41	271917	51.794	ug/l #	91
15) Acrylonitrile	5.408	53	247758	290.965	ug/l	97
16) Acetone	4.150	43	192707	256.859	ug/l #	89
17) Carbon Disulfide	4.403	76	295336	45.963	ug/l	98
18) Methyl Acetate	4.714	43	107274	50.754	ug/l #	90
19) Methyl tert-butyl Ether	5.473	73	510946	58.598	ug/l	99
20) Methylene Chloride	4.961	84	251251	56.254	ug/l #	83
21) trans-1,2-Dichloroethene	5.467	96	184083	50.478	ug/l	95
22) Diisopropyl ether	6.355	45	679421	56.607	ug/l #	91
23) Vinyl Acetate	6.297	43	1827269	282.219	ug/l #	95
24) 1,1-Dichloroethane	6.255	63	398585	55.110	ug/l	98
25) 2-Butanone	7.202	43	291819	281.242	ug/l	93
26) 2,2-Dichloropropane	7.202	77	354294	55.151	ug/l	98
27) cis-1,2-Dichloroethene	7.202	96	249789	55.071	ug/l	93
28) Bromochloromethane	7.538	49	183544	59.227	ug/l #	77
29) Tetrahydrofuran	7.555	42	186216	297.256	ug/l	89
30) Chloroform	7.702	83	438576	53.906	ug/l	97
31) Cyclohexane	7.979	56	276311	52.521	ug/l	88
32) 1,1,1-Trichloroethane	7.897	97	387651	56.177	ug/l	94
36) 1,1-Dichloropropene	8.102	75	276850	49.812	ug/l	96
37) Ethyl Acetate	7.285	43	134698	58.445	ug/l #	93
38) Carbon Tetrachloride	8.091	117	325165	54.265	ug/l	95
39) Methylcyclohexane	9.349	83	311622	48.247	ug/l	96
40) Benzene	8.344	78	840912	55.358	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	86989	64.101	ug/l	92
42) 1,2-Dichloroethane	8.414	62	262091	56.449	ug/l	96
43) Isopropyl Acetate	8.444	43	265116	59.969	ug/l #	93
44) Trichloroethene	9.108	130	231116	53.592	ug/l	93
45) 1,2-Dichloropropane	9.379	63	230723	54.601	ug/l	95
46) Dibromomethane	9.467	93	122936	55.452	ug/l	95
47) Bromodichloromethane	9.655	83	347376	54.541	ug/l	99
48) Methyl methacrylate	9.449	41	117050	54.536	ug/l #	79
49) 1,4-Dioxane	9.455	88	29432	1116.038	ug/l #	91
51) 4-Methyl-2-Pentanone	10.220	43	700788	295.426	ug/l	92
52) Toluene	10.396	92	557916	55.286	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	313689	56.520	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	361515	55.092	ug/l	90
55) 1,1,2-Trichloroethane	10.791	97	187831	55.885	ug/l	96
56) Ethyl methacrylate	10.649	69	226637	54.726	ug/l #	82
57) 1,3-Dichloropropane	10.938	76	304276	54.762	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	523314	315.377	ug/l	94
59) 2-Hexanone	10.973	43	473327	293.428	ug/l	93
60) Dibromochloromethane	11.132	129	238662	55.049	ug/l	99
61) 1,2-Dibromoethane	11.238	107	172445	57.788	ug/l	100
64) Tetrachloroethene	10.867	164	178169	52.420	ug/l	94
65) Chlorobenzene	11.661	112	617277	53.074	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	254611	54.756	ug/l	97
67) Ethyl Benzene	11.732	91	1087876	53.606	ug/l	100
68) m/p-Xylenes	11.843	106	834955	108.448	ug/l	100
69) o-Xylene	12.167	106	407294	54.829	ug/l	96
70) Styrene	12.185	104	712137	54.395	ug/l	98
71) Bromoform	12.349	173	133954	54.342	ug/l #	94
73) Isopropylbenzene	12.467	105	1131275	51.511	ug/l	99
74) N-amyl acetate	12.279	43	251234	54.521	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	211572	50.861	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	177091m	59.709	ug/l	
77) Bromobenzene	12.749	156	254912	51.785	ug/l	92
78) n-propylbenzene	12.808	91	1347490	50.860	ug/l	98
79) 2-Chlorotoluene	12.896	91	781162	50.417	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	942663	50.117	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	63718	52.716	ug/l	90
82) 4-Chlorotoluene	12.990	91	822148	50.949	ug/l	99
83) tert-Butylbenzene	13.208	119	842887	51.764	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	935693	50.873	ug/l	100
85) sec-Butylbenzene	13.390	105	1234184	50.319	ug/l	99
86) p-Isopropyltoluene	13.502	119	1023031	51.029	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	505430	49.552	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	508055	49.420	ug/l	100
89) n-Butylbenzene	13.826	91	961297	50.334	ug/l	99
90) Hexachloroethane	14.096	117	202144	49.254	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	456249	50.714	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	33447	54.367	ug/l	90
93) 1,2,4-Trichlorobenzene	15.143	180	286968	51.461	ug/l	100
94) Hexachlorobutadiene	15.249	225	156324	50.047	ug/l	99
95) Naphthalene	15.384	128	546576	50.443	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	252239	51.827	ug/l	99

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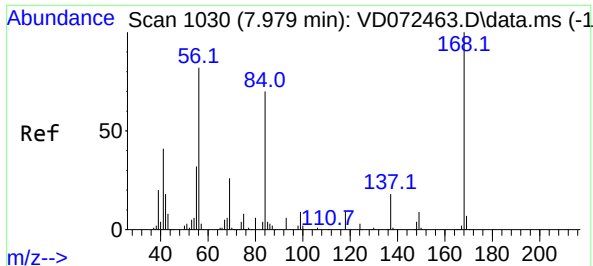
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/26/2022

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Quant Title : SW846 8260
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Response via : Initial Calibration

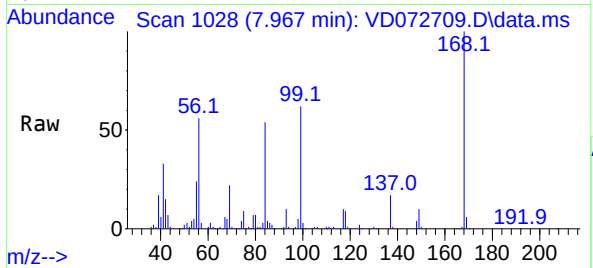
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1030
Delta R.T. -0.012 min
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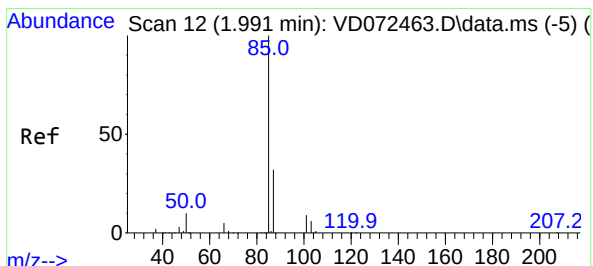
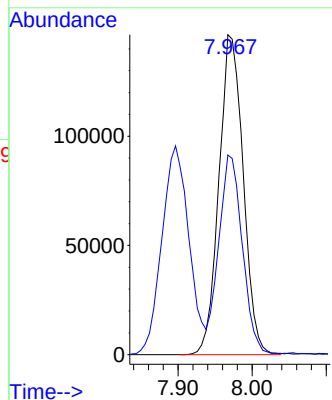
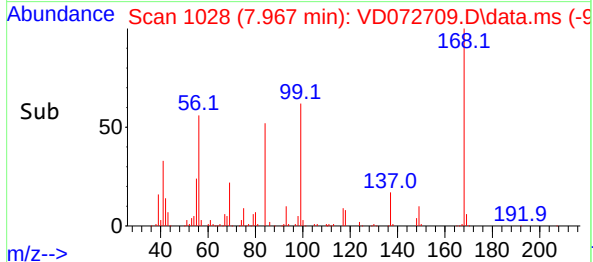
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 332602
Ion Ratio Lower Upper
168 100
99 61.9 49.8 74.6

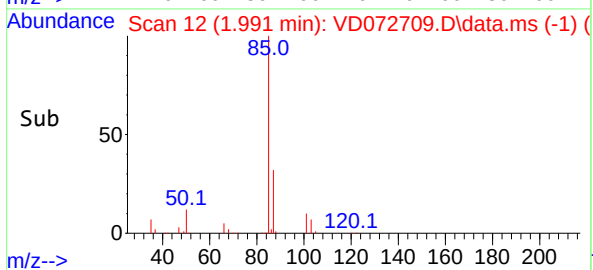
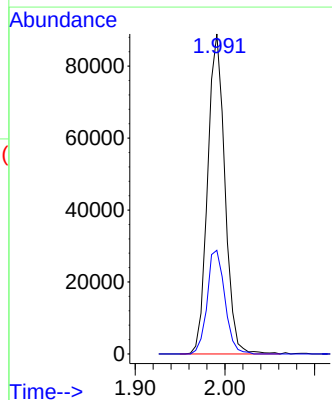
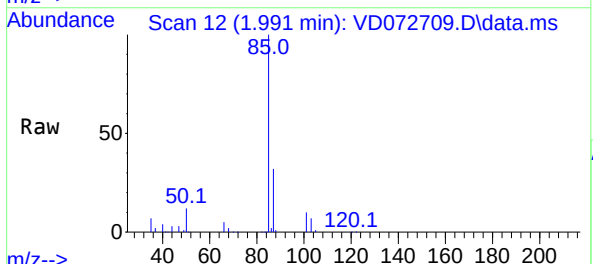
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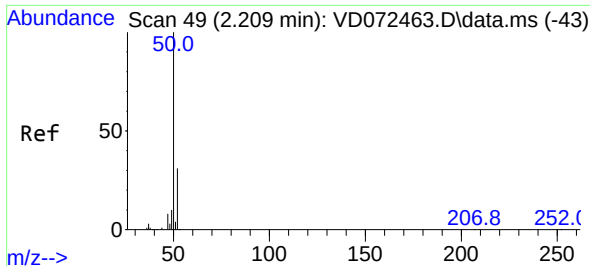
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#2
Dichlorodifluoromethane
Concen: 44.900 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

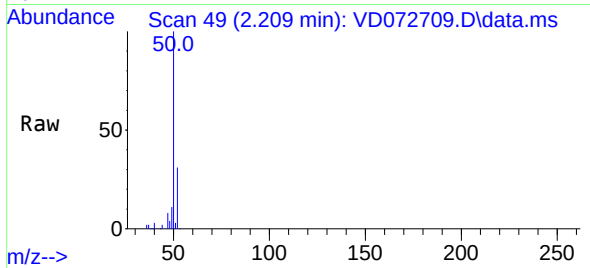
Tgt Ion: 85 Resp: 118519
Ion Ratio Lower Upper
85 100
87 32.4 15.7 47.0





#3
Chloromethane
Concen: 51.535 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

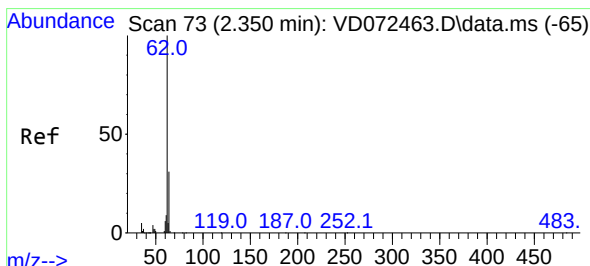
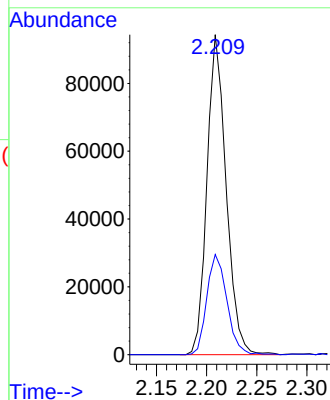
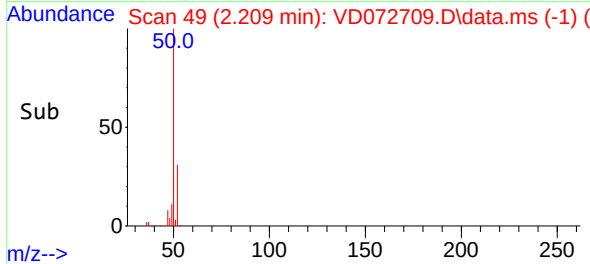
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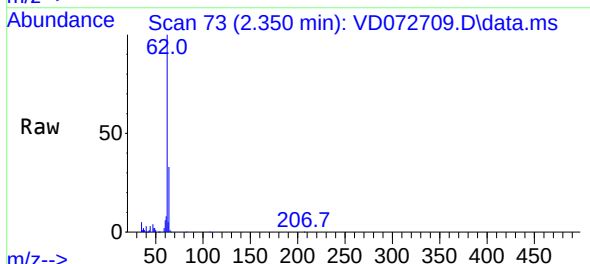
Tgt Ion: 50 Resp: 125823
Ion Ratio Lower Upper
50 100
52 31.3 27.4 41.0

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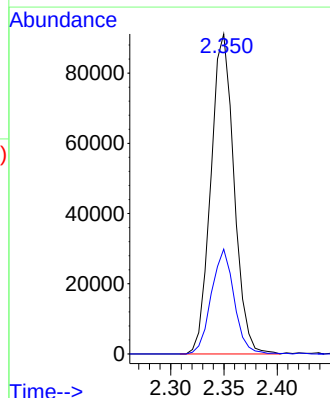
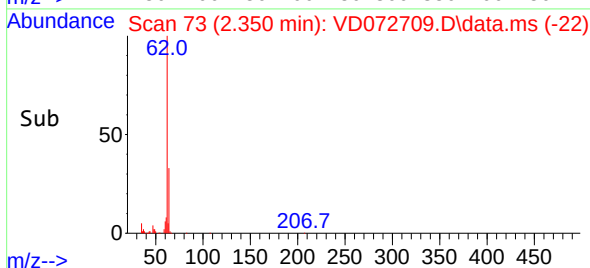
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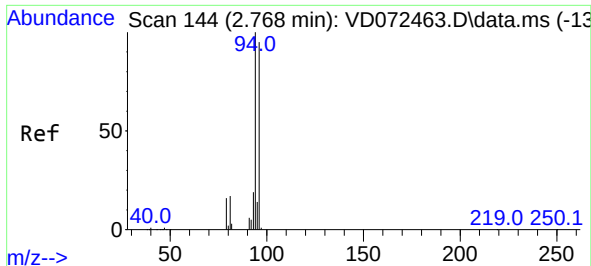


#4
Vinyl Chloride
Concen: 49.109 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12



Tgt Ion: 62 Resp: 137766
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.0





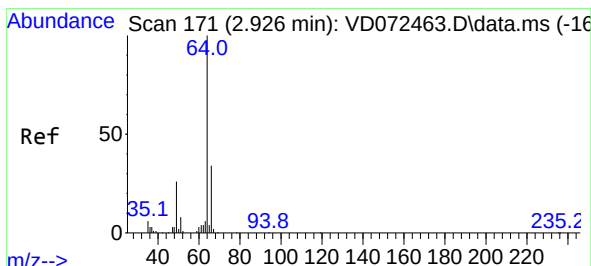
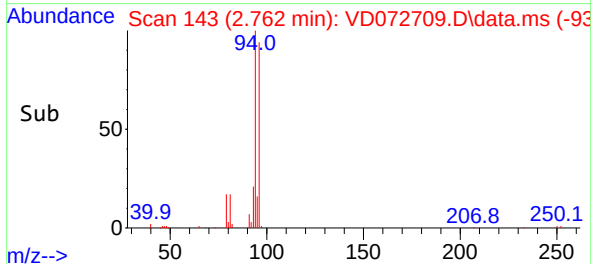
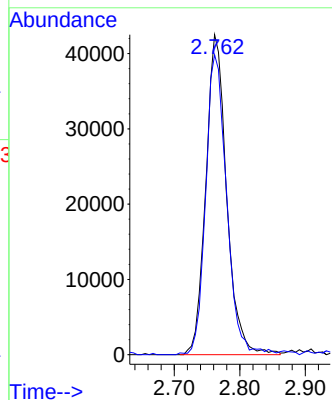
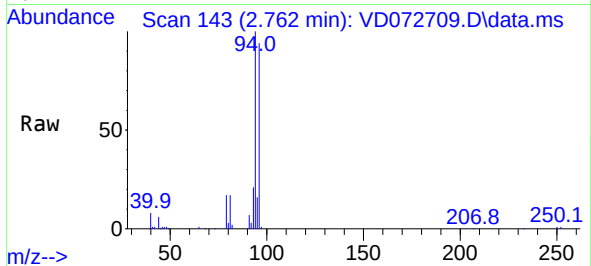
#5
Bromomethane
Concen: 49.890 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD072709.D
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Instrument :
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Tgt Ion: 94 Resp: 93862
Ion Ratio Lower Upper
94 100
96 93.1 77.6 116.4

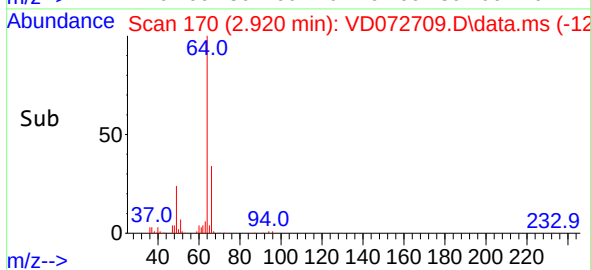
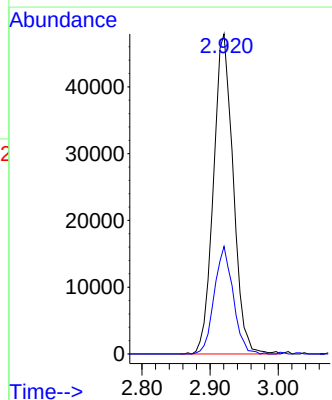
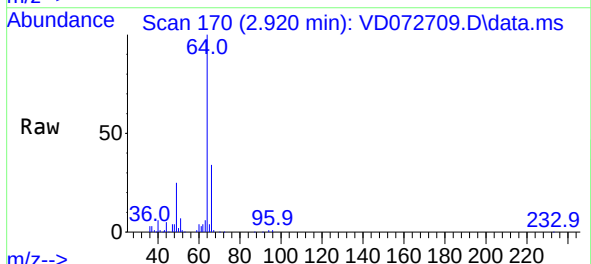
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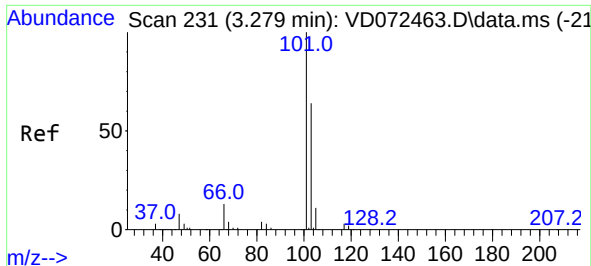
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#6
Chloroethane
Concen: 53.715 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

Tgt Ion: 64 Resp: 96593
Ion Ratio Lower Upper
64 100
66 33.6 25.9 38.9





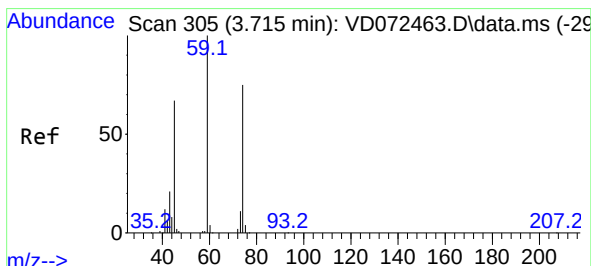
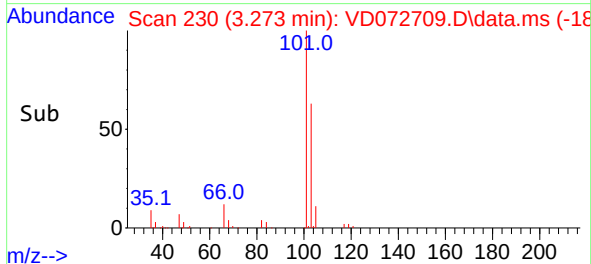
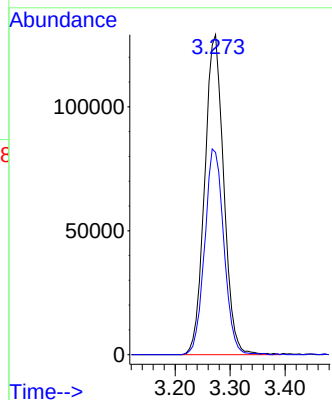
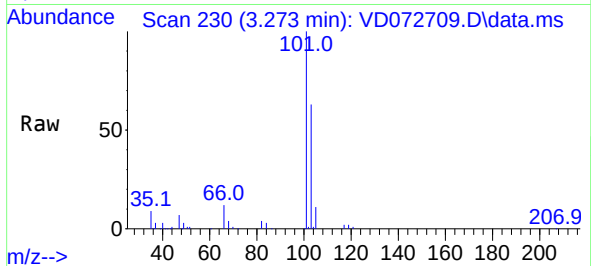
#7
Trichlorofluoromethane
Concen: 54.273 ug/l
RT: 3.273 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 31095
Ion Ratio Lower Upper
101 100
103 63.2 50.1 75.1

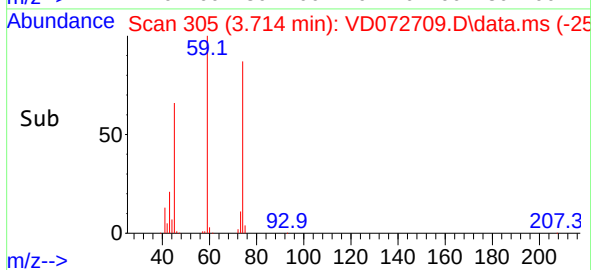
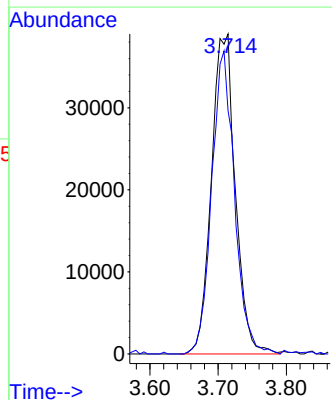
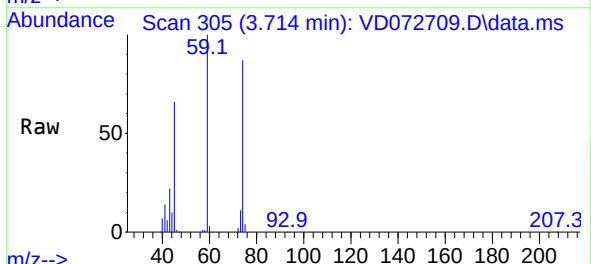
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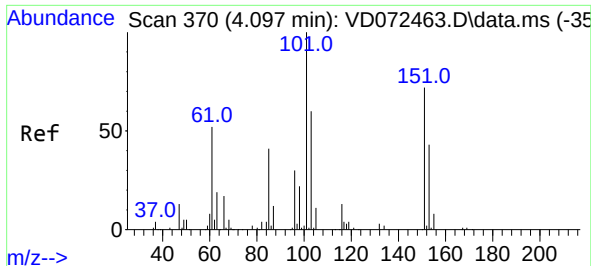
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#8
Diethyl Ether
Concen: 55.989 ug/l
RT: 3.714 min Scan# 305
Delta R.T. -0.000 min
Lab File: VD072709.D
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Tgt Ion: 74 Resp: 95329
Ion Ratio Lower Upper
74 100
45 90.2 52.6 157.8





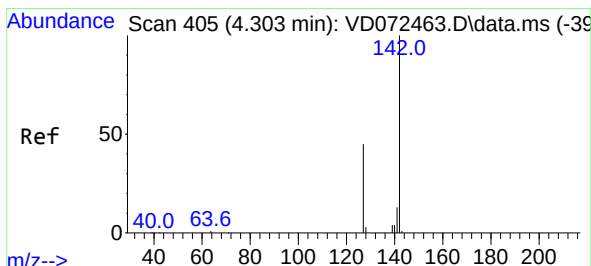
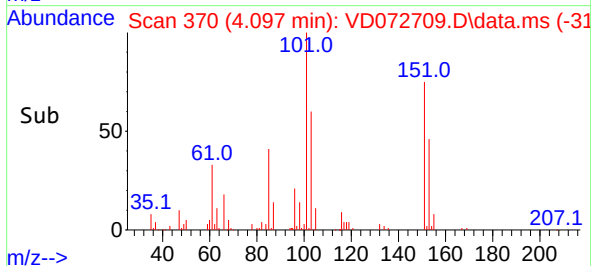
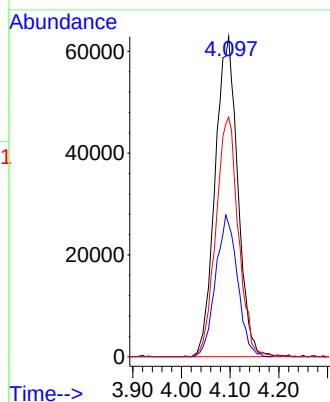
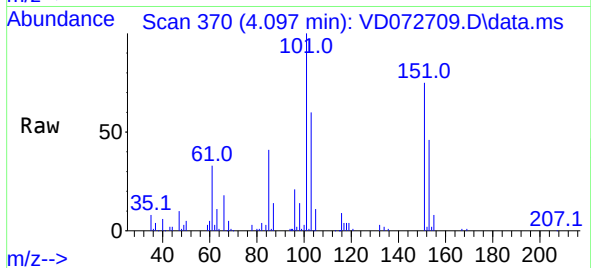
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.928 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 20224
Ion Ratio Lower Upper
101 100
85 42.8 36.4 54.6
151 74.7 57.3 85.9

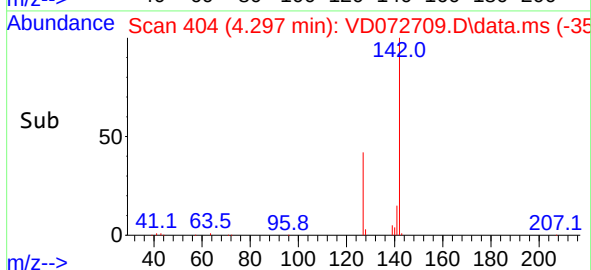
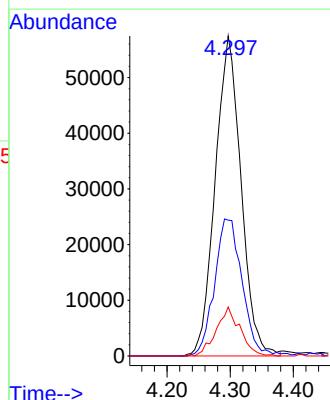
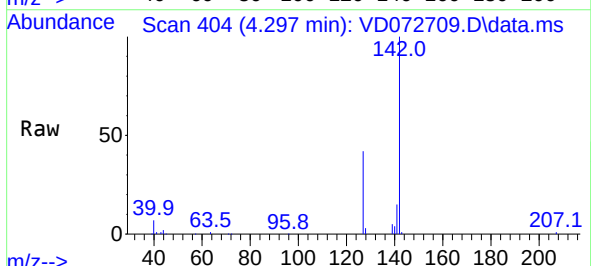
Manual Integrations
APPROVED

