

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072945.D
 Acq On : 12 May 2022 13:32
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/13/2022

Quant Time: May 13 05:53:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	343264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	541004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	511398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	250196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	184725	41.457	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.920%		
35) Dibromofluoromethane	7.908	113	191788	50.477	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.960%		
50) Toluene-d8	10.332	98	700643	51.407	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.820%		
62) 4-Bromofluorobenzene	12.620	95	258455	50.857	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	216436	45.629	ug/l	96
3) Chloromethane	2.209	50	206097	41.779	ug/l	97
4) Vinyl Chloride	2.350	62	205258	46.371	ug/l	99
5) Bromomethane	2.762	94	140898	51.804	ug/l	90
6) Chloroethane	2.920	64	127618	46.259	ug/l	99
7) Trichlorofluoromethane	3.273	101	388051	50.064	ug/l	100
8) Diethyl Ether	3.709	74	100793	45.358	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	238951	51.926	ug/l	97
10) Methyl Iodide	4.303	142	225792	48.892	ug/l	99
11) Tert butyl alcohol	5.209	59	101685	263.759	ug/l #	81
12) 1,1-Dichloroethene	4.067	96	206357	49.855	ug/l	96
13) Acrolein	3.926	56	24462	79.917	ug/l	96
14) Allyl chloride	4.714	41	333854	49.959	ug/l	92
15) Acrylonitrile	5.420	53	236740	224.168	ug/l	97
16) Acetone	4.150	43	212992	255.703	ug/l	94
17) Carbon Disulfide	4.403	76	585404	44.980	ug/l	100
18) Methyl Acetate	4.714	43	107697	44.390	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	482072	48.583	ug/l	100
20) Methylene Chloride	4.961	84	260102	48.630	ug/l	88
21) trans-1,2-Dichloroethene	5.467	96	237394	50.009	ug/l	92
22) Diisopropyl ether	6.361	45	725471	49.351	ug/l #	93
23) Vinyl Acetate	6.303	43	1924095	236.940	ug/l #	95
24) 1,1-Dichloroethane	6.261	63	433003	49.027	ug/l	99
25) 2-Butanone	7.203	43	299368	230.587	ug/l	95
26) 2,2-Dichloropropane	7.208	77	388227	51.996	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	271922	50.014	ug/l	93
28) Bromochloromethane	7.544	49	146480	44.475	ug/l #	82
29) Tetrahydrofuran	7.561	42	188031	227.218	ug/l	93
30) Chloroform	7.708	83	457569	48.963	ug/l	96
31) Cyclohexane	7.985	56	376723	48.365	ug/l	93
32) 1,1,1-Trichloroethane	7.897	97	410334	51.520	ug/l	97
36) 1,1-Dichloropropene	8.108	75	344167	55.707	ug/l	96
37) Ethyl Acetate	7.285	43	134269	47.276	ug/l #	96
38) Carbon Tetrachloride	8.091	117	362165	56.471	ug/l	96
39) Methylcyclohexane	9.349	83	402100	56.111	ug/l	98
40) Benzene	8.344	78	965830	54.134	ug/l	100

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 Supervised By : Mahesh Dadoda 05/13/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	79349	46.921	ug/l	91
42) 1,2-Dichloroethane	8.420	62	267192	49.697	ug/l	96
43) Isopropyl Acetate	8.450	43	253936	48.442	ug/l	93
44) Trichloroethene	9.108	130	257599	53.968	ug/l	99
45) 1,2-Dichloropropane	9.379	63	246268	52.559	ug/l	97
46) Dibromomethane	9.467	93	128407	49.681	ug/l	96
47) Bromodichloromethane	9.649	83	345161	51.912	ug/l	98
48) Methyl methacrylate	9.449	41	130859	51.028	ug/l	91
49) 1,4-Dioxane	9.455	88	29346	1008.279	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	681512	250.193	ug/l	93
52) Toluene	10.396	92	623113	55.988	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	315831	51.714	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	375008	52.852	ug/l	90
55) 1,1,2-Trichloroethane	10.791	97	183017	52.380	ug/l	96
56) Ethyl methacrylate	10.655	69	218865	53.201	ug/l #	86
57) 1,3-Dichloropropane	10.938	76	304602	50.801	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	508155	254.768	ug/l	96
59) 2-Hexanone	10.973	43	485057	264.639	ug/l	95
60) Dibromochloromethane	11.132	129	227082	51.627	ug/l	99
61) 1,2-Dibromoethane	11.238	107	171927	50.554	ug/l	100
64) Tetrachloroethene	10.867	164	211939	56.684	ug/l	99
65) Chlorobenzene	11.661	112	652396	55.155	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	248213	55.837	ug/l	99
67) Ethyl Benzene	11.732	91	1205438	58.887	ug/l	98
68) m/p-Xylenes	11.843	106	933059	118.330	ug/l	99
69) o-Xylene	12.173	106	430227	58.421	ug/l	97
70) Styrene	12.185	104	753507	59.055	ug/l	98
71) Bromoform	12.349	173	126533	52.521	ug/l #	98
73) Isopropylbenzene	12.467	105	1186370	60.946	ug/l	100
74) N-amyl acetate	12.279	43	253016	52.194	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	200531	51.033	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	143944m	51.596	ug/l	
77) Bromobenzene	12.749	156	255828	55.345	ug/l	96
78) n-propylbenzene	12.808	91	1473993	60.080	ug/l	99
79) 2-Chlorotoluene	12.896	91	821747	57.339	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	996533	60.375	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	63414	52.270	ug/l	90
82) 4-Chlorotoluene	12.990	91	860284	57.452	ug/l	99
83) tert-Butylbenzene	13.208	119	876360	62.451	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	985558	59.736	ug/l	100
85) sec-Butylbenzene	13.390	105	1313522	62.061	ug/l	99
86) p-Isopropyltoluene	13.502	119	1074248	61.906	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	524830	56.361	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	516101	55.655	ug/l	100
89) n-Butylbenzene	13.826	91	1047026	62.286	ug/l	99
90) Hexachloroethane	14.096	117	210274	59.151	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	447622	55.156	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	31624	50.770	ug/l	92
93) 1,2,4-Trichlorobenzene	15.143	180	275360	57.293	ug/l	99
94) Hexachlorobutadiene	15.249	225	153736	58.570	ug/l	98
95) Naphthalene	15.379	128	497742	56.327	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	244891	57.480	ug/l	98

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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Supervised By :Mahesh Dadoda 05/13/2022

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Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration

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

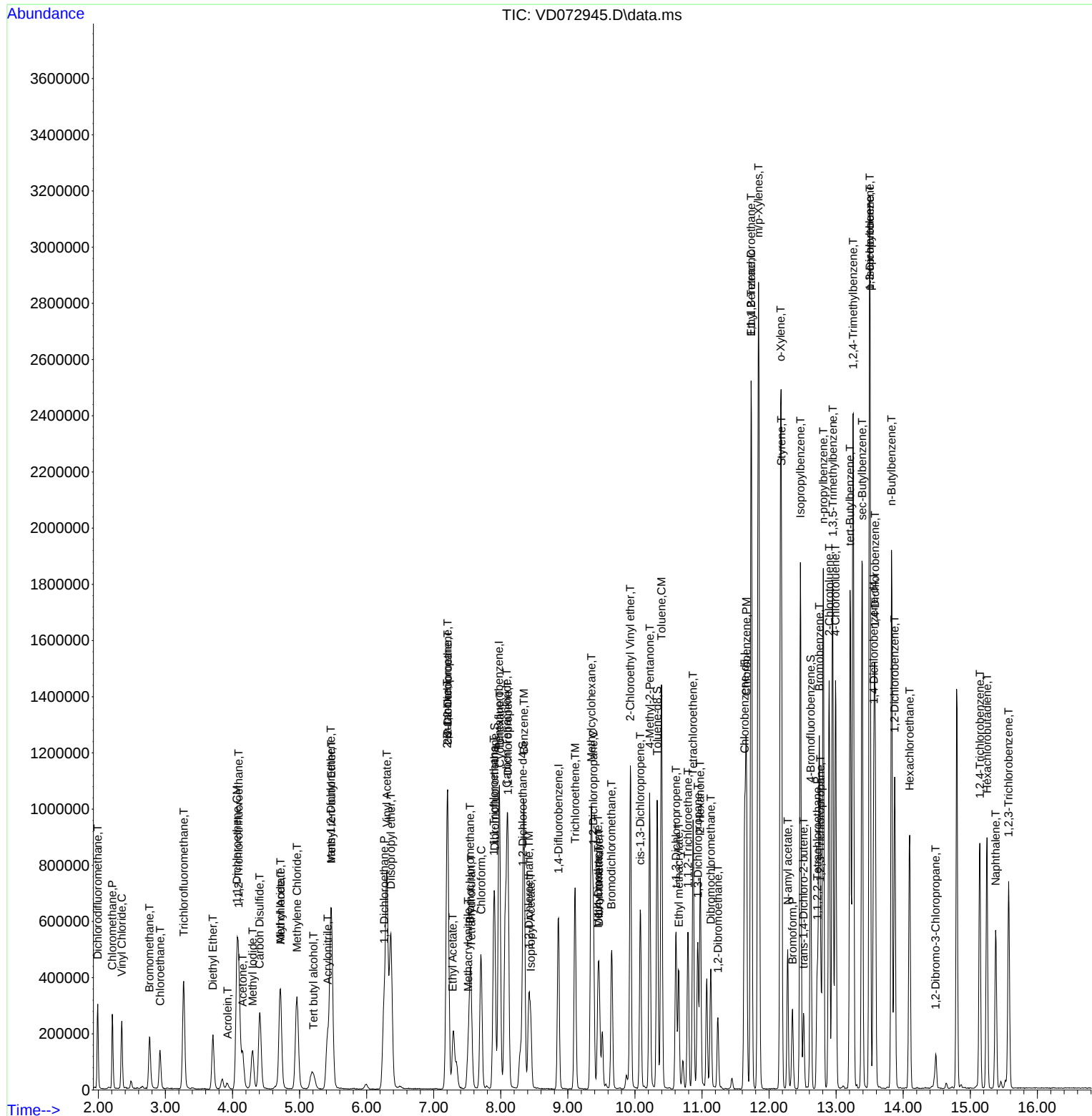
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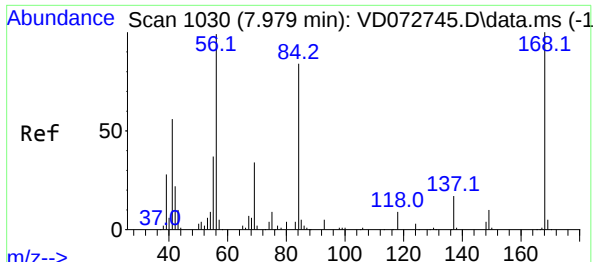
Instrument :
MSVOA_D
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Manual Integrations
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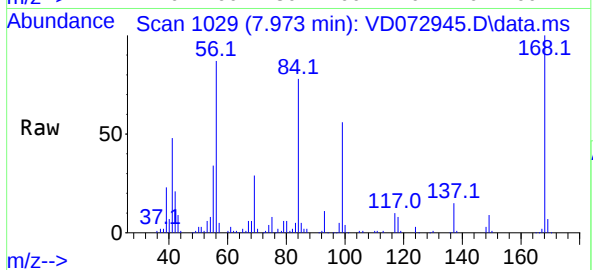
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

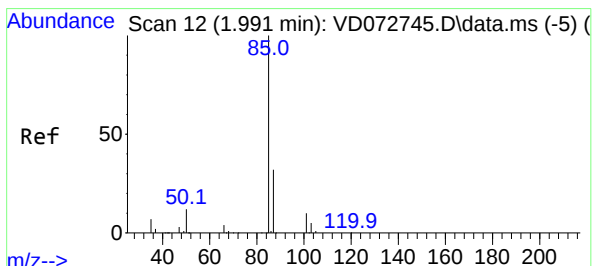
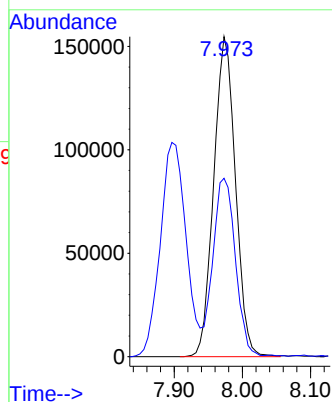
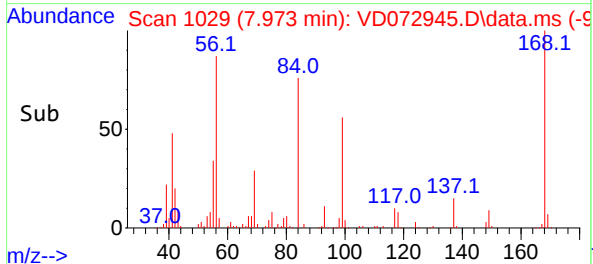
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 343264
Ion Ratio Lower Upper
168 100
99 55.4 49.8 74.6

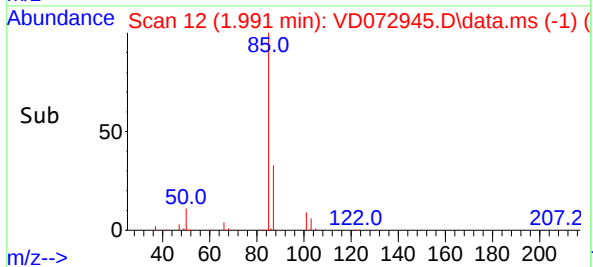
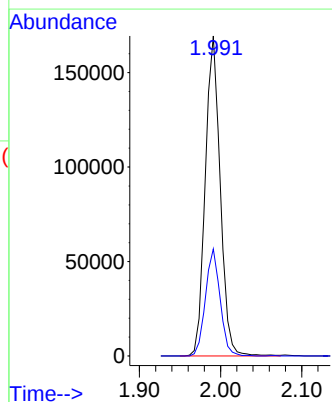
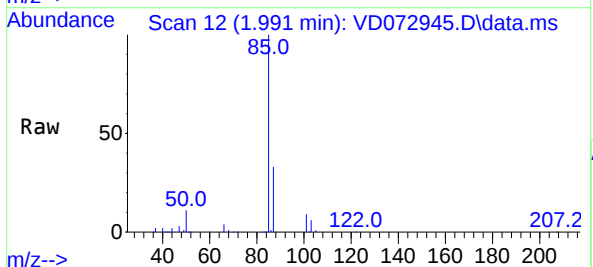
Manual Integrations
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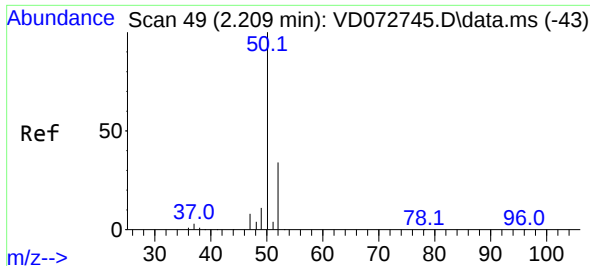
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#2
Dichlorodifluoromethane
Concen: 45.629 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

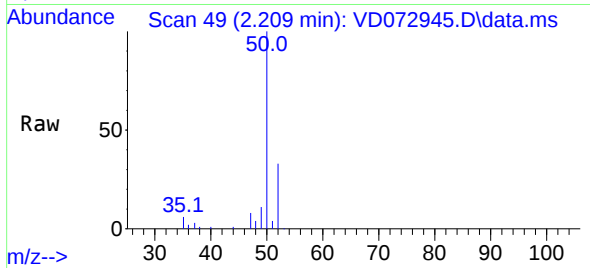
Tgt Ion: 85 Resp: 216436
Ion Ratio Lower Upper
85 100
87 33.4 15.7 47.0





#3
Chloromethane
Concen: 41.779 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

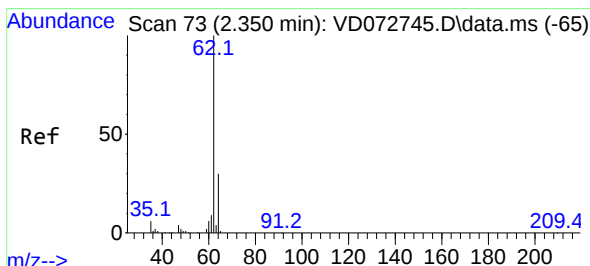
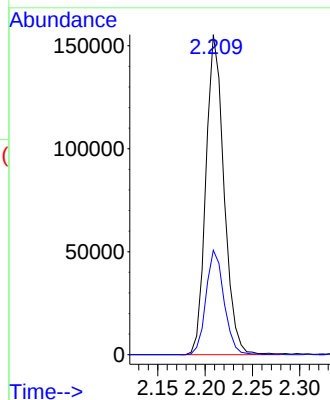
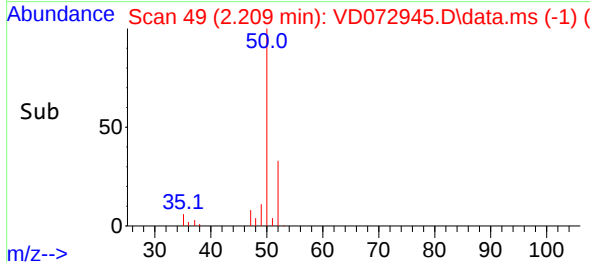
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 20609
Ion Ratio Lower Upper
50 100
52 32.6 27.4 41.0

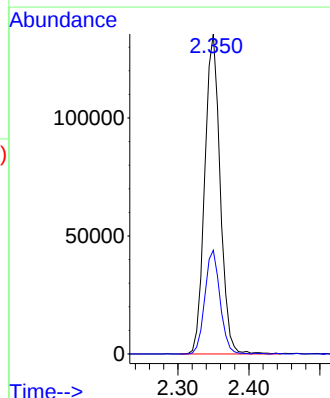
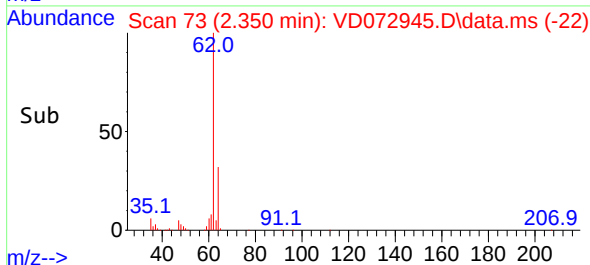
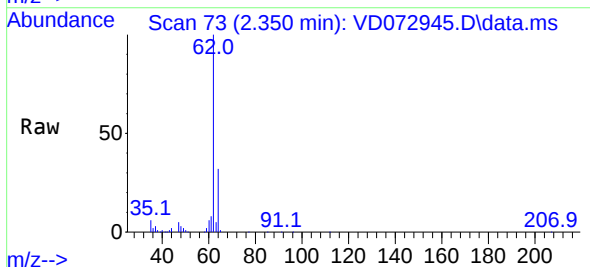
Manual Integrations
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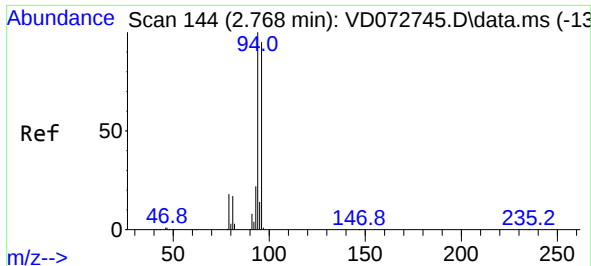
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#4
Vinyl Chloride
Concen: 46.371 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

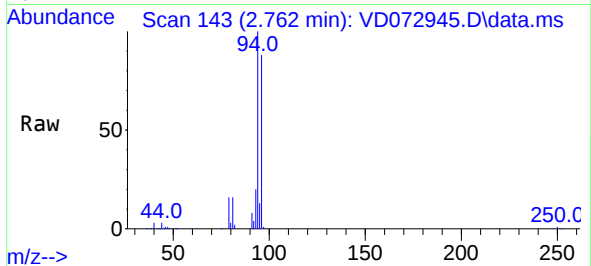
Tgt Ion: 62 Resp: 205258
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.0





#5
Bromomethane
Concen: 51.804 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

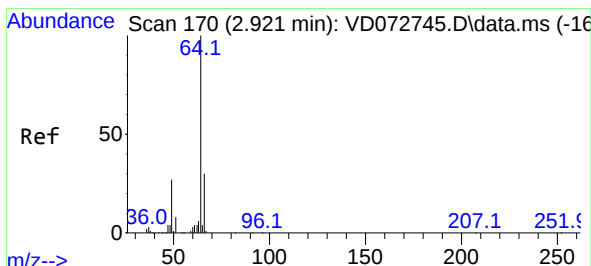
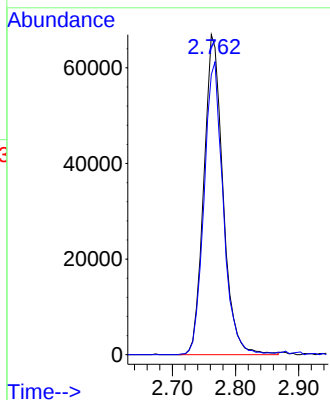
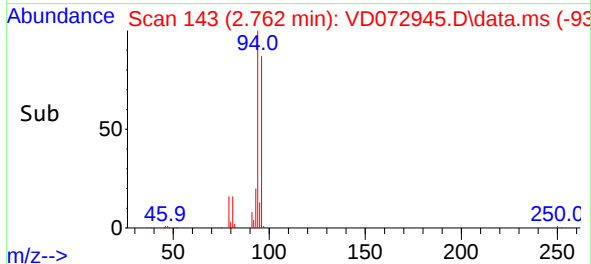
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Tgt Ion: 94 Resp: 140898
Ion Ratio Lower Upper
94 100
96 87.5 77.6 116.4

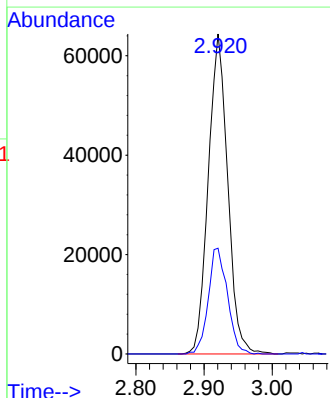
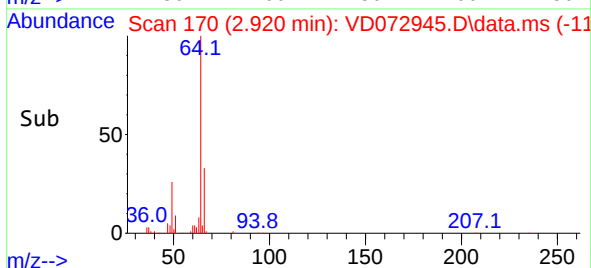
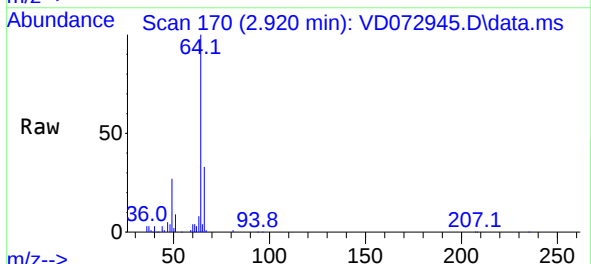
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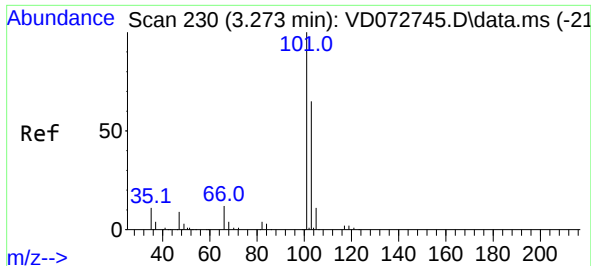
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#6
Chloroethane
Concen: 46.259 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.001 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

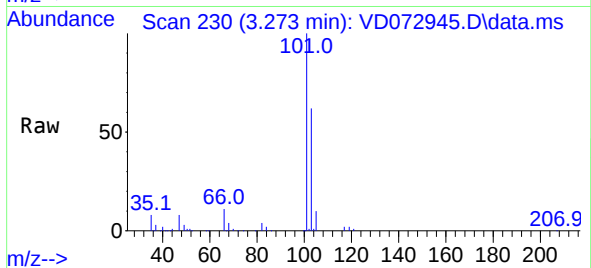
Tgt Ion: 64 Resp: 127618
Ion Ratio Lower Upper
64 100
66 33.1 25.9 38.9





#7
Trichlorofluoromethane
Concen: 50.064 ug/l
RT: 3.273 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

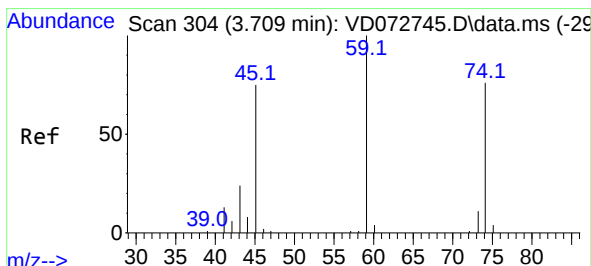
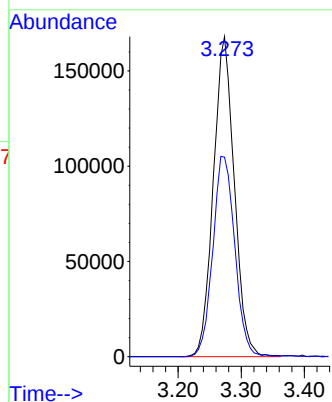
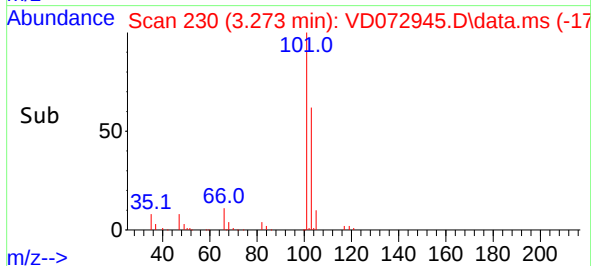
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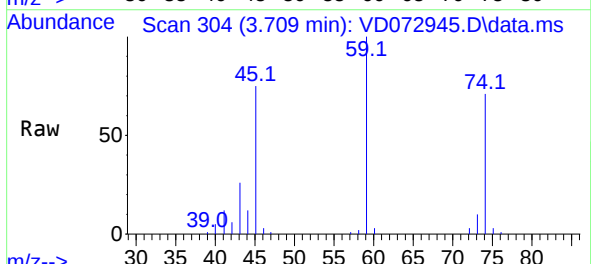
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Ion Ratio Lower Upper
101 100
103 62.3 50.1 75.1