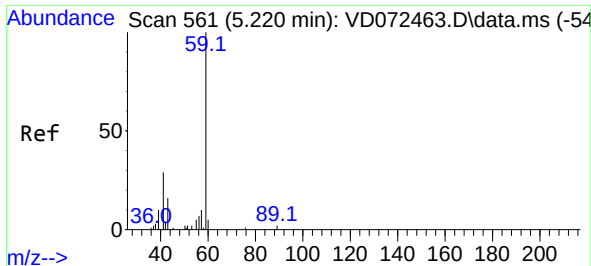
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#10
Methyl Iodide
Concen: 46.148 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

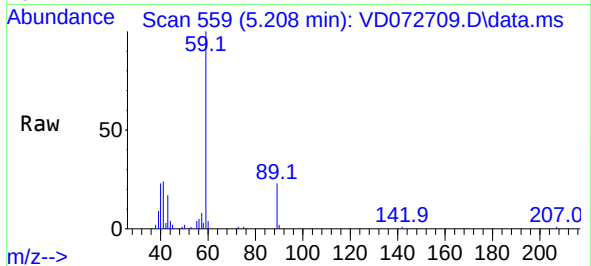
Tgt Ion:142 Resp: 163262
Ion Ratio Lower Upper
142 100
127 45.9 37.3 55.9
141 14.1 11.7 17.5





#11
Tert butyl alcohol
Concen: 396.657 ug/l
RT: 5.208 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

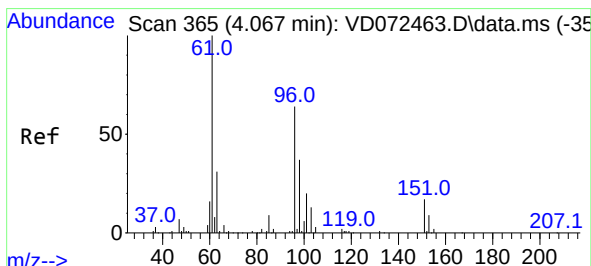
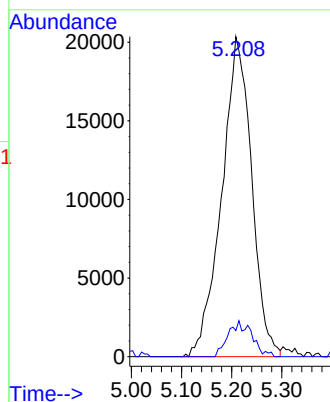
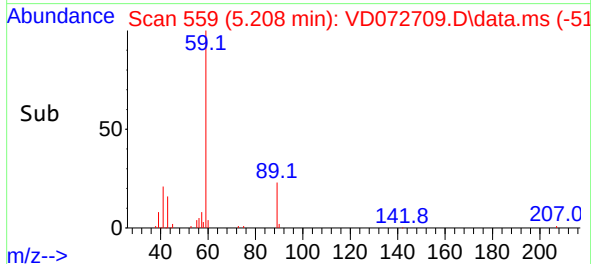
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



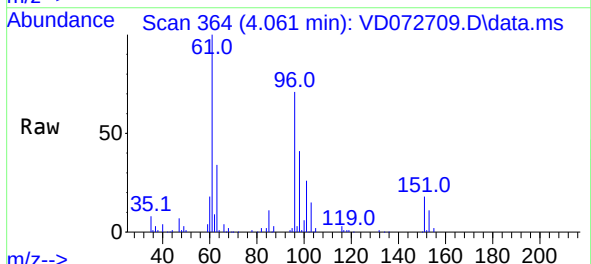
Tgt Ion: 59 Resp: 84280
Ion Ratio Lower Upper
59 100
57 8.9 7.8 11.6

Manual Integrations
APPROVED

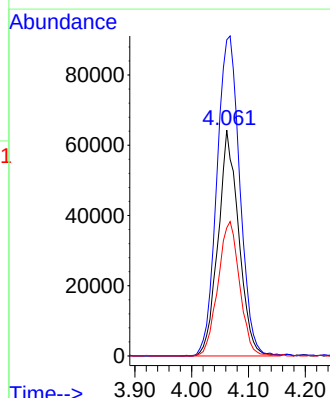
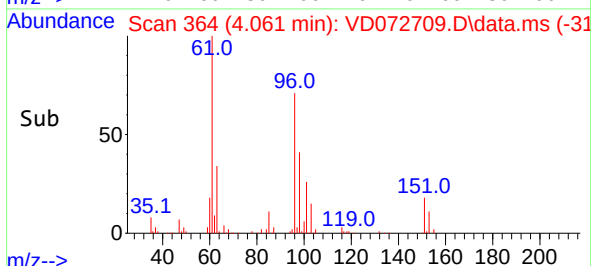
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

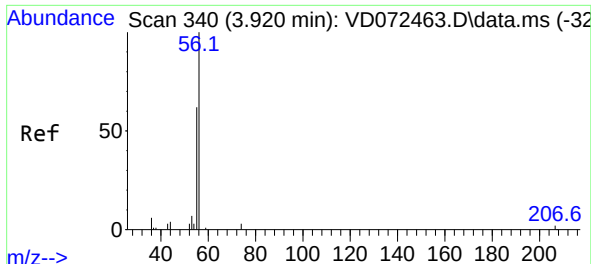


#12
1,1-Dichloroethene
Concen: 54.249 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12



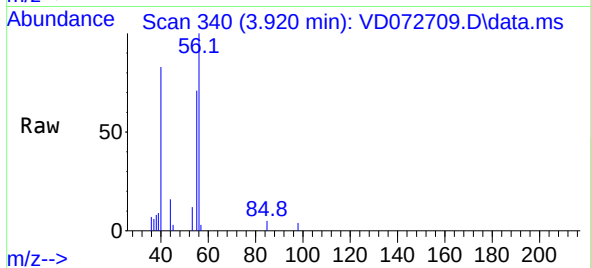
Tgt Ion: 96 Resp: 162062
Ion Ratio Lower Upper
96 100
61 139.9 138.5 207.7
98 56.8 48.6 73.0





#13
Acrolein
Concen: 153.507 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

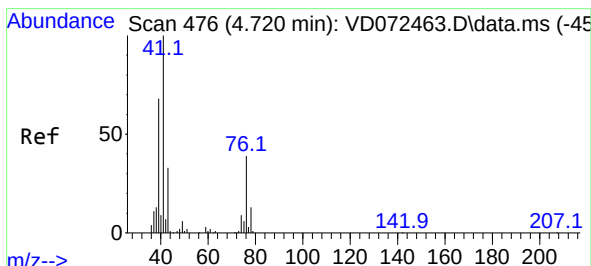
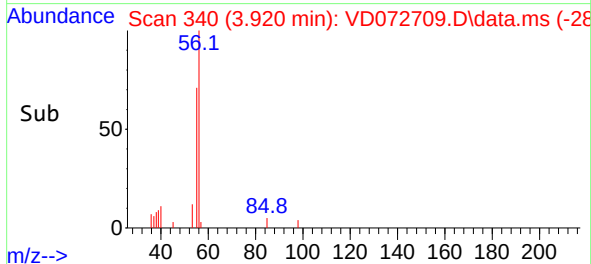
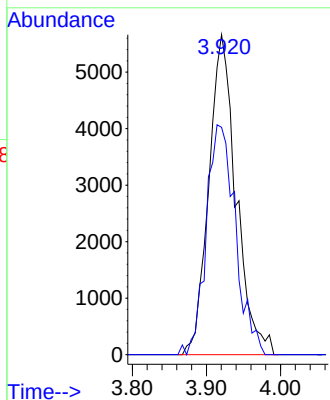
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 14474
Ion Ratio Lower Upper
56 100
55 76.7 57.1 85.7

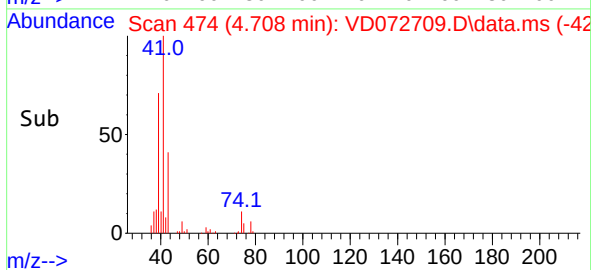
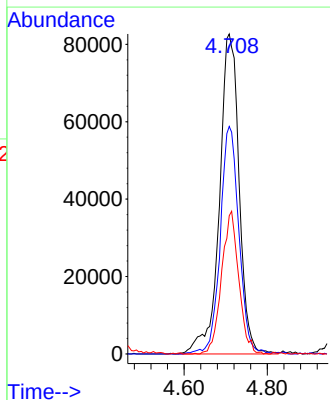
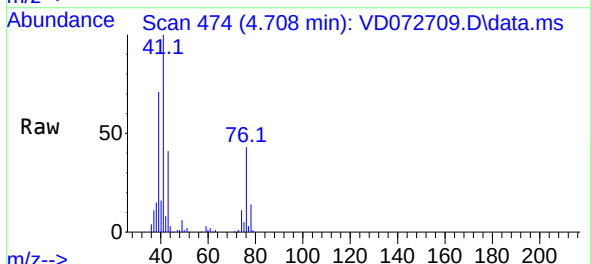
Manual Integrations
APPROVED

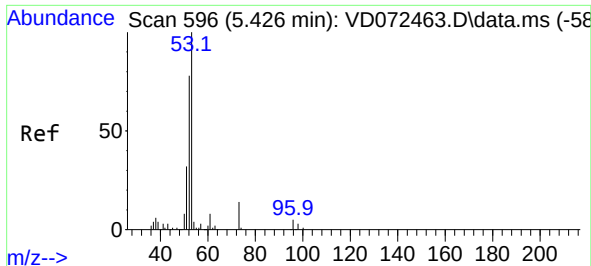
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#14
Allyl chloride
Concen: 51.794 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.011 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

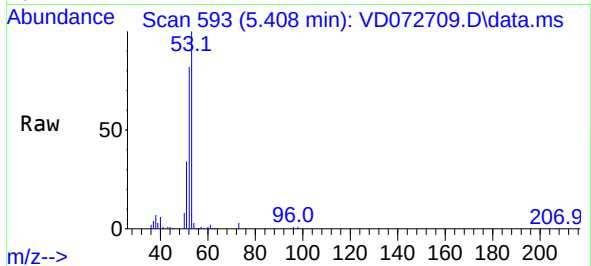
Tgt Ion: 41 Resp: 271917
Ion Ratio Lower Upper
41 100
39 67.3 59.3 88.9
76 39.0 25.7 38.5#





#15
Acrylonitrile
Concen: 290.965 ug/l
RT: 5.408 min Scan# 596
Delta R.T. -0.018 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

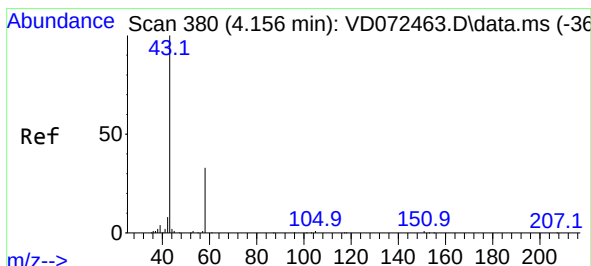
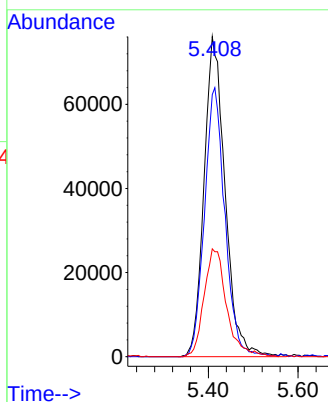
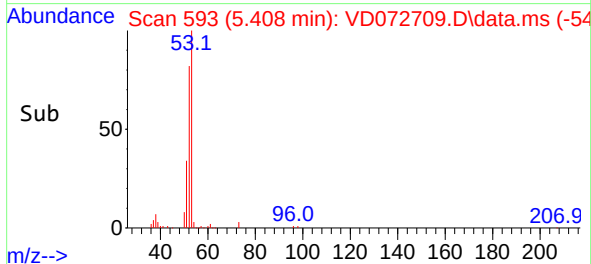
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



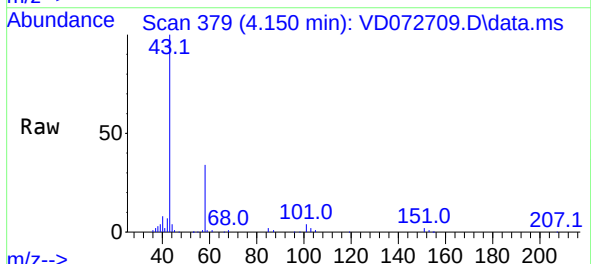
Tgt Ion: 53 Resp: 247758
Ion Ratio Lower Upper
53 100
52 81.8 67.2 100.8
51 36.1 30.3 45.5

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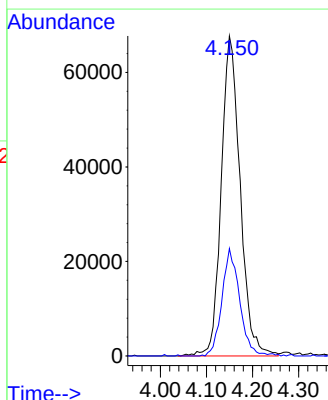
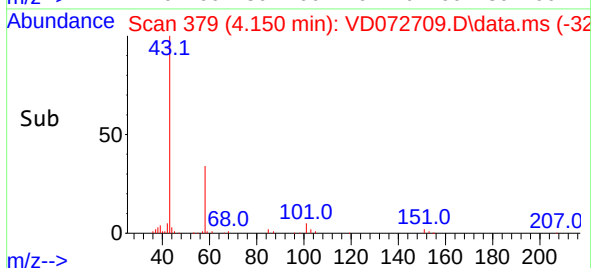
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

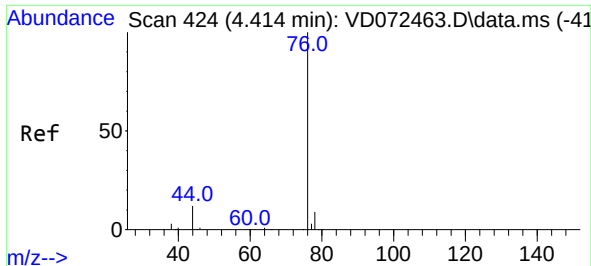


#16
Acetone
Concen: 256.859 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12



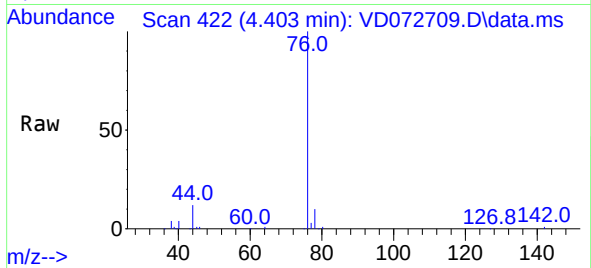
Tgt Ion: 43 Resp: 192707
Ion Ratio Lower Upper
43 100
58 33.2 22.1 33.1#





#17
Carbon Disulfide
Concen: 45.963 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.011 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

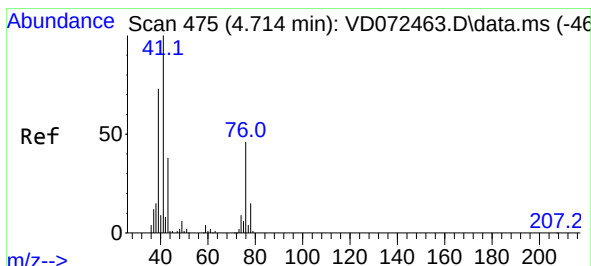
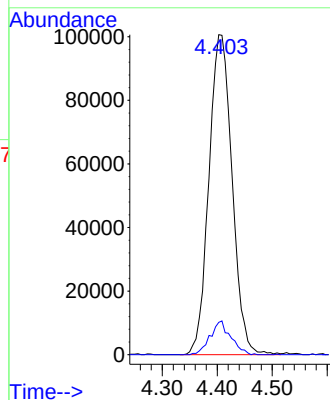
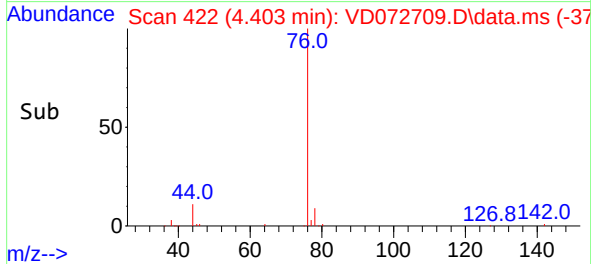
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 295336
Ion Ratio Lower Upper
76 100
78 10.1 7.5 11.3

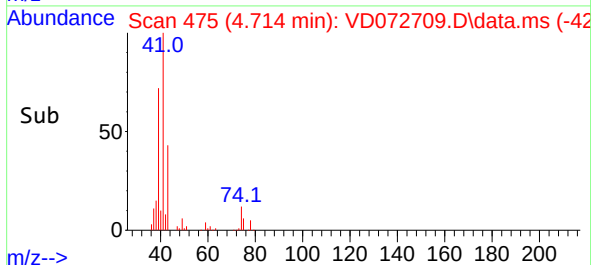
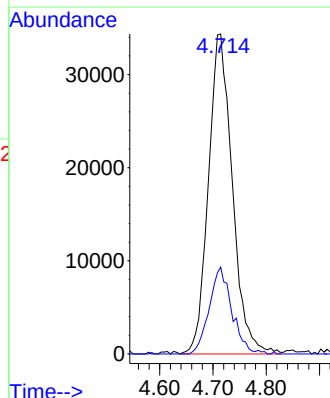
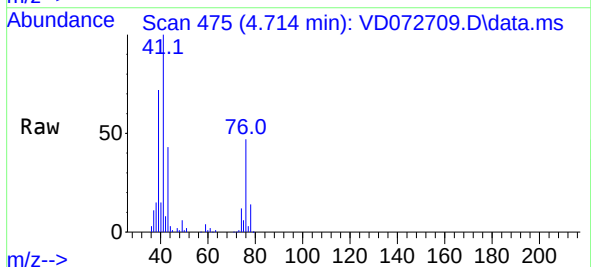
Manual Integrations
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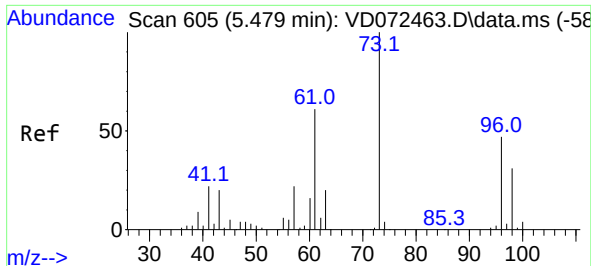
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#18
Methyl Acetate
Concen: 50.754 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

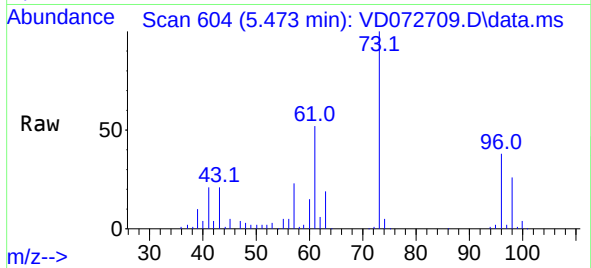
Tgt Ion: 43 Resp: 107274
Ion Ratio Lower Upper
43 100
74 25.4 16.7 25.1#





#19
Methyl tert-butyl Ether
Concen: 58.598 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

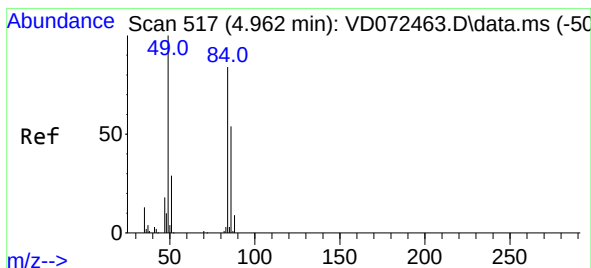
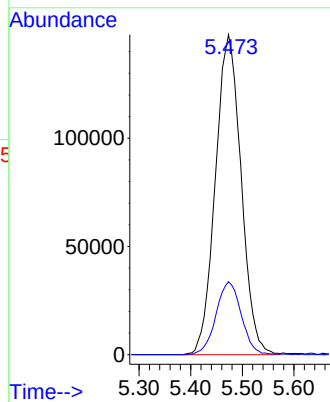
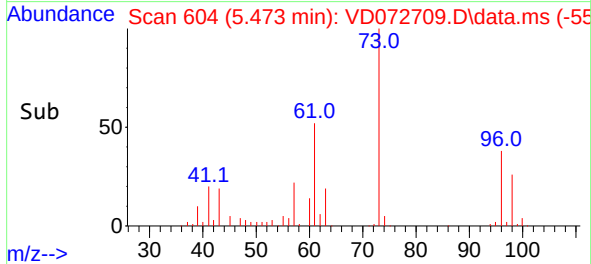
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 510940
Ion Ratio Lower Upper
73 100
57 22.8 18.0 27.0

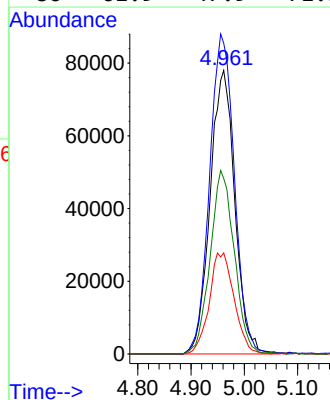
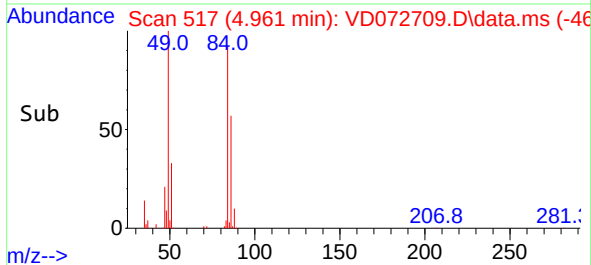
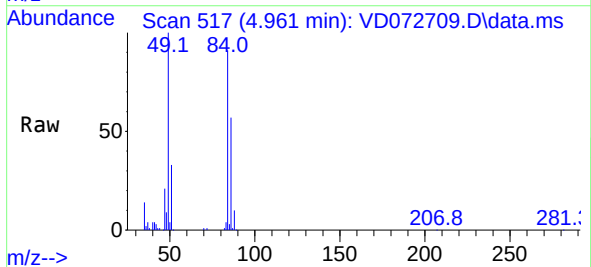
Manual Integrations
APPROVED

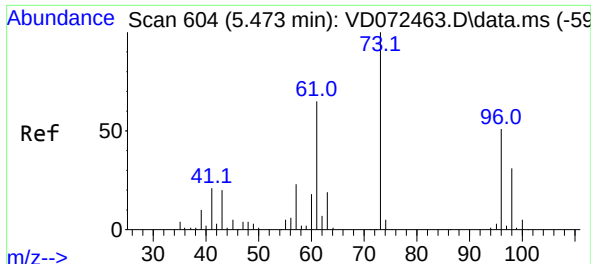
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#20
Methylene Chloride
Concen: 56.254 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

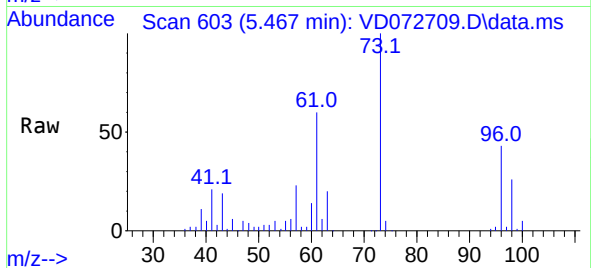
Tgt Ion: 84 Resp: 251251
Ion Ratio Lower Upper
84 100
49 109.6 112.8 169.2#
51 35.7 32.6 48.8
86 61.9 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 50.478 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

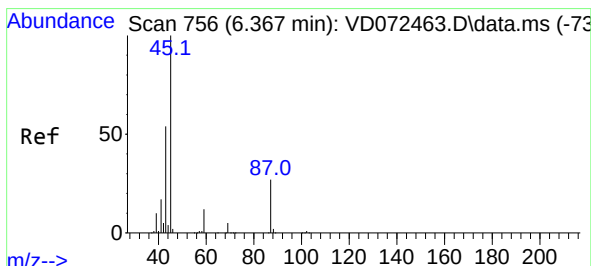
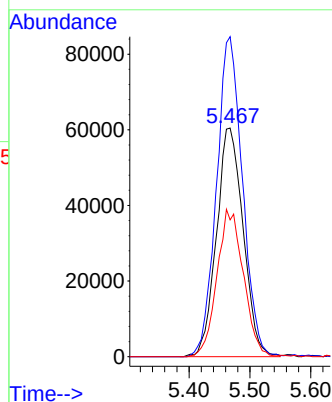
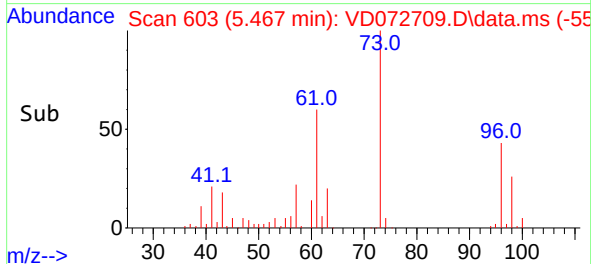
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 184083
Ion Ratio Lower Upper
96 100
61 139.9 117.9 176.9
98 59.8 49.4 74.2

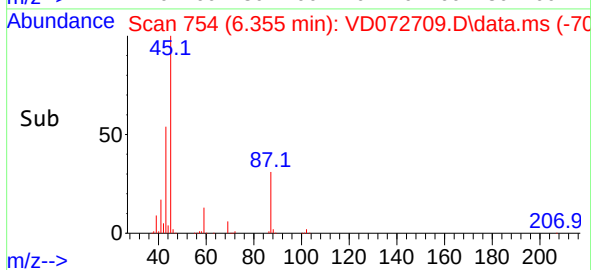
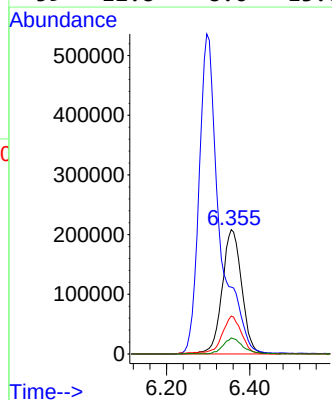
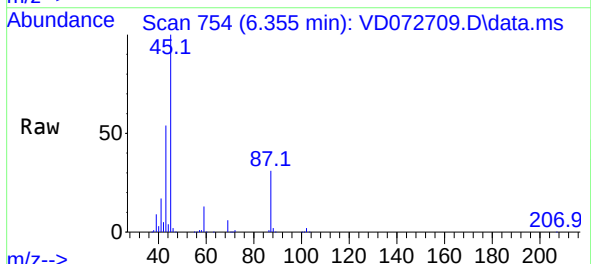
Manual Integrations
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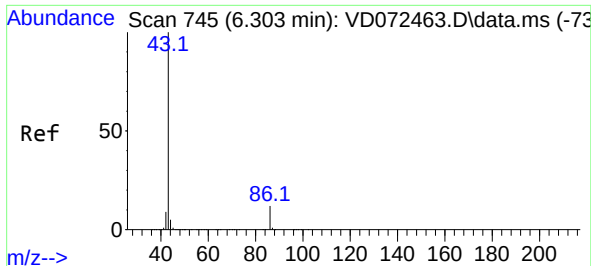
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#22
Diisopropyl ether
Concen: 56.607 ug/l
RT: 6.355 min Scan# 754
Delta R.T. -0.012 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