Manual Integrations
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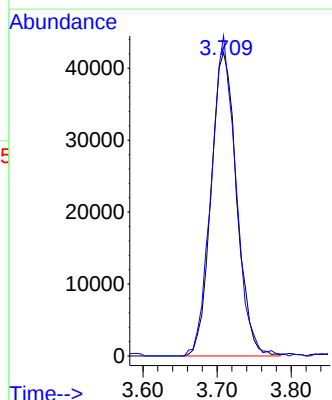
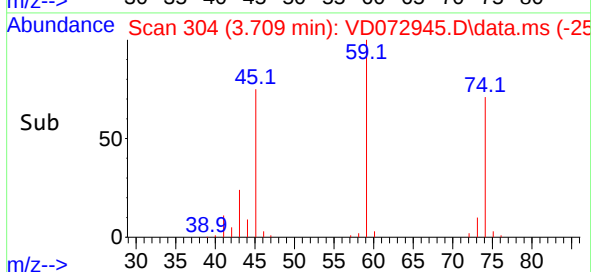
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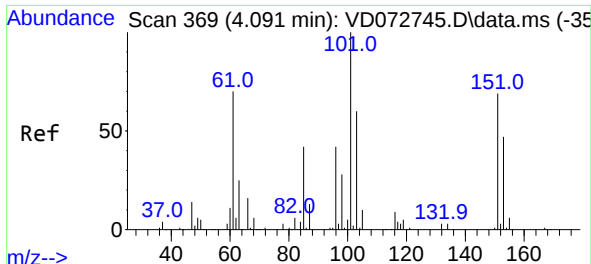


#8
Diethyl Ether
Concen: 45.358 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32



Tgt Ion: 74 Resp: 100793
Ion Ratio Lower Upper
74 100
45 102.1 52.6 157.8





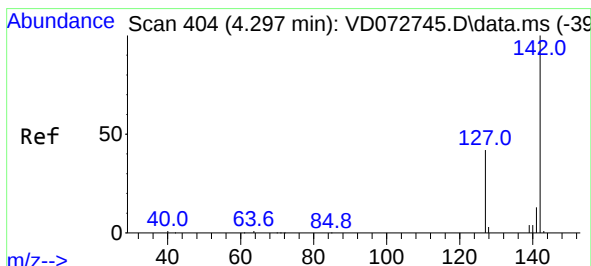
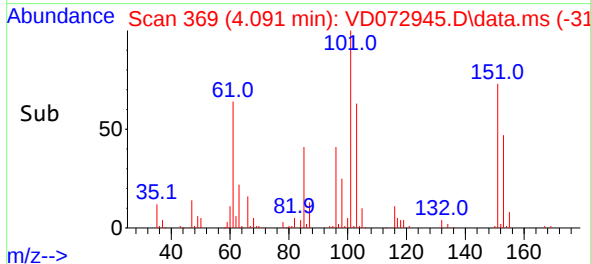
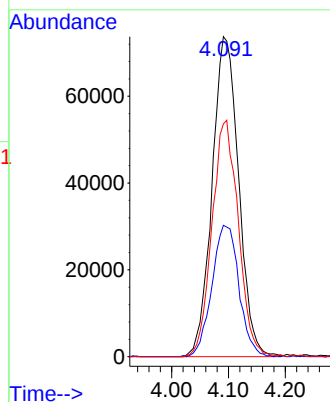
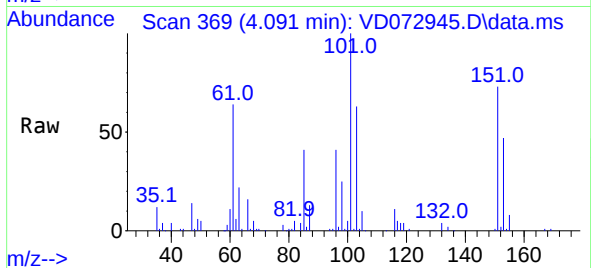
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.926 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 23895
Ion Ratio Lower Upper
101 100
85 41.8 36.4 54.6
151 73.2 57.3 85.9

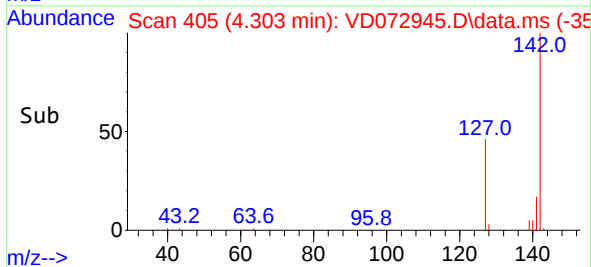
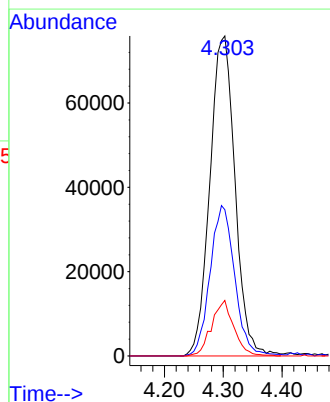
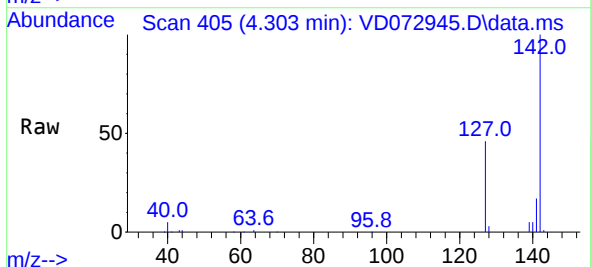
Manual Integrations
APPROVED

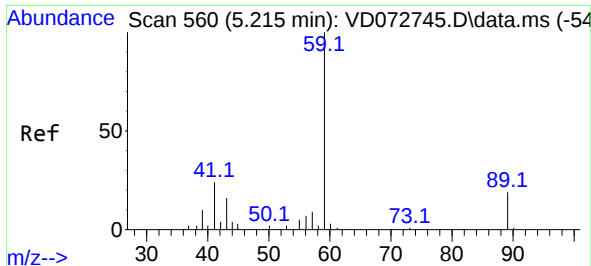
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#10
Methyl Iodide
Concen: 48.892 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

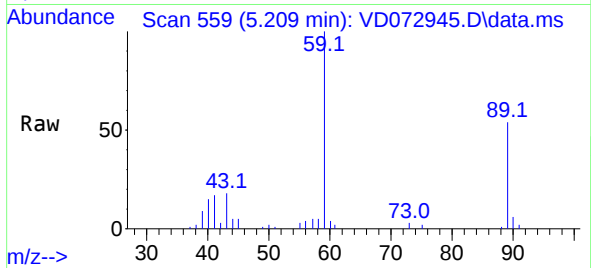
Tgt Ion:142 Resp: 225792
Ion Ratio Lower Upper
142 100
127 46.1 37.3 55.9
141 15.5 11.7 17.5





#11
Tert butyl alcohol
Concen: 263.759 ug/l
RT: 5.209 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

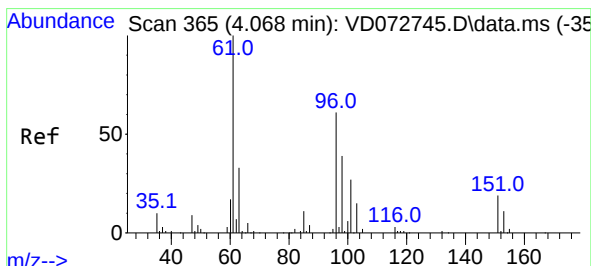
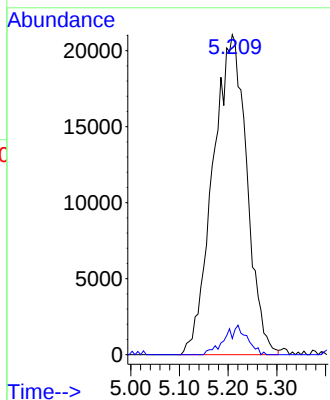
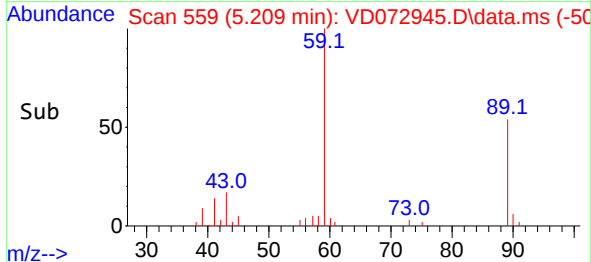
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



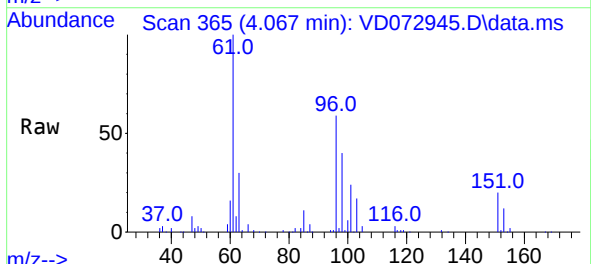
Tgt Ion: 59 Resp: 10168
Ion Ratio Lower Upper
59 100
57 2.6 7.8 11.6

Manual Integrations
APPROVED

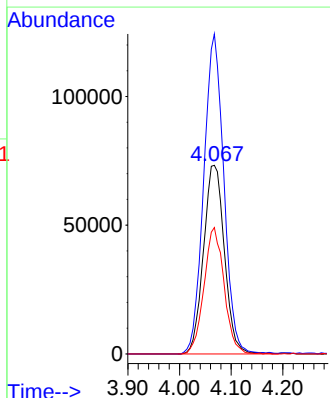
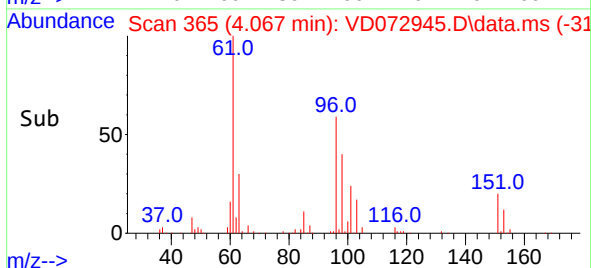
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

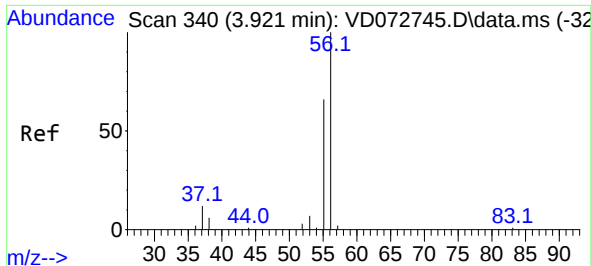


#12
1,1-Dichloroethene
Concen: 49.855 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.001 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32



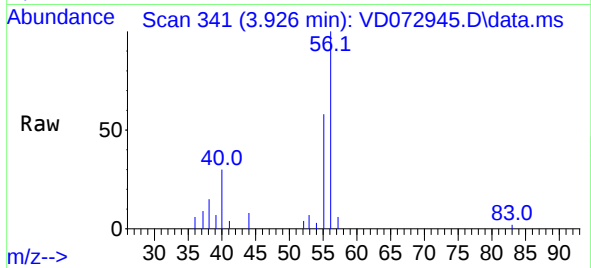
Tgt Ion: 96 Resp: 206357
Ion Ratio Lower Upper
96 100
61 169.7 138.5 207.7
98 67.0 48.6 73.0





#13
Acrolein
Concen: 79.917 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.005 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

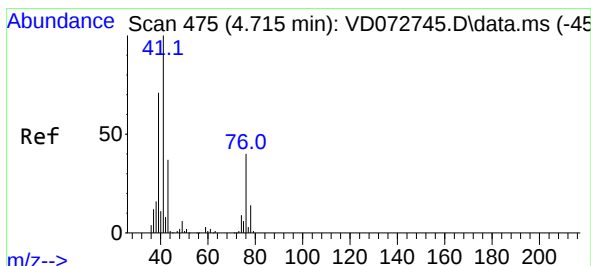
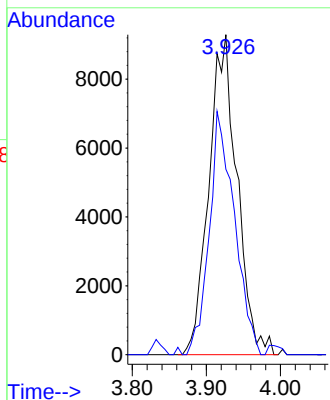
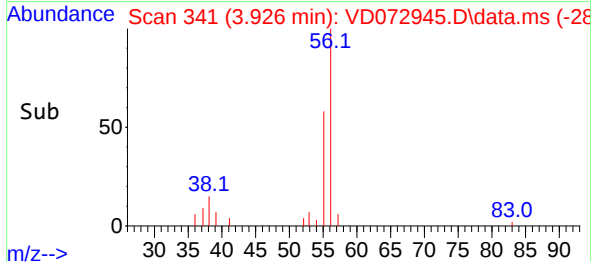
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 24462
Ion Ratio Lower Upper
56 100
55 68.2 57.1 85.7

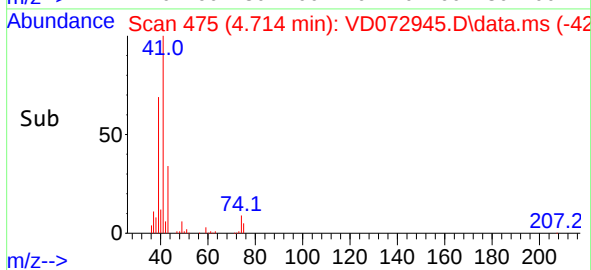
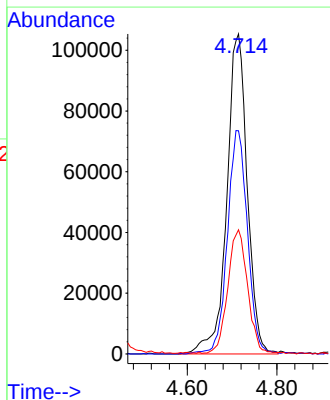
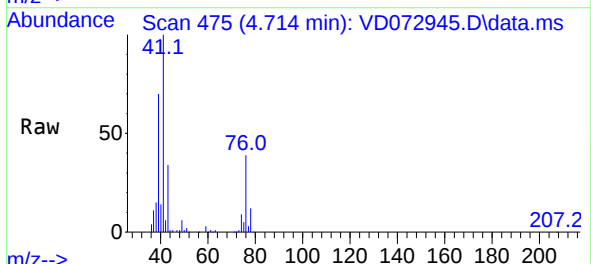
Manual Integrations
APPROVED

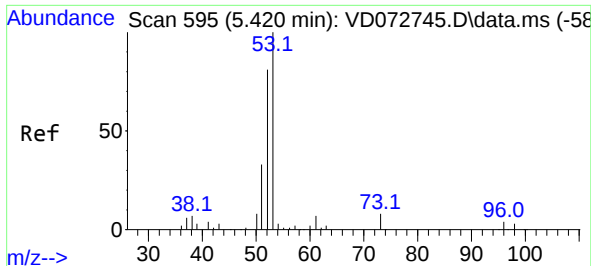
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#14
Allyl chloride
Concen: 49.959 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

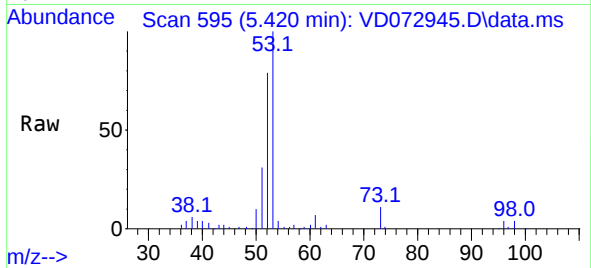
Tgt Ion: 41 Resp: 333854
Ion Ratio Lower Upper
41 100
39 68.4 59.3 88.9
76 37.3 25.7 38.5





#15
Acrylonitrile
Concen: 224.168 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

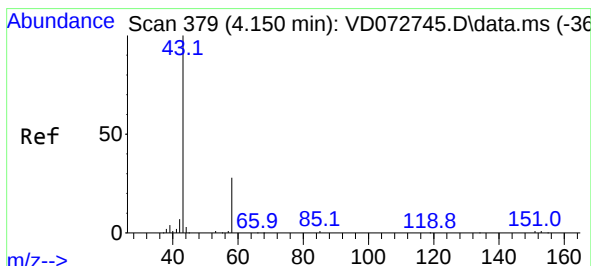
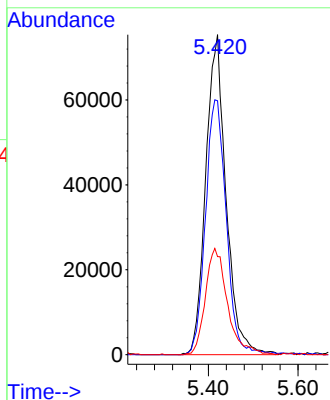
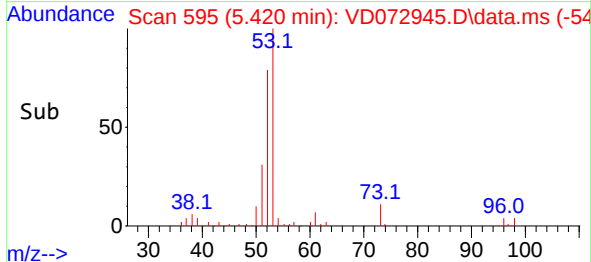
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



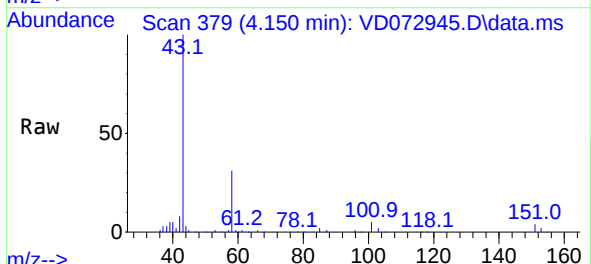
Tgt Ion: 53 Resp: 236740
Ion Ratio Lower Upper
53 100
52 81.6 67.2 100.8
51 36.3 30.3 45.5

Manual Integrations
APPROVED

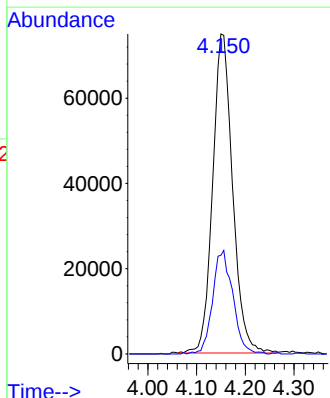
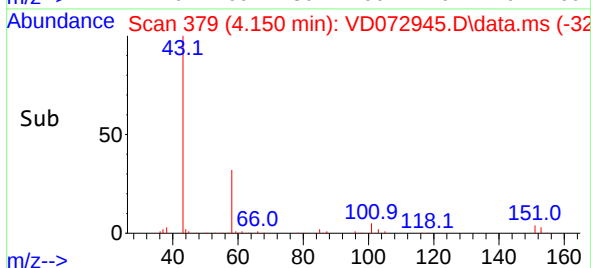
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

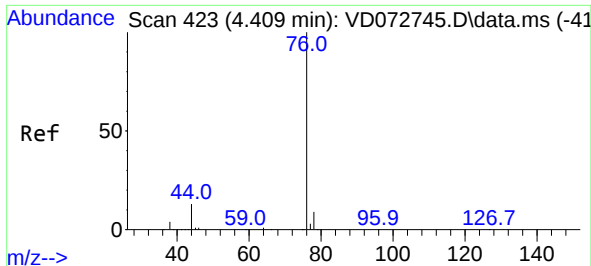


#16
Acetone
Concen: 255.703 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32



Tgt Ion: 43 Resp: 212992
Ion Ratio Lower Upper
43 100
58 31.0 22.1 33.1





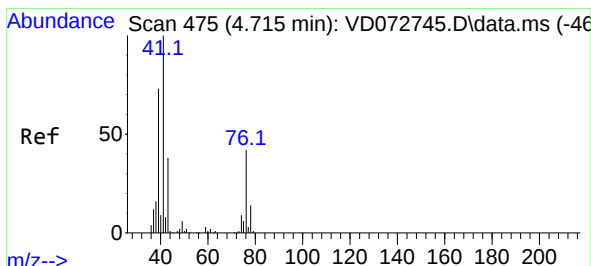
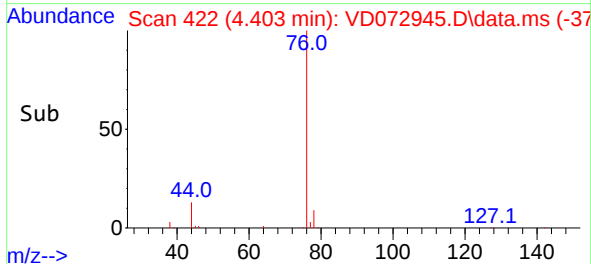
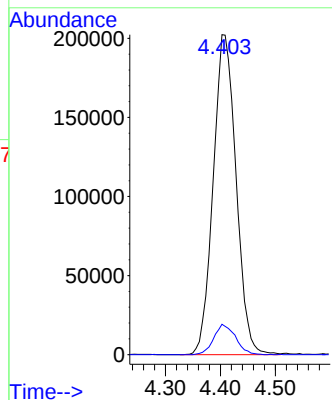
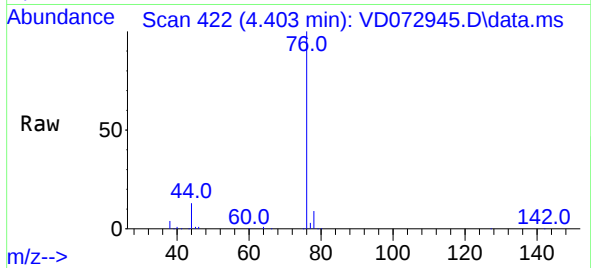
#17
Carbon Disulfide
Concen: 44.980 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 585404
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3

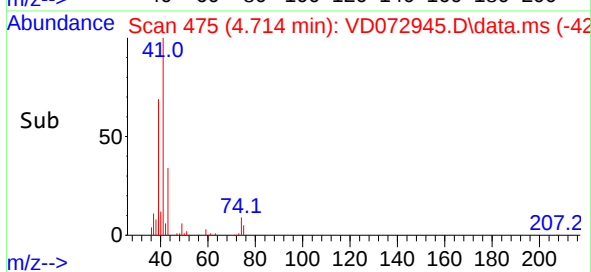
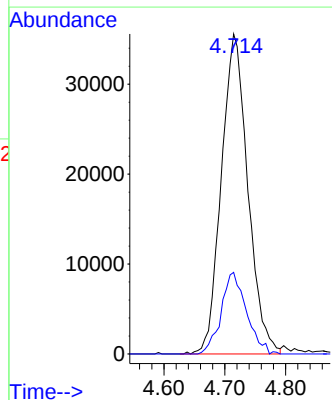
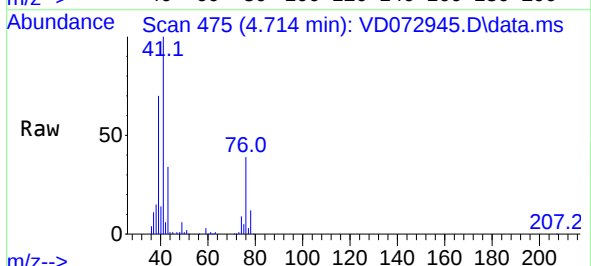
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#18
Methyl Acetate
Concen: 44.390 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

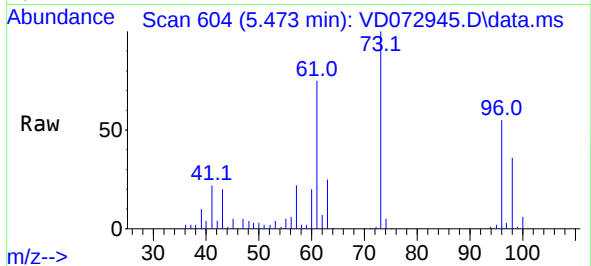
Tgt Ion: 43 Resp: 107697
Ion Ratio Lower Upper
43 100
74 24.3 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 48.583 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

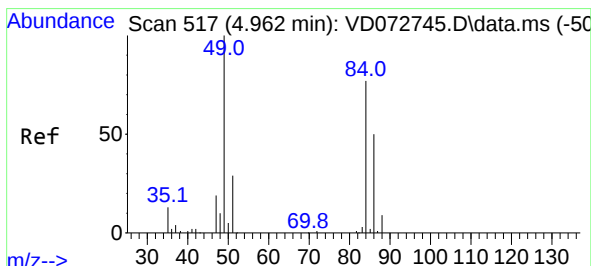
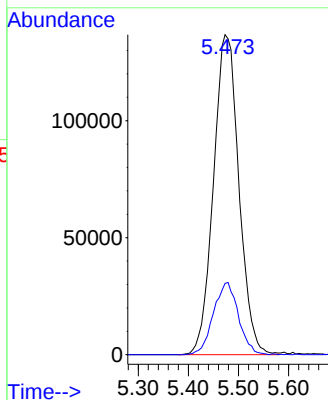
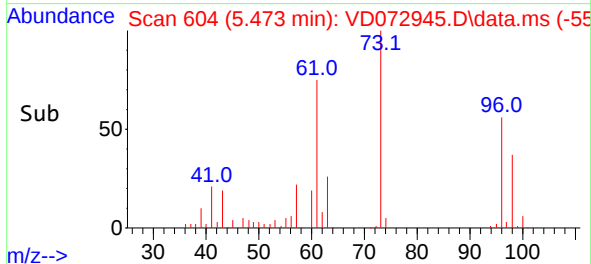
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



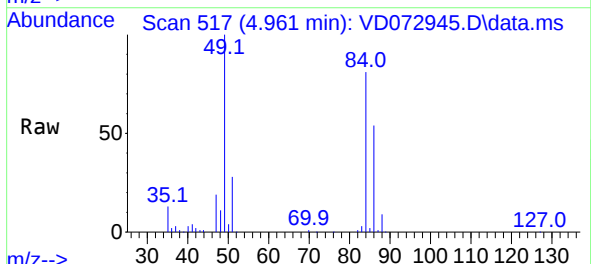
Tgt Ion: 73 Resp: 482072
Ion Ratio Lower Upper
73 100
57 22.3 18.0 27.0