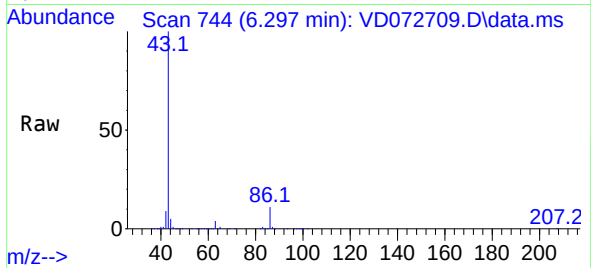
Tgt Ion: 45 Resp: 679421
Ion Ratio Lower Upper
45 100
43 53.2 46.6 70.0
87 30.4 18.4 27.6#
59 12.8 8.6 13.0





#23
 Vinyl Acetate
 Concen: 282.219 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.006 min
 Lab File: VD072709.D
 Acq: 25 Apr 2022 16:12

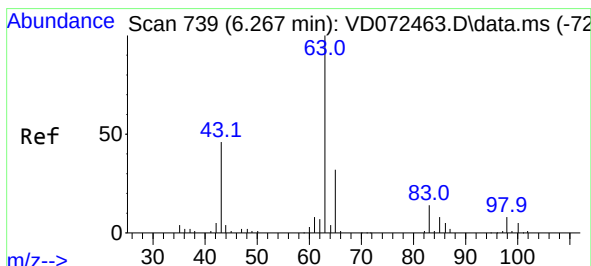
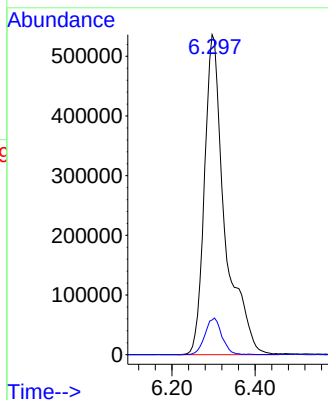
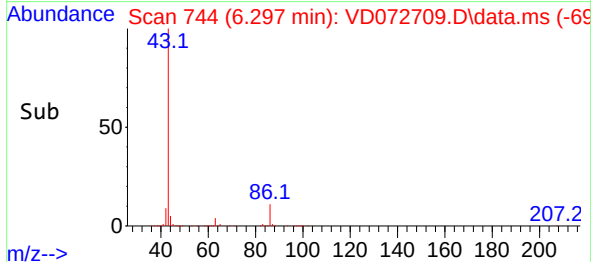
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



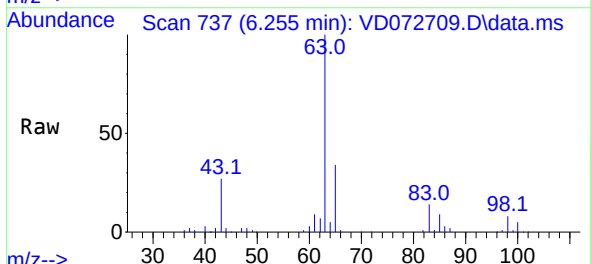
Tgt Ion: 43 Resp: 1827269
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7

Manual Integrations
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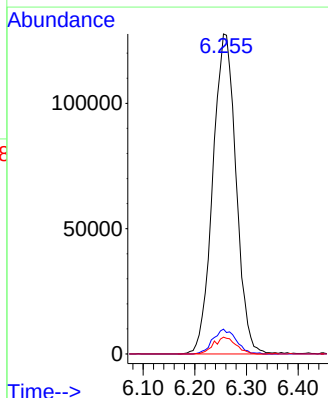
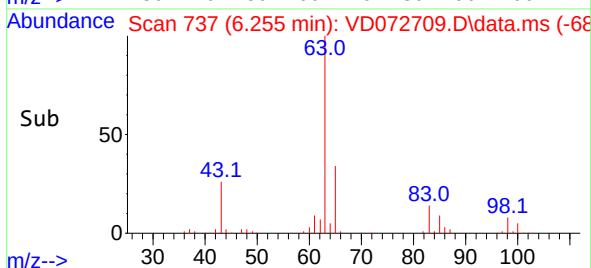
Reviewed By :John Carlone 04/26/2022
 Supervised By :Mahesh Dadoda 04/26/2022

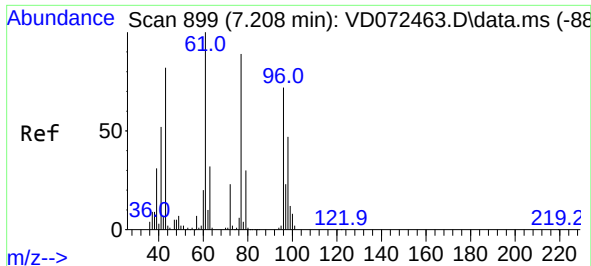


#24
 1,1-Dichloroethane
 Concen: 55.110 ug/l
 RT: 6.255 min Scan# 737
 Delta R.T. -0.012 min
 Lab File: VD072709.D
 Acq: 25 Apr 2022 16:12



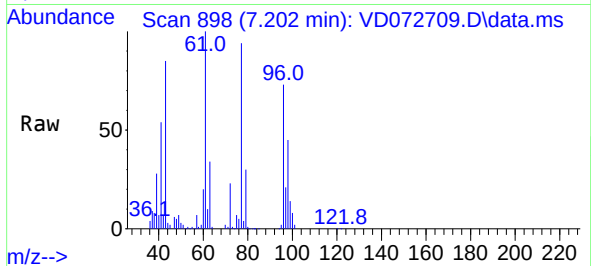
Tgt Ion: 63 Resp: 398585
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.9
 100 5.2 2.1 6.5





#25
2-Butanone
Concen: 281.242 ug/l
RT: 7.202 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

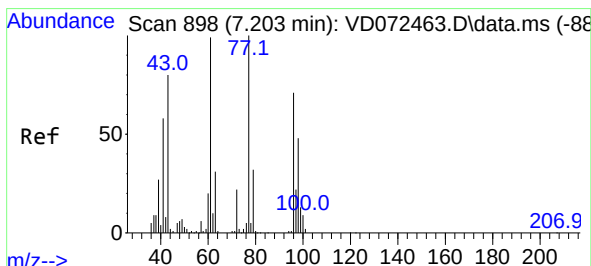
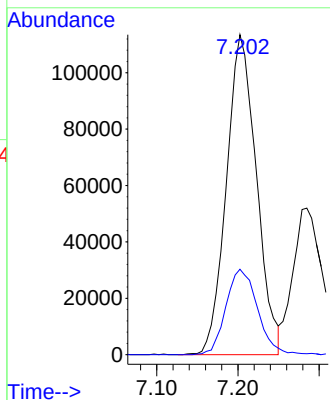
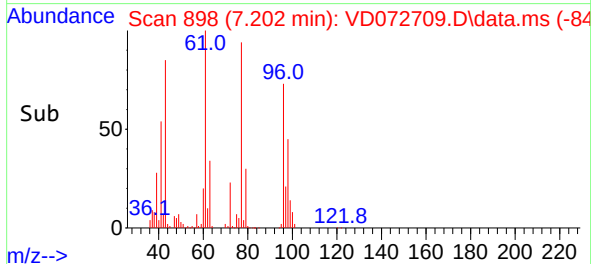
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



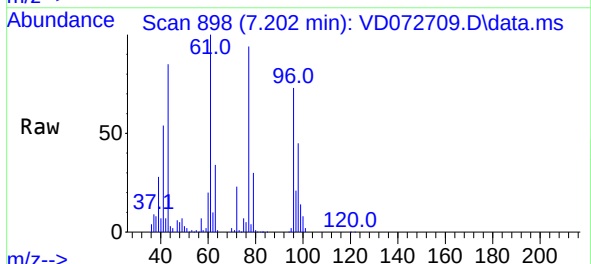
Tgt Ion: 43 Resp: 291819
Ion Ratio Lower Upper
43 100
72 26.7 18.6 27.8

Manual Integrations
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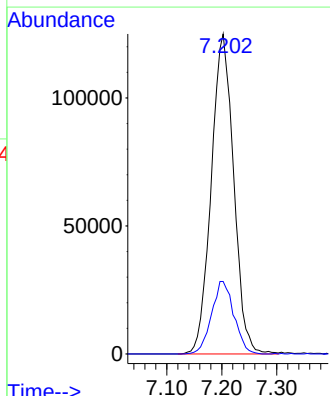
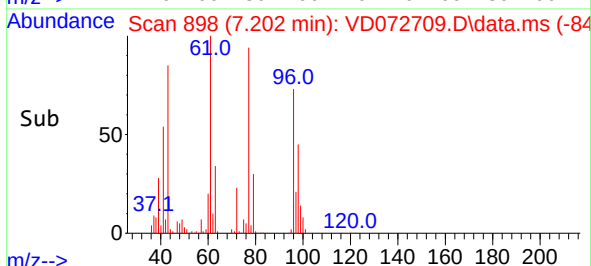
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

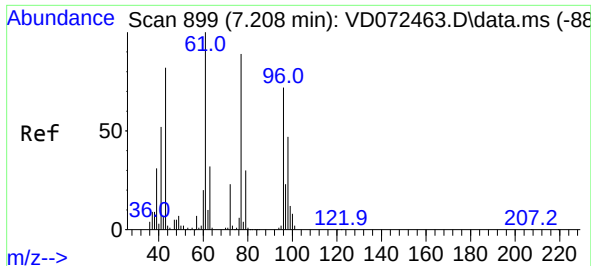


#26
2,2-Dichloropropane
Concen: 55.151 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12



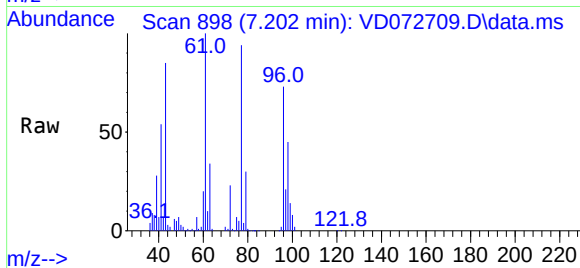
Tgt Ion: 77 Resp: 354294
Ion Ratio Lower Upper
77 100
97 22.6 10.8 32.4





#27
cis-1,2-Dichloroethene
Concen: 55.071 ug/l
RT: 7.202 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

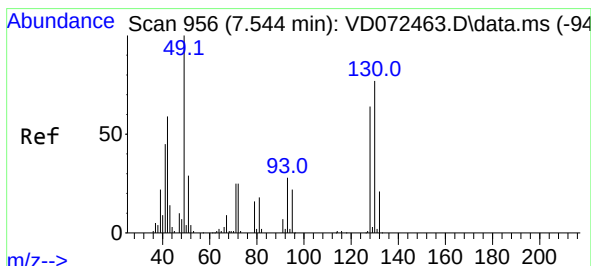
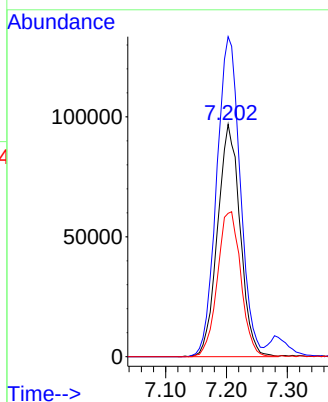
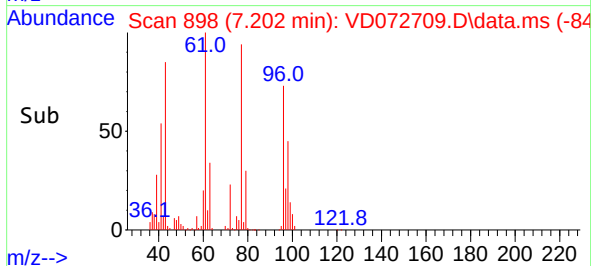
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



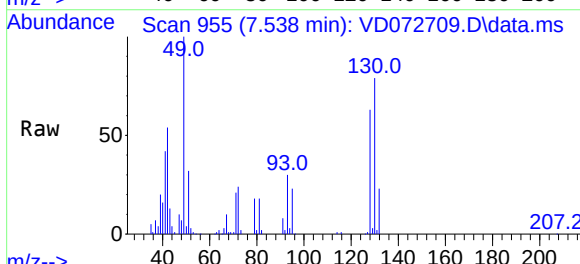
Tgt Ion: 96 Resp: 249789
Ion Ratio Lower Upper
96 100
61 143.8 0.0 313.8
98 64.7 0.0 128.8

Manual Integrations
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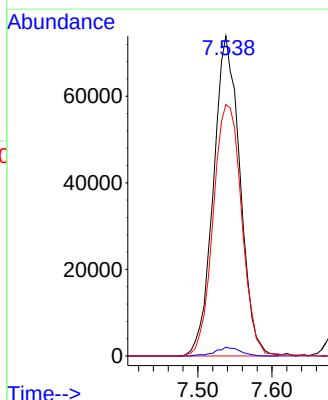
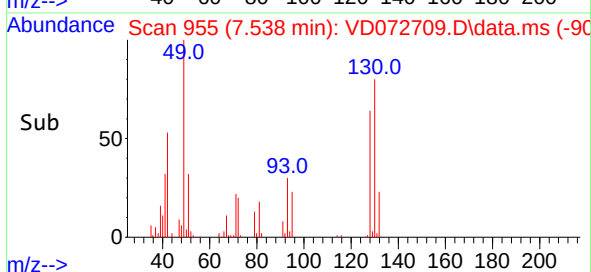
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

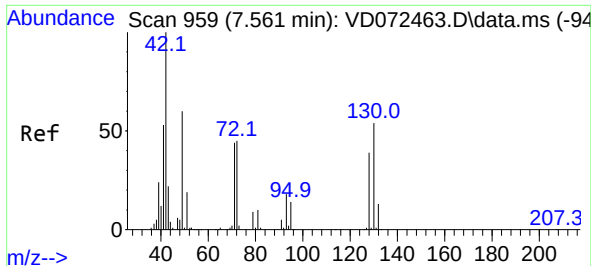


#28
Bromochloromethane
Concen: 59.227 ug/l
RT: 7.538 min Scan# 955
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12



Tgt Ion: 49 Resp: 183544
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.0
130 84.6 52.6 79.0#





#29

Tetrahydrofuran

Concen: 297.256 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD072709.D

Acq: 25 Apr 2022 16:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

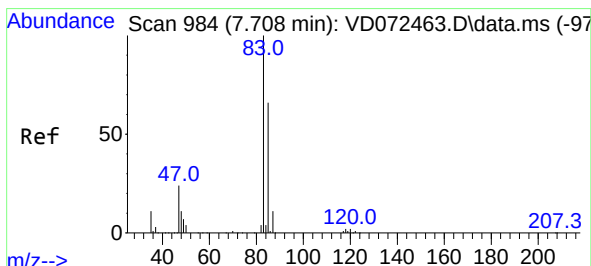
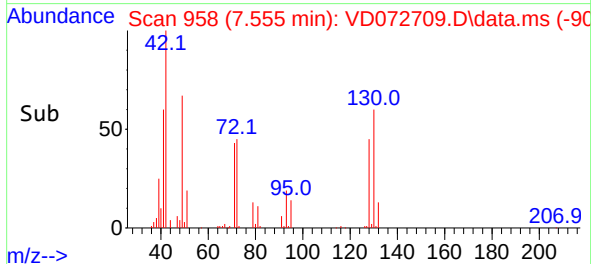
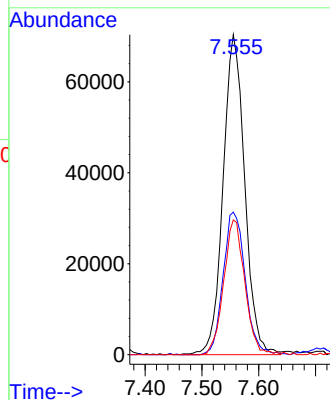
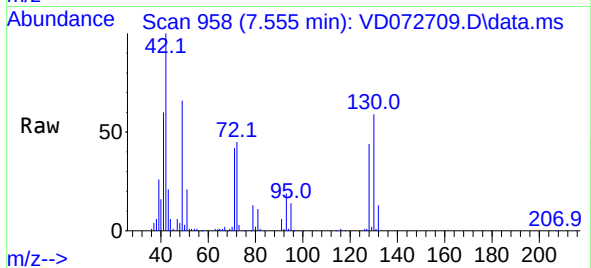
Tgt Ion: 42 Resp: 186210
 Ion Ratio Lower Upper
 42 100
 72 45.5 30.7 46.1
 71 41.3 28.6 43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2022

Supervised By :Mahesh Dadoda 04/26/2022



#30

Chloroform

Concen: 53.906 ug/l

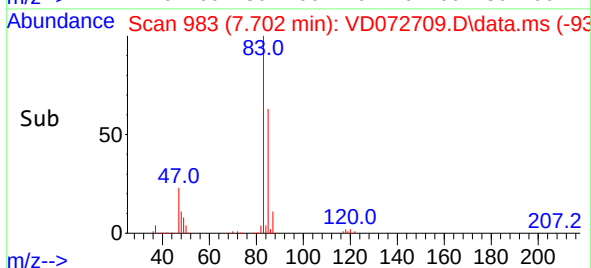
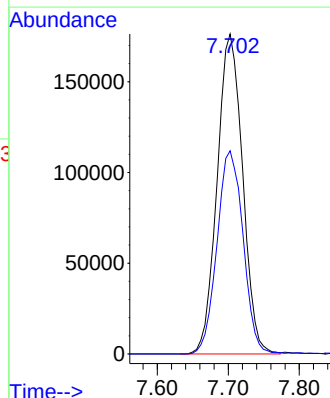
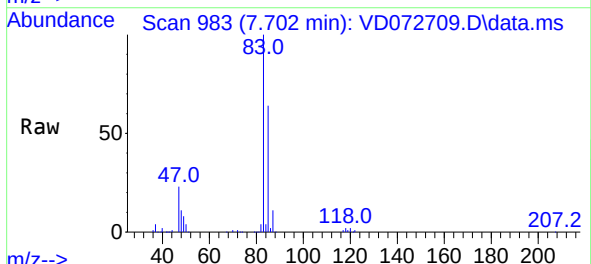
RT: 7.702 min Scan# 983

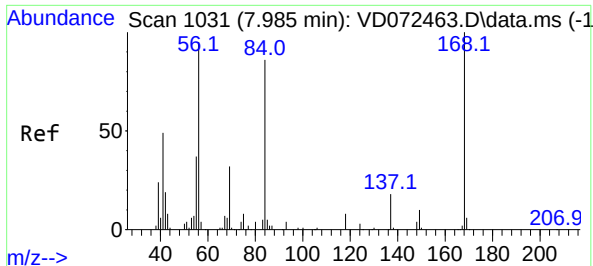
Delta R.T. -0.006 min

Lab File: VD072709.D

Acq: 25 Apr 2022 16:12

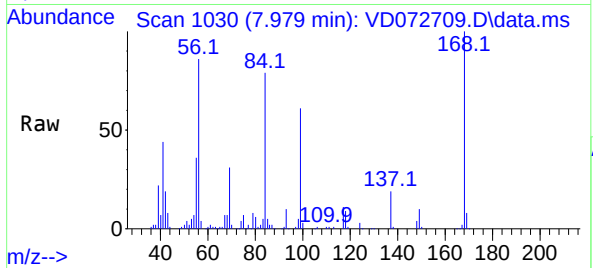
Tgt Ion: 83 Resp: 438576
 Ion Ratio Lower Upper
 83 100
 85 63.5 52.7 79.1





#31
Cyclohexane
Concen: 52.521 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

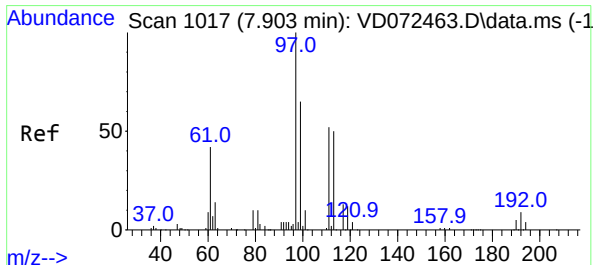
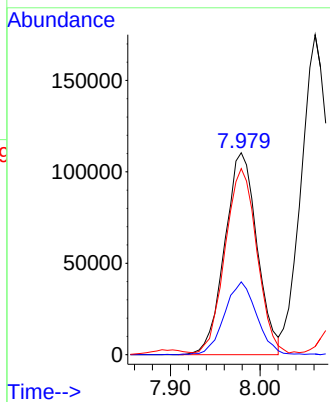
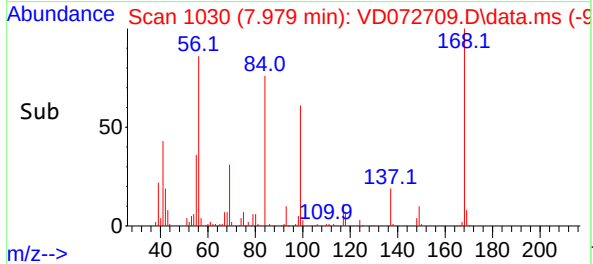
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 27631
Ion Ratio Lower Upper
56 100
69 36.1 25.4 38.2
84 90.1 63.0 94.4

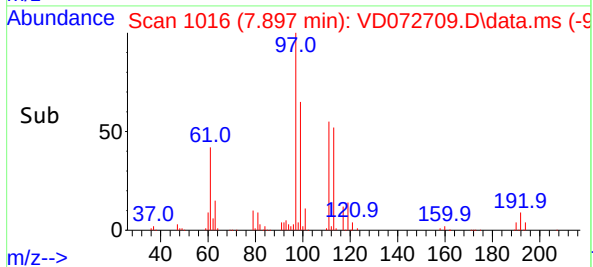
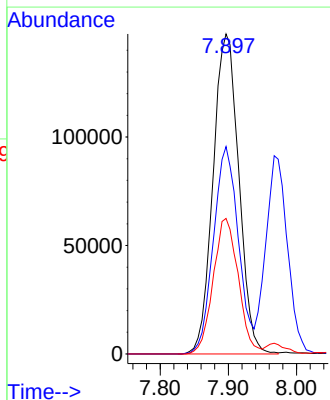
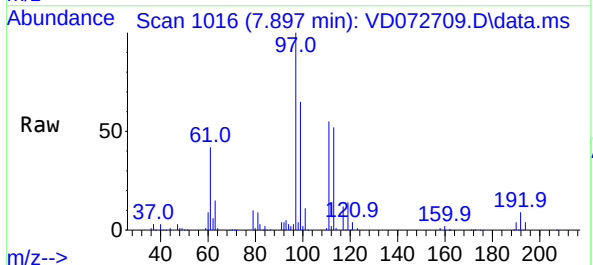
Manual Integrations
APPROVED

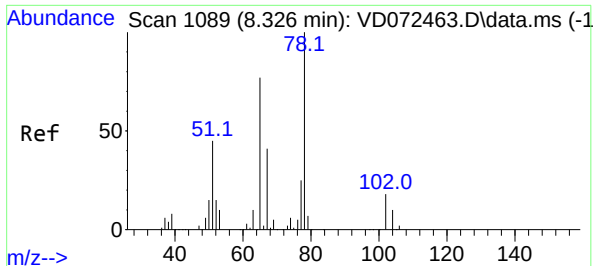
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#32
1,1,1-Trichloroethane
Concen: 56.177 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

Tgt Ion: 97 Resp: 387651
Ion Ratio Lower Upper
97 100
99 63.1 52.4 78.6
61 41.3 38.0 57.0





#33
1,2-Dichloroethane-d4
Concen: 54.144 ug/l
RT: 8.326 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

Instrument :

MSVOA_D

ClientSampleId :

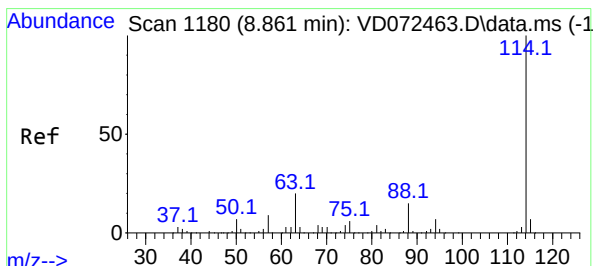
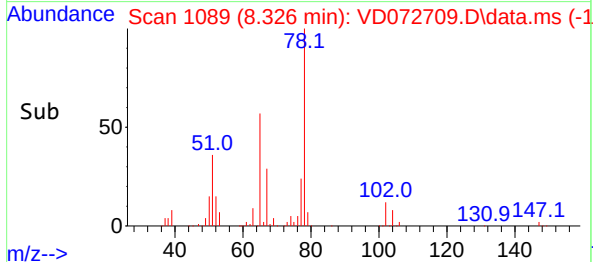
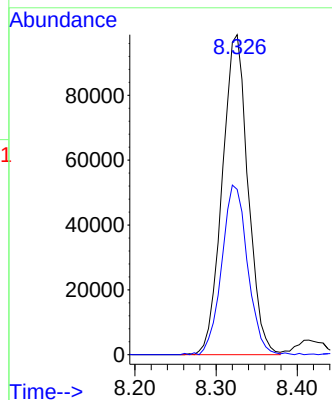
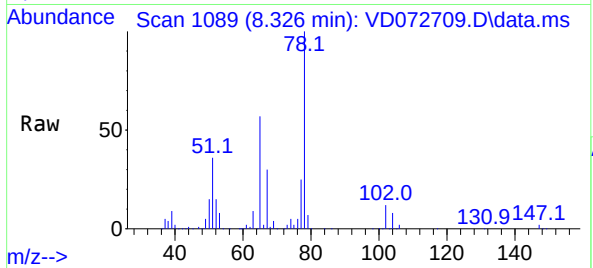
VSTDCCC050EC

Tgt Ion: 65 Resp: 21784
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.4

Manual Integrations

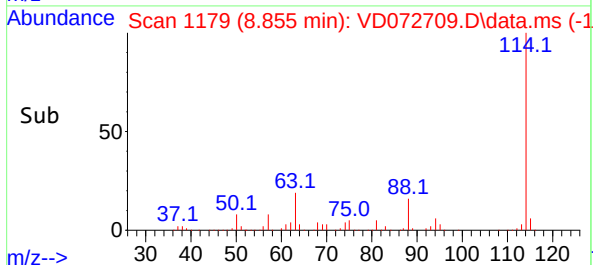
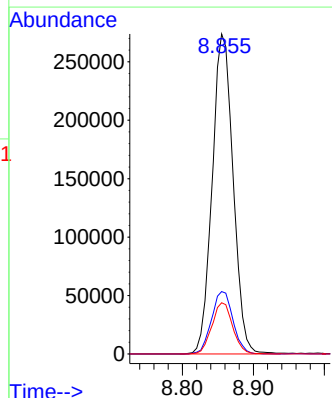
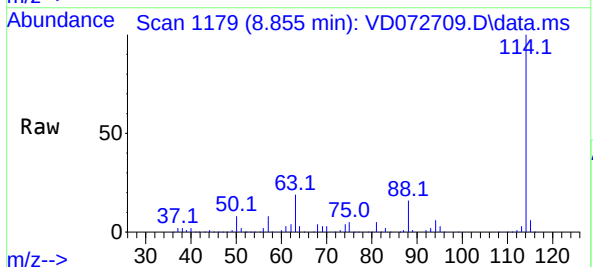
APPROVED

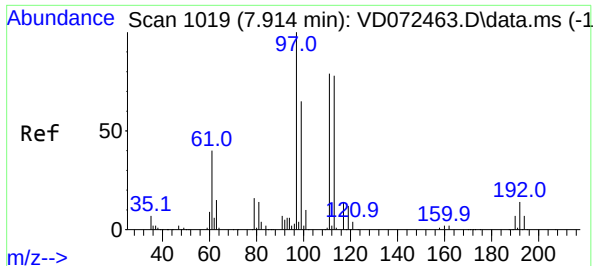
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

Tgt Ion:114 Resp: 559688
Ion Ratio Lower Upper
114 100
63 19.5 0.0 46.6
88 16.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 53.418 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.012 min

Lab File: VD072709.D

Acq: 25 Apr 2022 16:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 232340

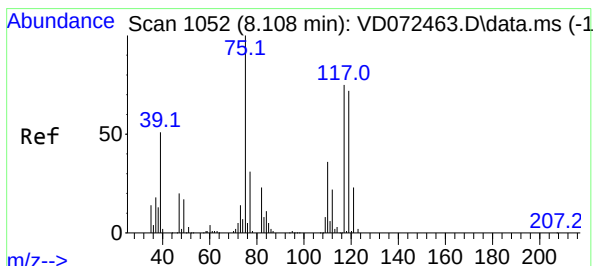
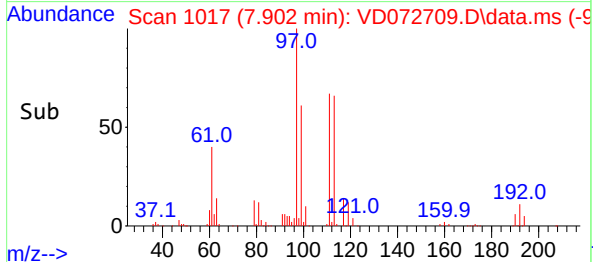
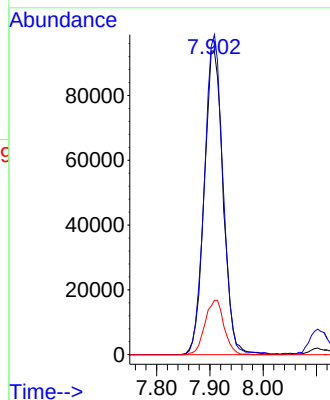
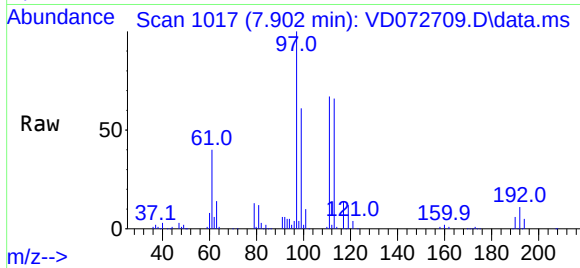
Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.8	125.6
192	18.0	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2022

Supervised By :Mahesh Dadoda 04/26/2022



#36

1,1-Dichloropropene

Concen: 49.812 ug/l

RT: 8.102 min Scan# 1051

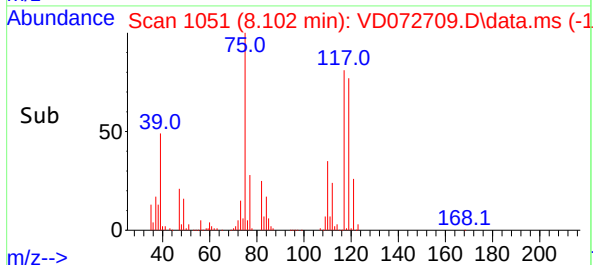
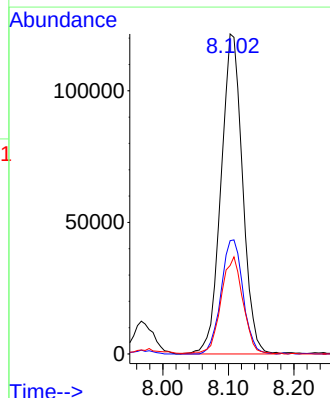
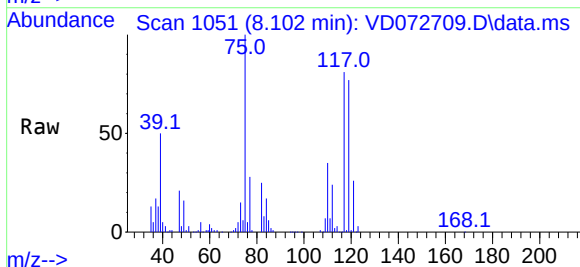
Delta R.T. -0.006 min

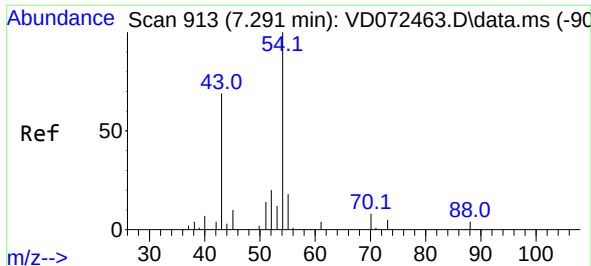
Lab File: VD072709.D

Acq: 25 Apr 2022 16:12

Tgt Ion: 75 Resp: 276850

Ion	Ratio	Lower	Upper
75	100		
110	36.3	16.4	49.1
77	31.1	24.2	36.2





#37

Ethyl Acetate

Concen: 58.445 ug/l

RT: 7.285 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD072709.D

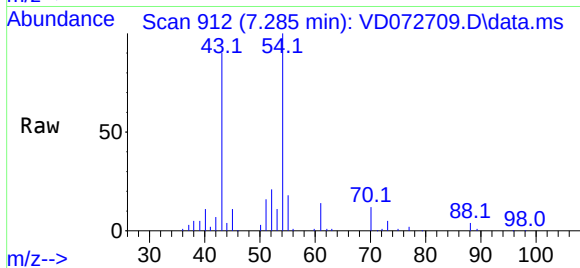
Acq: 25 Apr 2022 16:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 134698

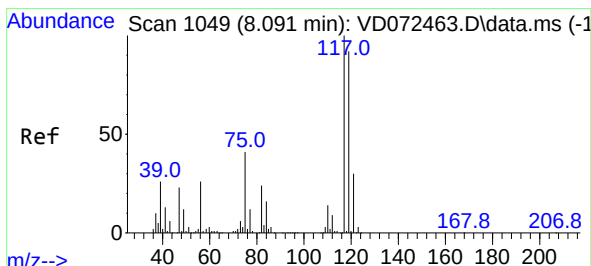
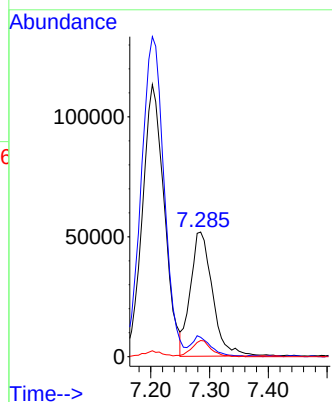
Ion	Ratio	Lower	Upper
43	100		
61	14.4	9.8	14.8
70	11.6	6.9	10.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2022

Supervised By :Mahesh Dadoda 04/26/2022



#38

Carbon Tetrachloride

Concen: 54.265 ug/l

RT: 8.091 min Scan# 1049

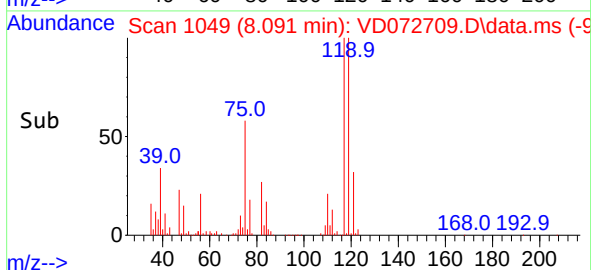
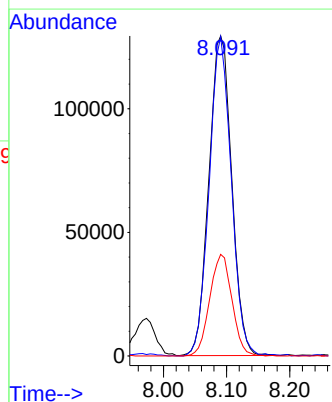
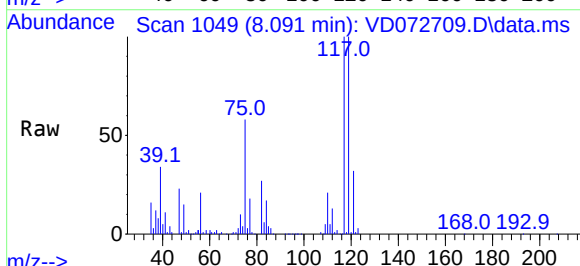
Delta R.T. -0.000 min

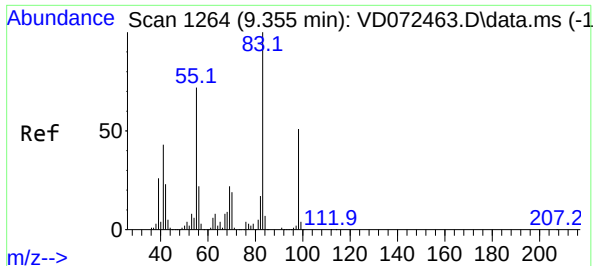
Lab File: VD072709.D

Acq: 25 Apr 2022 16:12

Tgt Ion:117 Resp: 325165

Ion	Ratio	Lower	Upper
117	100		
119	99.9	75.8	113.6
121	31.8	24.5	36.7





#39

Methylcyclohexane

Concen: 48.247 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD072709.D

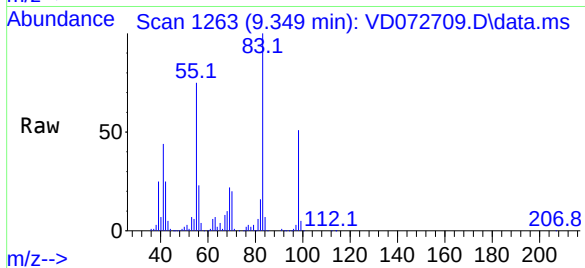
Acq: 25 Apr 2022 16:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 83 Resp: 31162

Ion Ratio Lower Upper

83 100

55 75.3 63.2 94.8

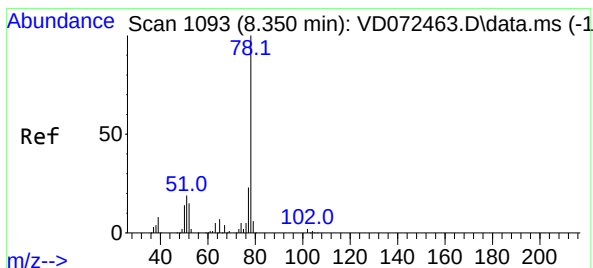
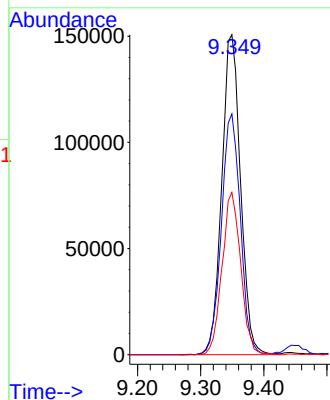
98 50.7 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2022

Supervised By :Mahesh Dadoda 04/26/2022



#40

Benzene

Concen: 55.358 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD072709.D

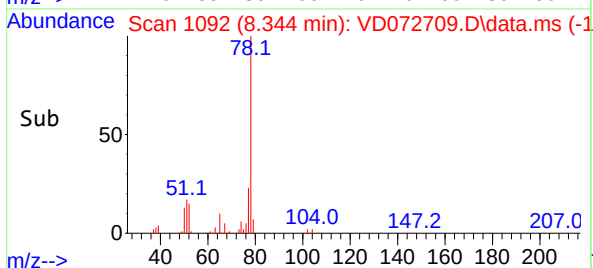
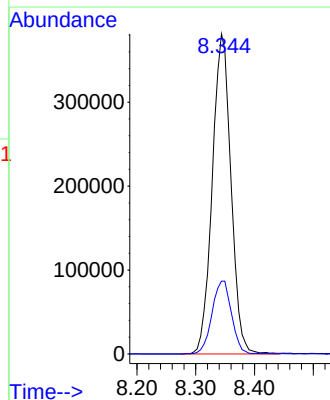
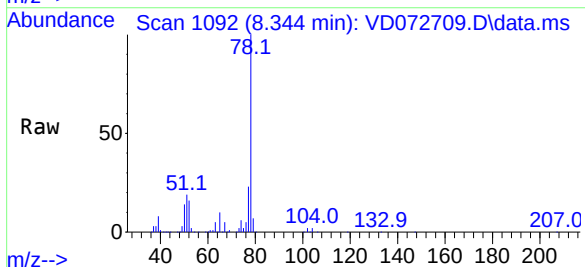
Acq: 25 Apr 2022 16:12

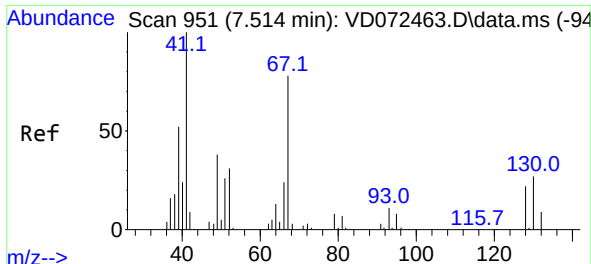
Tgt Ion: 78 Resp: 840912

Ion Ratio Lower Upper

78 100

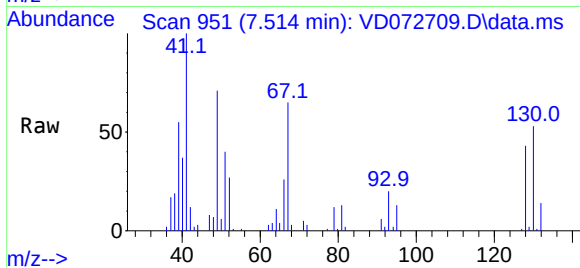
77 22.8 19.1 28.7





#41
Methacrylonitrile
Concen: 64.101 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

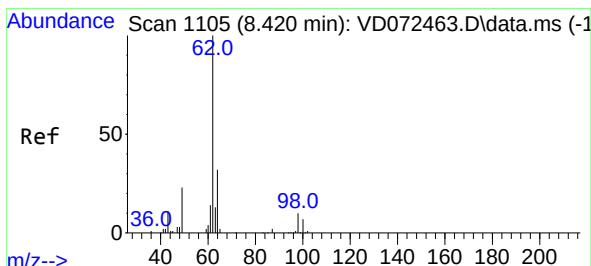
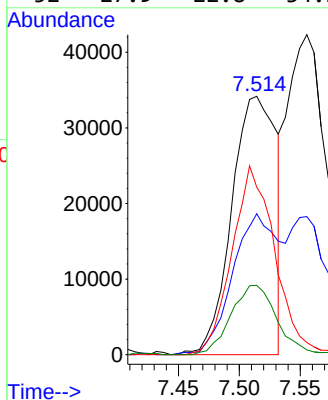
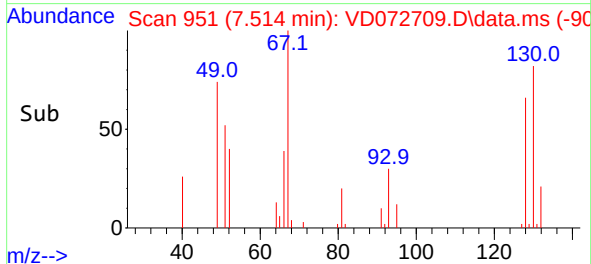
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



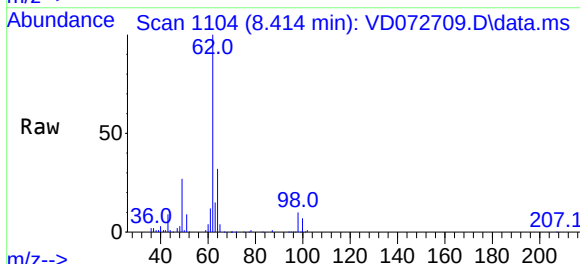
Tgt Ion: 41 Resp: 86989
Ion Ratio Lower Upper
41 100
39 59.1 44.6 67.0
67 71.2 48.2 72.4
52 27.9 22.8 34.2

Manual Integrations
APPROVED

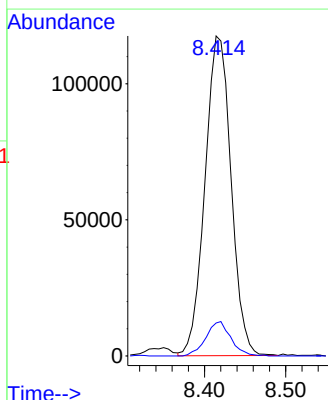
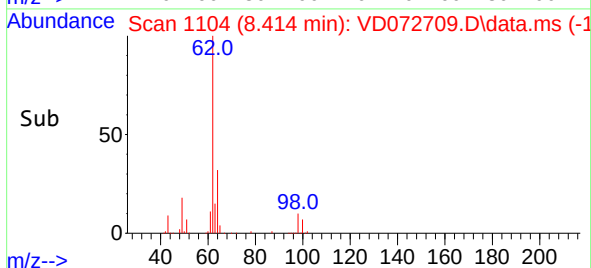
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

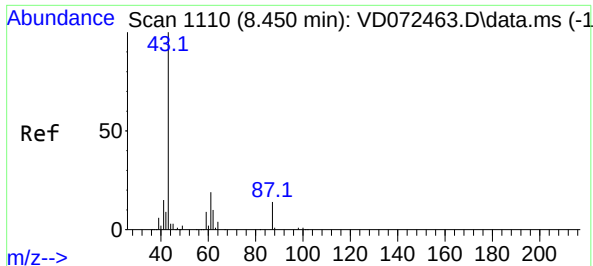


#42
1,2-Dichloroethane
Concen: 56.449 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12



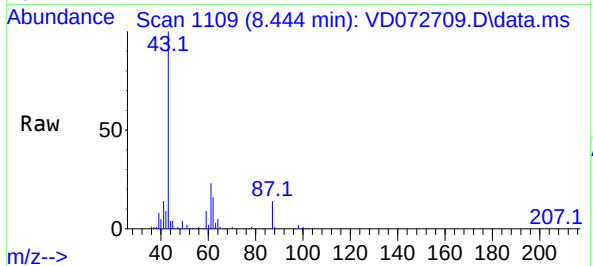
Tgt Ion: 62 Resp: 262091
Ion Ratio Lower Upper
62 100
98 10.3 0.0 17.6





#43
Isopropyl Acetate
Concen: 59.969 ug/l
RT: 8.444 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

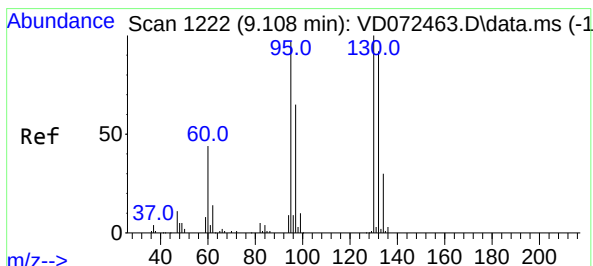
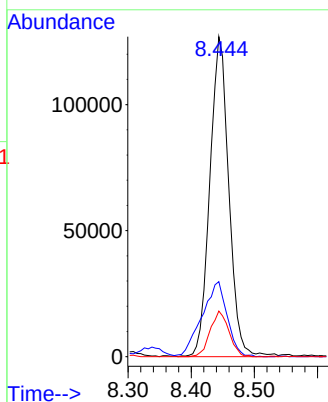
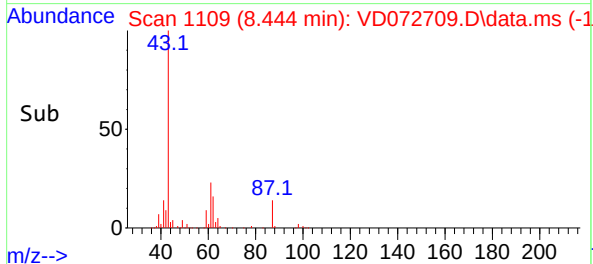
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 265110
Ion Ratio Lower Upper
43 100
61 31.1 22.4 33.6
87 14.1 8.7 13.1

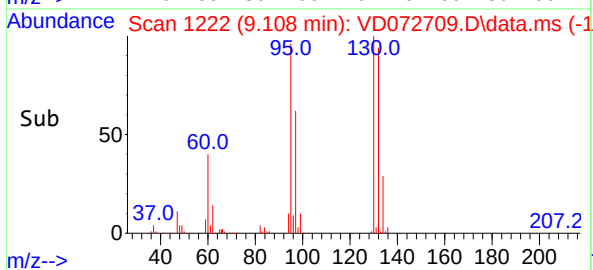
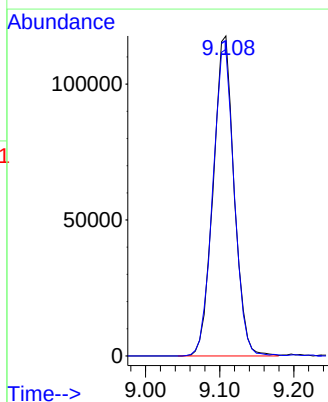
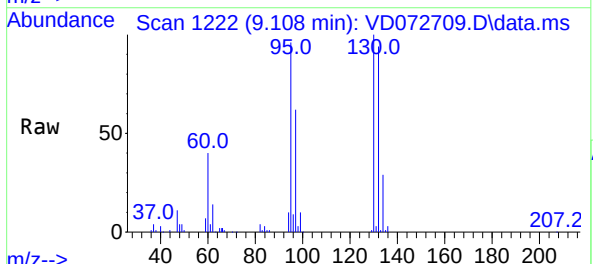
Manual Integrations
APPROVED

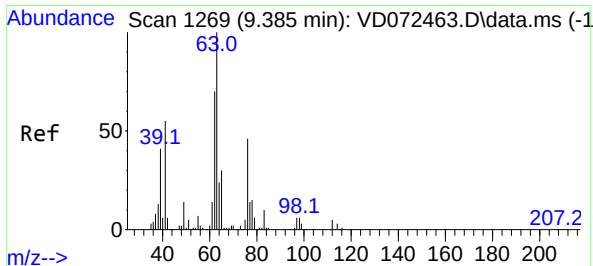
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#44
Trichloroethene
Concen: 53.592 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

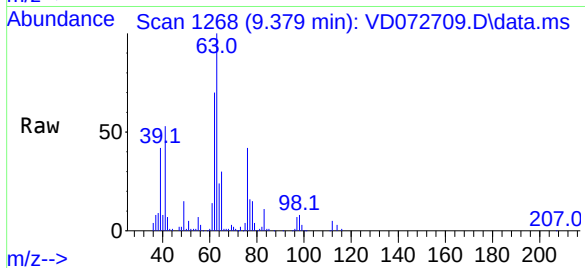
Tgt Ion:130 Resp: 231116
Ion Ratio Lower Upper
130 100
95 95.8 0.0 205.4





#45
1,2-Dichloropropane
Concen: 54.601 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

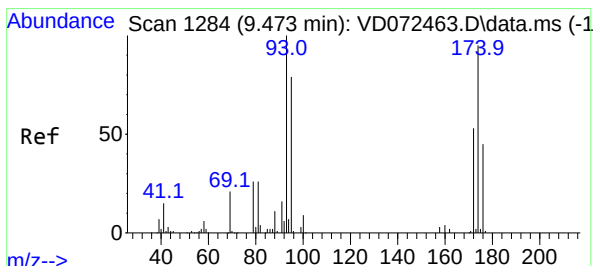
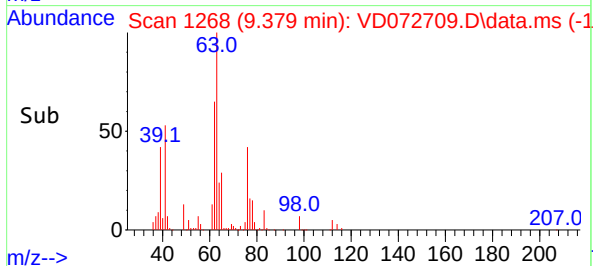
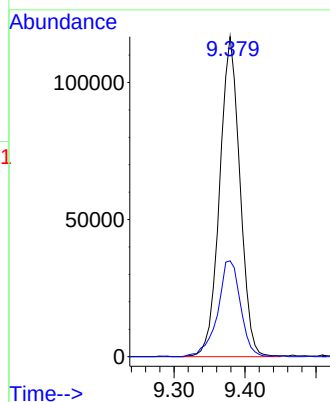
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 23072
Ion Ratio Lower Upper
63 100
65 30.0 26.2 39.4

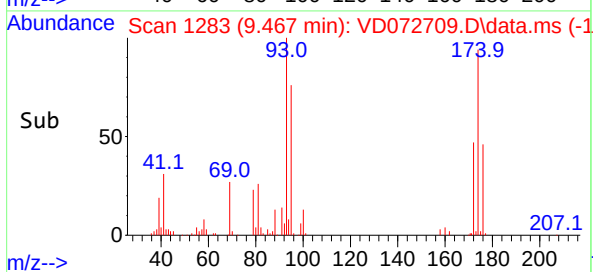
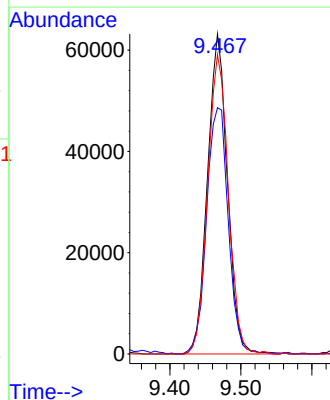
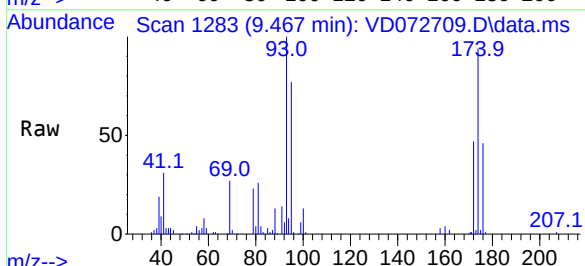
Manual Integrations
APPROVED

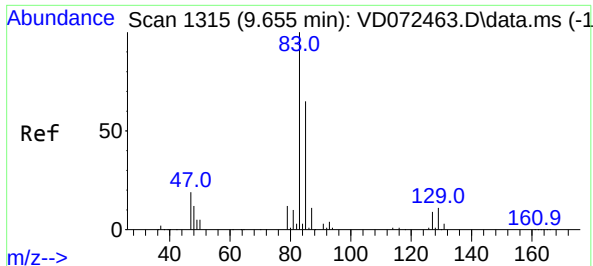
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#46
Dibromomethane
Concen: 55.452 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

Tgt Ion: 93 Resp: 122936
Ion Ratio Lower Upper
93 100
95 84.4 66.7 100.1
174 97.1 71.6 107.4





#47
Bromodichloromethane
Concen: 54.541 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