Manual Integrations
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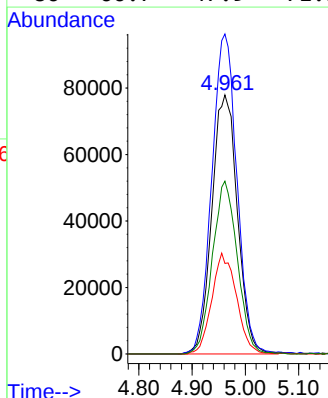
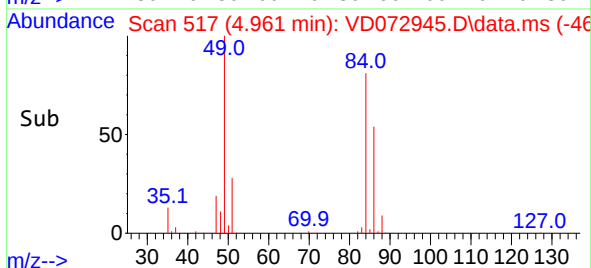
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

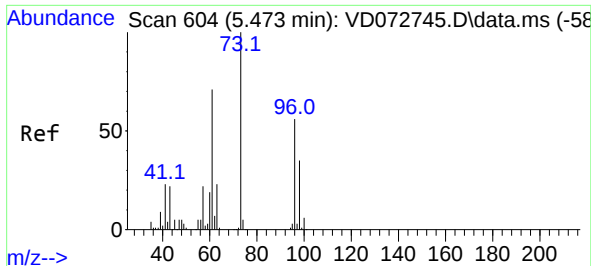


#20
Methylene Chloride
Concen: 48.630 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32



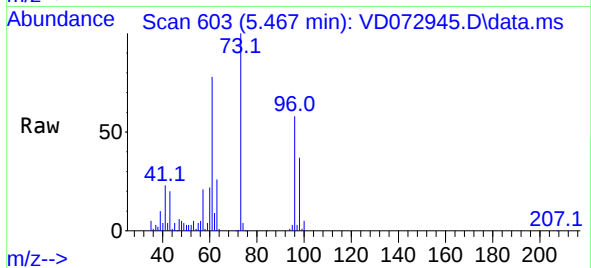
Tgt Ion: 84 Resp: 260102
Ion Ratio Lower Upper
84 100
49 123.5 112.8 169.2
51 35.0 32.6 48.8
86 66.7 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 50.009 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

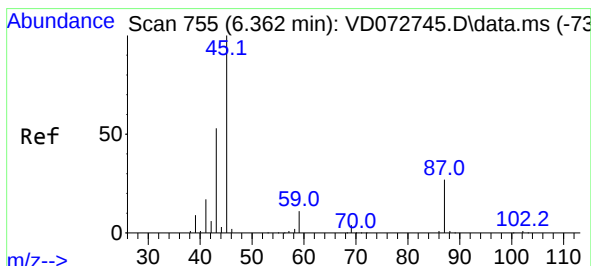
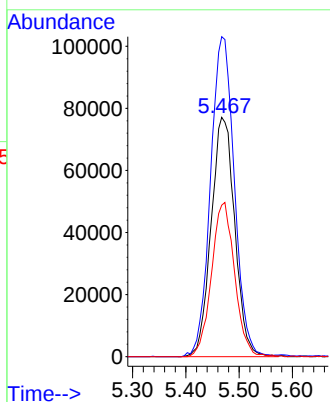
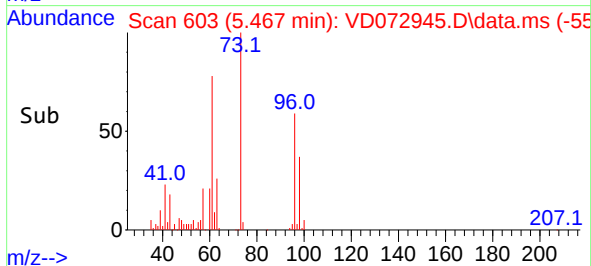
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



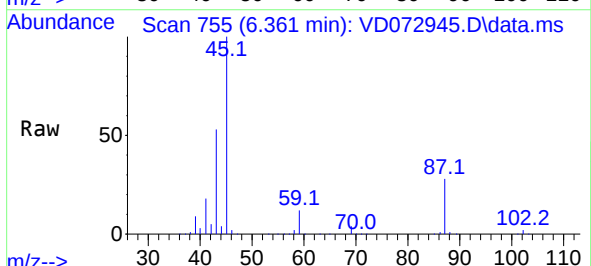
Tgt Ion: 96 Resp: 237394
Ion Ratio Lower Upper
96 100
61 133.7 117.9 176.9
98 63.3 49.4 74.2

Manual Integrations
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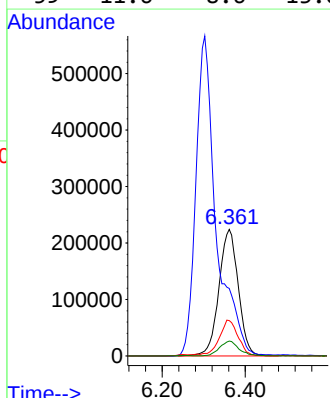
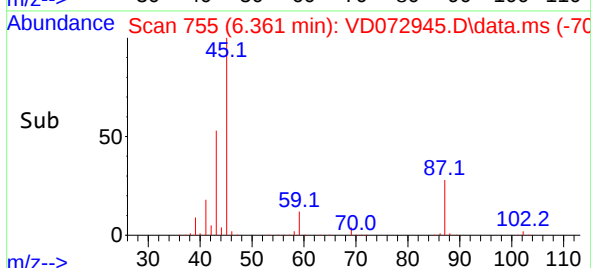
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

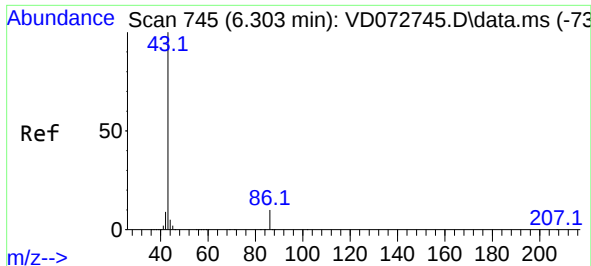


#22
Diisopropyl ether
Concen: 49.351 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.001 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32



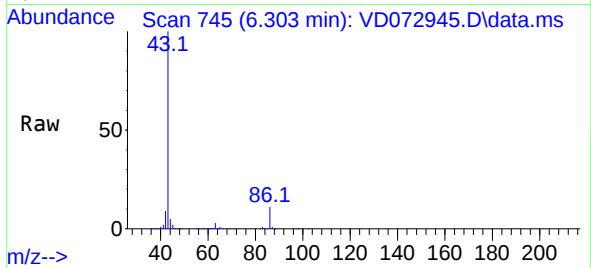
Tgt Ion: 45 Resp: 725471
Ion Ratio Lower Upper
45 100
43 52.9 46.6 70.0
87 27.8 18.4 27.6#
59 11.6 8.6 13.0





#23
 Vinyl Acetate
 Concen: 236.940 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072945.D
 Acq: 12 May 2022 13:32

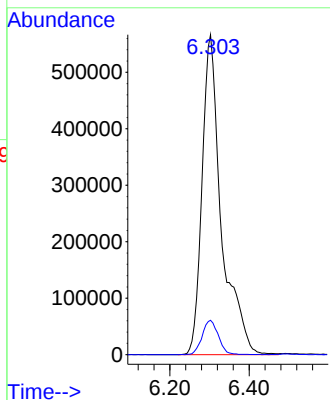
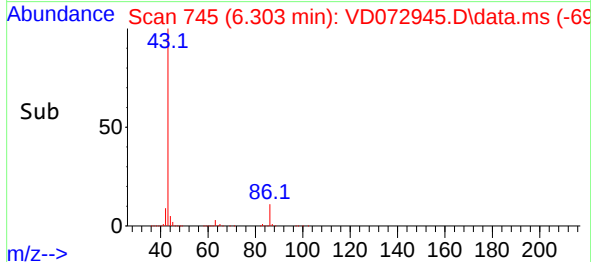
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



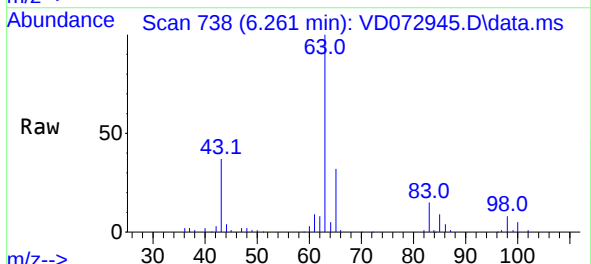
Tgt Ion: 43 Resp: 1924099
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.1 10.7

Manual Integrations
 APPROVED

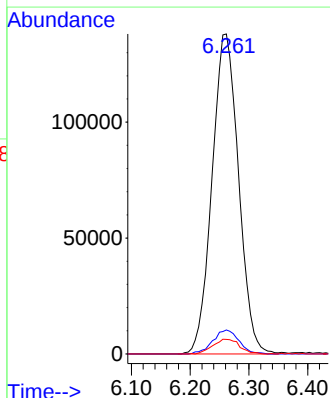
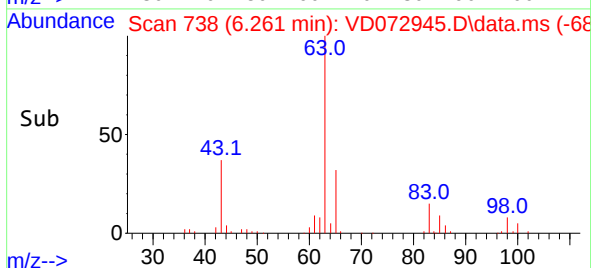
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022

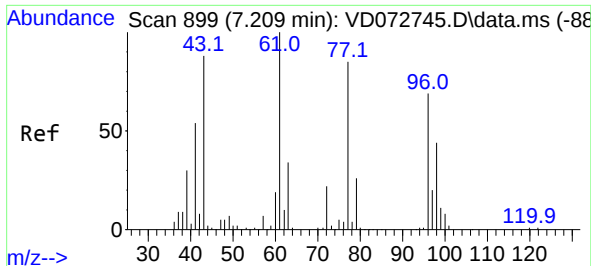


#24
 1,1-Dichloroethane
 Concen: 49.027 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.005 min
 Lab File: VD072945.D
 Acq: 12 May 2022 13:32



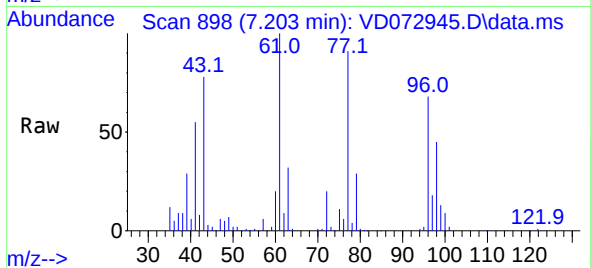
Tgt Ion: 63 Resp: 433003
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.9
 100 4.5 2.1 6.5





#25
2-Butanone
Concen: 230.587 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

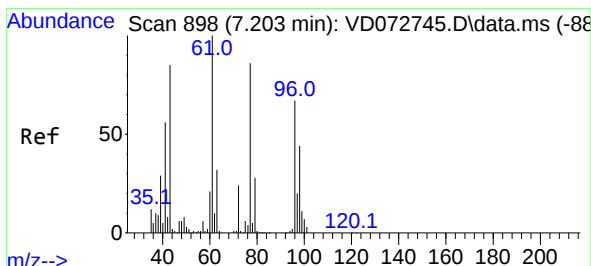
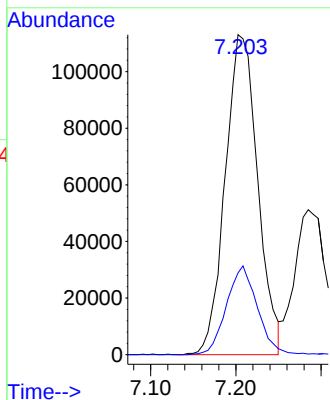
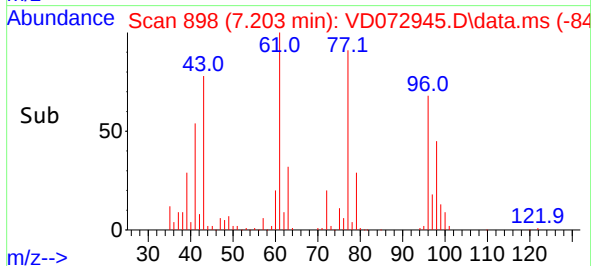
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



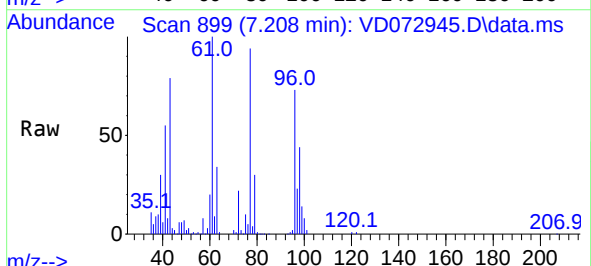
Tgt Ion: 43 Resp: 299368
Ion Ratio Lower Upper
43 100
72 25.6 18.6 27.8

Manual Integrations
APPROVED

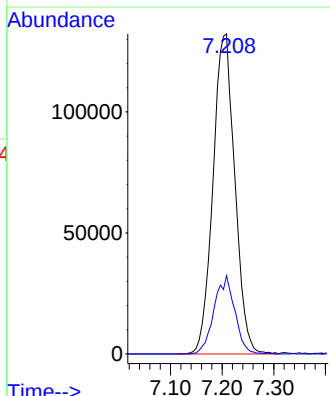
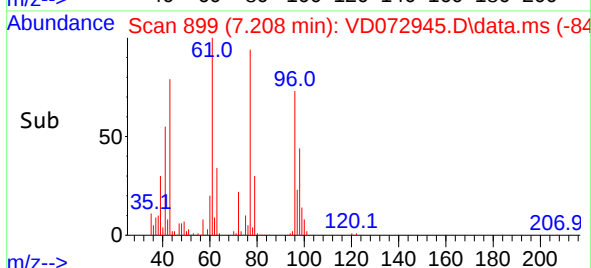
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

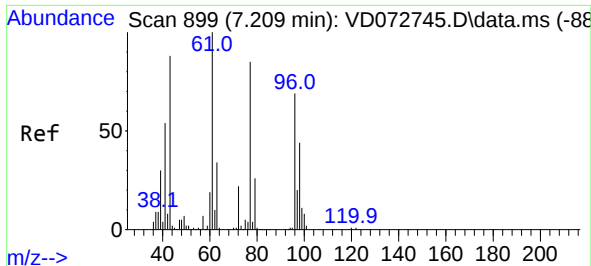


#26
2,2-Dichloropropane
Concen: 51.996 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.005 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32



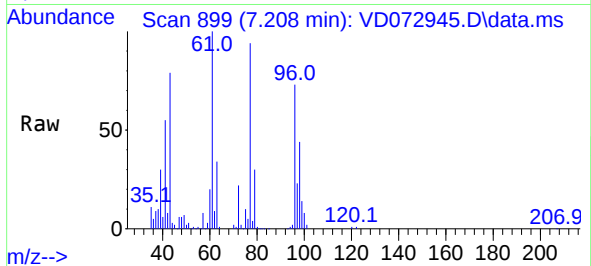
Tgt Ion: 77 Resp: 388227
Ion Ratio Lower Upper
77 100
97 23.1 10.8 32.4





#27
cis-1,2-Dichloroethene
Concen: 50.014 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

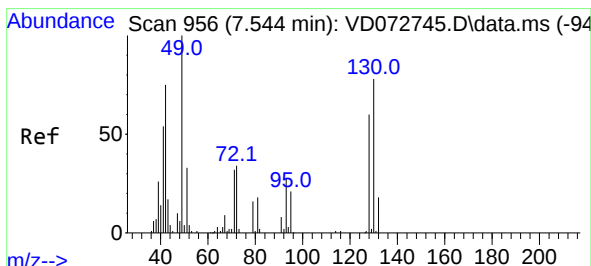
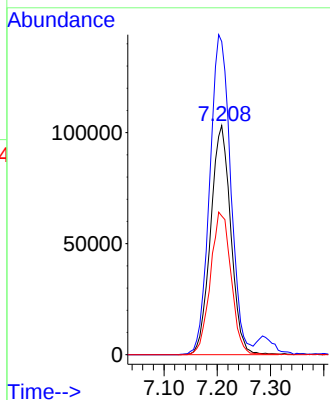
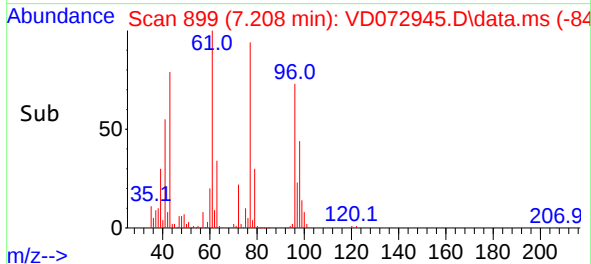
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



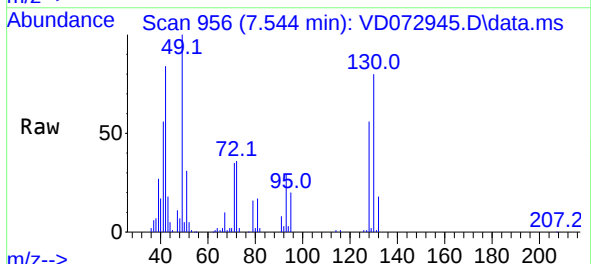
Tgt Ion: 96 Resp: 27192
Ion Ratio Lower Upper
96 100
61 144.5 0.0 313.8
98 63.6 0.0 128.8

Manual Integrations
APPROVED

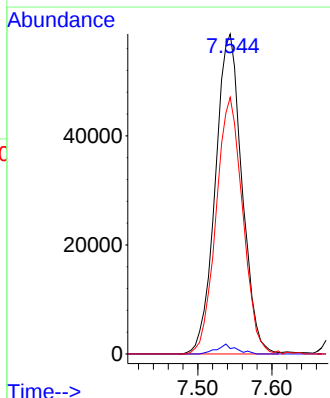
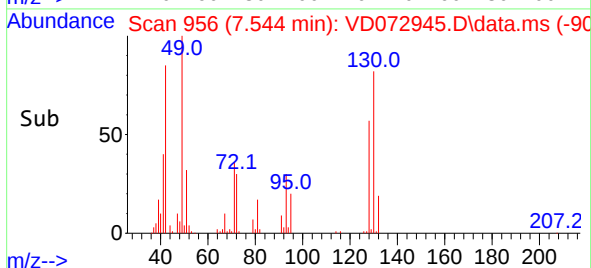
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

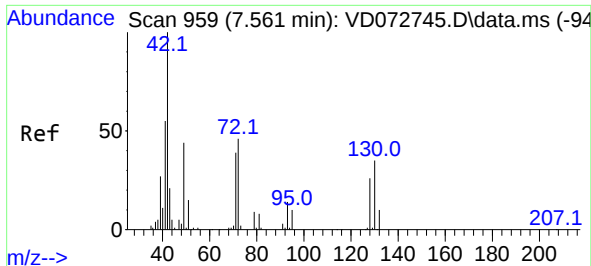


#28
Bromochloromethane
Concen: 44.475 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32



Tgt Ion: 49 Resp: 146480
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.0
130 80.3 52.6 79.0#





#29

Tetrahydrofuran

Concen: 227.218 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD072945.D

Acq: 12 May 2022 13:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

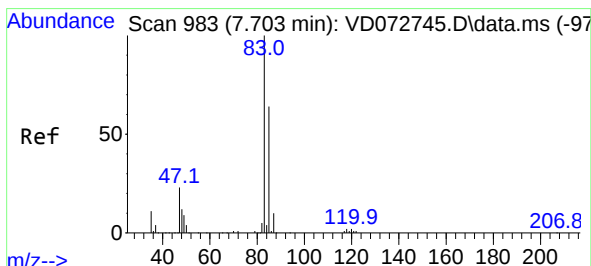
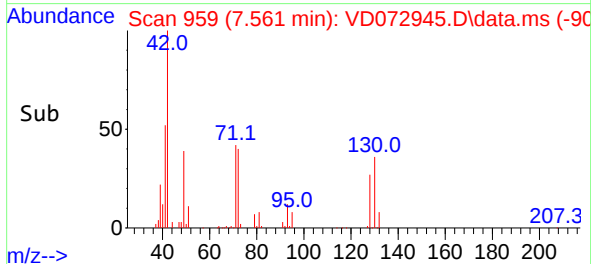
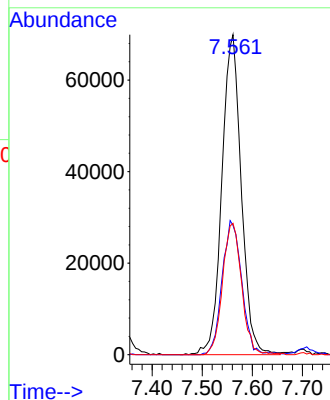
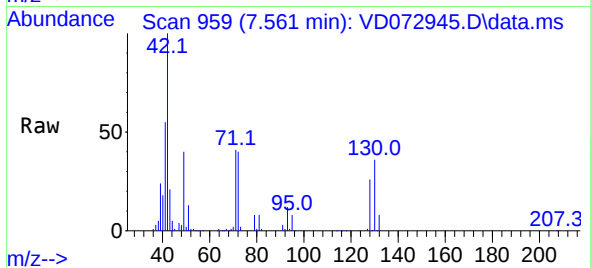
Tgt Ion: 42 Resp: 18803
 Ion Ratio Lower Upper
 42 100
 72 42.0 30.7 46.1
 71 40.5 28.6 43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#30

Chloroform

Concen: 48.963 ug/l

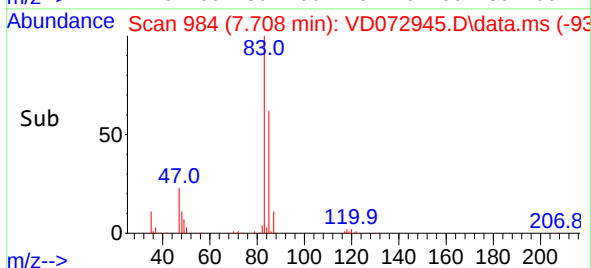
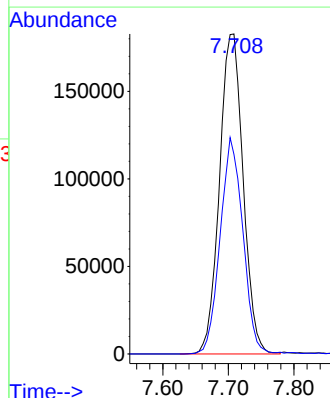
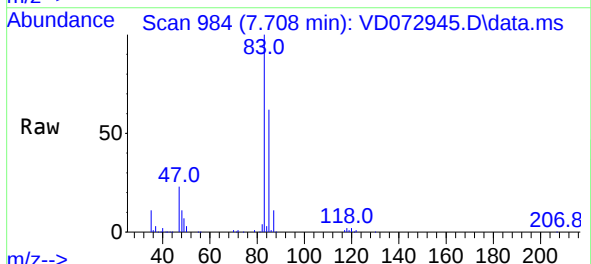
RT: 7.708 min Scan# 984

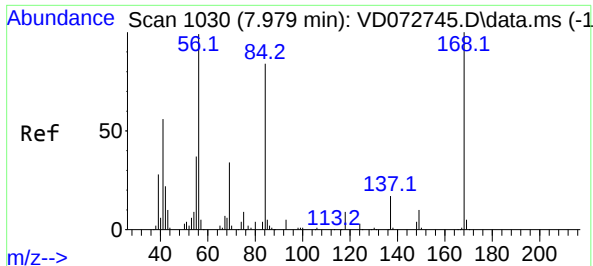
Delta R.T. 0.005 min

Lab File: VD072945.D

Acq: 12 May 2022 13:32

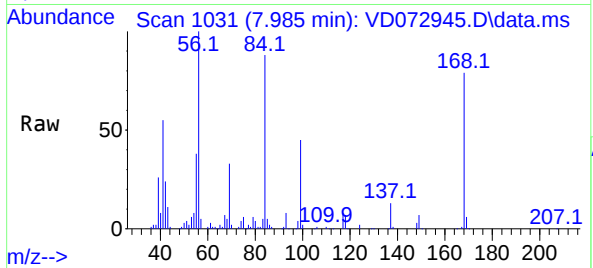
Tgt Ion: 83 Resp: 457569
 Ion Ratio Lower Upper
 83 100
 85 62.4 52.7 79.1





#31
Cyclohexane
Concen: 48.365 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

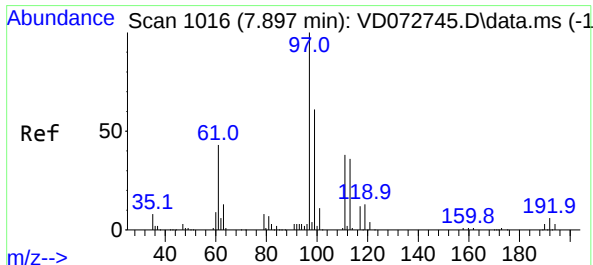
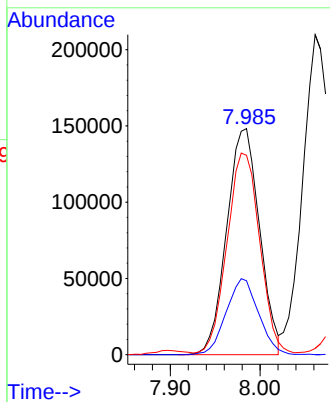
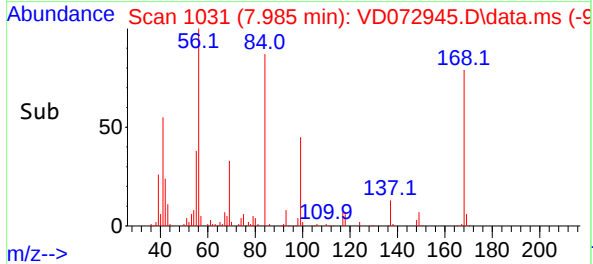
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



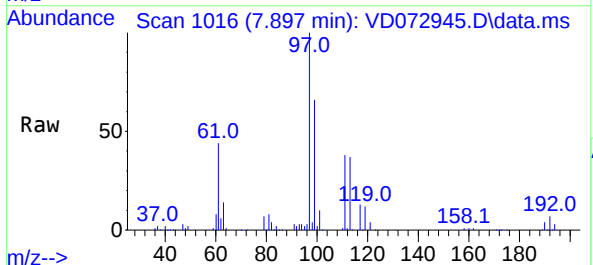
Tgt Ion: 56 Resp: 37672
Ion Ratio Lower Upper
56 100
69 32.7 25.4 38.2
84 86.6 63.0 94.4

Manual Integrations
APPROVED

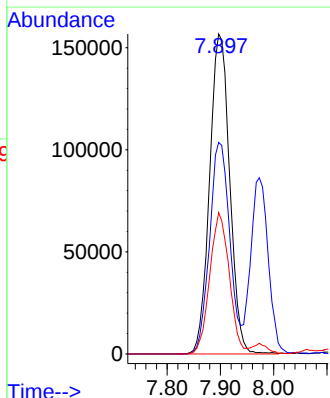
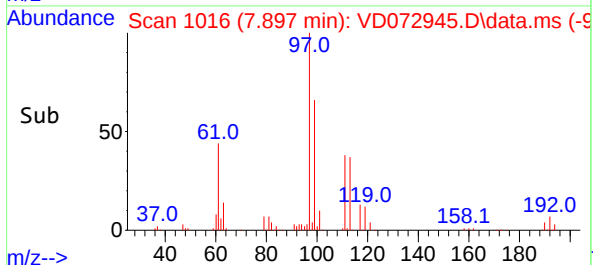
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

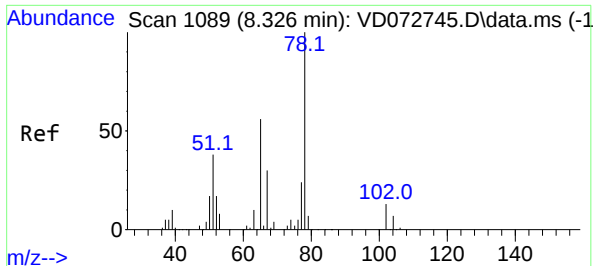


#32
1,1,1-Trichloroethane
Concen: 51.520 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32



Tgt Ion: 97 Resp: 410334
Ion Ratio Lower Upper
97 100
99 66.2 52.4 78.6
61 43.0 38.0 57.0





#33
1,2-Dichloroethane-d4
Concen: 41.457 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

Instrument :

MSVOA_D

ClientSampleId :

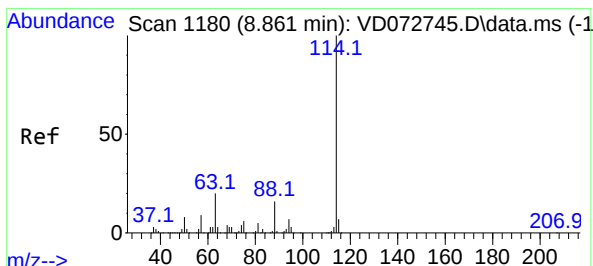
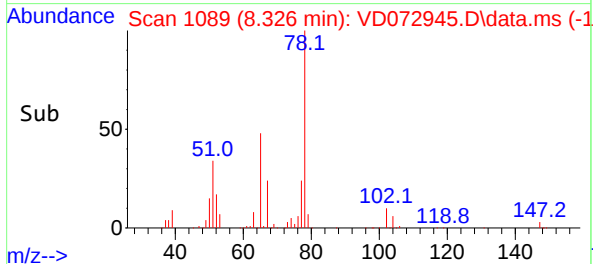
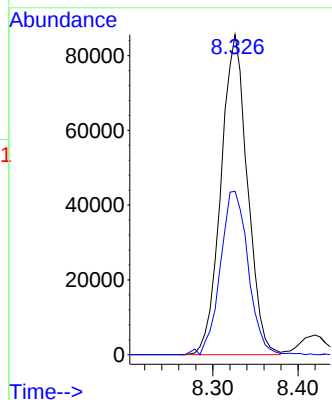
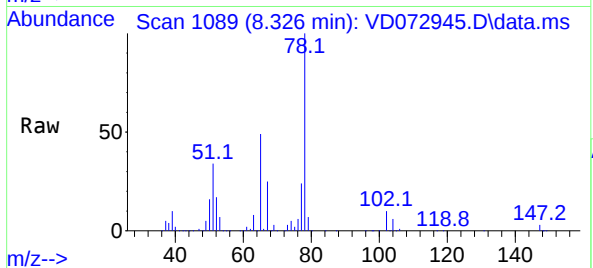
VSTDCCC050

Tgt Ion: 65 Resp: 184725
Ion Ratio Lower Upper
65 100
67 53.7 0.0 101.4

Manual Integrations

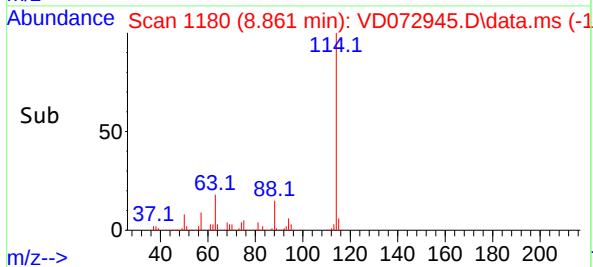
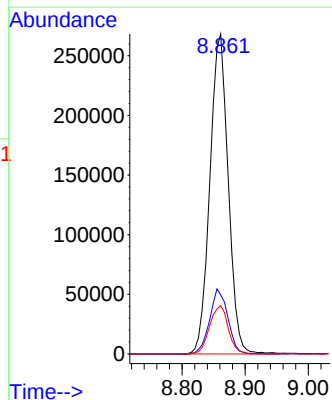
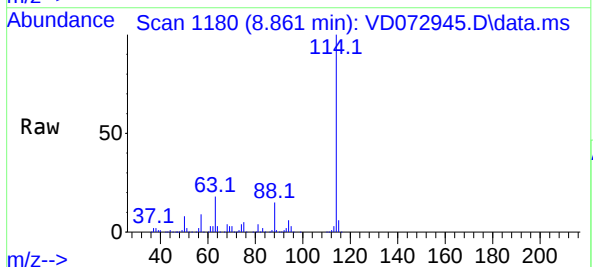
APPROVED

Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

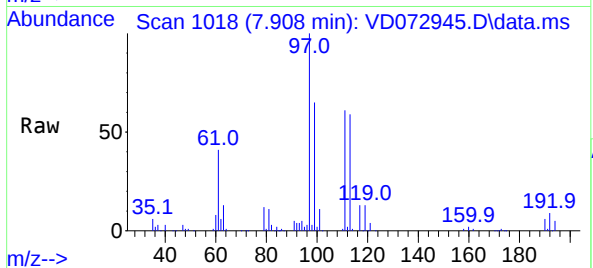
Tgt Ion:114 Resp: 541004
Ion Ratio Lower Upper
114 100
63 18.4 0.0 46.6
88 15.1 0.0 33.2





#35
Dibromofluoromethane
Concen: 50.477 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

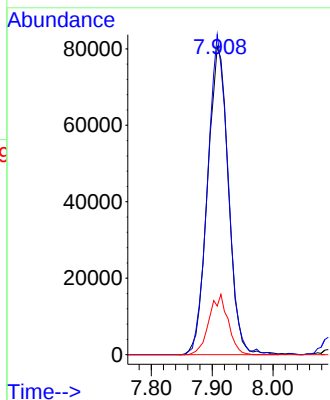
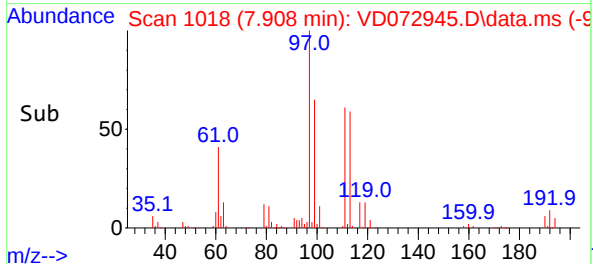
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



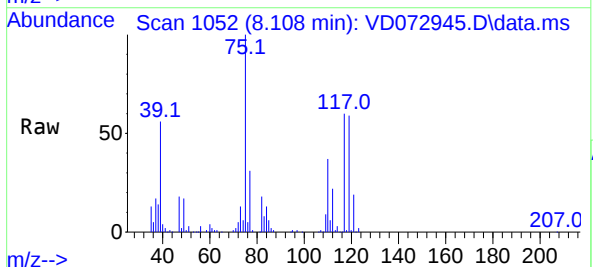
Tgt Ion: 113 Resp: 191788
Ion Ratio Lower Upper
113 100
111 101.8 83.8 125.6
192 17.9 14.6 21.8

Manual Integrations
APPROVED

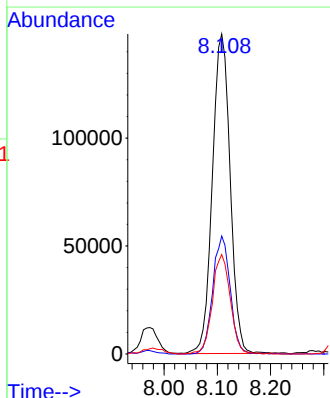
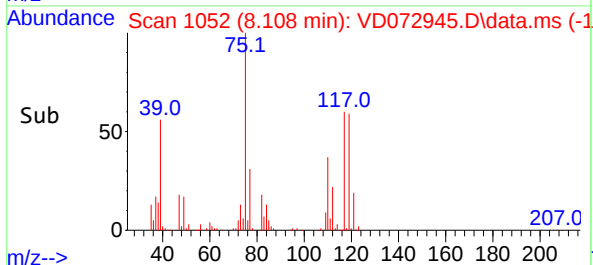
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

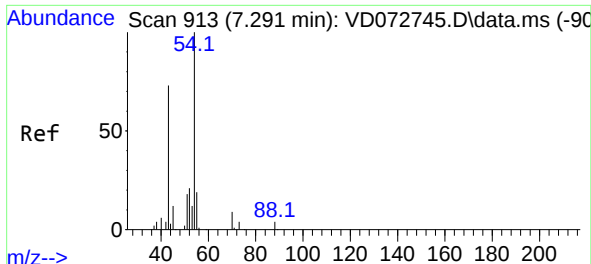


#36
1,1-Dichloropropene
Concen: 55.707 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.001 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32



Tgt Ion: 75 Resp: 344167
Ion Ratio Lower Upper
75 100
110 35.9 16.4 49.1
77 31.3 24.2 36.2





#37

Ethyl Acetate

Concen: 47.276 ug/l

RT: 7.285 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD072945.D

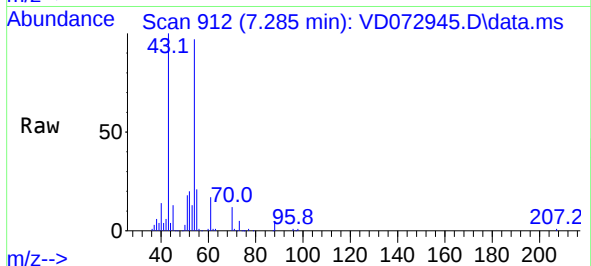
Acq: 12 May 2022 13:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



Tgt Ion: 43 Resp: 134269

Ion Ratio Lower Upper

43 100

61 13.5 9.8 14.8

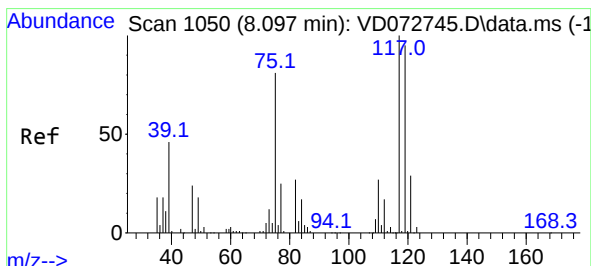
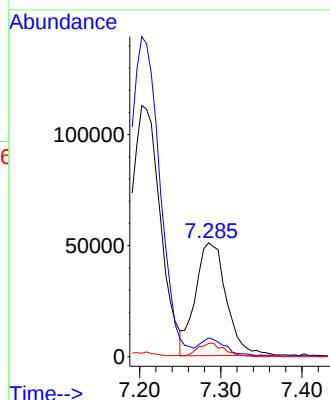
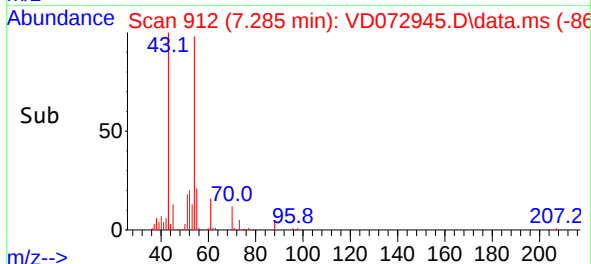
70 10.5 6.9 10.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#38

Carbon Tetrachloride

Concen: 56.471 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.006 min

Lab File: VD072945.D

Acq: 12 May 2022 13:32

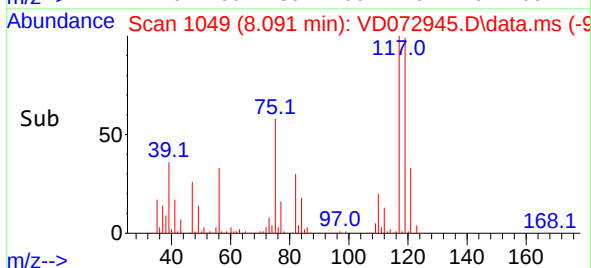
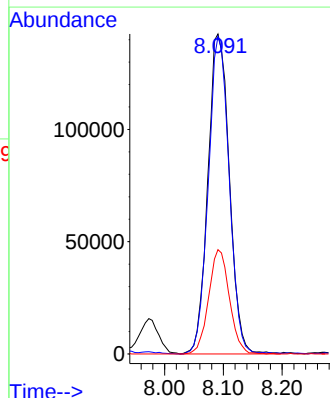
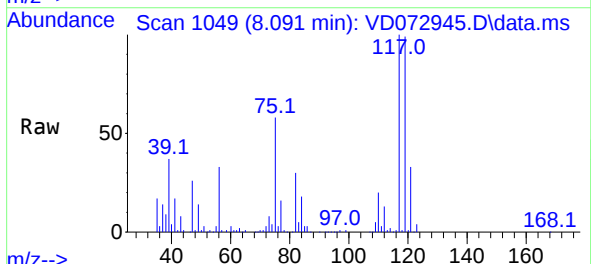
Tgt Ion:117 Resp: 362165

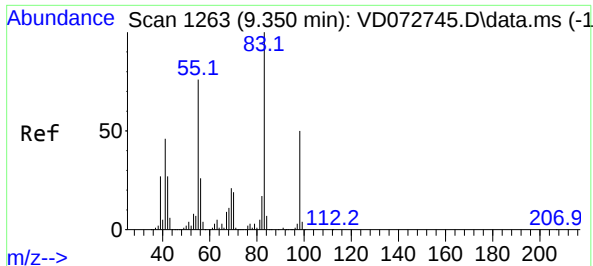
Ion Ratio Lower Upper

117 100

119 99.2 75.8 113.6

121 32.6 24.5 36.7





#39

Methylcyclohexane

Concen: 56.111 ug/l

RT: 9.349 min Scan# 1092

Delta R.T. -0.001 min

Lab File: VD072945.D

Acq: 12 May 2022 13:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 402100

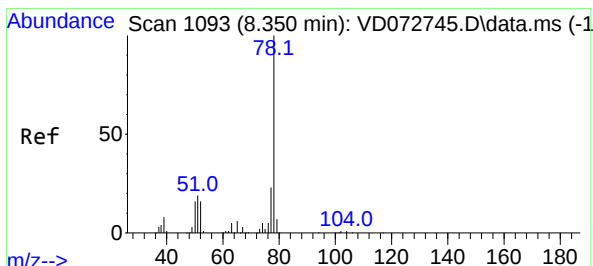
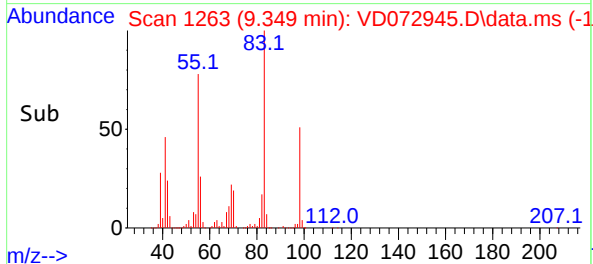
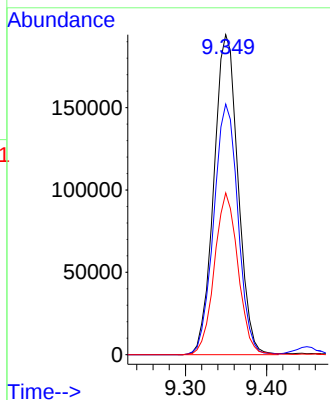
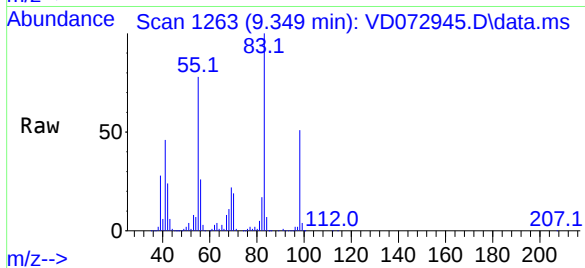
Ion	Ratio	Lower	Upper
83	100		
55	78.3	63.2	94.8
98	50.6	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#40

Benzene

Concen: 54.134 ug/l

RT: 8.344 min Scan# 1092

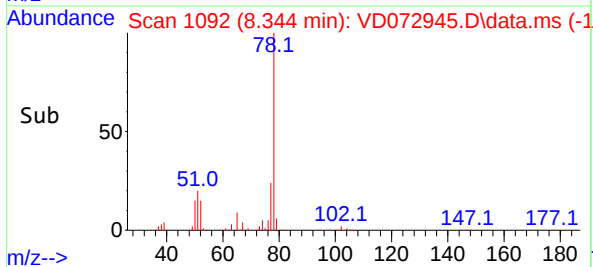
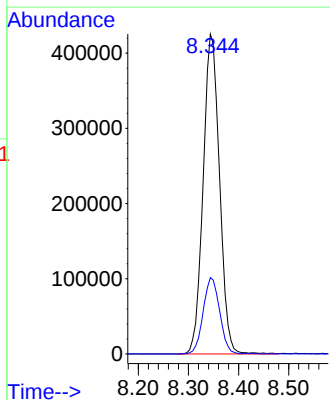
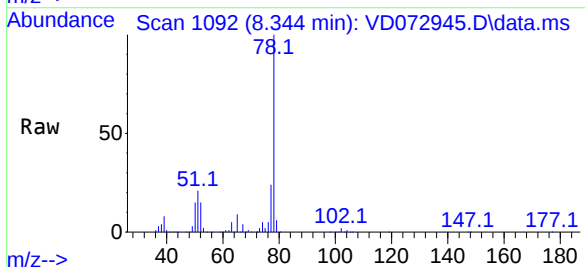
Delta R.T. -0.006 min

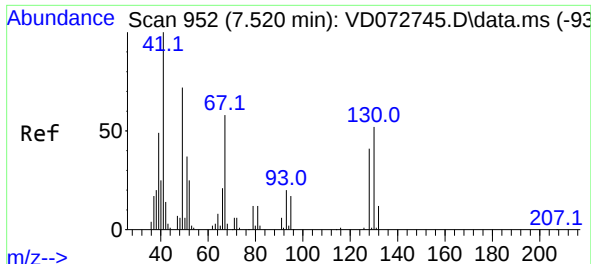
Lab File: VD072945.D

Acq: 12 May 2022 13:32

Tgt Ion: 78 Resp: 965830

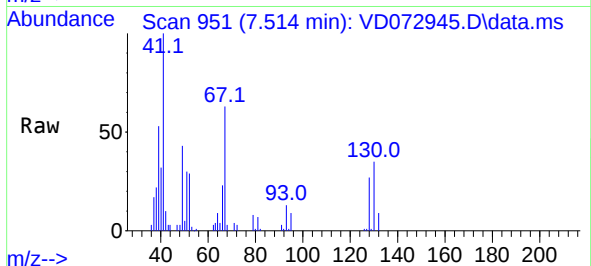
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.1	28.7





#41
Methacrylonitrile
Concen: 46.921 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

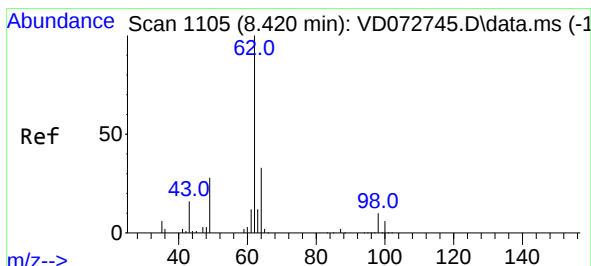
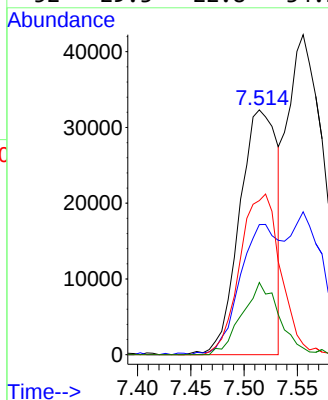
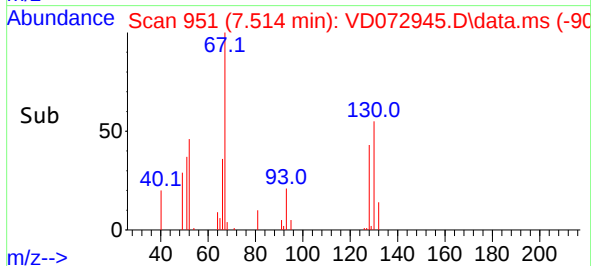
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 79349
Ion Ratio Lower Upper
41 100
39 59.7 44.6 67.0
67 71.6 48.2 72.4
52 29.3 22.8 34.2

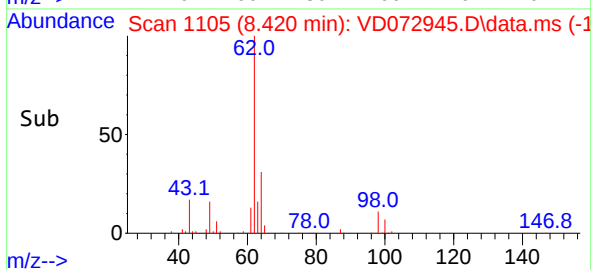
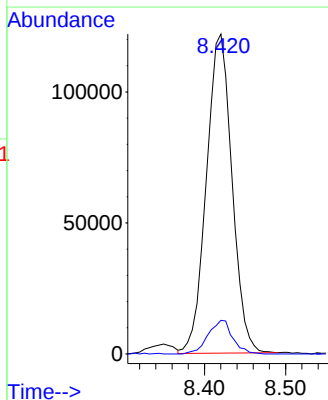
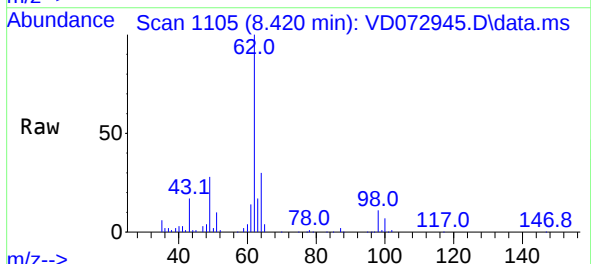
Manual Integrations
APPROVED

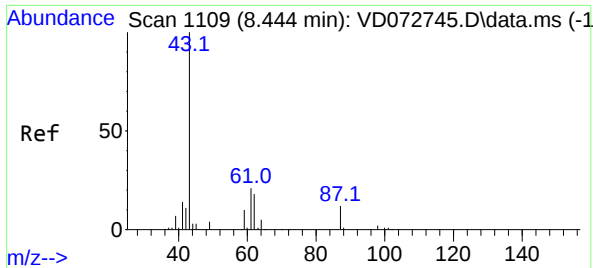
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#42
1,2-Dichloroethane
Concen: 49.697 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

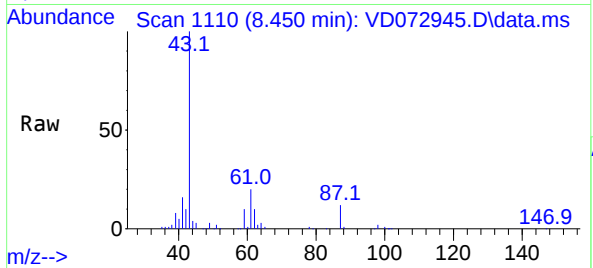
Tgt Ion: 62 Resp: 267192
Ion Ratio Lower Upper
62 100
98 10.1 0.0 17.6





#43
Isopropyl Acetate
Concen: 48.442 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

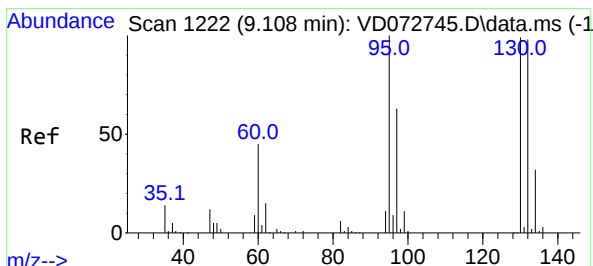
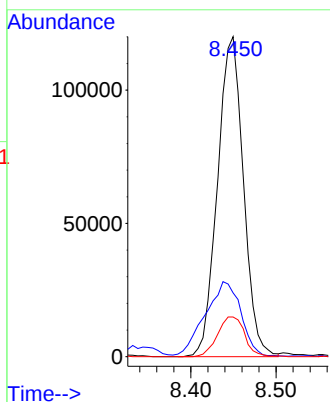
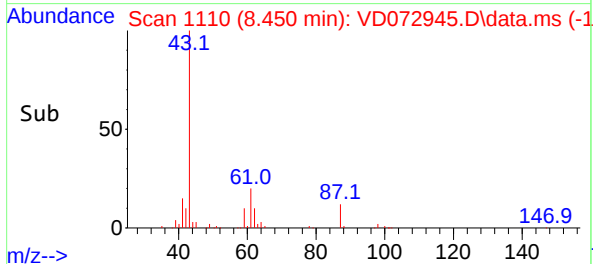
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 253930
Ion Ratio Lower Upper
43 100
61 32.0 22.4 33.6
87 13.1 8.7 13.1

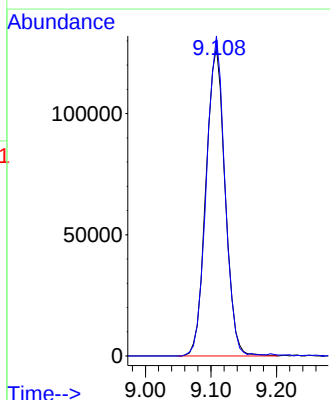
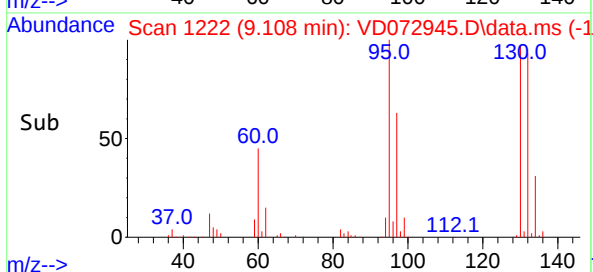
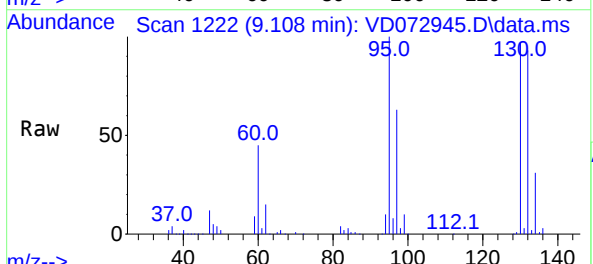
Manual Integrations
APPROVED