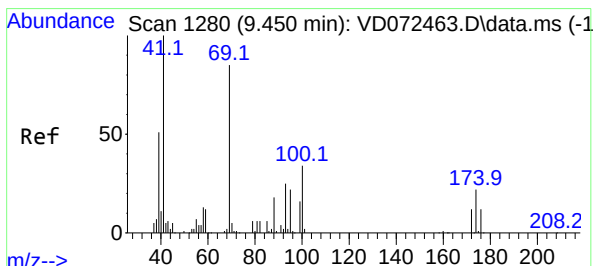
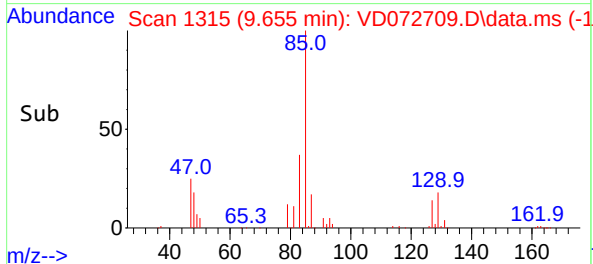
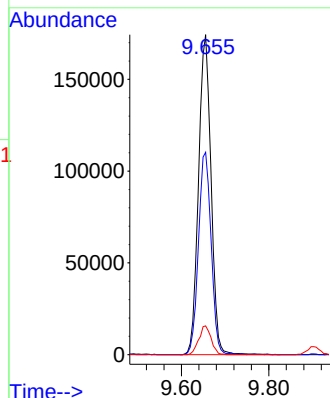
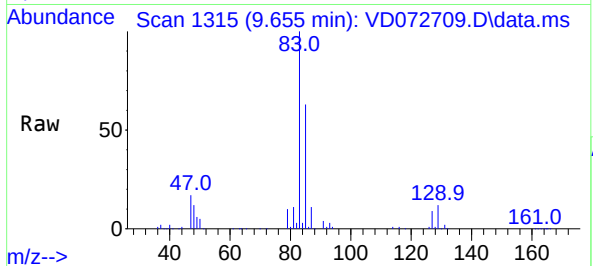
Tgt Ion: 83 Resp: 347370
Ion Ratio Lower Upper
83 100
85 63.3 51.4 77.0
127 9.0 6.1 9.1

Manual Integrations

APPROVED

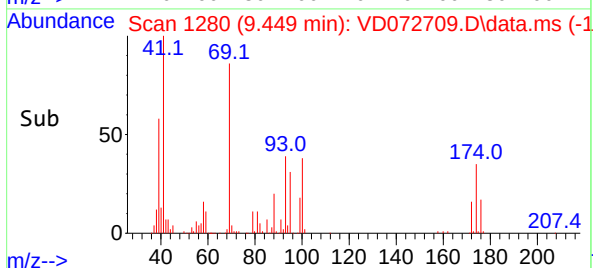
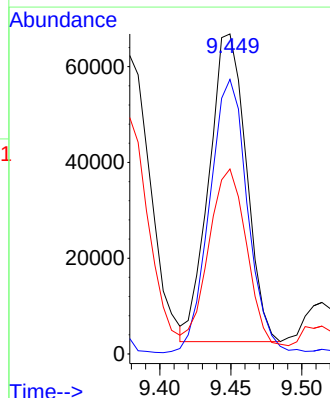
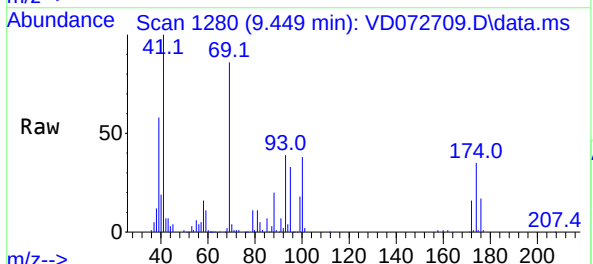
Reviewed By :John Carlone 04/26/2022

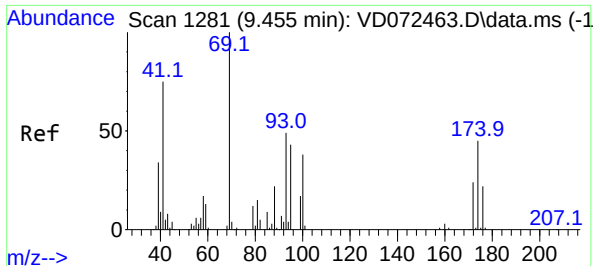
Supervised By :Mahesh Dadoda 04/26/2022



#48
Methyl methacrylate
Concen: 54.536 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

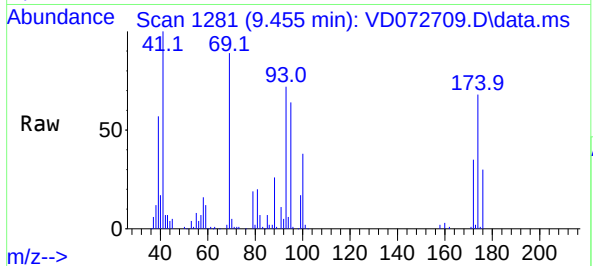
Tgt Ion: 41 Resp: 117050
Ion Ratio Lower Upper
41 100
69 92.2 56.7 85.1#
39 64.4 42.7 64.1#





#49
1,4-Dioxane
Concen: 1116.038 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

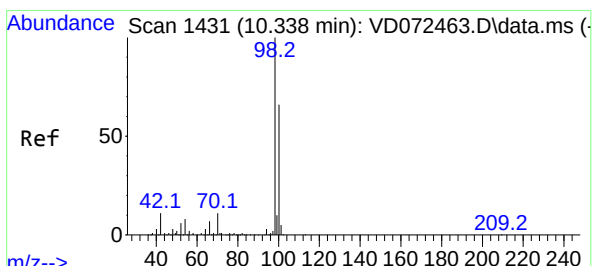
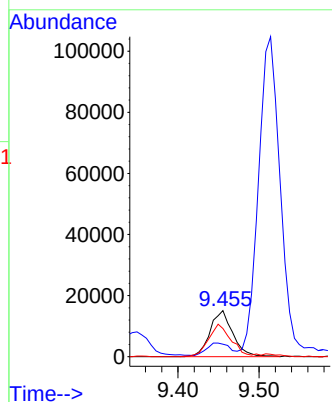
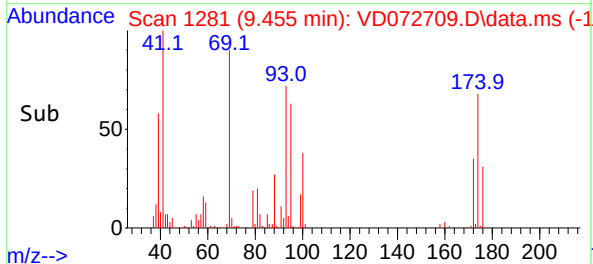
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 29432
Ion Ratio Lower Upper
88 100
43 27.6 31.0 46.4
58 69.5 58.1 87.1

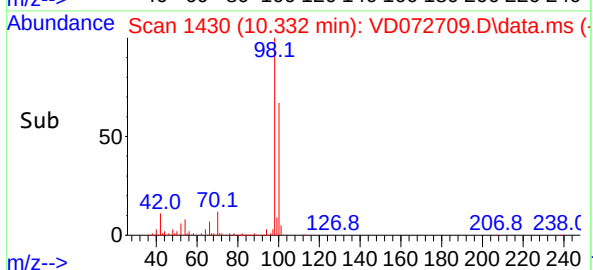
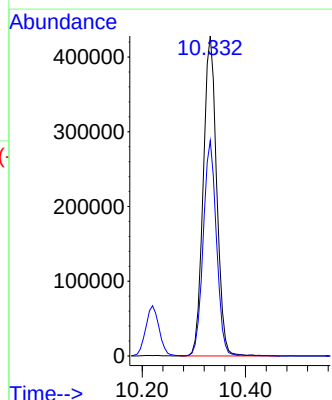
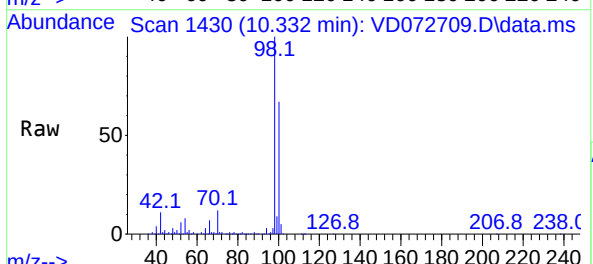
Manual Integrations
APPROVED

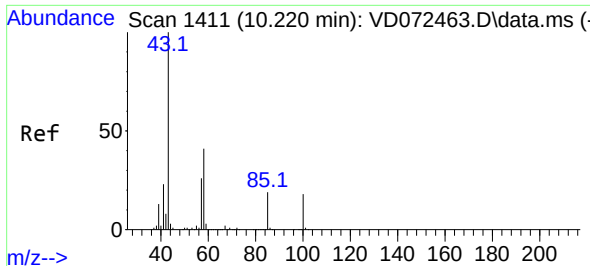
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#50
Toluene-d8
Concen: 50.997 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

Tgt Ion: 98 Resp: 771039
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 295.426 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

Instrument :

MSVOA_D

ClientSampleId :

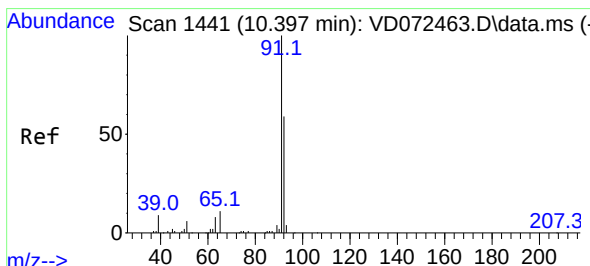
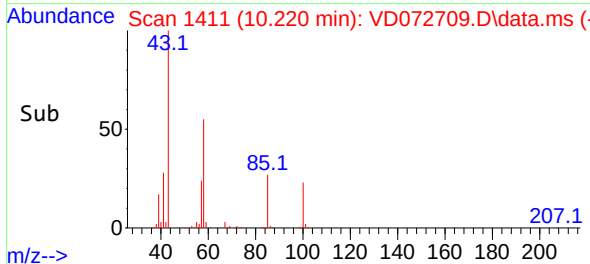
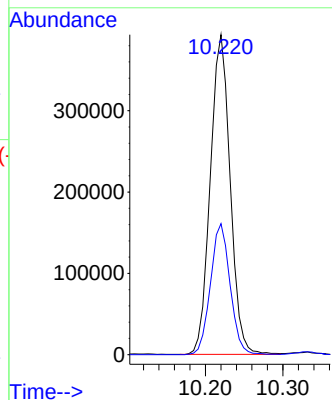
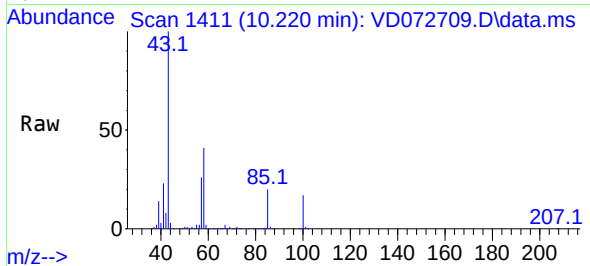
VSTDCCC050EC

Tgt Ion: 43 Resp: 700788
Ion Ratio Lower Upper
43 100
58 40.5 28.6 43.0

Manual Integrations

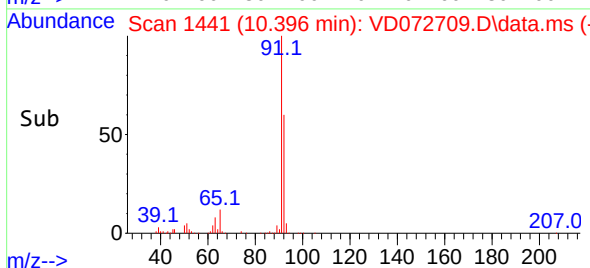
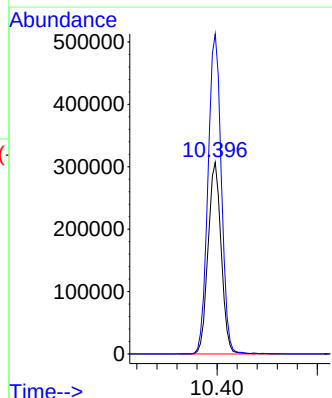
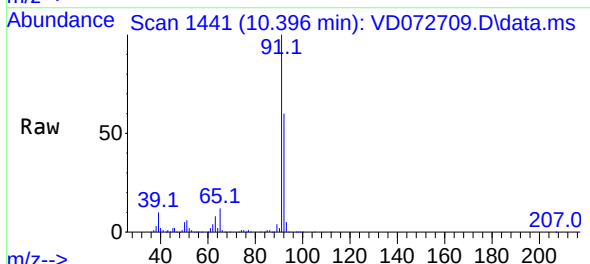
APPROVED

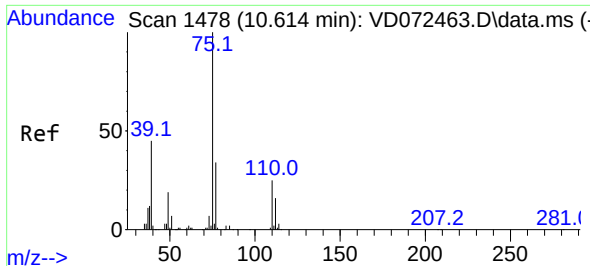
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#52
Toluene
Concen: 55.286 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

Tgt Ion: 92 Resp: 557916
Ion Ratio Lower Upper
92 100
91 169.6 139.6 209.4





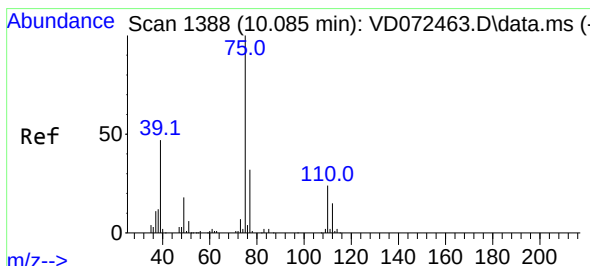
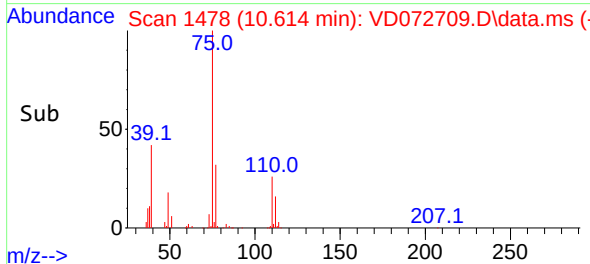
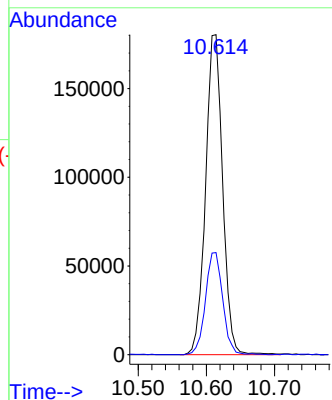
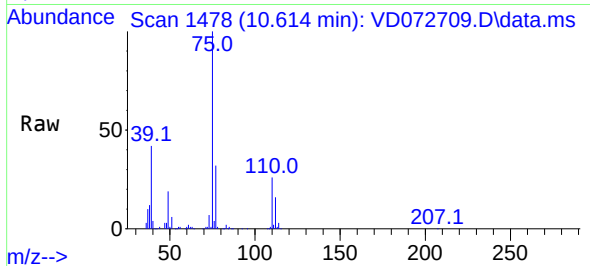
#53
t-1,3-Dichloropropene
Concen: 56.520 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 313689
Ion Ratio Lower Upper
75 100
77 31.9 24.5 36.7

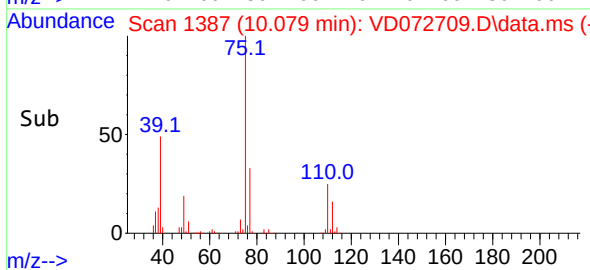
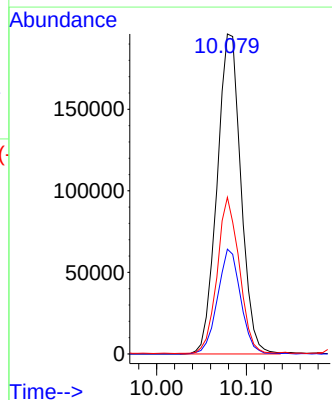
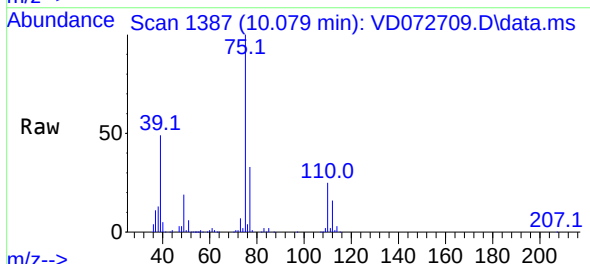
Manual Integrations
APPROVED

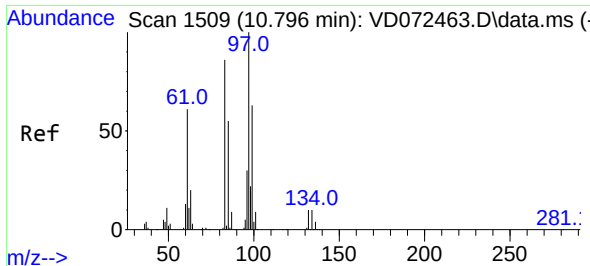
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#54
cis-1,3-Dichloropropene
Concen: 55.092 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

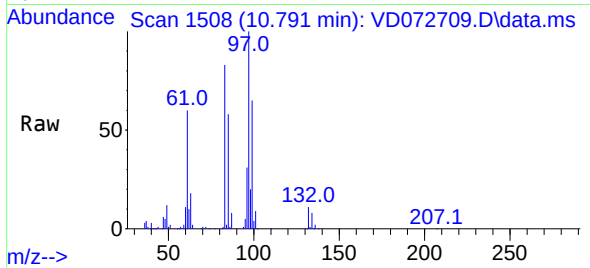
Tgt Ion: 75 Resp: 361515
Ion Ratio Lower Upper
75 100
77 32.8 24.8 37.2
39 48.8 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 55.885 ug/l
RT: 10.791 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

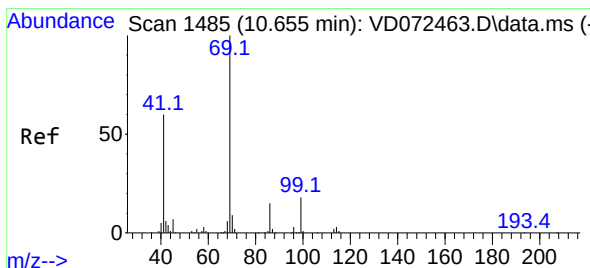
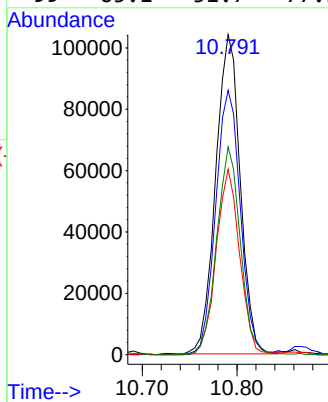
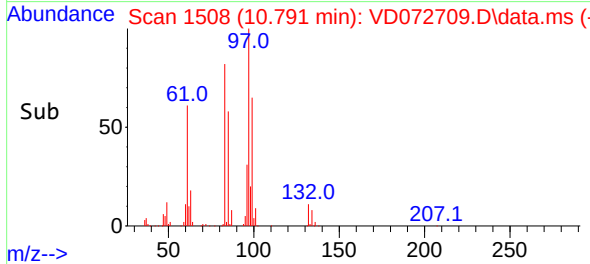
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



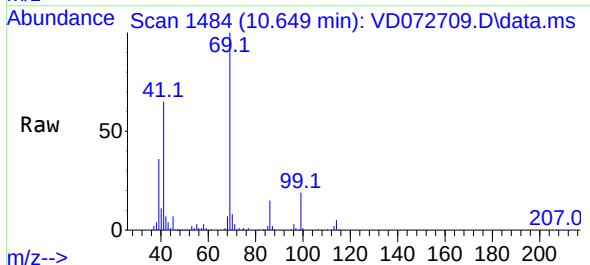
Tgt Ion: 97 Resp: 18783
Ion Ratio Lower Upper
97 100
83 82.8 69.0 103.4
85 58.1 42.6 63.8
99 65.1 51.7 77.5

Manual Integrations
APPROVED

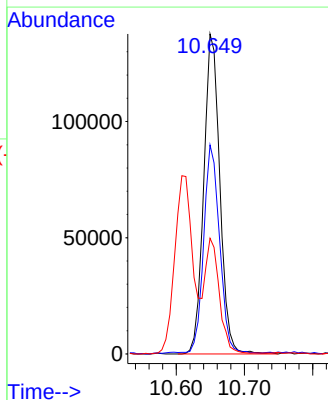
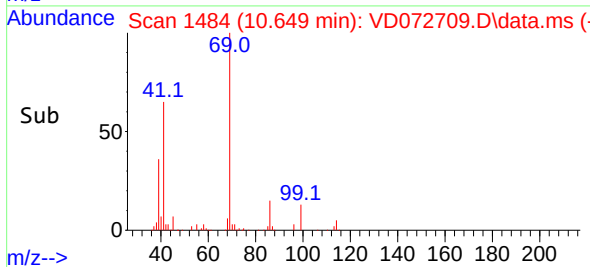
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

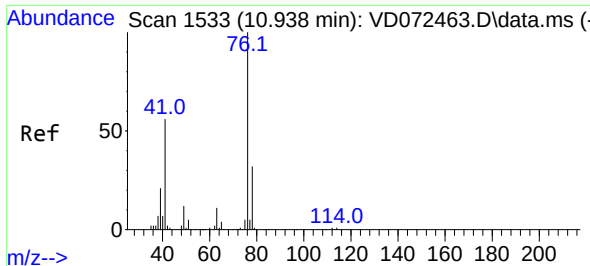


#56
Ethyl methacrylate
Concen: 54.726 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12



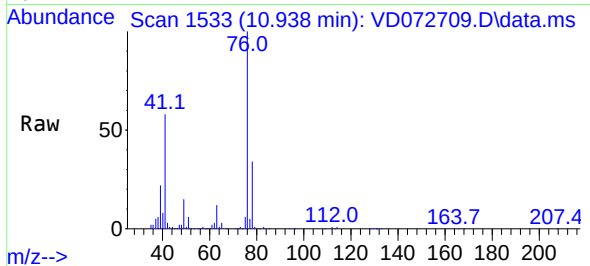
Tgt Ion: 69 Resp: 226637
Ion Ratio Lower Upper
69 100
41 64.0 63.0 94.6
39 30.2 33.8 50.8





#57
1,3-Dichloropropane
Concen: 54.762 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

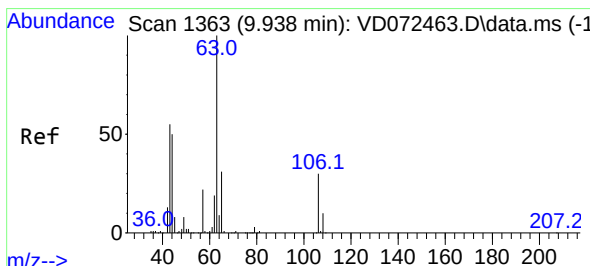
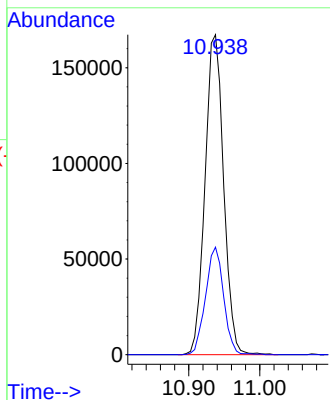
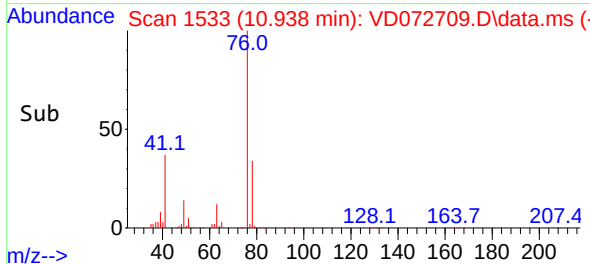
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 304270
Ion Ratio Lower Upper
76 100
78 32.9 26.0 39.0

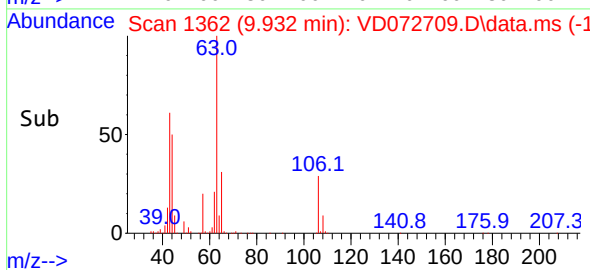
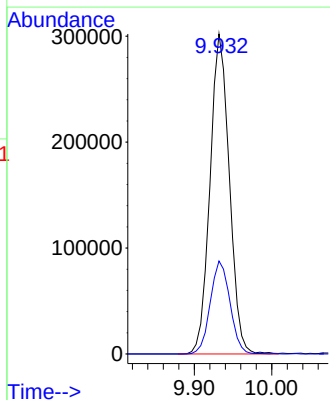
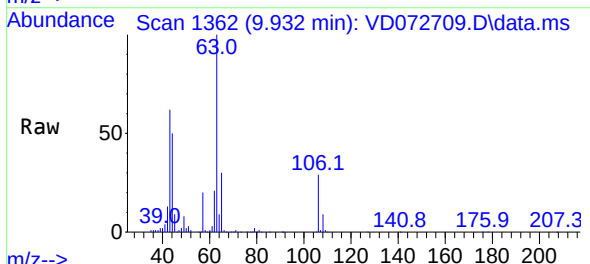
Manual Integrations
APPROVED

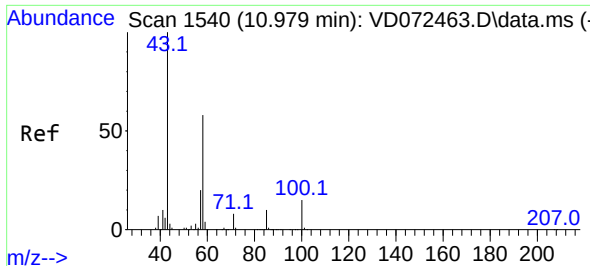
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#58
2-Chloroethyl Vinyl ether
Concen: 315.377 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

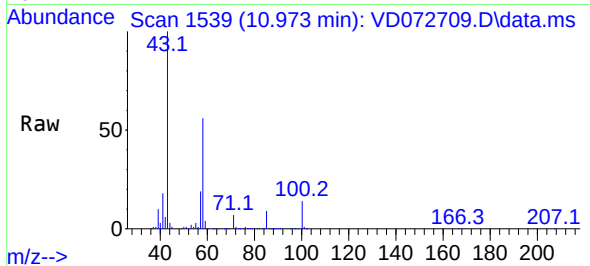
Tgt Ion: 63 Resp: 523314
Ion Ratio Lower Upper
63 100
106 29.6 21.4 32.0





#59
2-Hexanone
Concen: 293.428 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