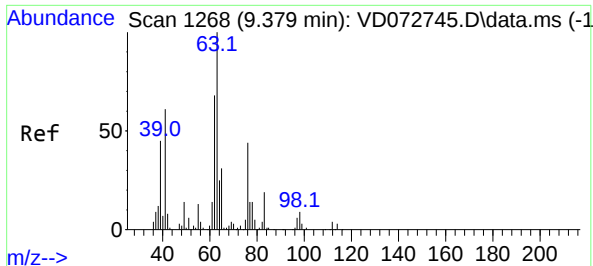
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#44
Trichloroethene
Concen: 53.968 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

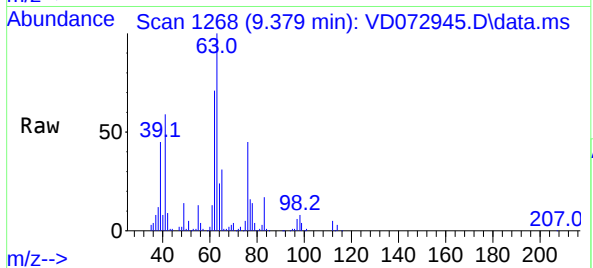
Tgt Ion:130 Resp: 257599
Ion Ratio Lower Upper
130 100
95 103.6 0.0 205.4





#45
1,2-Dichloropropane
Concen: 52.559 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

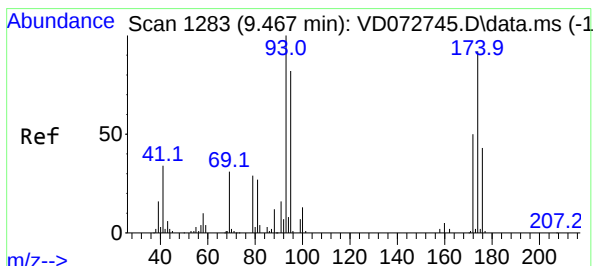
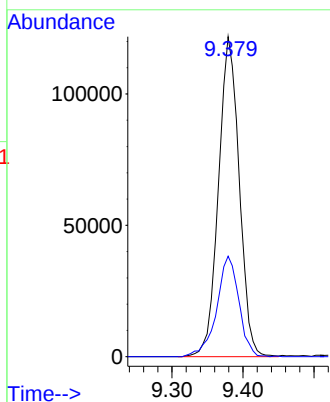
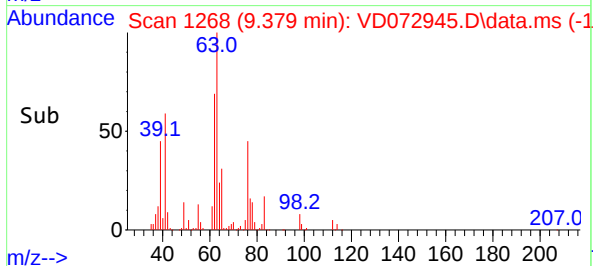
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



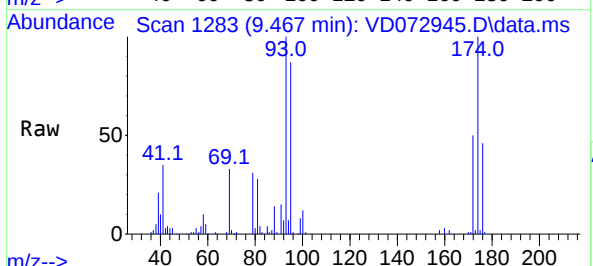
Tgt Ion: 63 Resp: 246268
Ion Ratio Lower Upper
63 100
65 31.4 26.2 39.4

Manual Integrations
APPROVED

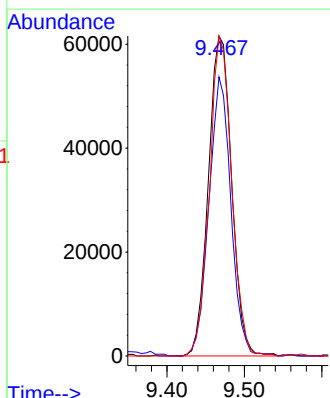
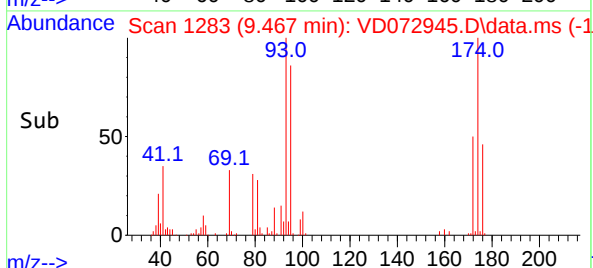
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

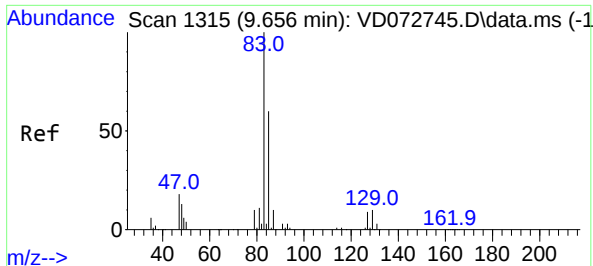


#46
Dibromomethane
Concen: 49.681 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32



Tgt Ion: 93 Resp: 128407
Ion Ratio Lower Upper
93 100
95 82.5 66.7 100.1
174 95.9 71.6 107.4





#47

Bromodichloromethane

Concen: 51.912 ug/l

RT: 9.649 min Scan# 11

Delta R.T. -0.007 min

Lab File: VD072945.D

Acq: 12 May 2022 13:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 34516

Ion Ratio Lower Upper

83 100

85 62.9 51.4 77.0

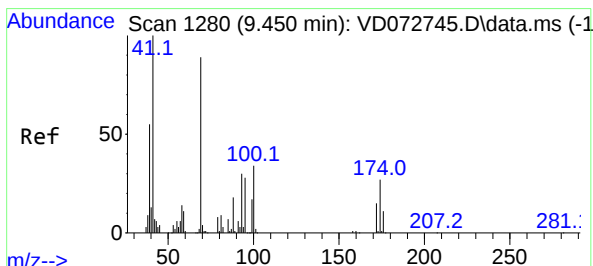
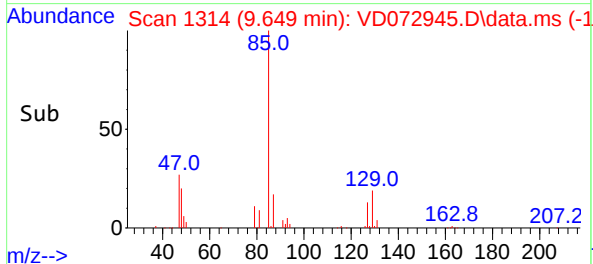
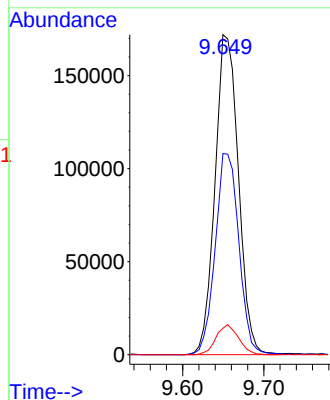
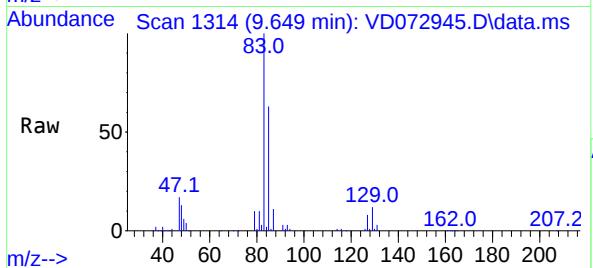
127 8.2 6.1 9.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#48

Methyl methacrylate

Concen: 51.028 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. -0.001 min

Lab File: VD072945.D

Acq: 12 May 2022 13:32

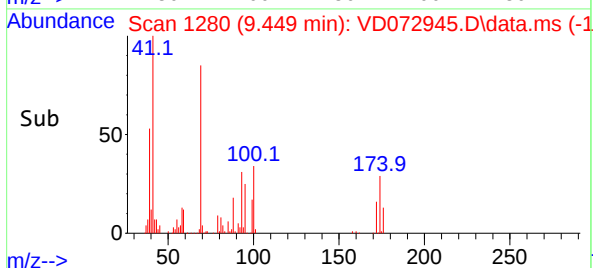
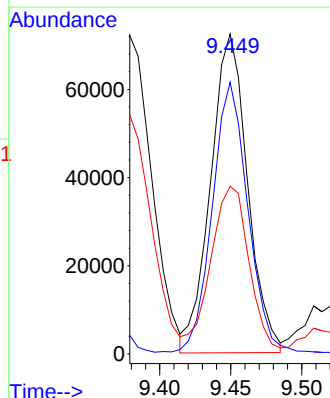
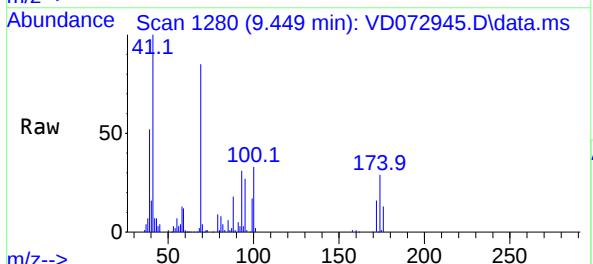
Tgt Ion: 41 Resp: 130859

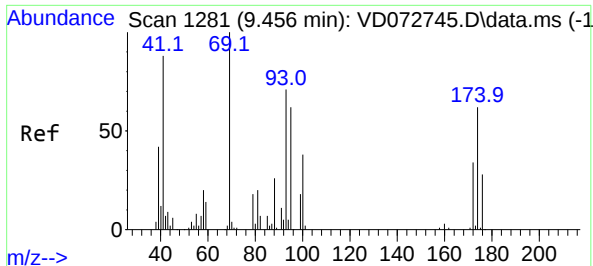
Ion Ratio Lower Upper

41 100

69 82.0 56.7 85.1

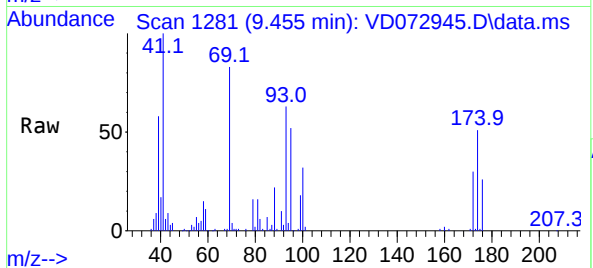
39 50.9 42.7 64.1





#49
1,4-Dioxane
Concen: 1008.279 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.001 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

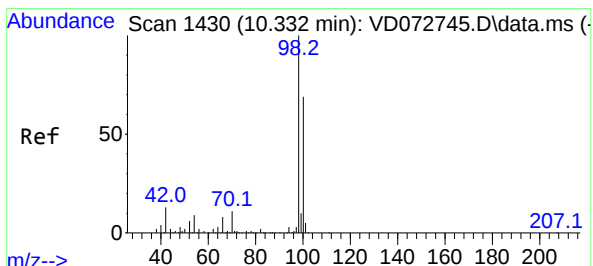
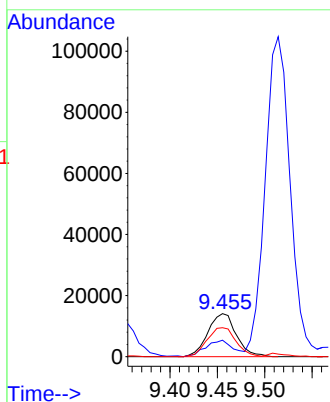
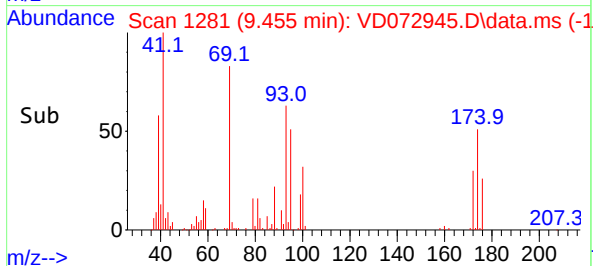
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 29340
Ion Ratio Lower Upper
88 100
43 37.5 31.0 46.4
58 68.6 58.1 87.1

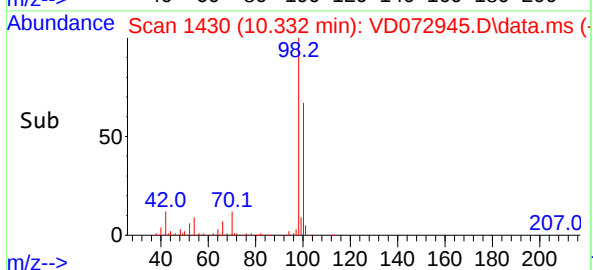
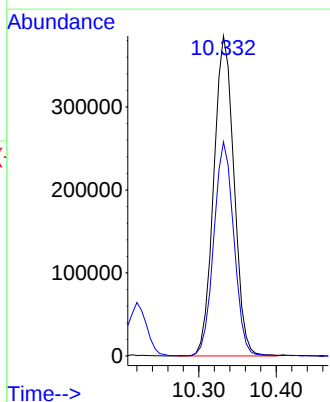
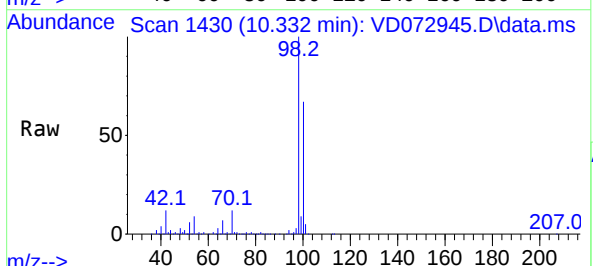
Manual Integrations
APPROVED

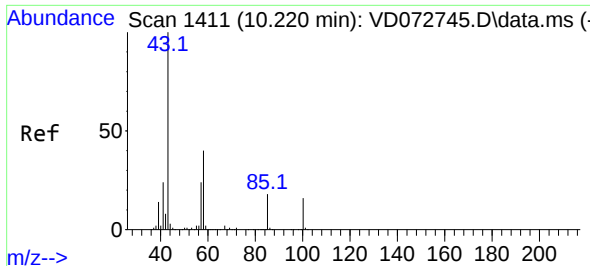
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#50
Toluene-d8
Concen: 51.407 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

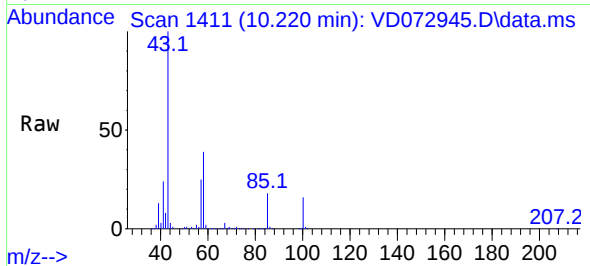
Tgt Ion: 98 Resp: 700643
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 250.193 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

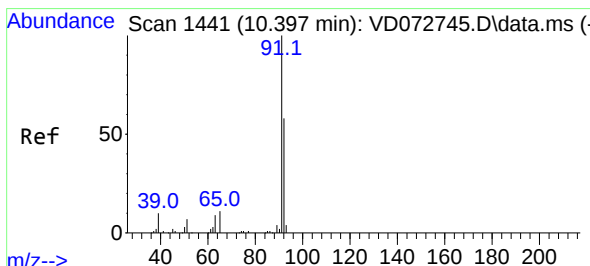
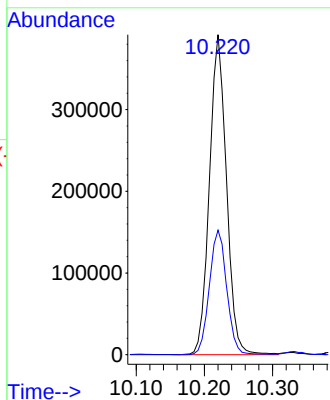
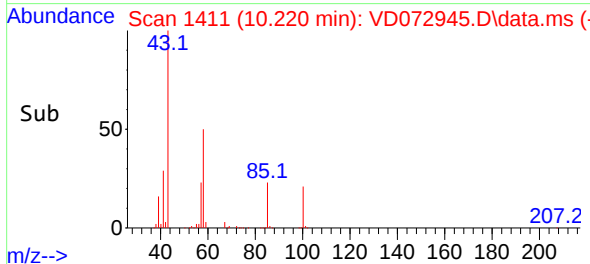
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



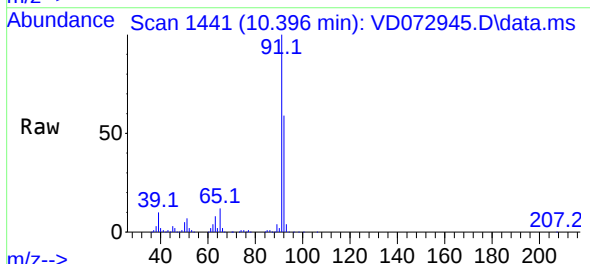
Tgt Ion: 43 Resp: 68151
Ion Ratio Lower Upper
43 100
58 39.7 28.6 43.0

Manual Integrations
APPROVED

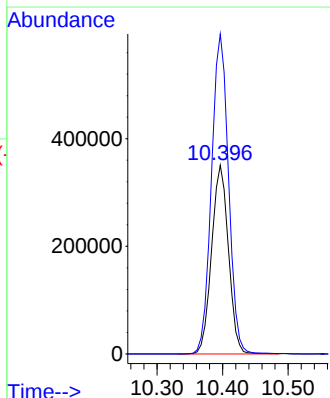
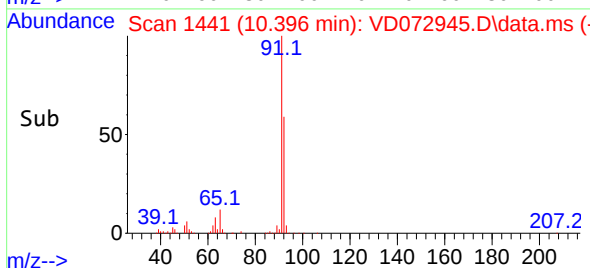
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

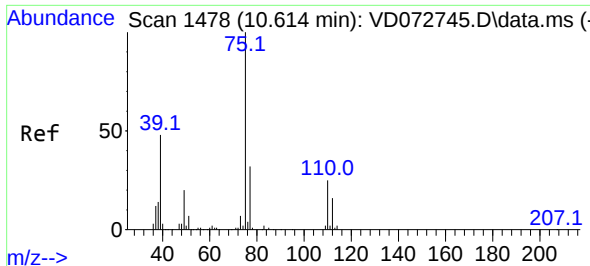


#52
Toluene
Concen: 55.988 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32



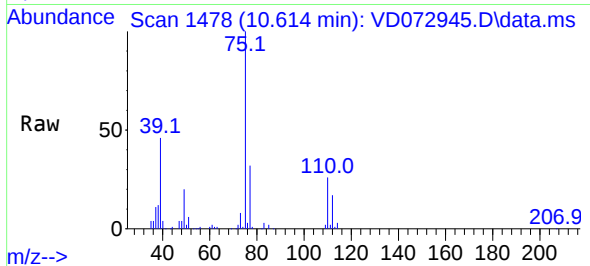
Tgt Ion: 92 Resp: 623113
Ion Ratio Lower Upper
92 100
91 172.2 139.6 209.4





#53
 t-1,3-Dichloropropene
 Concen: 51.714 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD072945.D
 Acq: 12 May 2022 13:32

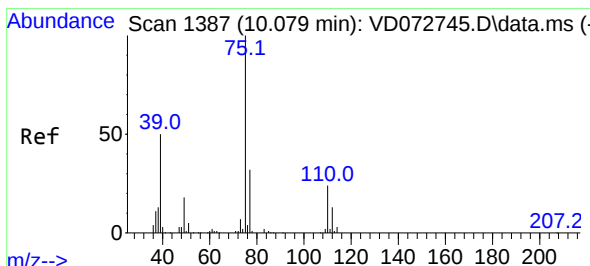
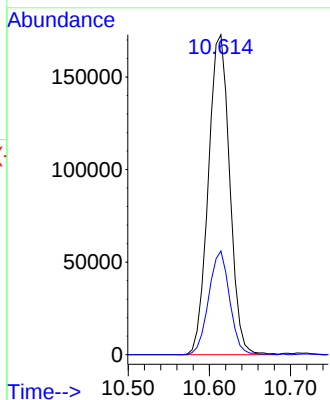
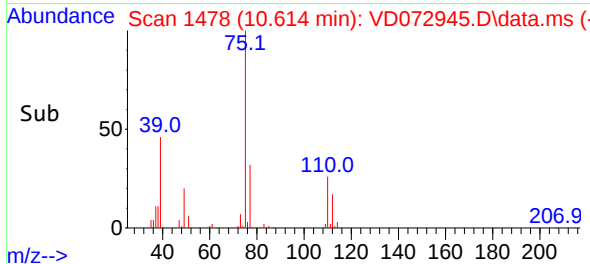
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



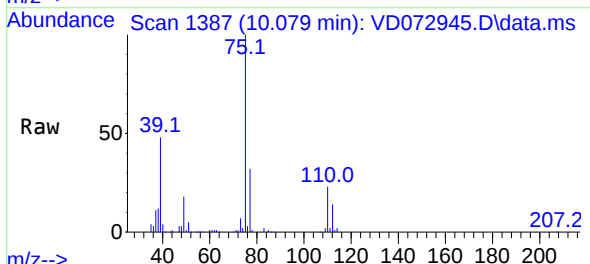
Tgt Ion: 75 Resp: 31583
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.5 36.7

Manual Integrations
 APPROVED

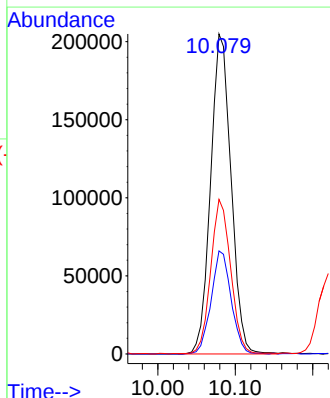
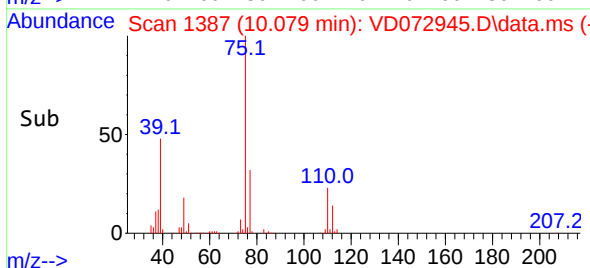
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022

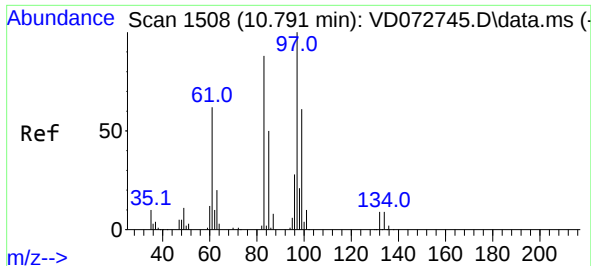


#54
 cis-1,3-Dichloropropene
 Concen: 52.852 ug/l
 RT: 10.079 min Scan# 1387
 Delta R.T. -0.000 min
 Lab File: VD072945.D
 Acq: 12 May 2022 13:32



Tgt Ion: 75 Resp: 375008
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.8 37.2
 39 48.2 46.8 70.2





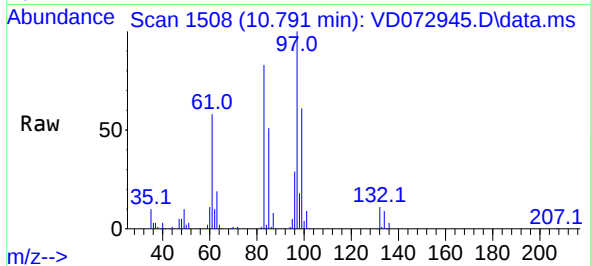
#55
1,1,2-Trichloroethane
Concen: 52.380 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



Tgt Ion: 97 Resp: 18301

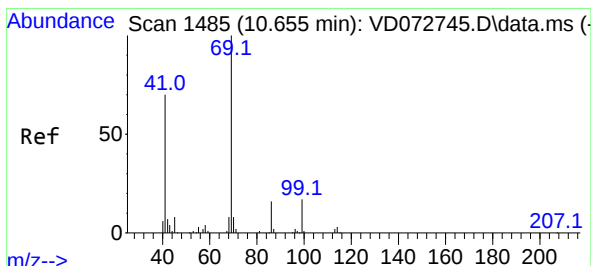
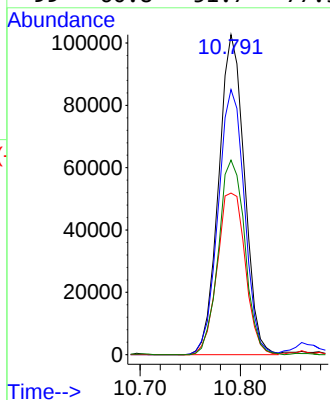
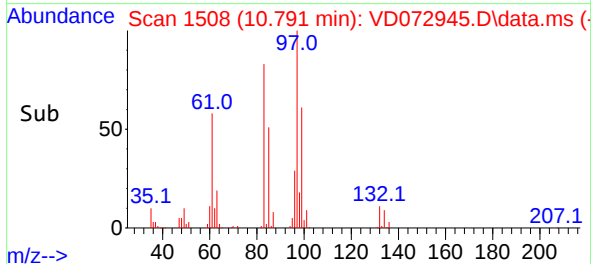
Ion	Ratio	Lower	Upper
97	100		
83	82.9	69.0	103.4
85	50.5	42.6	63.8
99	60.8	51.7	77.5

Manual Integrations

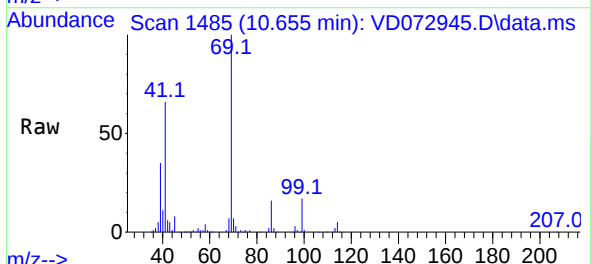
APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022

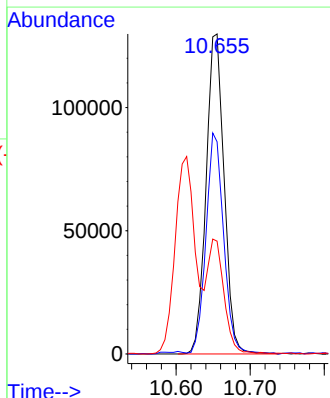
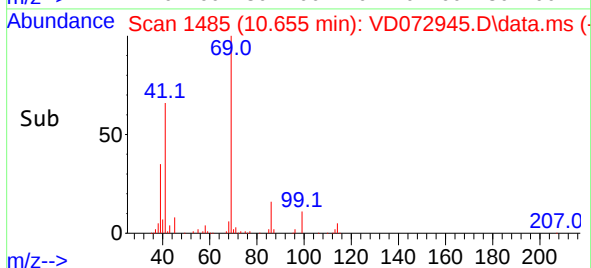


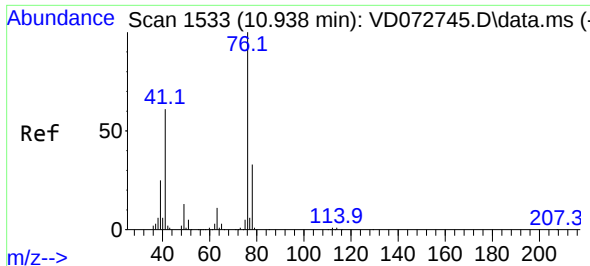
#56
Ethyl methacrylate
Concen: 53.201 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32



Tgt Ion: 69 Resp: 218865

Ion	Ratio	Lower	Upper
69	100		
41	68.4	63.0	94.6
39	31.3	33.8	50.8





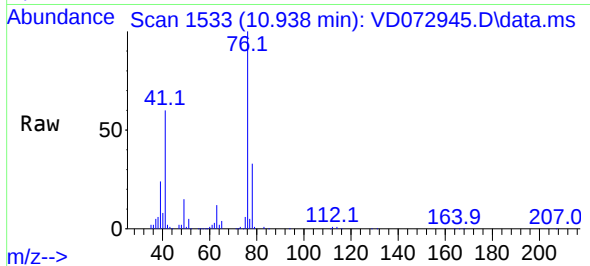
#57
1,3-Dichloropropane
Concen: 50.801 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



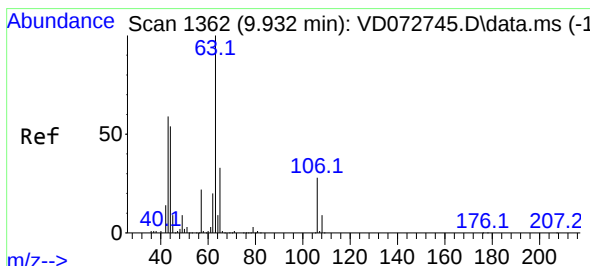
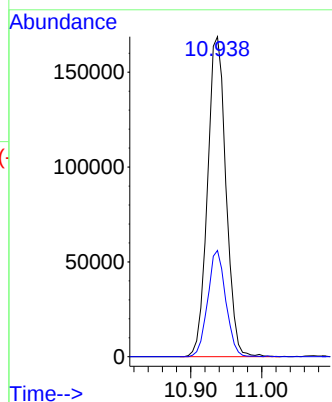
Tgt Ion: 76 Resp: 304602
Ion Ratio Lower Upper
76 100
78 32.4 26.0 39.0

Manual Integrations

APPROVED

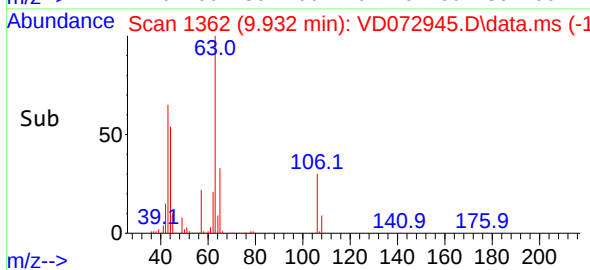
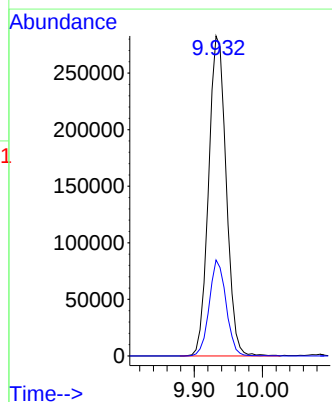
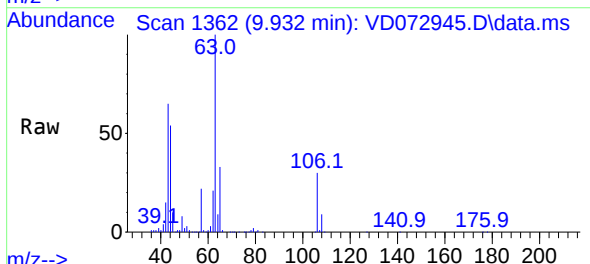
Reviewed By :John Carlone 05/13/2022

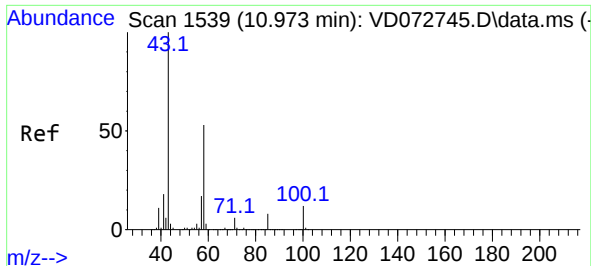
Supervised By :Mahesh Dadoda 05/13/2022



#58
2-Chloroethyl Vinyl ether
Concen: 254.768 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

Tgt Ion: 63 Resp: 508155
Ion Ratio Lower Upper
63 100
106 28.6 21.4 32.0





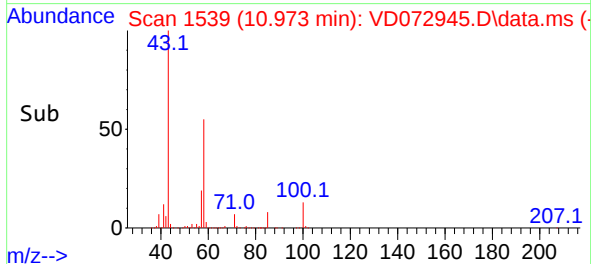
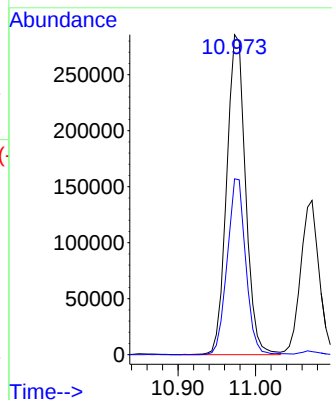
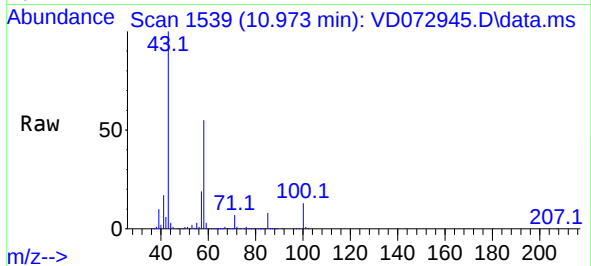
#59
2-Hexanone
Concen: 264.639 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 48505
Ion Ratio Lower Upper
43 100
58 53.9 25.3 75.9

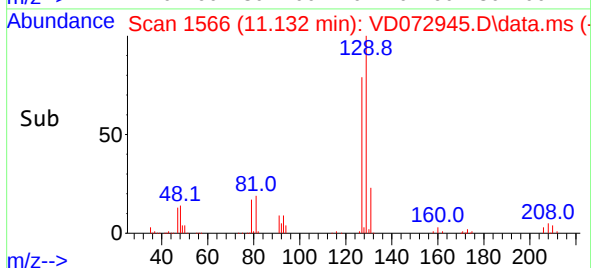
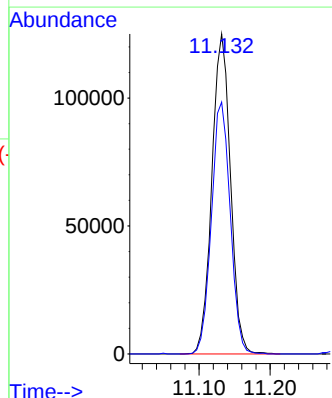
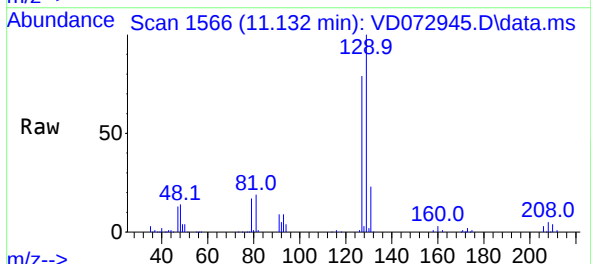
Manual Integrations
APPROVED

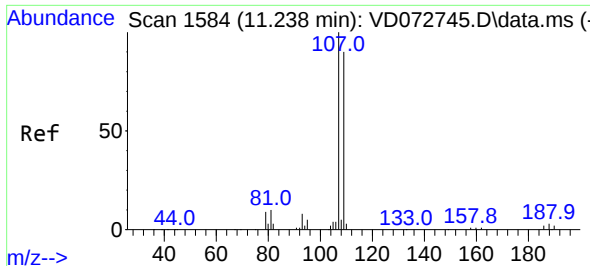
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#60
Dibromochloromethane
Concen: 51.627 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

Tgt Ion:129 Resp: 227082
Ion Ratio Lower Upper
129 100
127 79.6 39.2 117.6





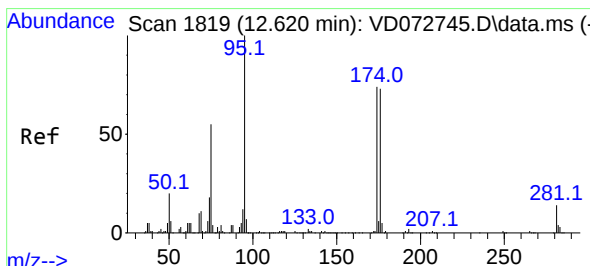
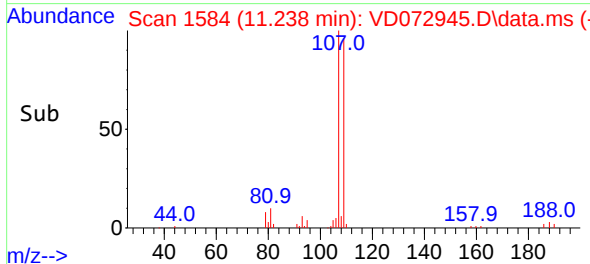
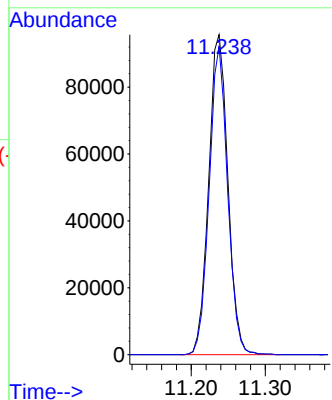
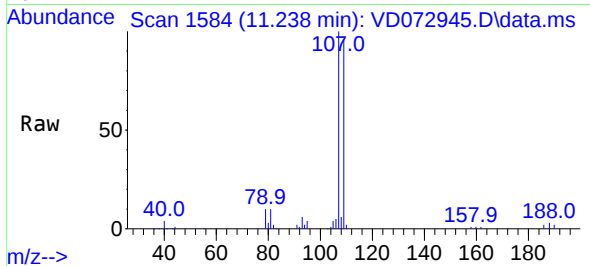
#61
1,2-Dibromoethane
Concen: 50.554 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 17192
Ion Ratio Lower Upper
107 100
109 92.5 74.2 111.4

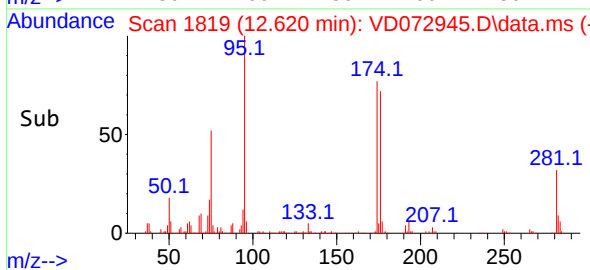
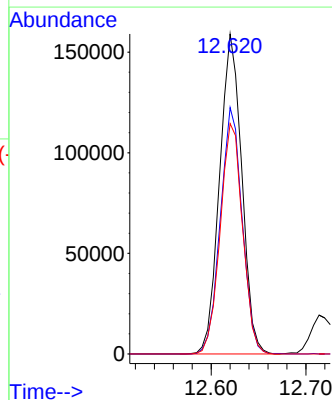
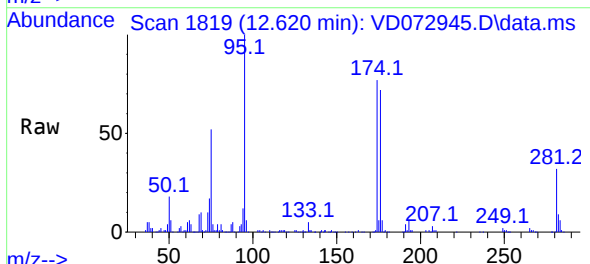
Manual Integrations
APPROVED

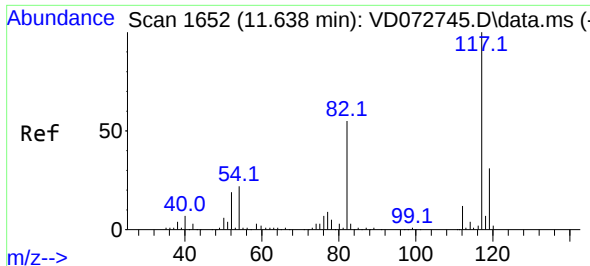
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#62
4-Bromofluorobenzene
Concen: 50.857 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

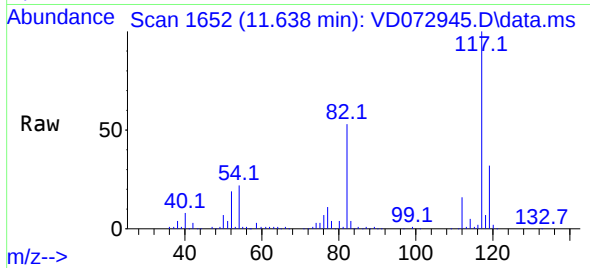
Tgt Ion: 95 Resp: 258455
Ion Ratio Lower Upper
95 100
174 76.0 0.0 152.8
176 72.6 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

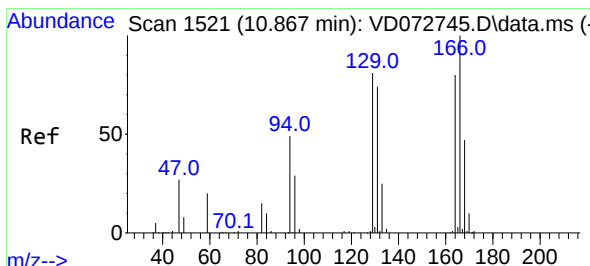
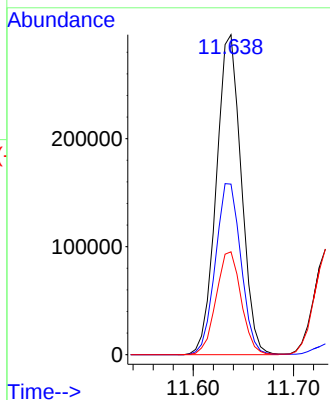
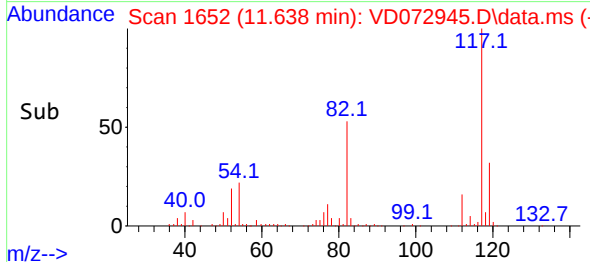
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



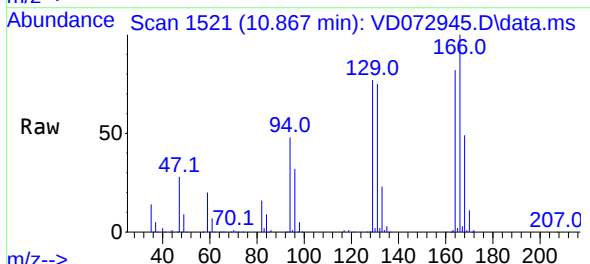
Tgt Ion:117 Resp: 511398
Ion Ratio Lower Upper
117 100
82 53.3 45.3 67.9
119 32.1 26.6 40.0

Manual Integrations
APPROVED

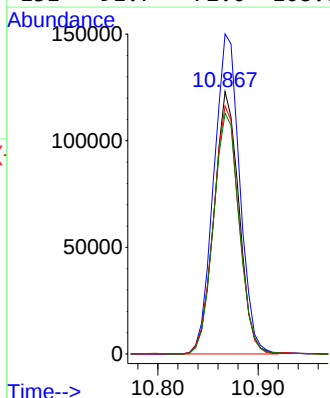
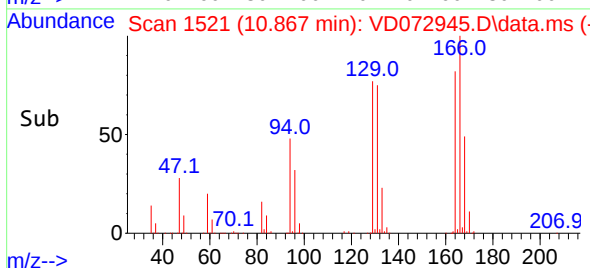
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

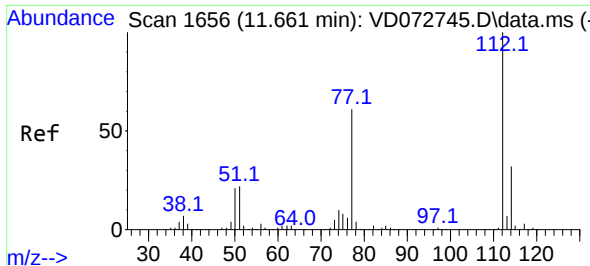


#64
Tetrachloroethene
Concen: 56.684 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32



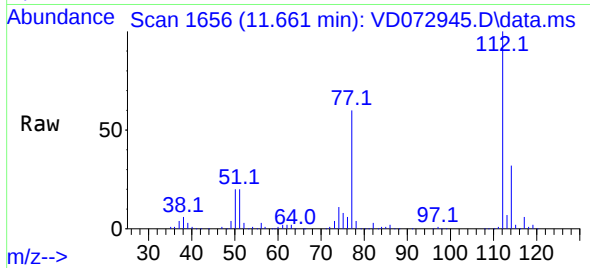
Tgt Ion:164 Resp: 211939
Ion Ratio Lower Upper
164 100
166 121.9 98.5 147.7
129 94.5 74.6 111.8
131 91.7 72.0 108.0





#65
Chlorobenzene
Concen: 55.155 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

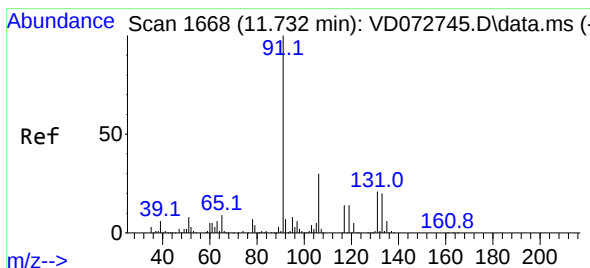
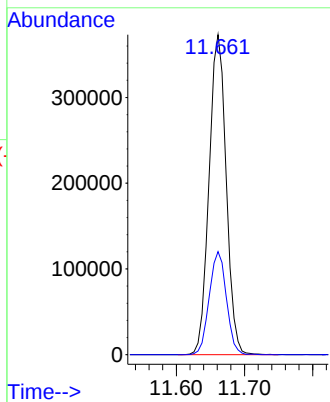
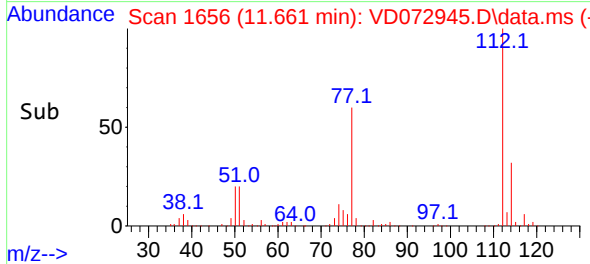
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



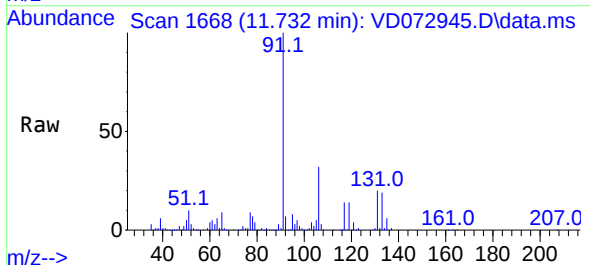
Tgt Ion:112 Resp: 652390
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6

Manual Integrations
APPROVED

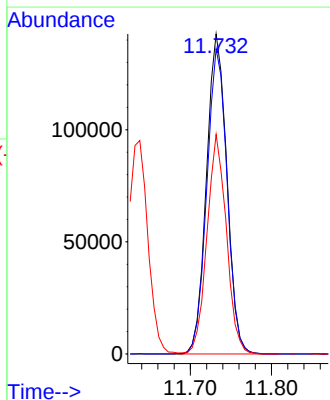
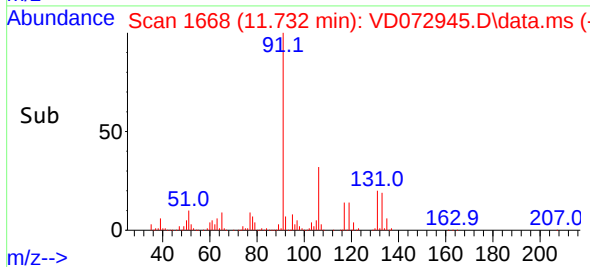
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

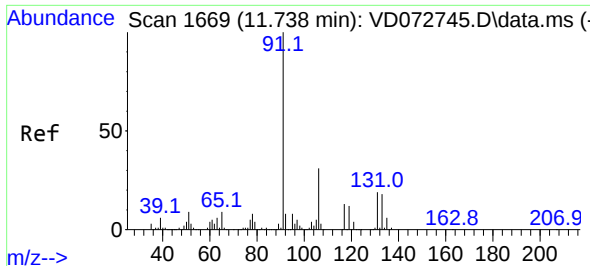


#66
1,1,1,2-Tetrachloroethane
Concen: 55.837 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32



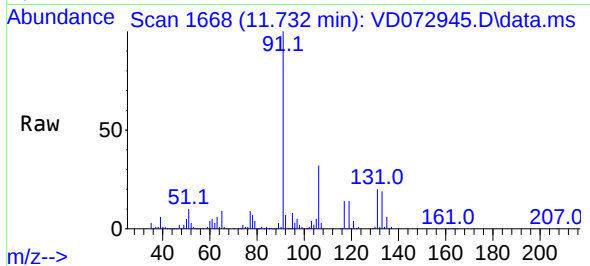
Tgt Ion:131 Resp: 248213
Ion Ratio Lower Upper
131 100
133 95.2 48.1 144.3
119 65.5 31.9 95.9





#67
Ethyl Benzene
Concen: 58.887 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

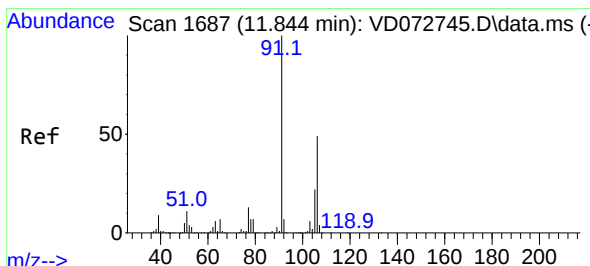
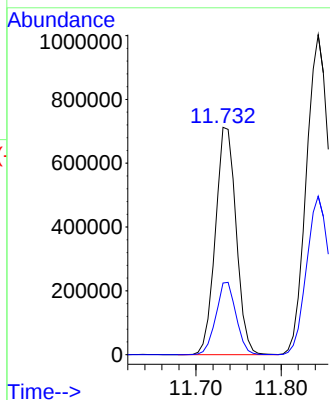
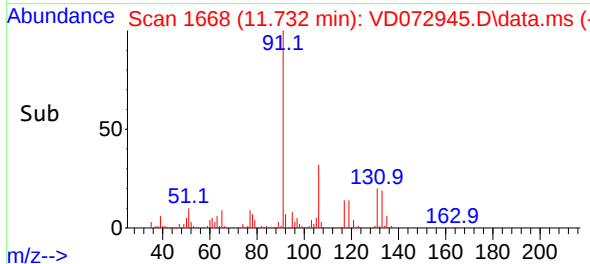
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



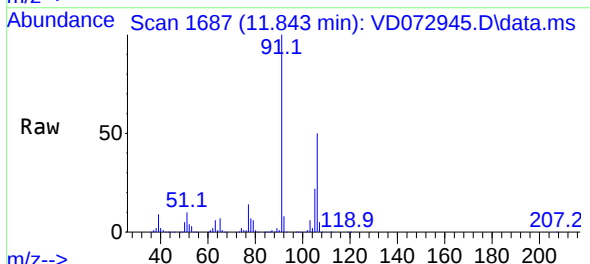
Tgt Ion: 91 Resp: 1205438
Ion Ratio Lower Upper
91 100
106 31.5 24.2 36.4