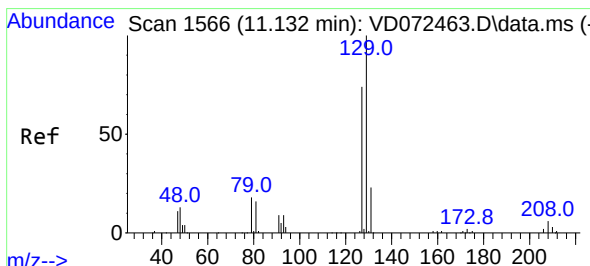
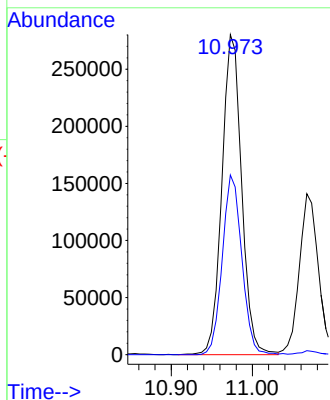
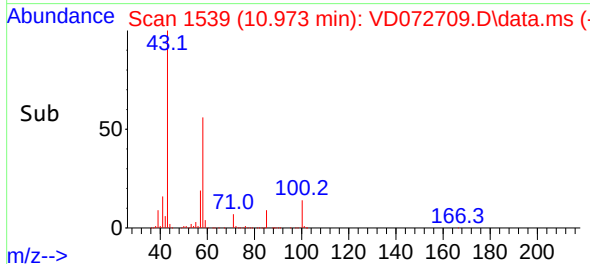
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 47332
Ion Ratio Lower Upper
43 100
58 55.6 25.3 75.9

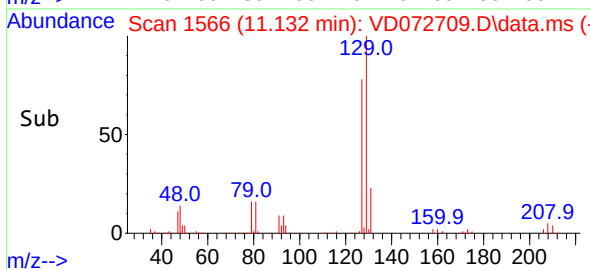
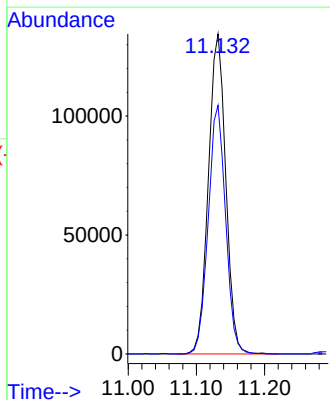
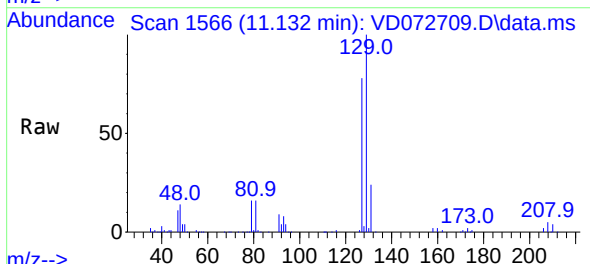
Manual Integrations
APPROVED

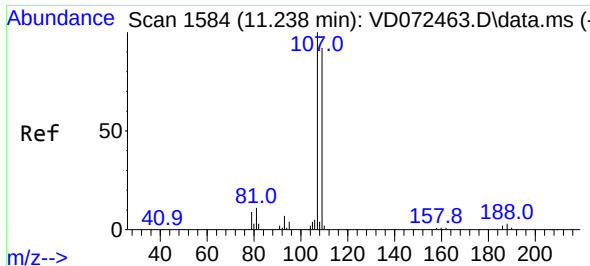
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#60
Dibromochloromethane
Concen: 55.049 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

Tgt Ion:129 Resp: 238662
Ion Ratio Lower Upper
129 100
127 77.7 39.2 117.6





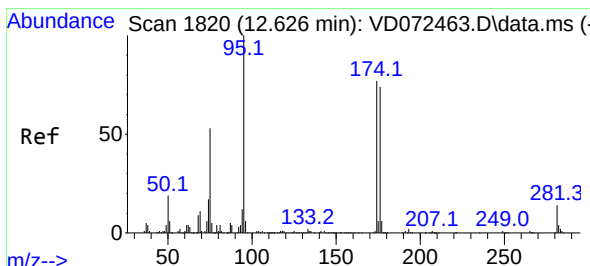
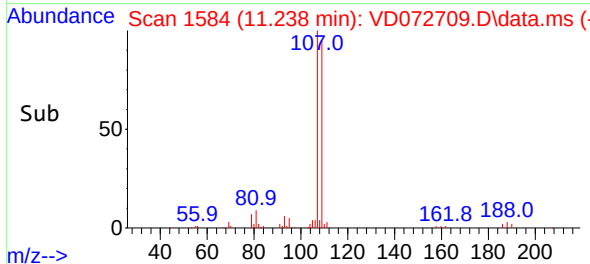
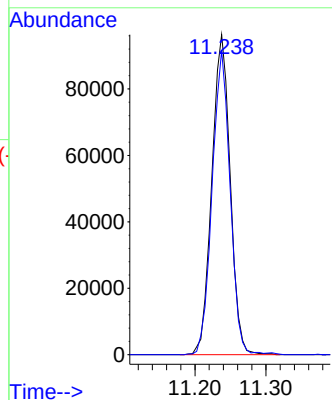
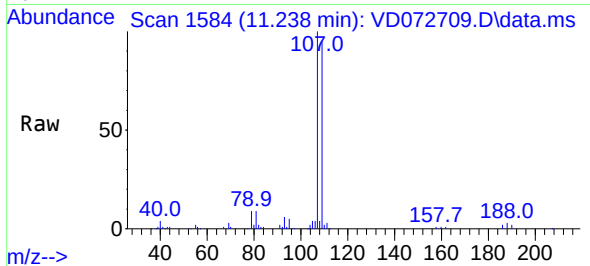
#61
1,2-Dibromoethane
Concen: 57.788 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 17244
Ion Ratio Lower Upper
107 100
109 93.0 74.2 111.4

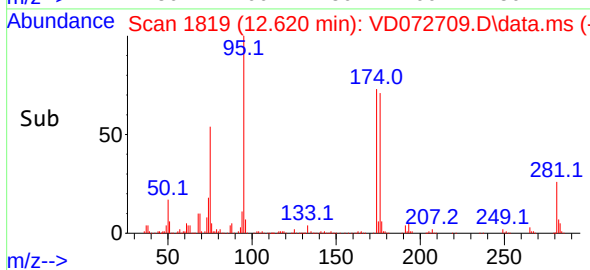
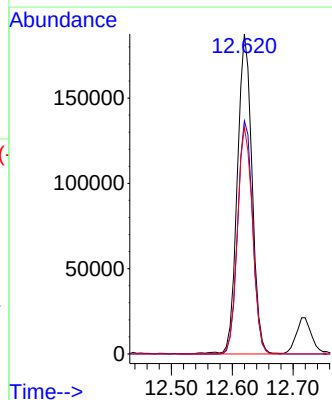
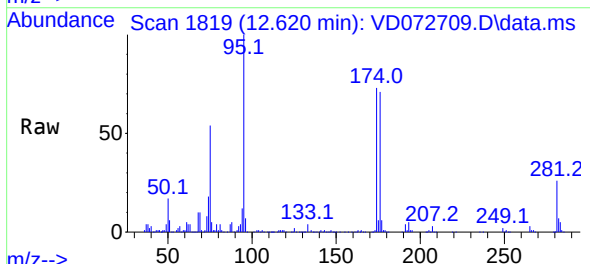
Manual Integrations
APPROVED

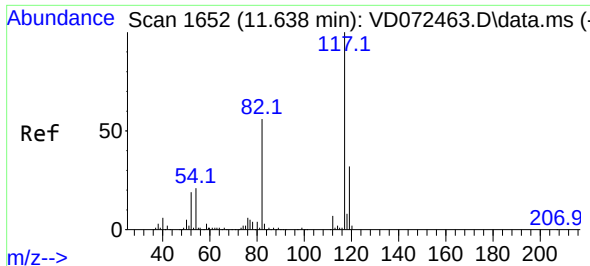
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#62
4-Bromofluorobenzene
Concen: 53.214 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

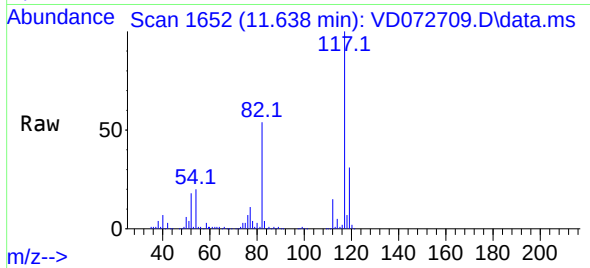
Tgt Ion: 95 Resp: 314216
Ion Ratio Lower Upper
95 100
174 74.1 0.0 152.8
176 72.3 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

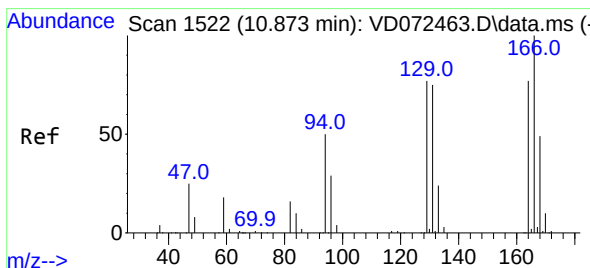
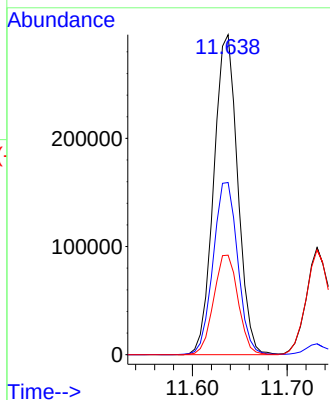
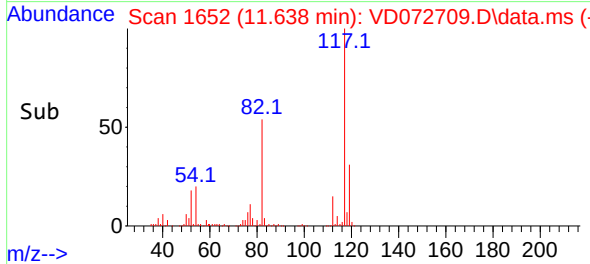
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



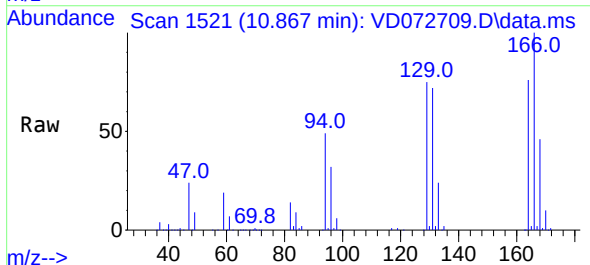
Tgt Ion:117 Resp: 520209
Ion Ratio Lower Upper
117 100
82 53.8 45.3 67.9
119 31.1 26.6 40.0

Manual Integrations
APPROVED

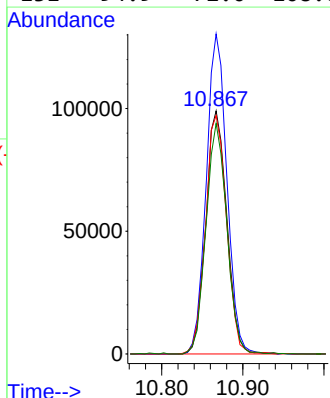
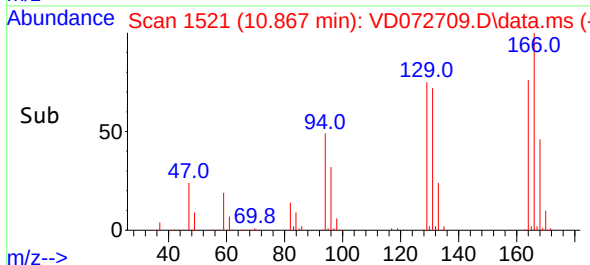
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

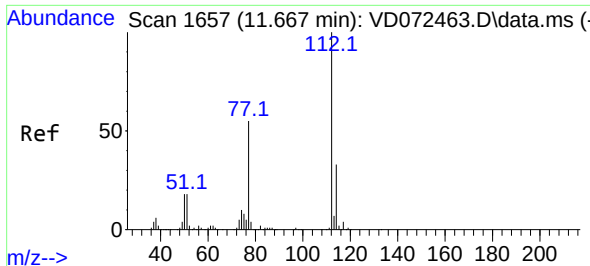


#64
Tetrachloroethene
Concen: 52.420 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12



Tgt Ion:164 Resp: 178169
Ion Ratio Lower Upper
164 100
166 131.7 98.5 147.7
129 98.1 74.6 111.8
131 94.9 72.0 108.0





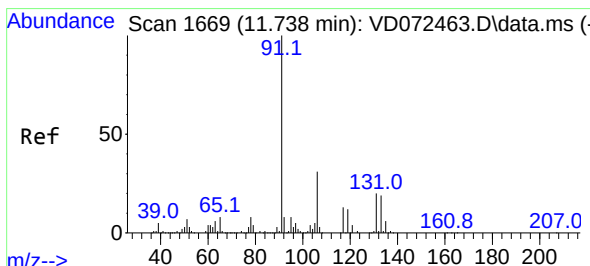
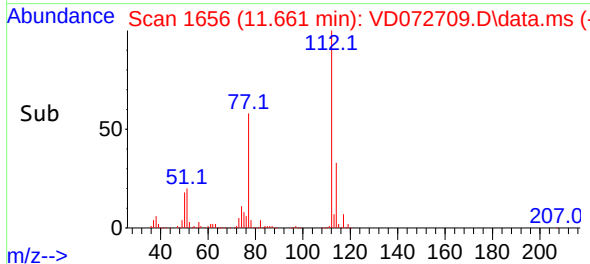
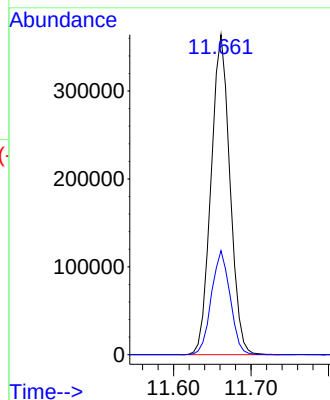
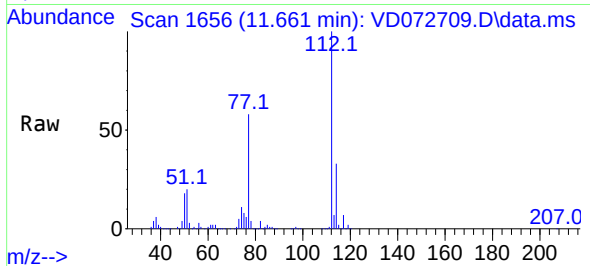
#65
Chlorobenzene
Concen: 53.074 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 61727
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6

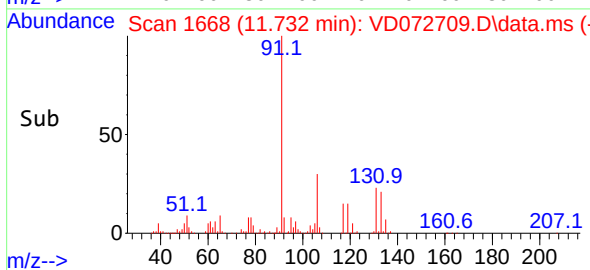
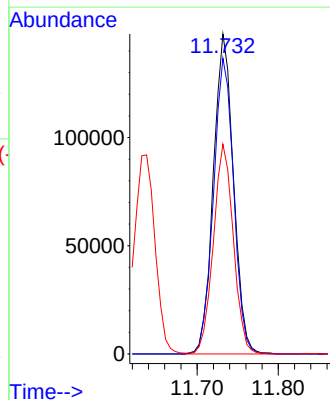
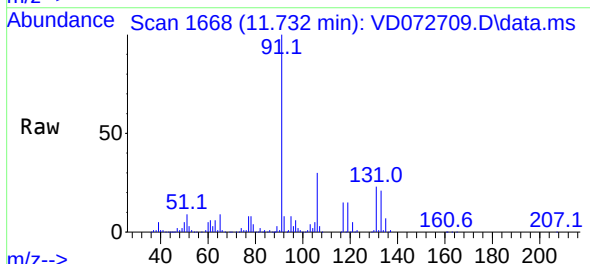
Manual Integrations
APPROVED

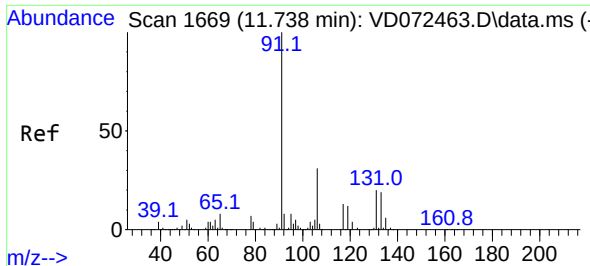
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 54.756 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

Tgt Ion:131 Resp: 254611
Ion Ratio Lower Upper
131 100
133 93.0 48.1 144.3
119 65.1 31.9 95.9





#67

Ethyl Benzene

Concen: 53.606 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.006 min

Lab File: VD072709.D

Acq: 25 Apr 2022 16:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1087870

Ion Ratio Lower Upper

91 100

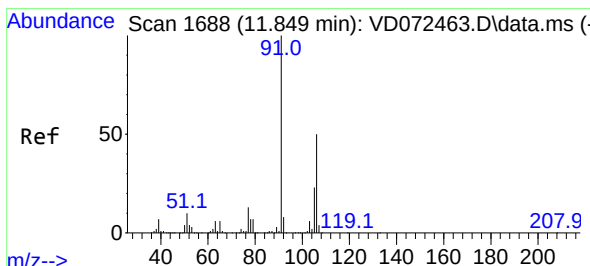
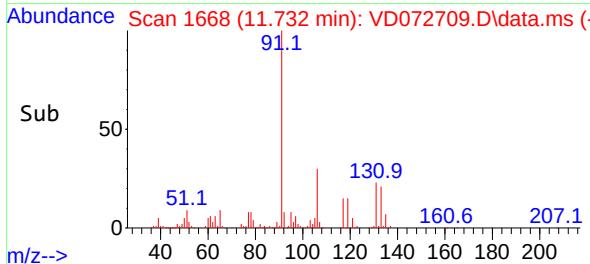
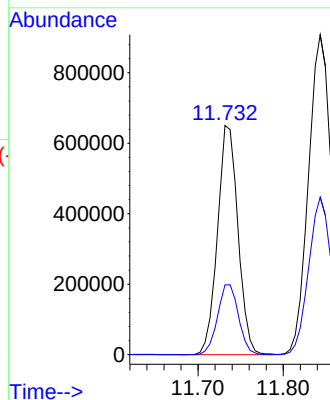
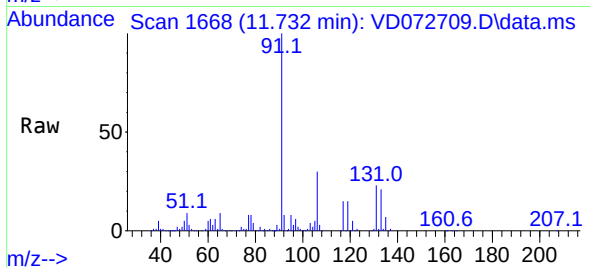
106 30.4 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2022

Supervised By :Mahesh Dadoda 04/26/2022



#68

m/p-Xylenes

Concen: 108.448 ug/l

RT: 11.843 min Scan# 1687

Delta R.T. -0.006 min

Lab File: VD072709.D

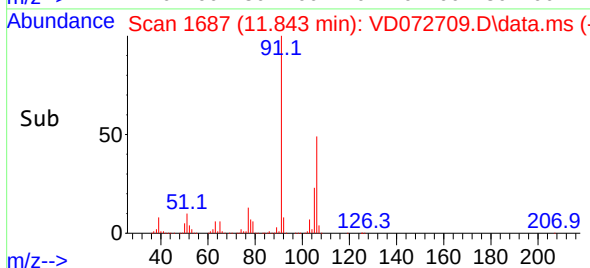
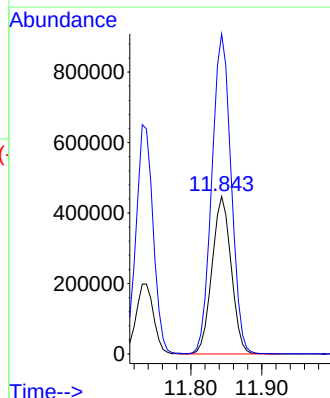
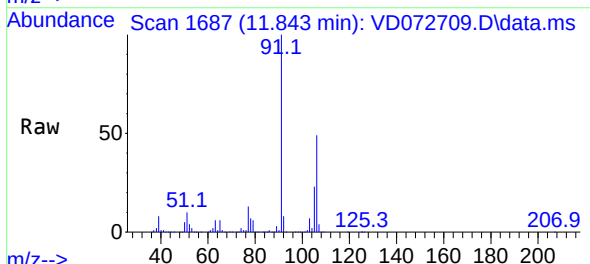
Acq: 25 Apr 2022 16:12

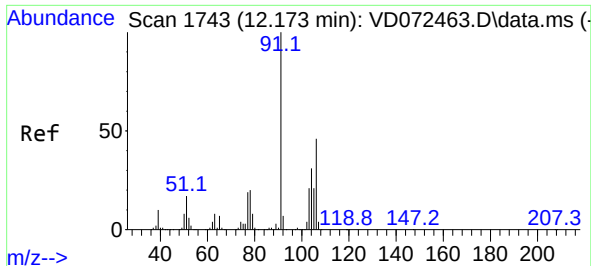
Tgt Ion:106 Resp: 834955

Ion Ratio Lower Upper

106 100

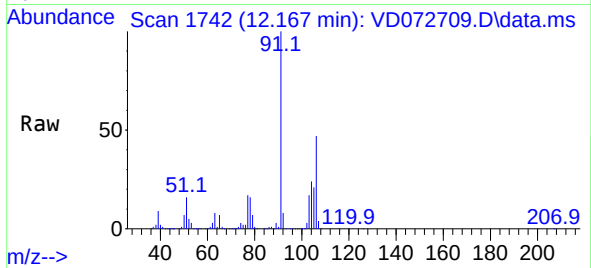
91 204.9 163.7 245.5





#69
o-Xylene
Concen: 54.829 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

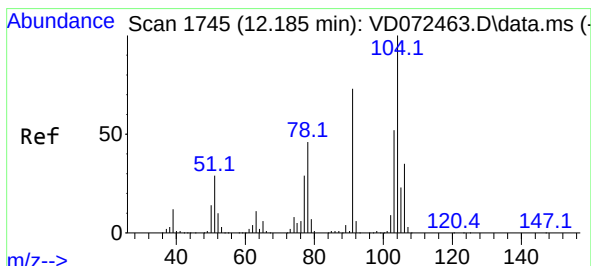
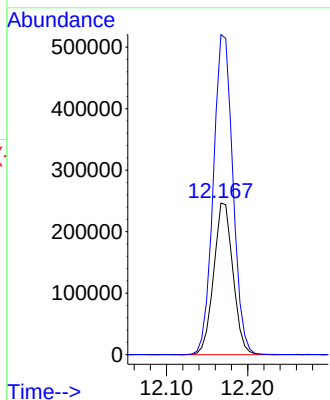
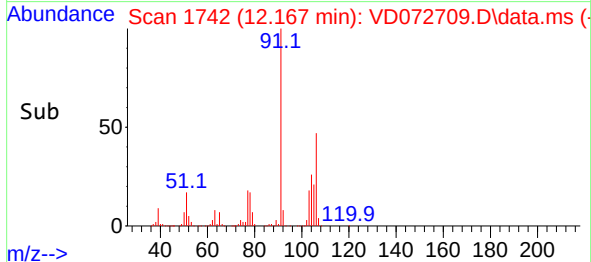
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



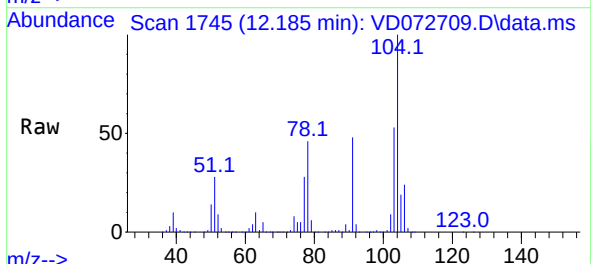
Tgt Ion:106 Resp: 407294
Ion Ratio Lower Upper
106 100
91 214.6 110.4 331.2

Manual Integrations
APPROVED

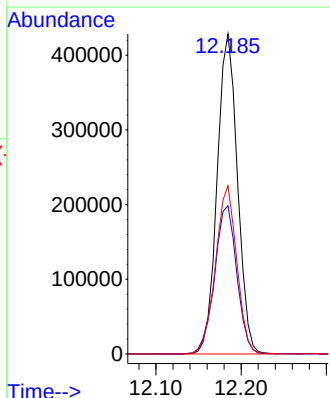
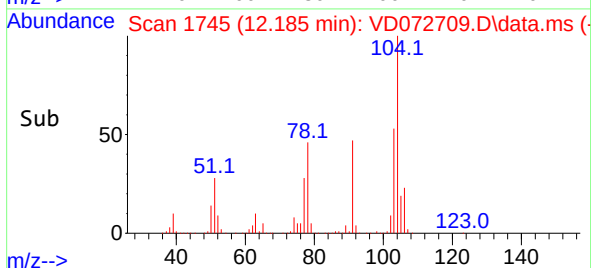
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

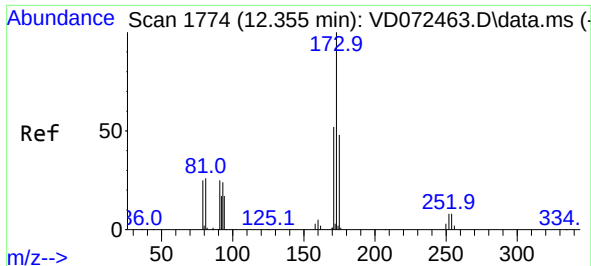


#70
Styrene
Concen: 54.395 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12



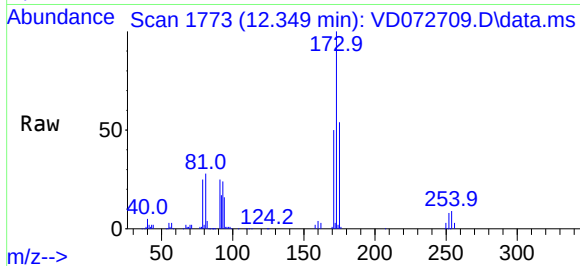
Tgt Ion:104 Resp: 712137
Ion Ratio Lower Upper
104 100
78 50.6 41.8 62.8
103 54.9 44.2 66.4





#71
Bromoform
Concen: 54.342 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

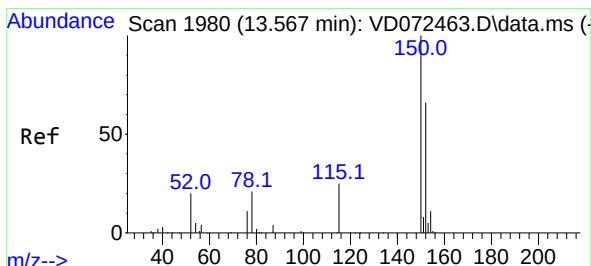
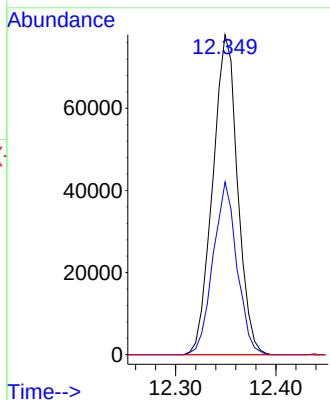
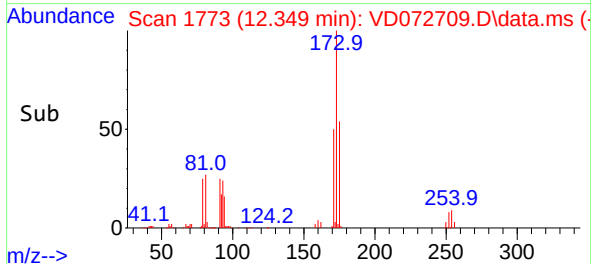
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