Manual Integrations
APPROVED

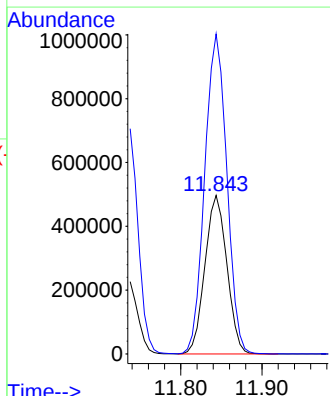
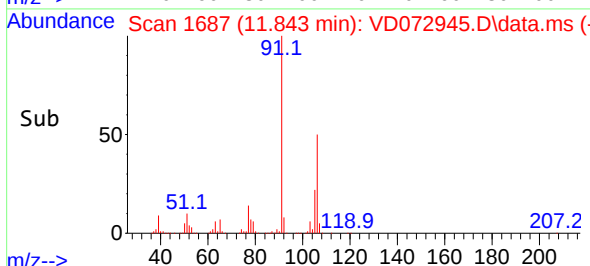
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

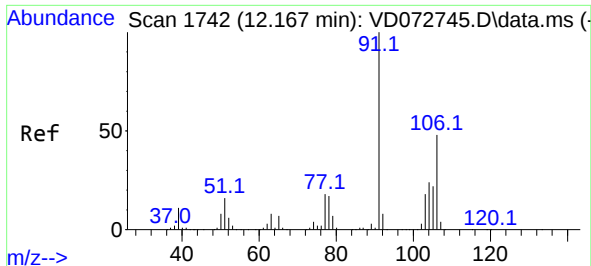


#68
m/p-Xylenes
Concen: 118.330 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.001 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32



Tgt Ion:106 Resp: 933059
Ion Ratio Lower Upper
106 100
91 202.7 163.7 245.5





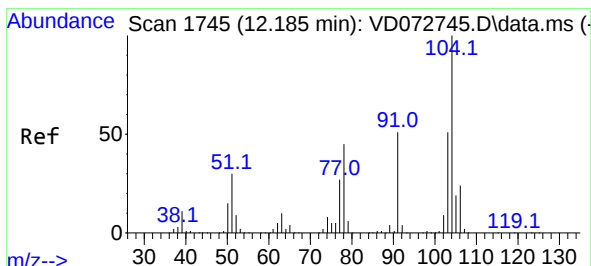
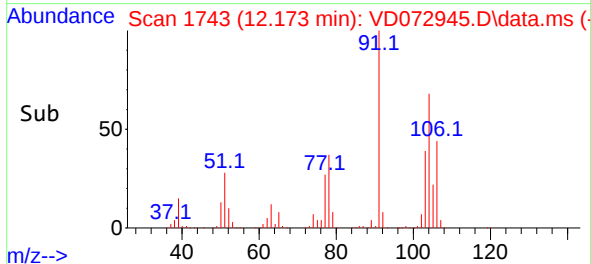
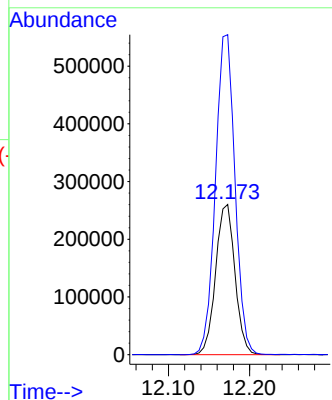
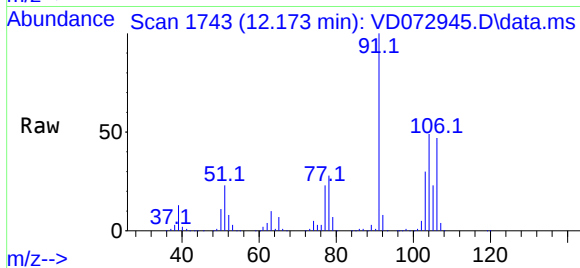
#69
o-Xylene
Concen: 58.421 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 430227
Ion Ratio Lower Upper
106 100
91 215.9 110.4 331.2

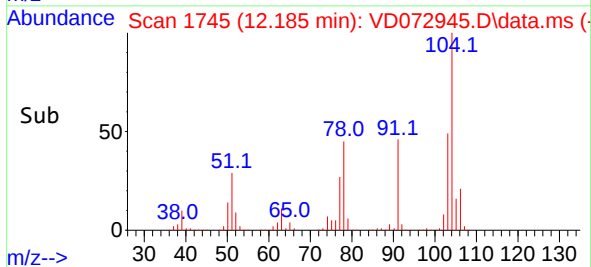
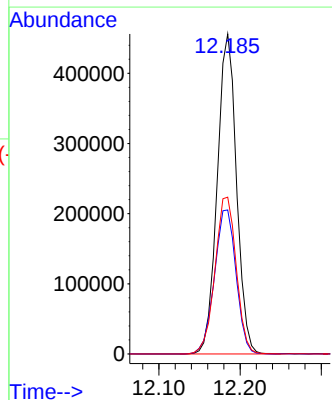
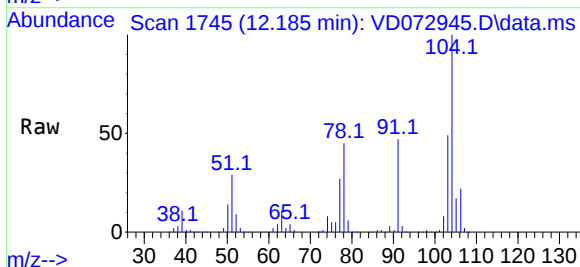
Manual Integrations
APPROVED

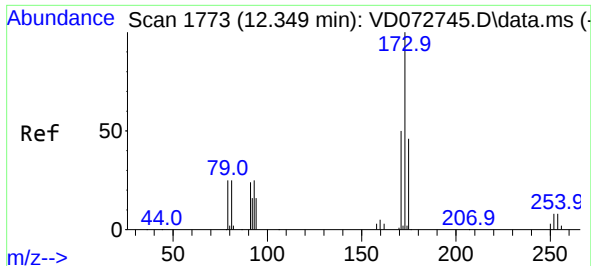
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#70
Styrene
Concen: 59.055 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

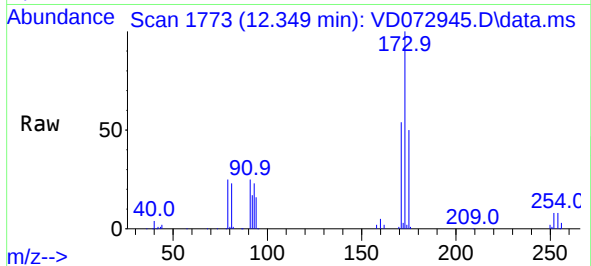
Tgt Ion:104 Resp: 753507
Ion Ratio Lower Upper
104 100
78 50.4 41.8 62.8
103 54.0 44.2 66.4





#71
Bromoform
Concen: 52.521 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

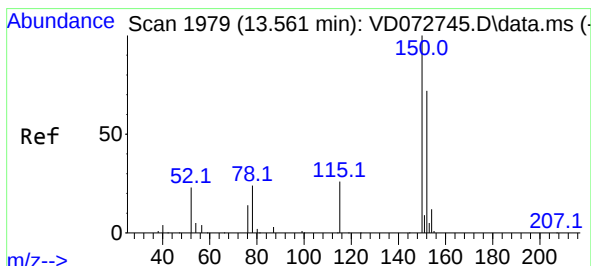
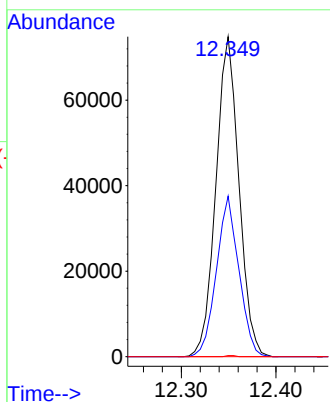
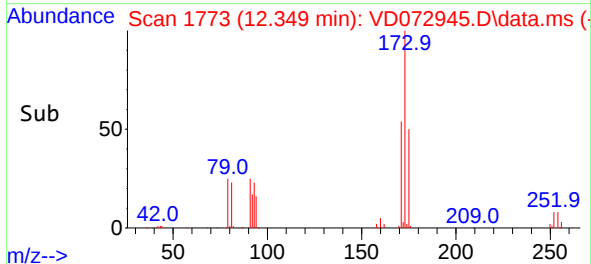
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



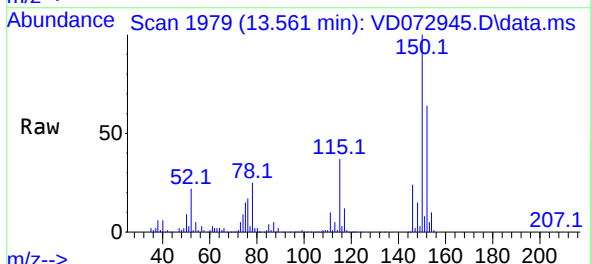
Tgt Ion:173 Resp: 126533
Ion Ratio Lower Upper
173 100
175 49.0 23.9 71.8
254 0.1 0.0 0.0

Manual Integrations
APPROVED

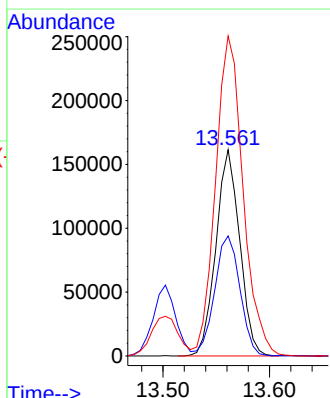
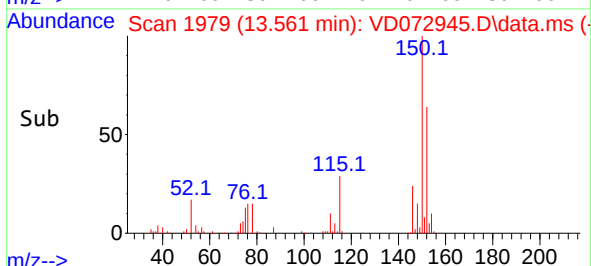
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

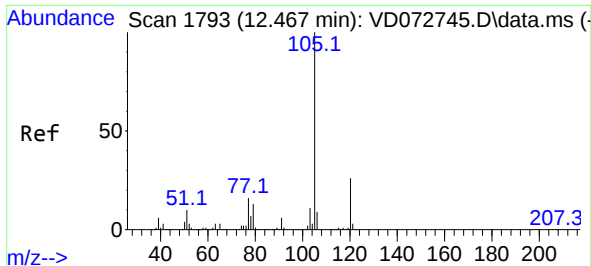


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32



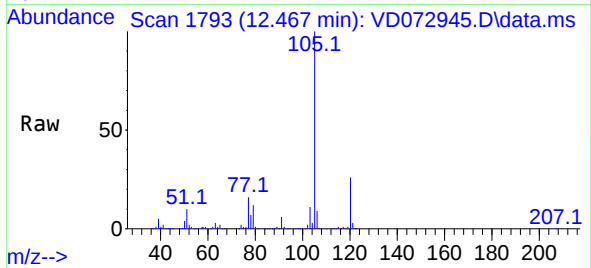
Tgt Ion:152 Resp: 250196
Ion Ratio Lower Upper
152 100
115 62.1 31.3 93.8
150 179.9 0.0 348.6





#73
Isopropylbenzene
Concen: 60.946 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

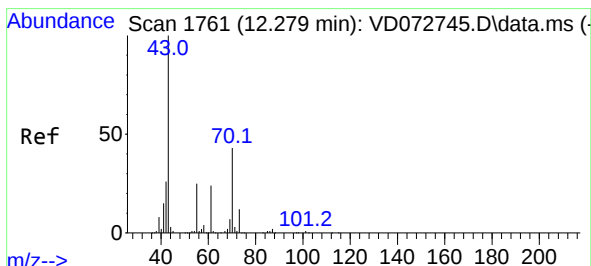
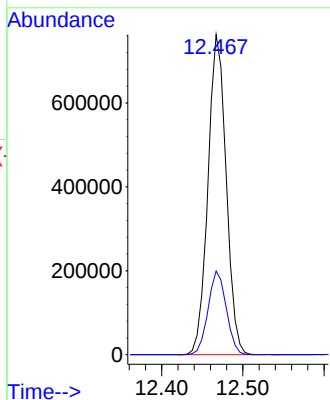
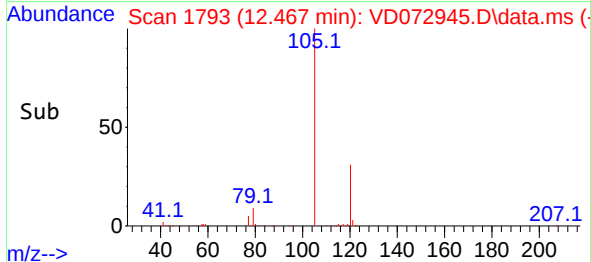
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 1186370
Ion Ratio Lower Upper
105 100
120 26.1 13.0 38.9

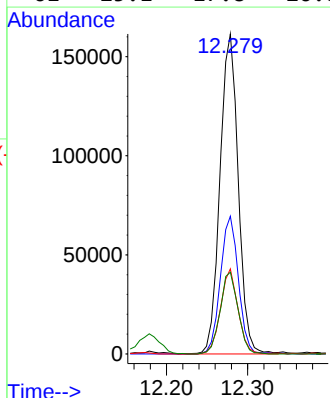
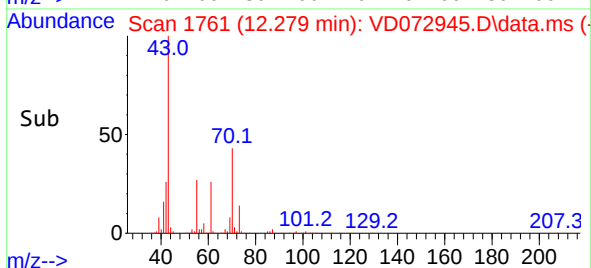
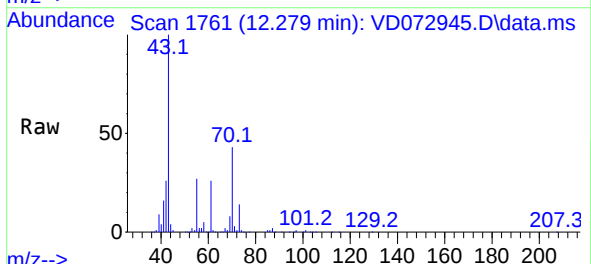
Manual Integrations
APPROVED

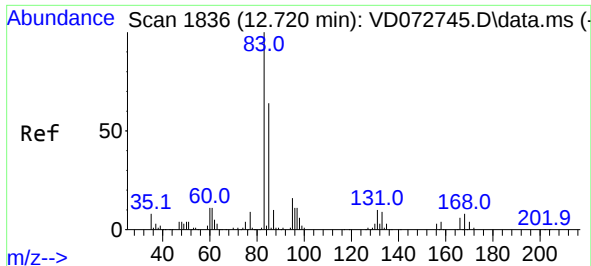
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#74
N-ethyl acetate
Concen: 52.194 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

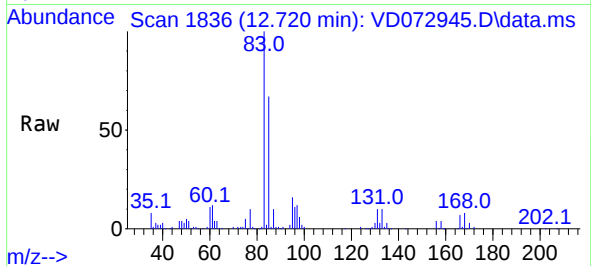
Tgt Ion: 43 Resp: 253016
Ion Ratio Lower Upper
43 100
70 42.5 31.3 46.9
55 25.6 20.0 30.0
61 25.1 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 51.033 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

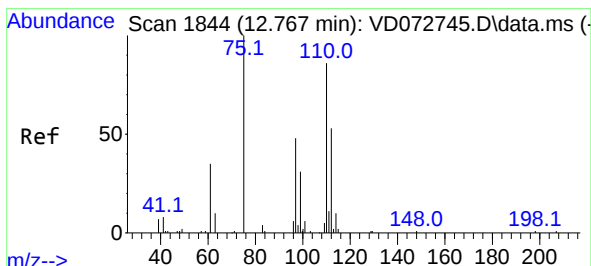
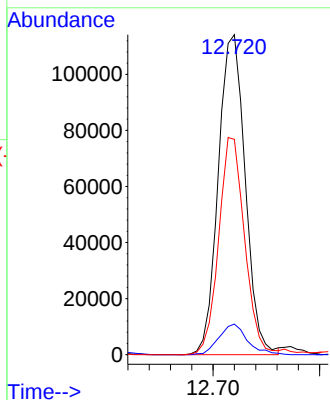
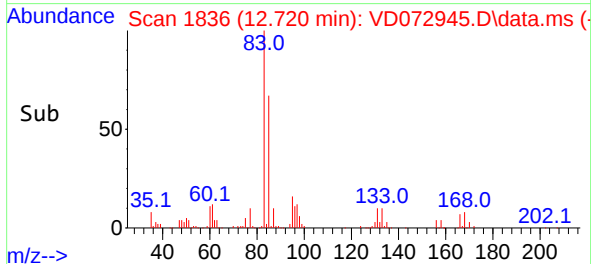
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



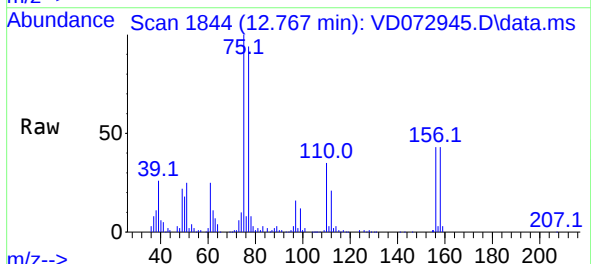
Tgt Ion: 83 Resp: 200531
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 66.3 32.6 98.0

Manual Integrations
APPROVED

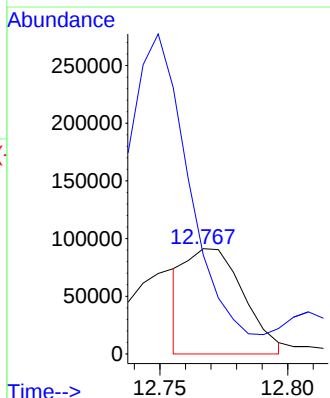
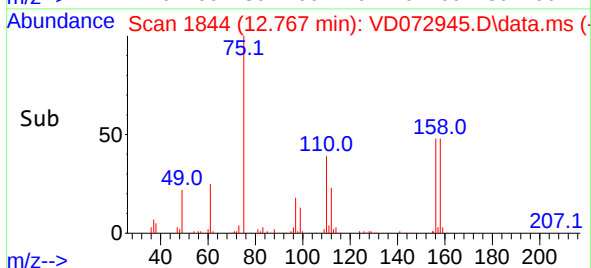
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#76
1,2,3-Trichloropropane
Concen: 51.596 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32



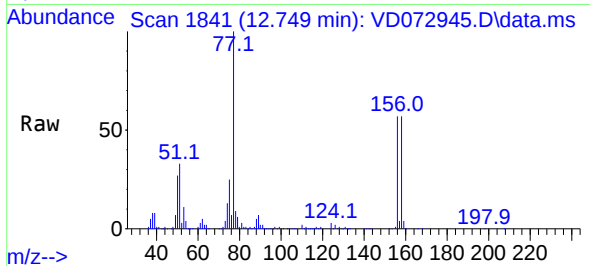
Tgt Ion: 75 Resp: 143944
Ion Ratio Lower Upper
75 100
77 349.0 0.0 0.0#





#77
Bromobenzene
Concen: 55.345 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

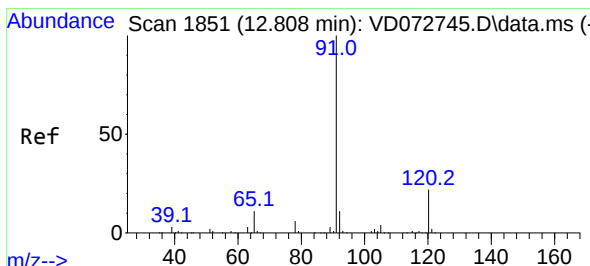
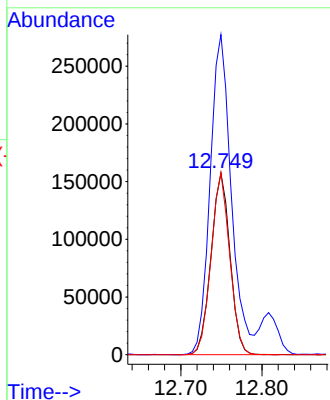
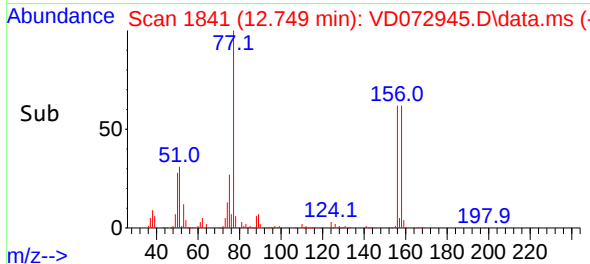
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



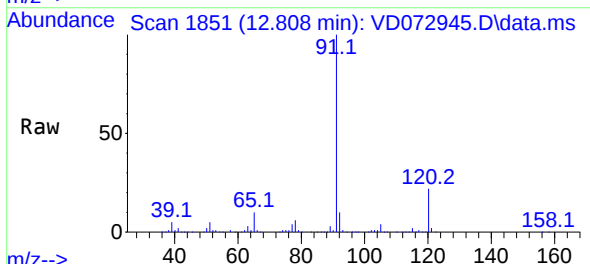
Tgt Ion: 156 Resp: 255828
Ion Ratio Lower Upper
156 100
77 196.4 102.8 308.3
158 98.1 48.7 146.1

Manual Integrations
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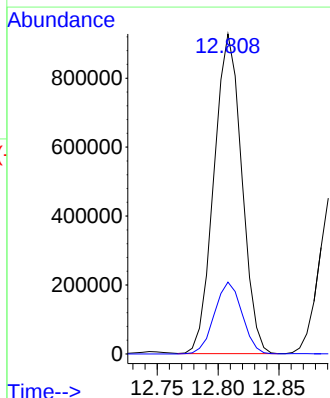
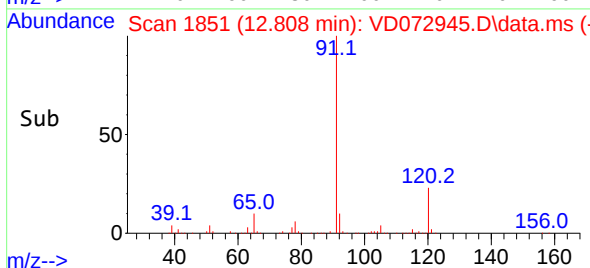
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

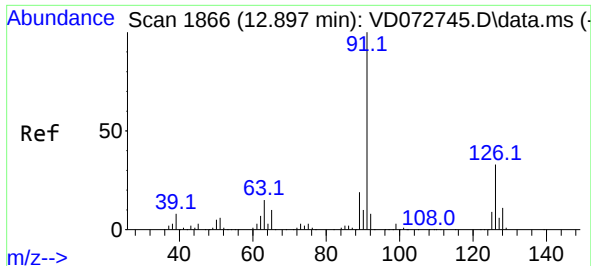


#78
n-propylbenzene
Concen: 60.080 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32



Tgt Ion: 91 Resp: 1473993
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.9





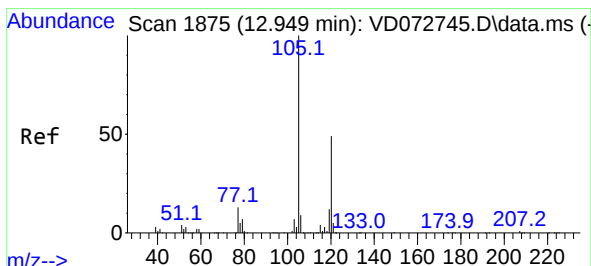
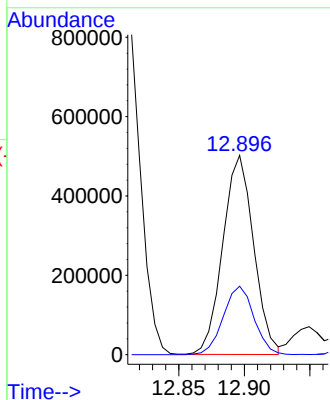
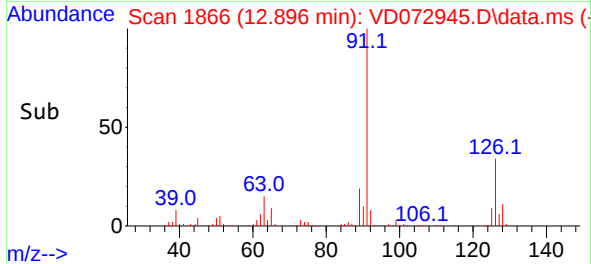
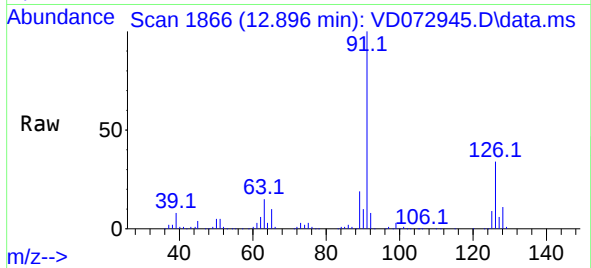
#79
2-Chlorotoluene
Concen: 57.339 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.001 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 82174
Ion Ratio Lower Upper
91 100
126 34.2 16.2 48.6

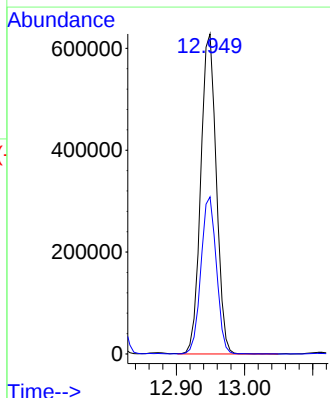
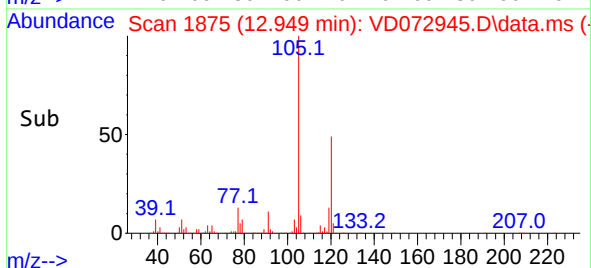
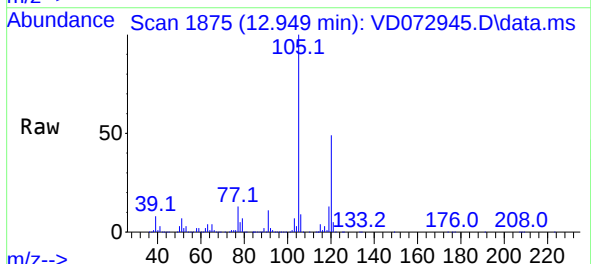
Manual Integrations
APPROVED