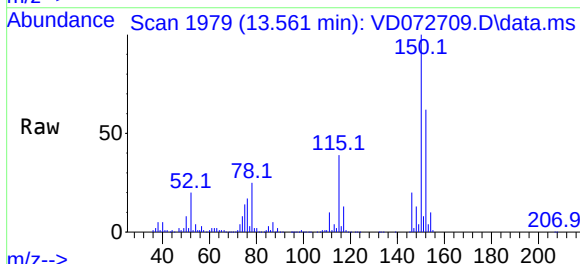
Tgt Ion:173 Resp: 133954
Ion Ratio Lower Upper
173 100
175 51.8 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

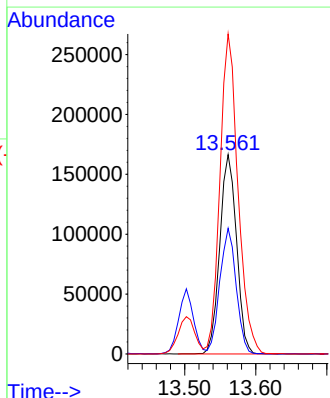
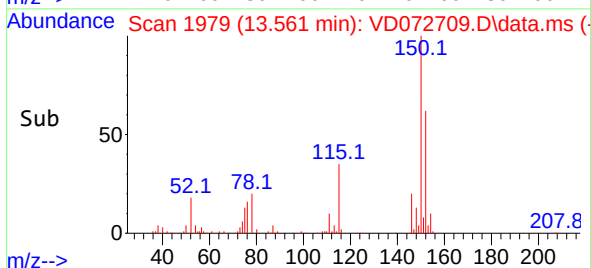
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

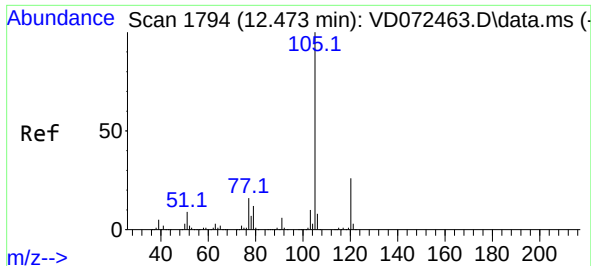


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12



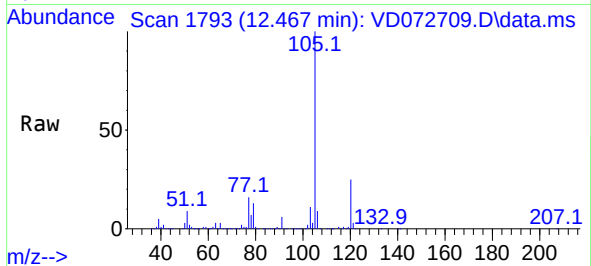
Tgt Ion:152 Resp: 271936
Ion Ratio Lower Upper
152 100
115 61.3 31.3 93.8
150 173.3 0.0 348.6





#73
Isopropylbenzene
Concen: 51.511 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

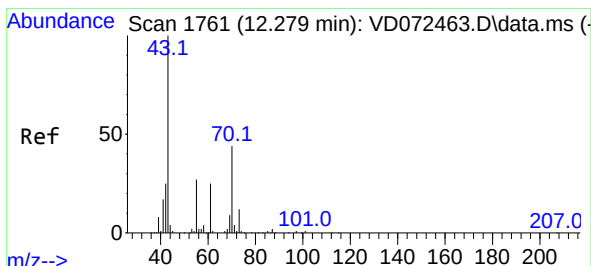
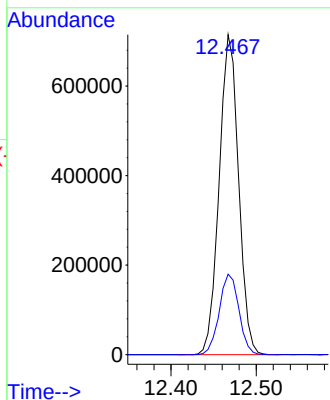
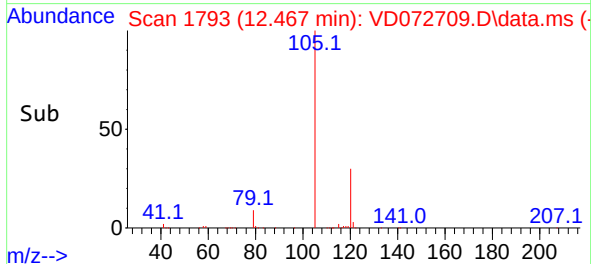
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



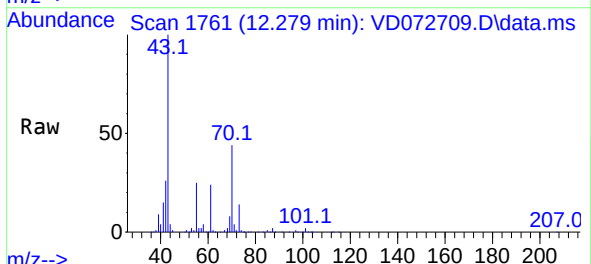
Tgt Ion:105 Resp: 113127
Ion Ratio Lower Upper
105 100
120 25.5 13.0 38.9

Manual Integrations
APPROVED

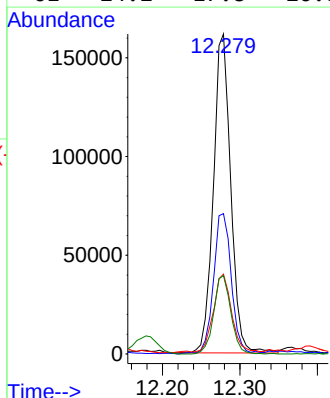
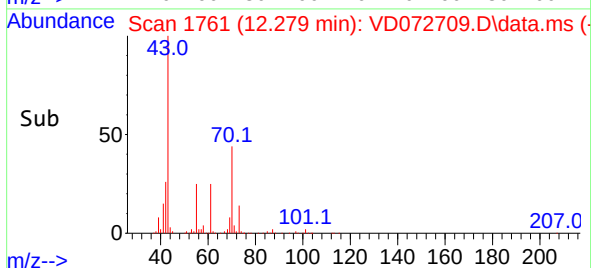
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

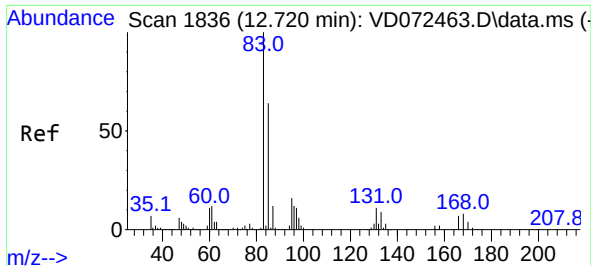


#74
N-ethyl acetate
Concen: 54.521 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12



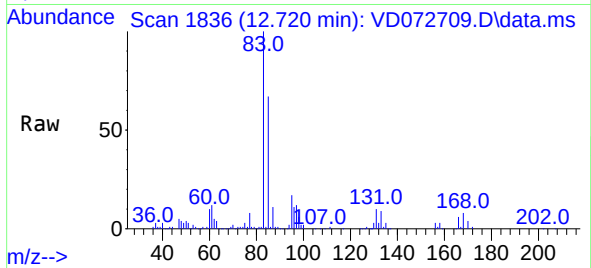
Tgt Ion: 43 Resp: 251234
Ion Ratio Lower Upper
43 100
70 45.6 31.3 46.9
55 25.4 20.0 30.0
61 24.2 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 50.861 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

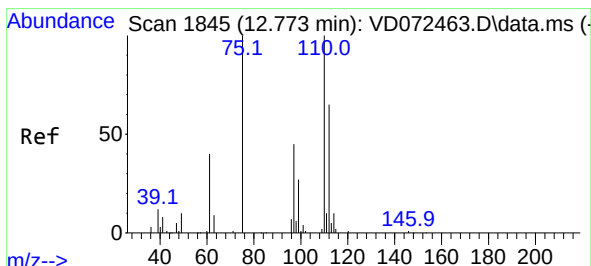
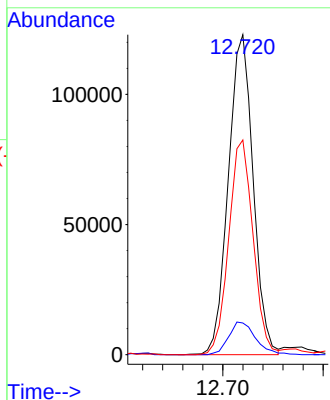
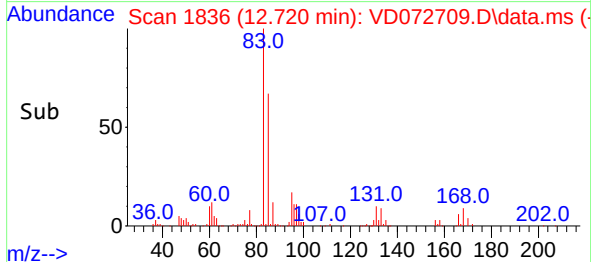
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



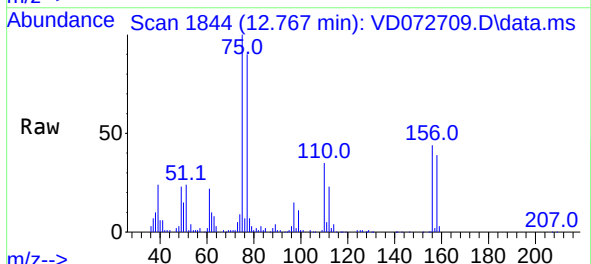
Tgt Ion: 83 Resp: 211572
Ion Ratio Lower Upper
83 100
131 11.1 5.0 14.9
85 65.8 32.6 98.0

Manual Integrations
APPROVED

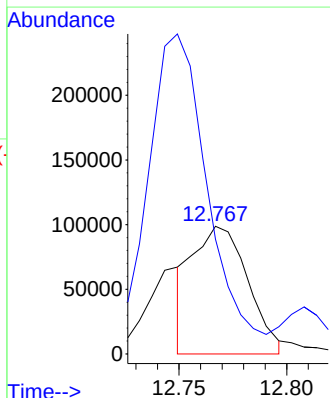
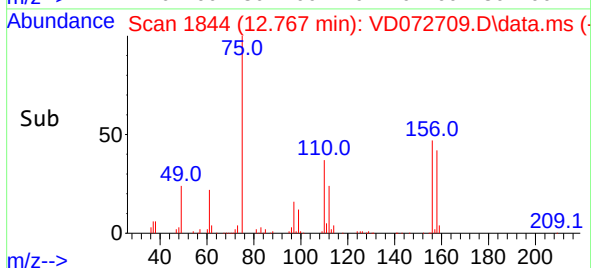
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

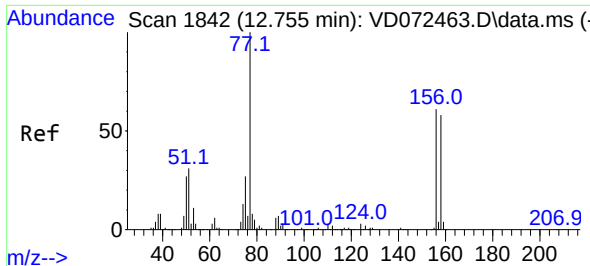


#76
1,2,3-Trichloropropane
Concen: 59.709 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12



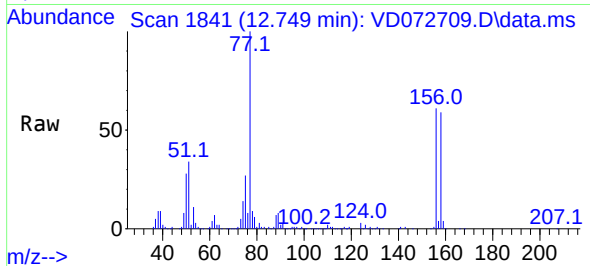
Tgt Ion: 75 Resp: 177091
Ion Ratio Lower Upper
75 100
77 271.1 0.0 0.0#





#77
Bromobenzene
Concen: 51.785 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

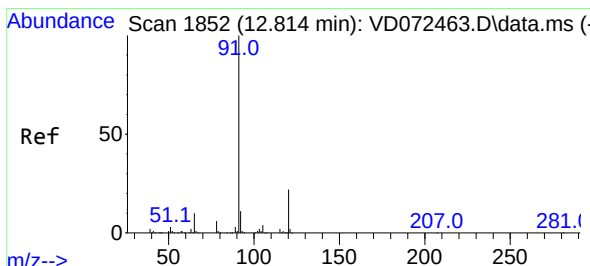
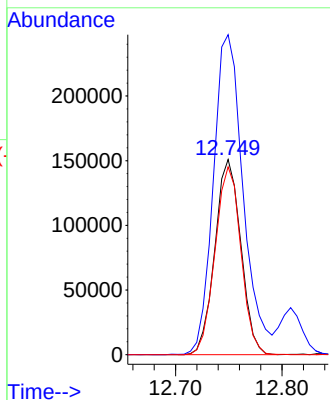
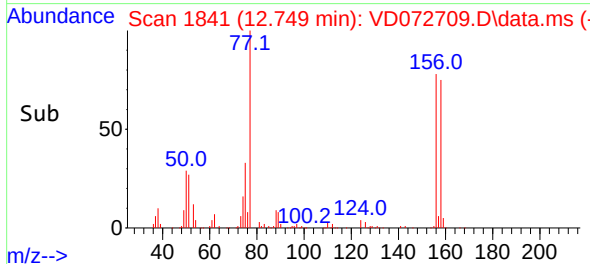
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



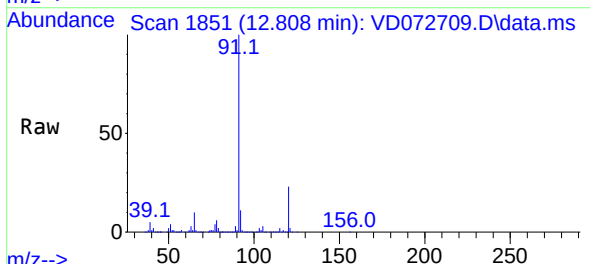
Tgt Ion:156 Resp: 254912
Ion Ratio Lower Upper
156 100
77 188.4 102.8 308.3
158 95.7 48.7 146.1

Manual Integrations
APPROVED

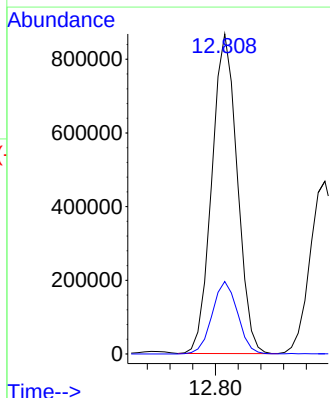
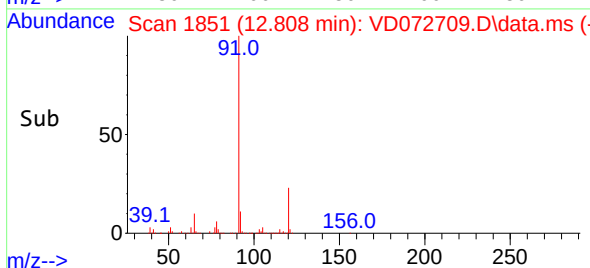
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

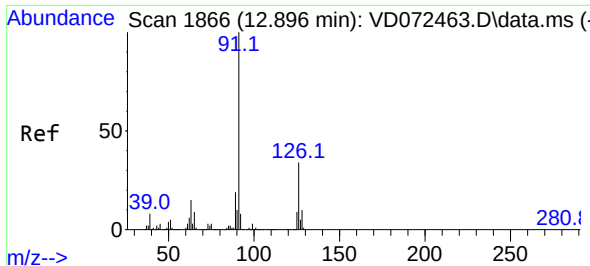


#78
n-propylbenzene
Concen: 50.860 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12



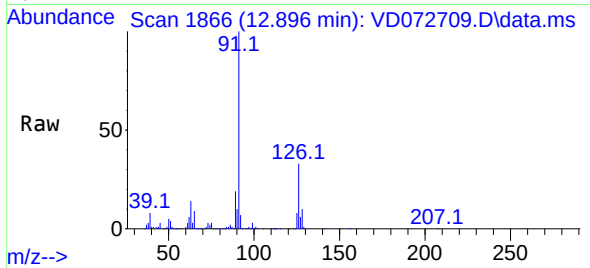
Tgt Ion: 91 Resp: 1347490
Ion Ratio Lower Upper
91 100
120 22.7 10.9 32.9





#79
2-Chlorotoluene
Concen: 50.417 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

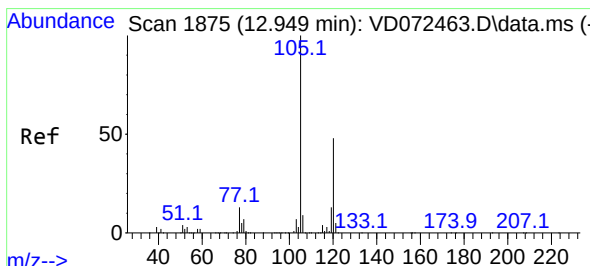
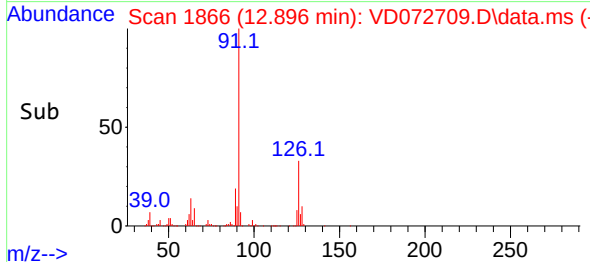
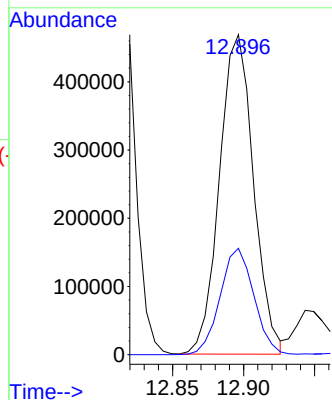
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 781162
Ion Ratio Lower Upper
91 100
126 33.0 16.2 48.6

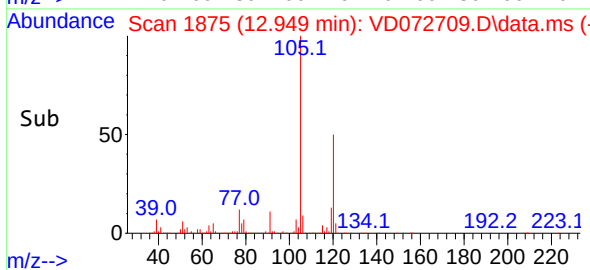
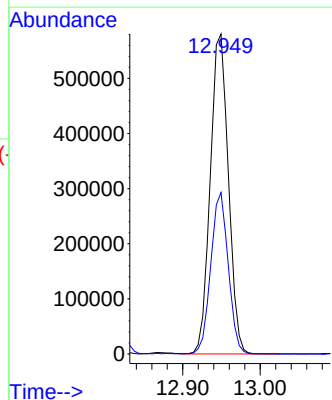
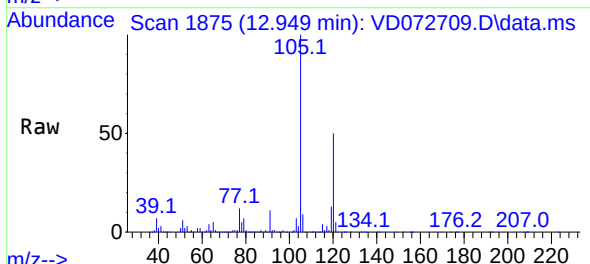
Manual Integrations
APPROVED

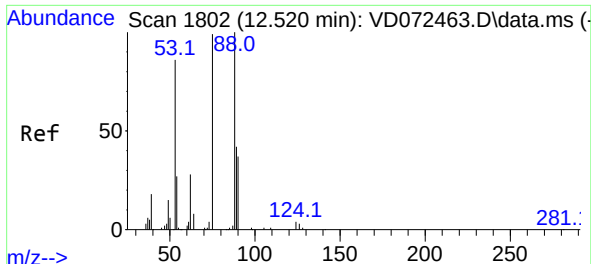
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.117 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

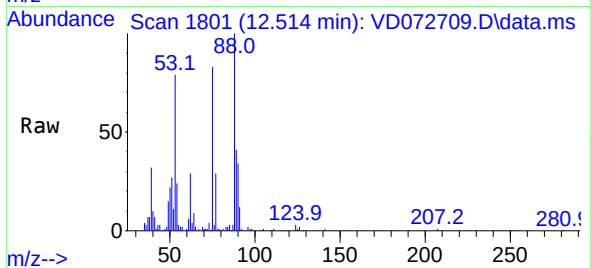
Tgt Ion:105 Resp: 942663
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 52.716 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

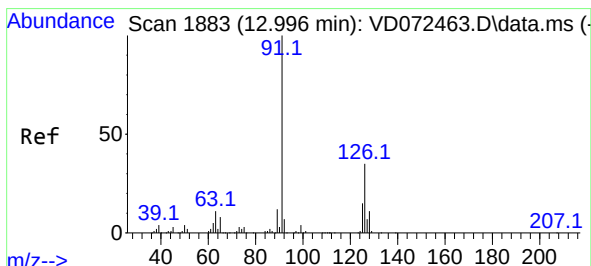
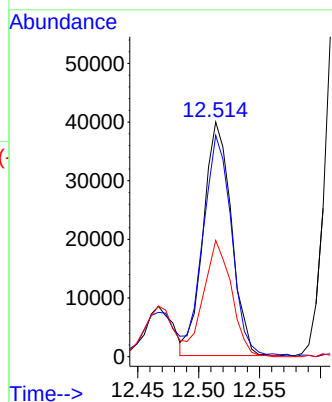
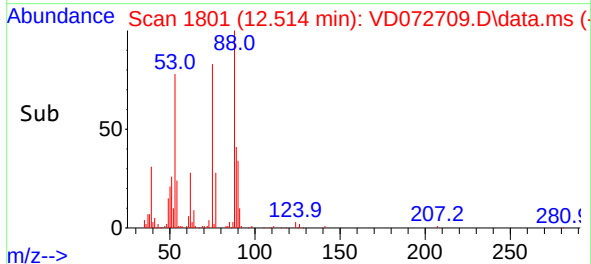
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



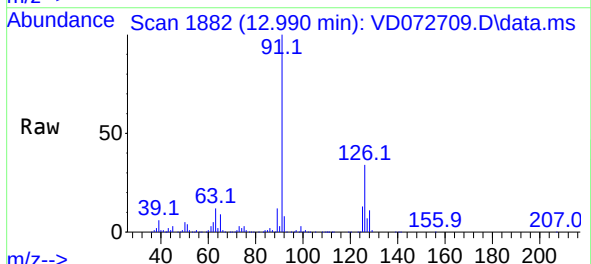
Tgt Ion: 75 Resp: 63718
Ion Ratio Lower Upper
75 100
53 97.1 86.5 129.7
89 48.6 33.9 50.9

Manual Integrations
APPROVED

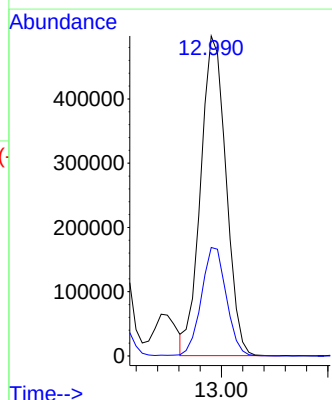
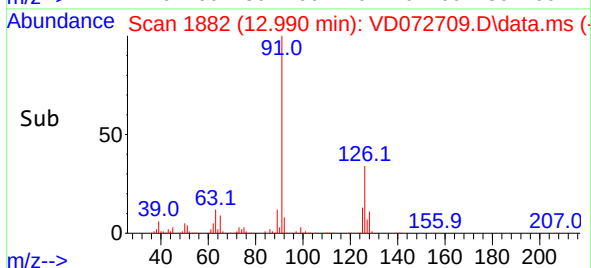
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

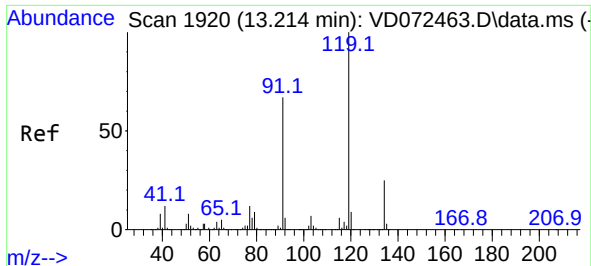


#82
4-Chlorotoluene
Concen: 50.949 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12



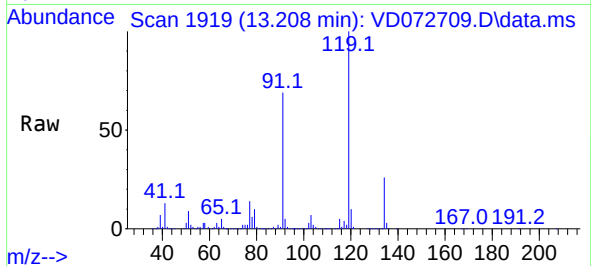
Tgt Ion: 91 Resp: 822148
Ion Ratio Lower Upper
91 100
126 33.5 16.5 49.5





#83
tert-Butylbenzene
Concen: 51.764 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

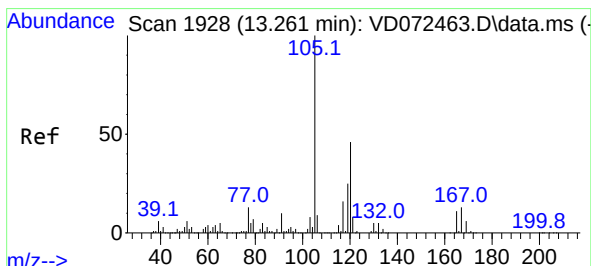
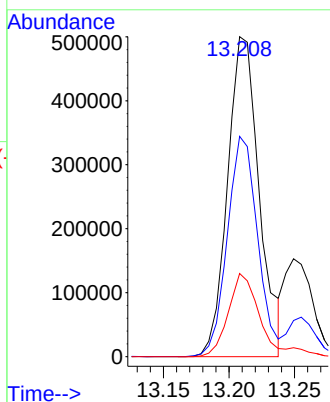
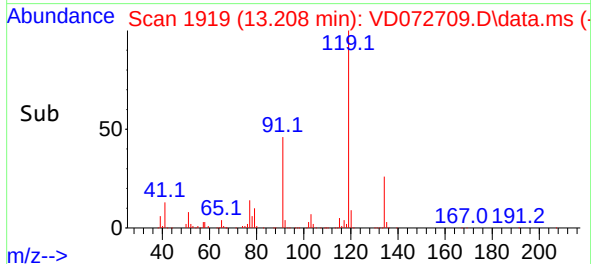
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



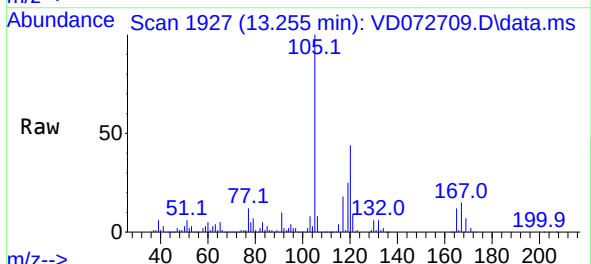
Tgt Ion:119 Resp: 84288
Ion Ratio Lower Upper
119 100
91 65.6 34.8 104.5
134 26.4 13.3 39.9

Manual Integrations
APPROVED

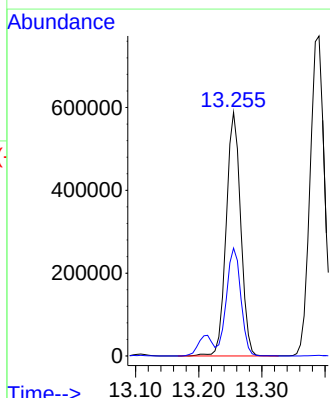
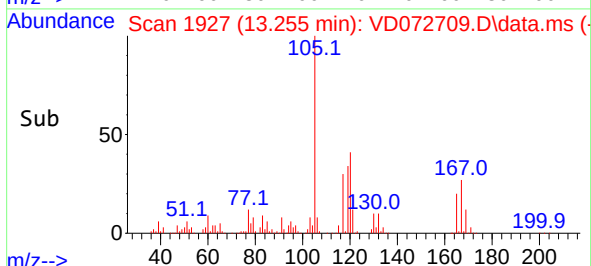
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

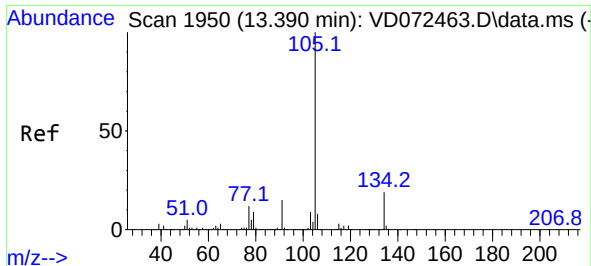


#84
1,2,4-Trimethylbenzene
Concen: 50.873 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12



Tgt Ion:105 Resp: 935693
Ion Ratio Lower Upper
105 100
120 44.2 22.3 66.8





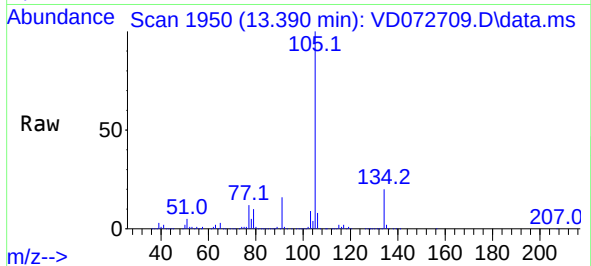
#85
 sec-Butylbenzene
 Concen: 50.319 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD072709.D
 Acq: 25 Apr 2022 16:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



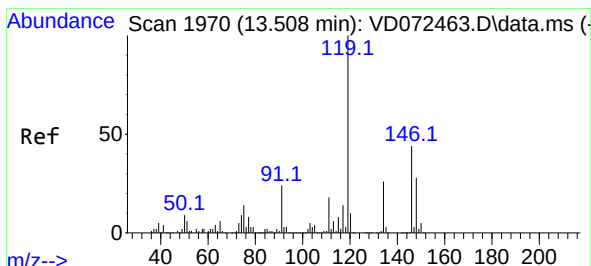
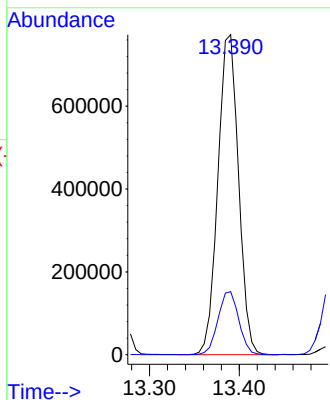
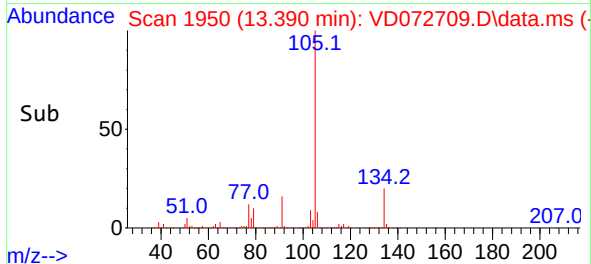
Tgt Ion:105 Resp: 1234184
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

Manual Integrations

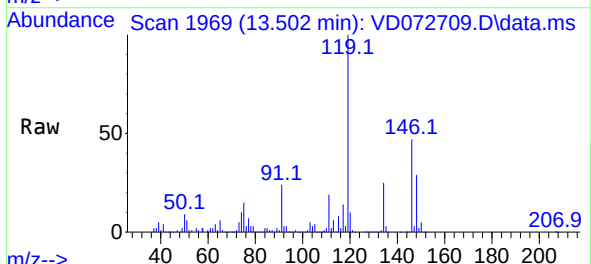
APPROVED

Reviewed By :John Carlone 04/26/2022

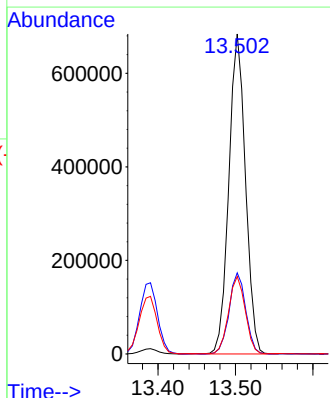
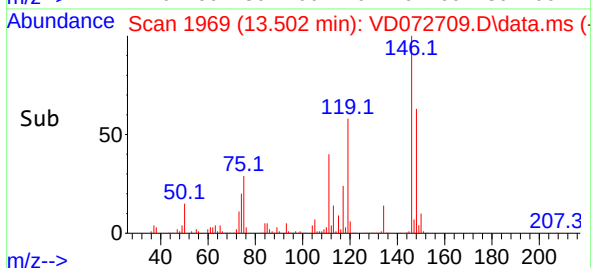
Supervised By :Mahesh Dadoda 04/26/2022

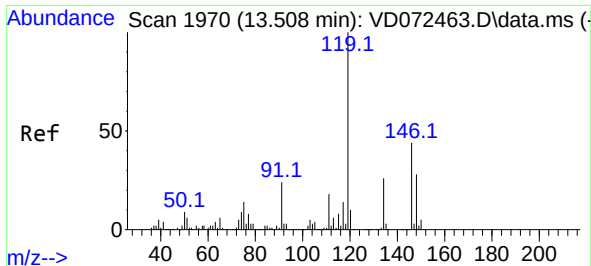


#86
 p-Isopropyltoluene
 Concen: 51.029 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD072709.D
 Acq: 25 Apr 2022 16:12



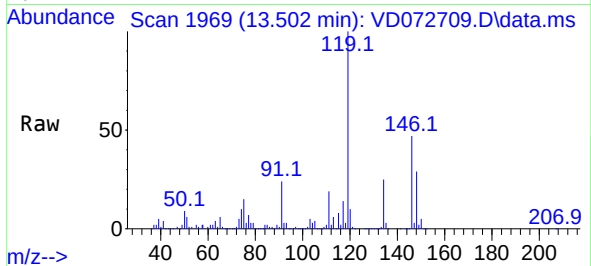
Tgt Ion:119 Resp: 1023031
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.9 38.6
 91 24.1 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 49.552 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

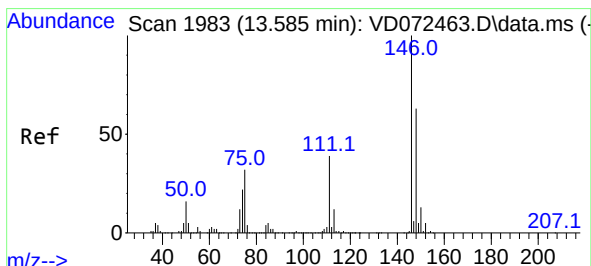
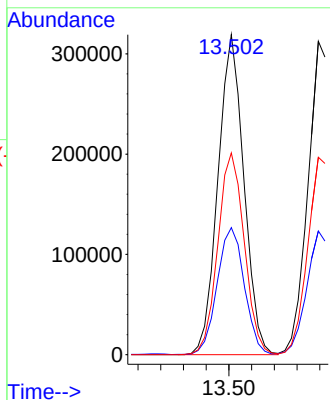
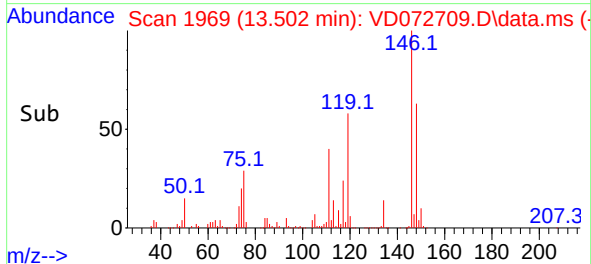
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



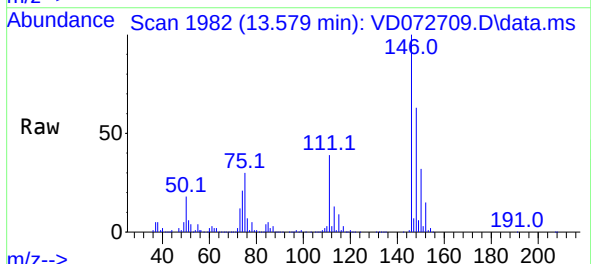
Tgt Ion:146 Resp: 505430
Ion Ratio Lower Upper
146 100
111 41.5 20.4 61.3
148 64.4 31.9 95.7

Manual Integrations
APPROVED

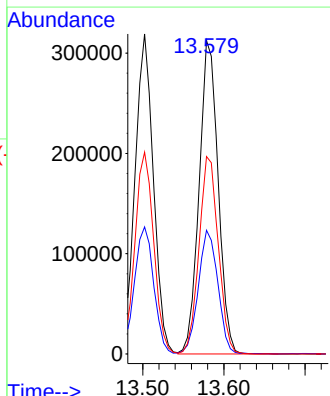
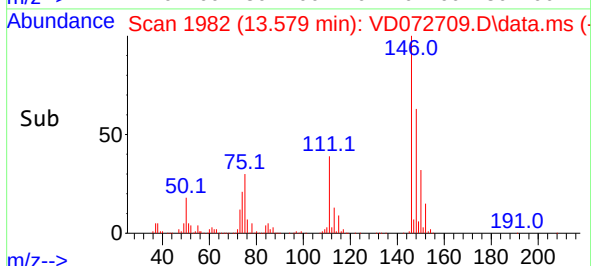
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

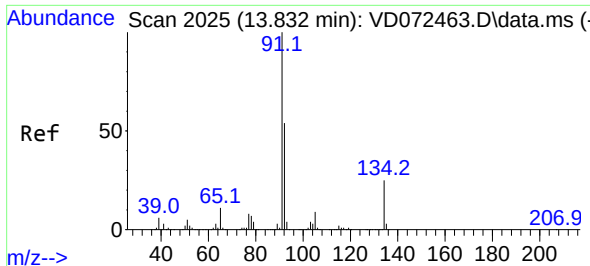


#88
1,4-Dichlorobenzene
Concen: 49.420 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12



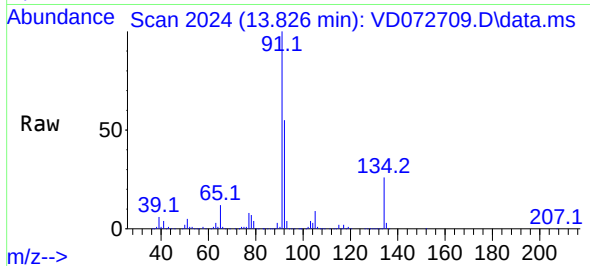
Tgt Ion:146 Resp: 508055
Ion Ratio Lower Upper
146 100
111 40.7 20.3 60.9
148 63.9 31.7 95.1





#89
n-Butylbenzene
Concen: 50.334 ug/l
RT: 13.826 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

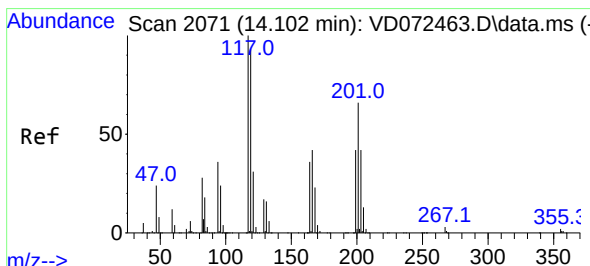
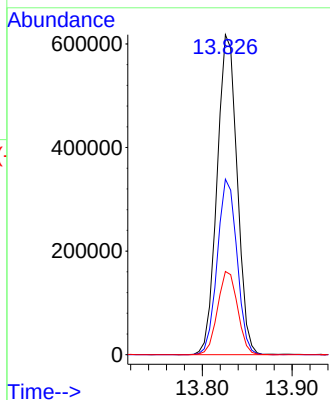
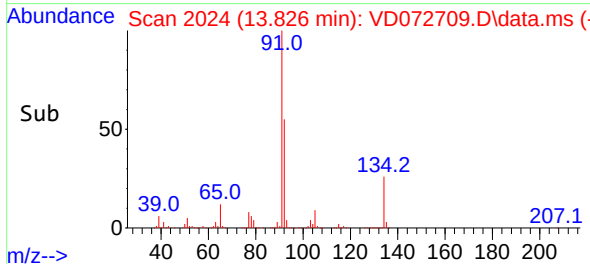
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 96129
Ion Ratio Lower Upper
91 100
92 53.8 26.6 79.8
134 26.0 12.3 36.9

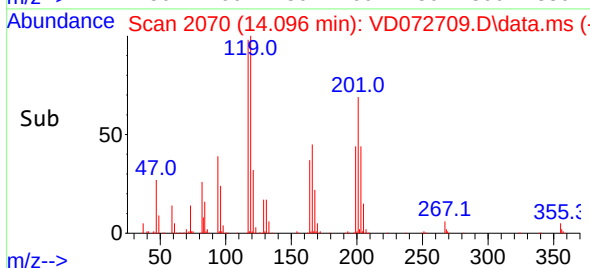
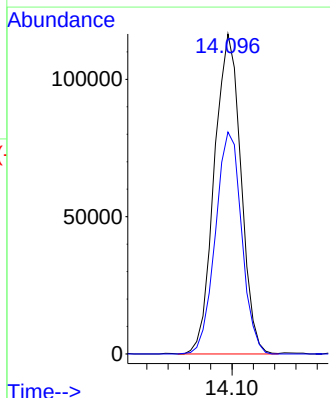
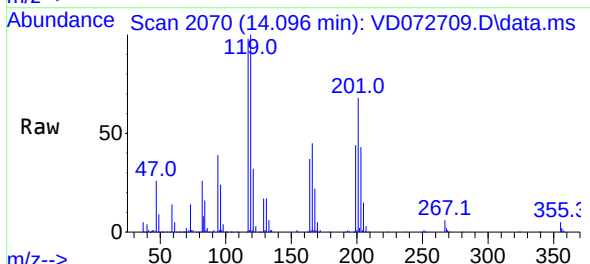
Manual Integrations
APPROVED

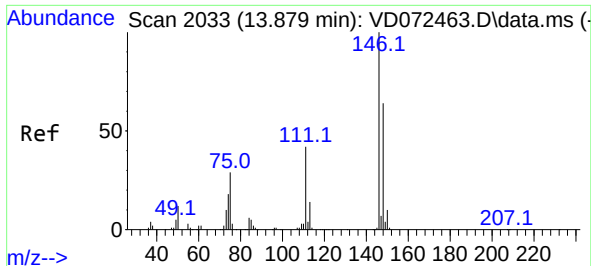
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#90
Hexachloroethane
Concen: 49.254 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

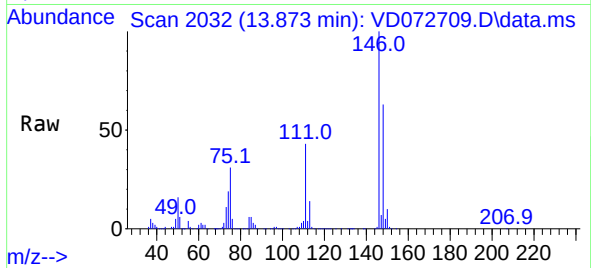
Tgt Ion:117 Resp: 202144
Ion Ratio Lower Upper
117 100
201 68.3 33.4 100.2





#91
1,2-Dichlorobenzene
Concen: 50.714 ug/l
RT: 13.873 min Scan# 2033
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

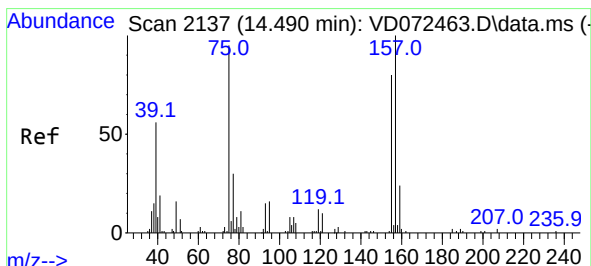
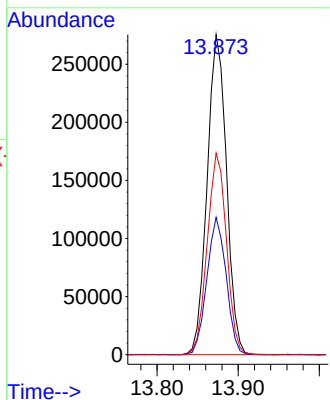
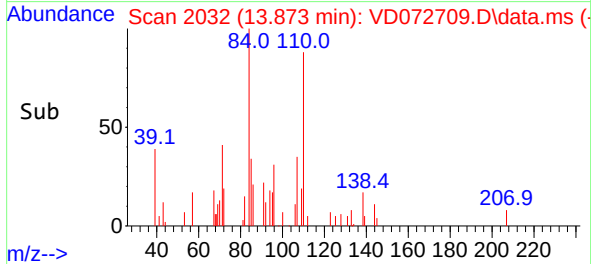
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



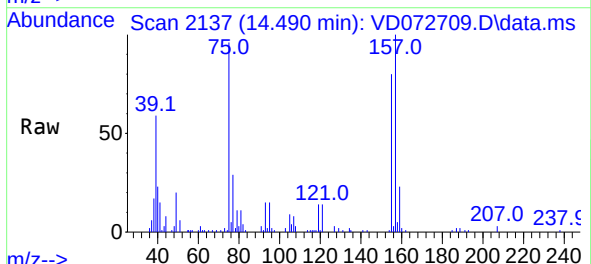
Tgt Ion:146 Resp: 456249
Ion Ratio Lower Upper
146 100
111 42.8 21.1 63.3
148 62.6 31.7 95.1

Manual Integrations
APPROVED

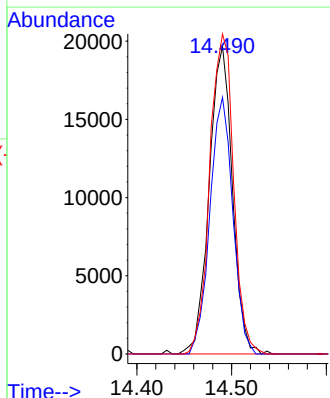
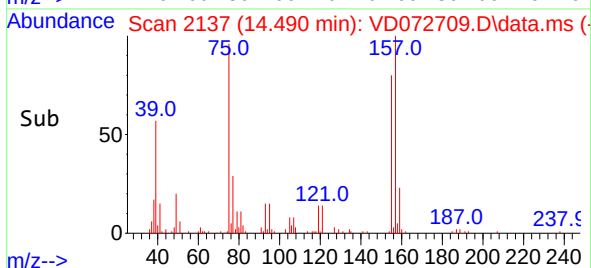
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

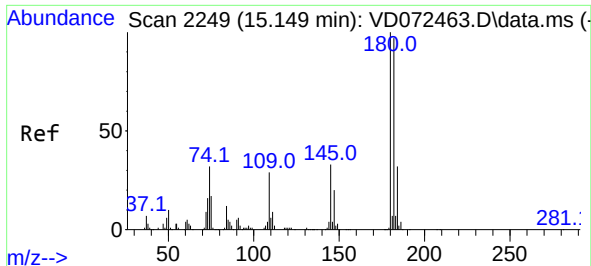


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.367 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12



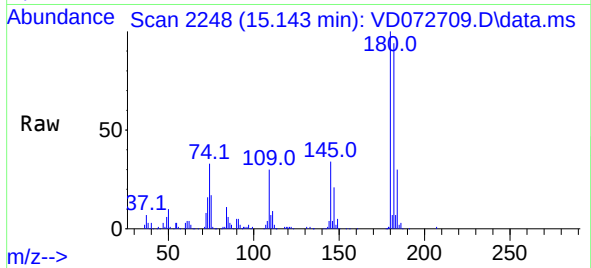
Tgt Ion: 75 Resp: 33447
Ion Ratio Lower Upper
75 100
155 82.2 36.8 110.3
157 106.5 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 51.461 ug/l
RT: 15.143 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

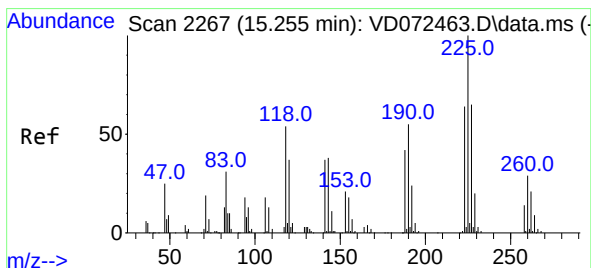
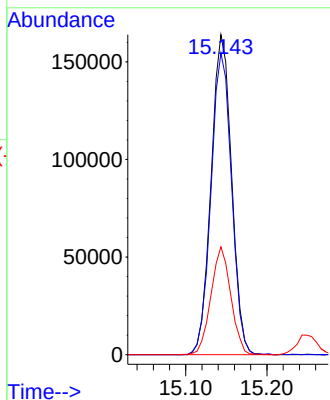
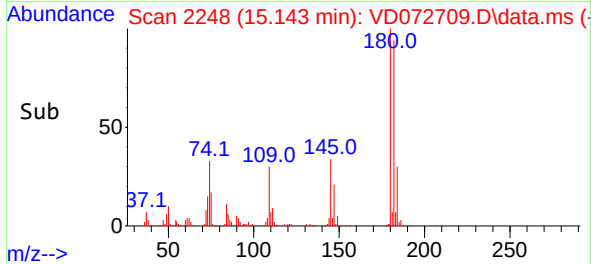
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



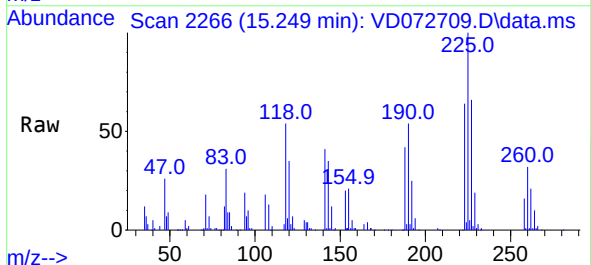
Tgt Ion:180 Resp: 286968
Ion Ratio Lower Upper
180 100
182 94.7 47.3 142.0
145 32.8 16.2 48.5

Manual Integrations
APPROVED

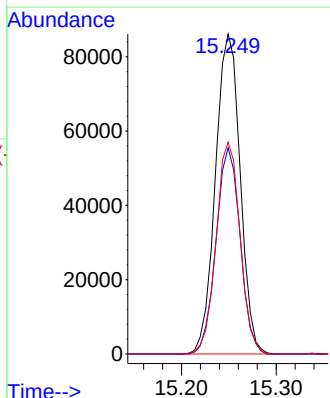
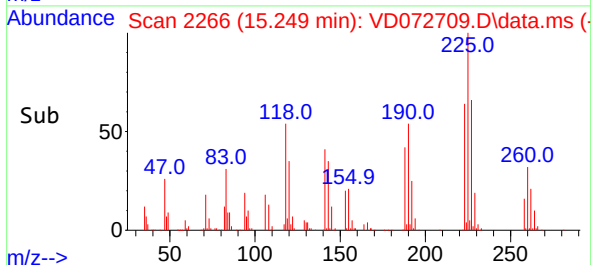
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

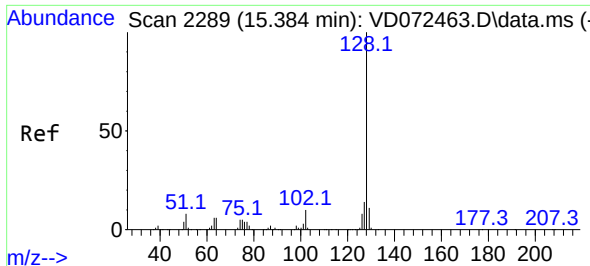


#94
Hexachlorobutadiene
Concen: 50.047 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12



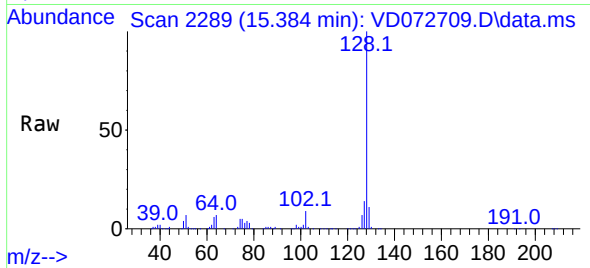
Tgt Ion:225 Resp: 156324
Ion Ratio Lower Upper
225 100
223 62.6 31.1 93.2
227 63.8 32.4 97.0





#95
Naphthalene
Concen: 50.443 ug/l
RT: 15.384 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

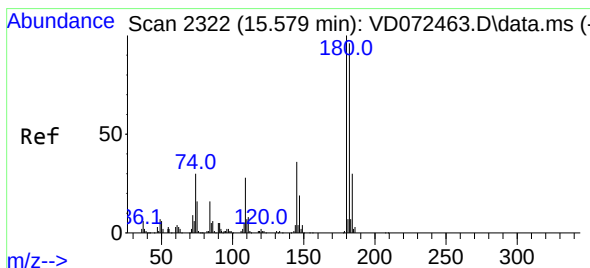
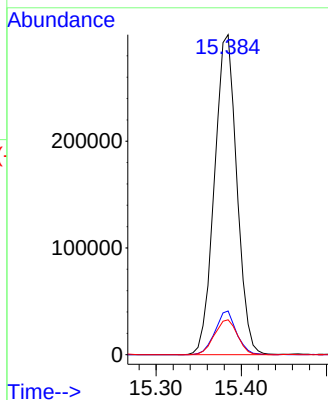
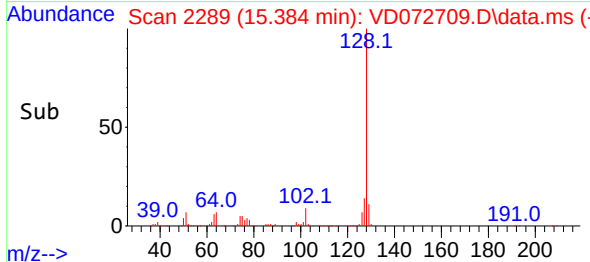
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 546570
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.3 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.827 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD072709.D
Acq: 25 Apr 2022 16:12

Tgt Ion:180 Resp: 252239
Ion Ratio Lower Upper
180 100
182 94.7 47.6 142.9
145 35.1 17.1 51.3