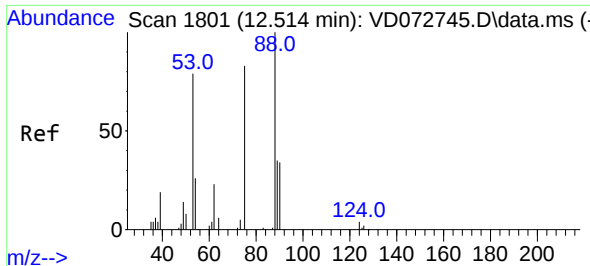
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 60.375 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

Tgt Ion:105 Resp: 996533
Ion Ratio Lower Upper
105 100
120 48.9 24.3 72.8





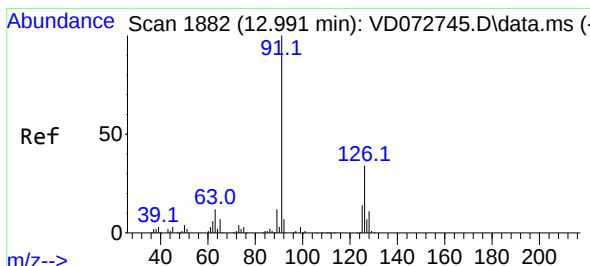
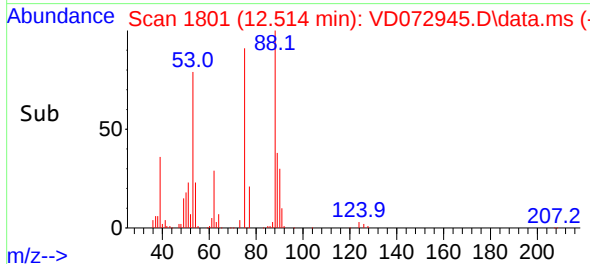
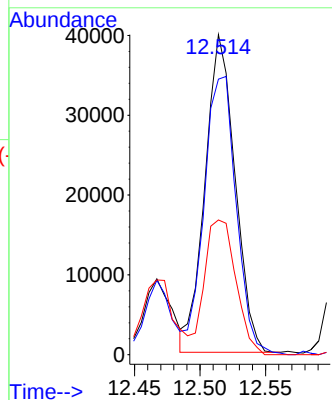
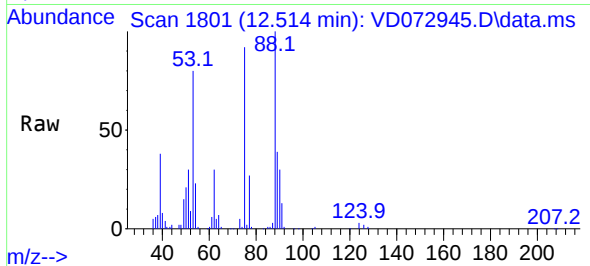
#81
trans-1,4-Dichloro-2-butene
Concen: 52.270 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 63414
Ion Ratio Lower Upper
75 100
53 94.2 86.5 129.7
89 44.4 33.9 50.9

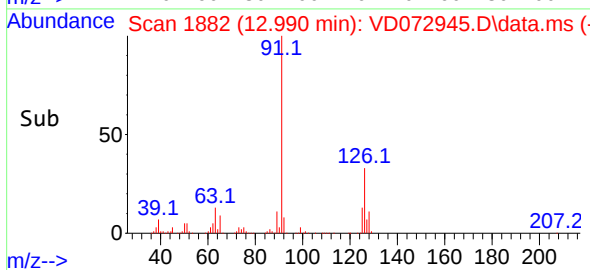
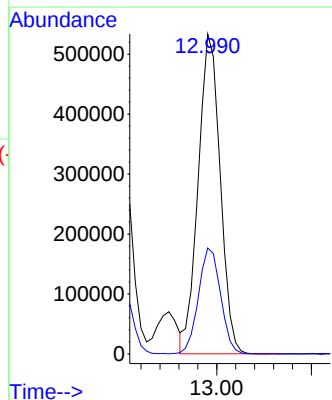
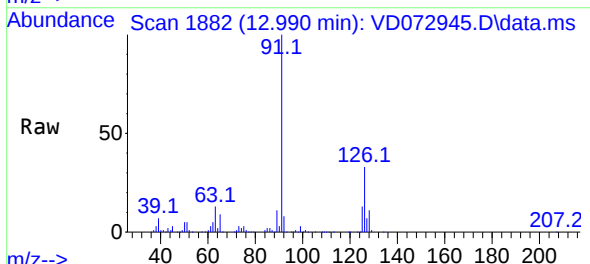
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#82
4-Chlorotoluene
Concen: 57.452 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

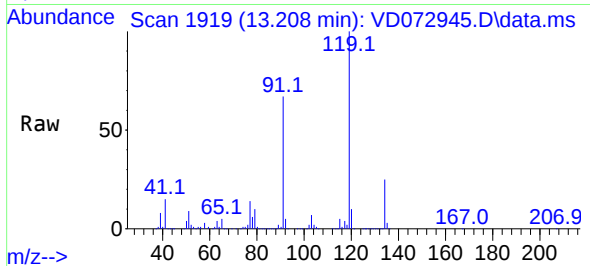
Tgt Ion: 91 Resp: 860284
Ion Ratio Lower Upper
91 100
126 33.4 16.5 49.5





#83
tert-Butylbenzene
Concen: 62.451 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

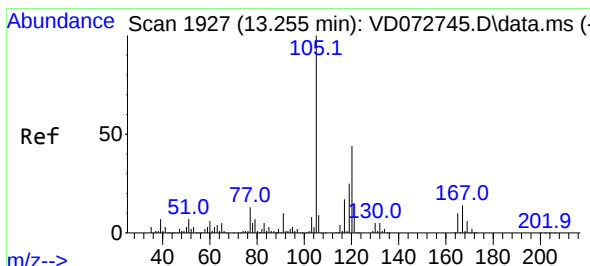
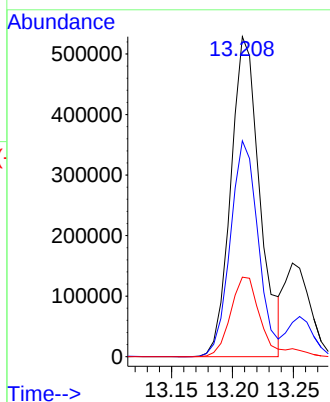
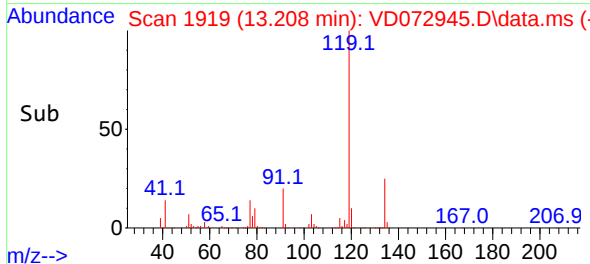
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



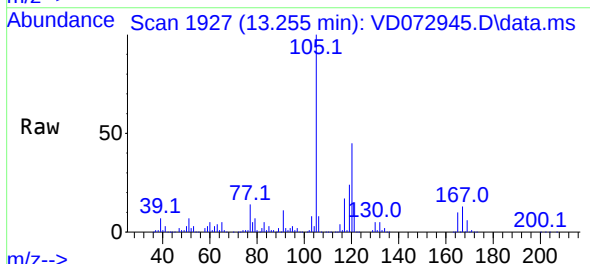
Tgt Ion:119 Resp: 876360
Ion Ratio Lower Upper
119 100
91 64.8 34.8 104.5
134 26.5 13.3 39.9

Manual Integrations
APPROVED

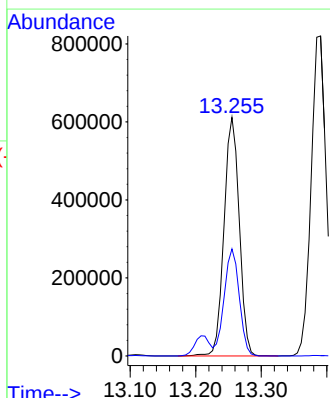
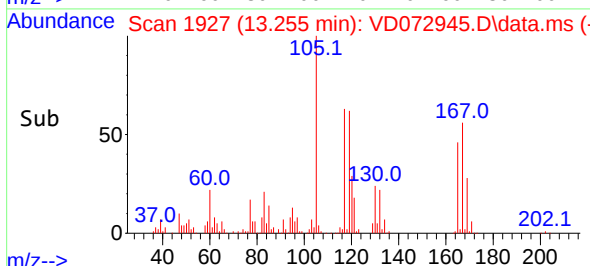
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

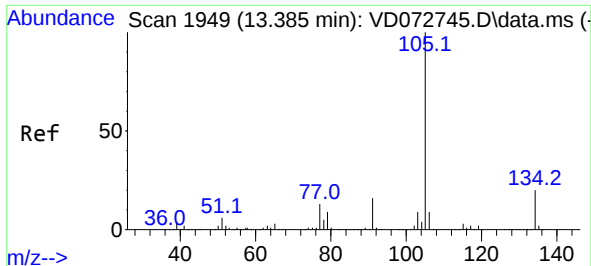


#84
1,2,4-Trimethylbenzene
Concen: 59.736 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32



Tgt Ion:105 Resp: 985558
Ion Ratio Lower Upper
105 100
120 44.4 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 62.061 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. 0.005 min
 Lab File: VD072945.D
 Acq: 12 May 2022 13:32

Instrument :

MSVOA_D

ClientSampleId :

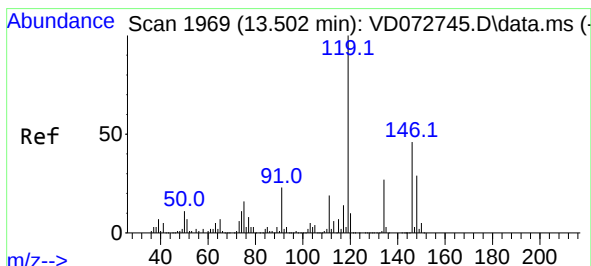
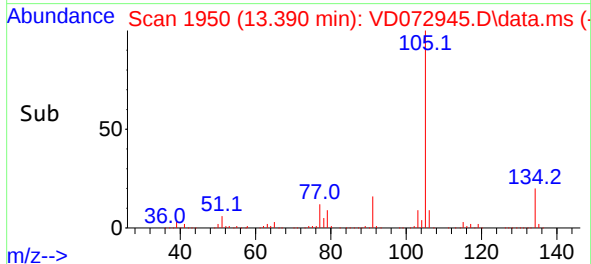
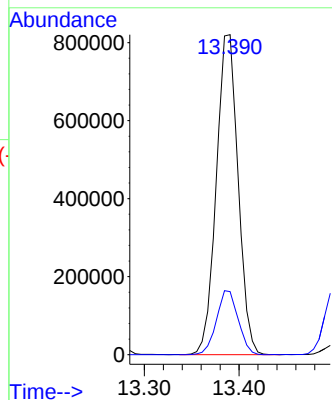
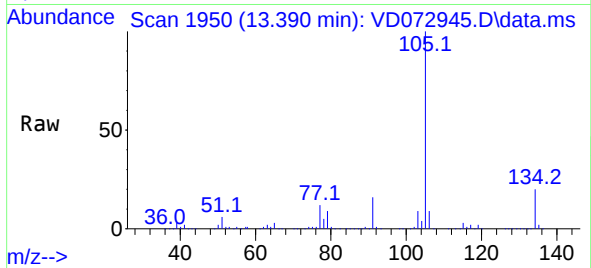
VSTDCCC050

Tgt Ion:105 Resp: 131352
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

Manual Integrations

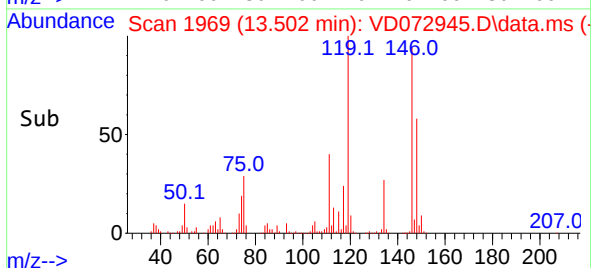
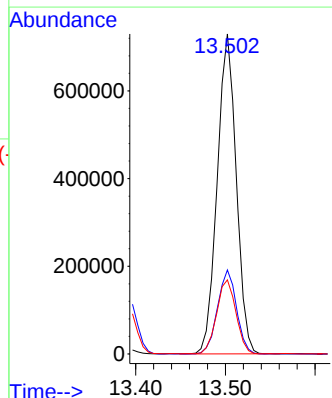
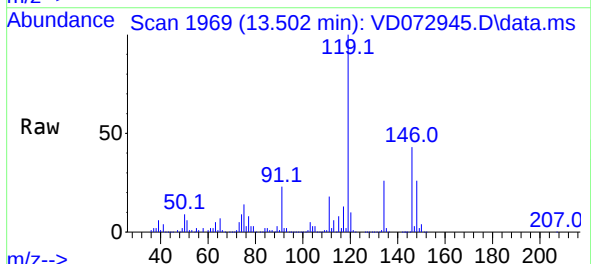
APPROVED

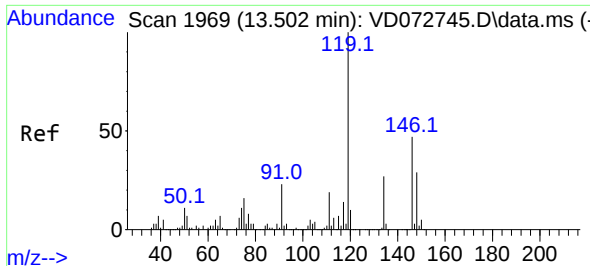
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022



#86
 p-Isopropyltoluene
 Concen: 61.906 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD072945.D
 Acq: 12 May 2022 13:32

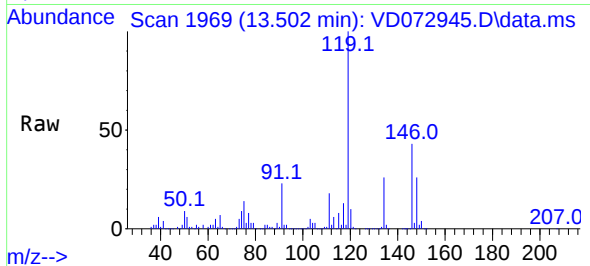
Tgt Ion:119 Resp: 1074248
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.6
 91 23.5 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 56.361 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

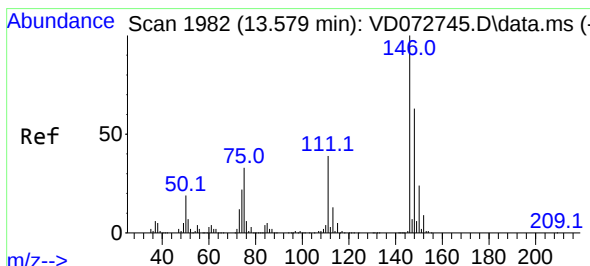
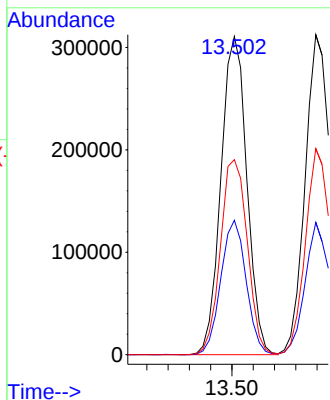
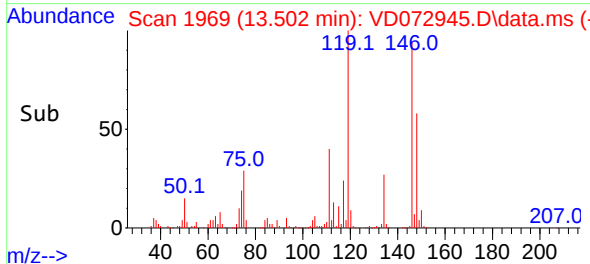
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



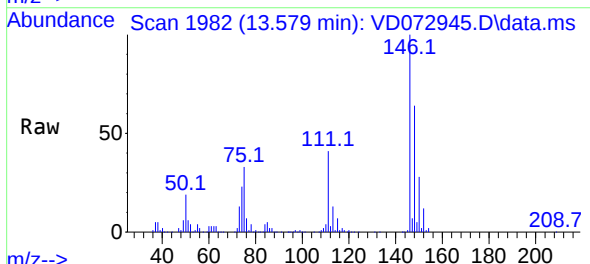
Tgt Ion:146 Resp: 524830
Ion Ratio Lower Upper
146 100
111 41.4 20.4 61.3
148 63.6 31.9 95.7

Manual Integrations
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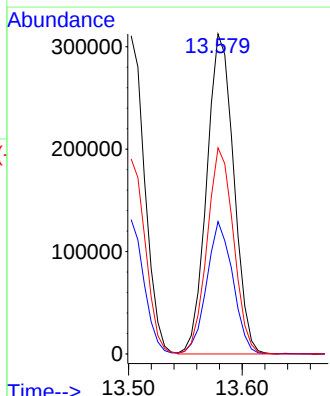
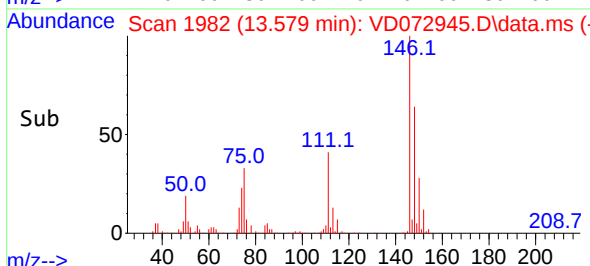
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

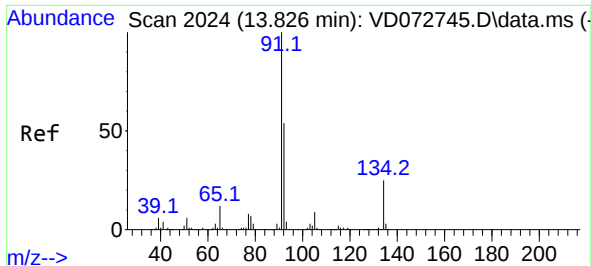


#88
1,4-Dichlorobenzene
Concen: 55.655 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32



Tgt Ion:146 Resp: 516101
Ion Ratio Lower Upper
146 100
111 40.1 20.3 60.9
148 63.2 31.7 95.1





#89
n-Butylbenzene
Concen: 62.286 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

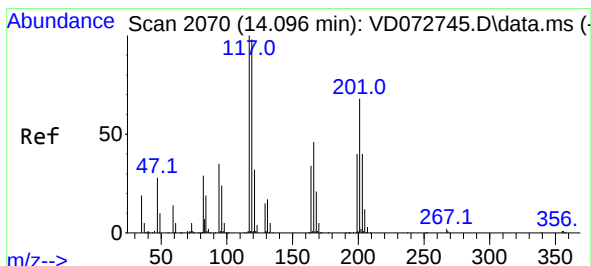
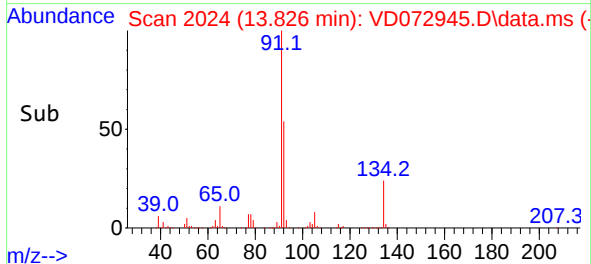
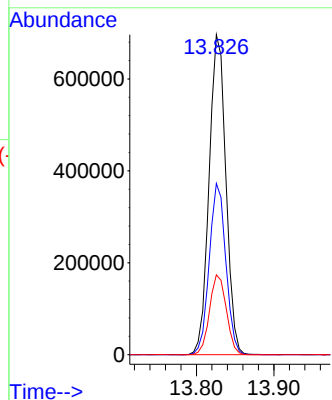
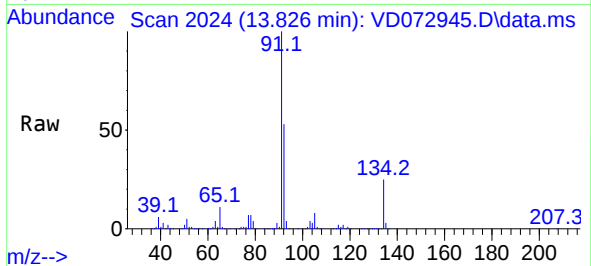
Tgt Ion: 91 Resp: 1047020
Ion Ratio Lower Upper
91 100
92 52.8 26.6 79.8
134 24.9 12.3 36.9

Manual Integrations

APPROVED

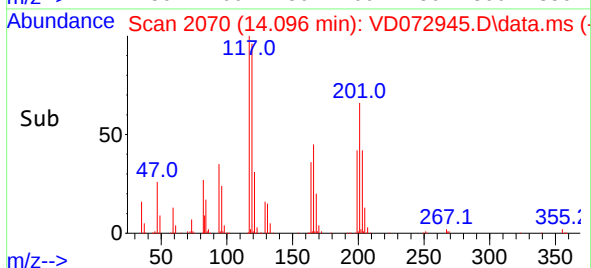
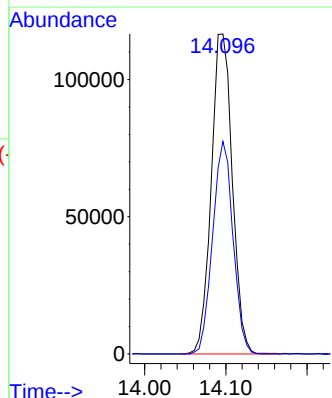
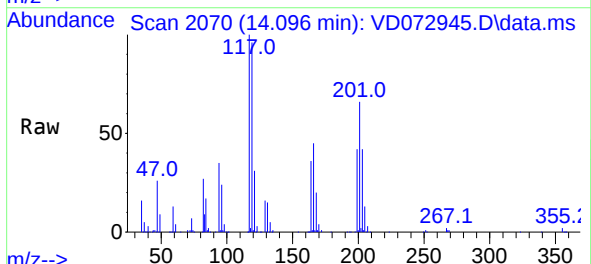
Reviewed By :John Carlone 05/13/2022

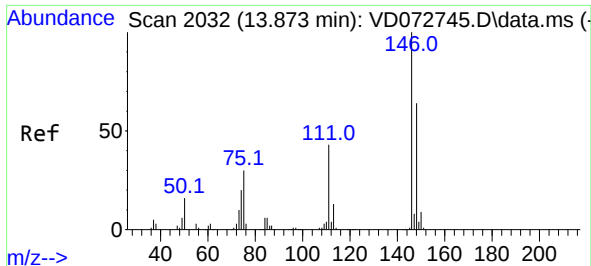
Supervised By :Mahesh Dadoda 05/13/2022



#90
Hexachloroethane
Concen: 59.151 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

Tgt Ion:117 Resp: 210274
Ion Ratio Lower Upper
117 100
201 64.2 33.4 100.2





#91
1,2-Dichlorobenzene
Concen: 55.156 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

Instrument :

MSVOA_D

ClientSampleId :

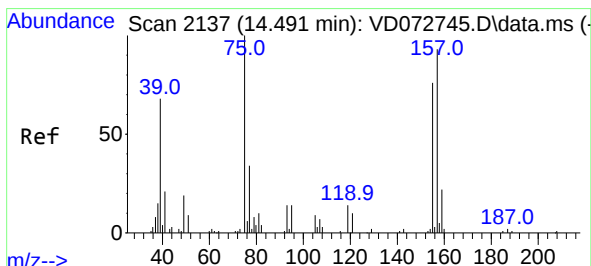
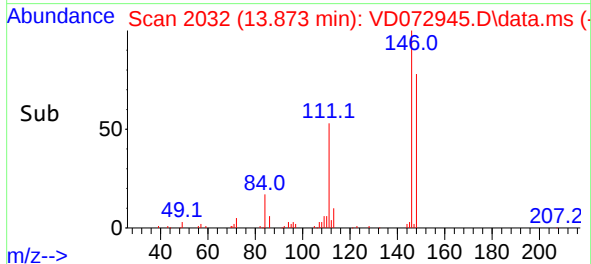
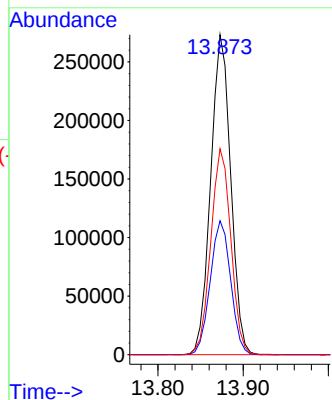
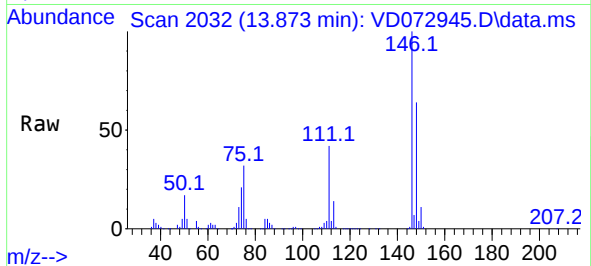
VSTDCCC050

Tgt Ion:146 Resp: 44762
Ion Ratio Lower Upper
146 100
111 42.6 21.1 63.3
148 64.4 31.7 95.1

Manual Integrations

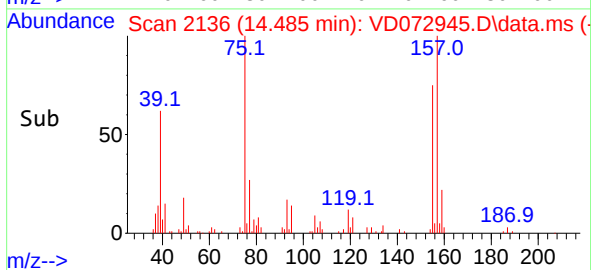
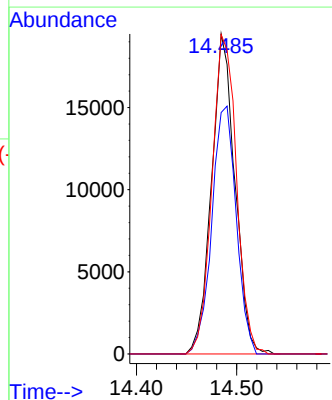
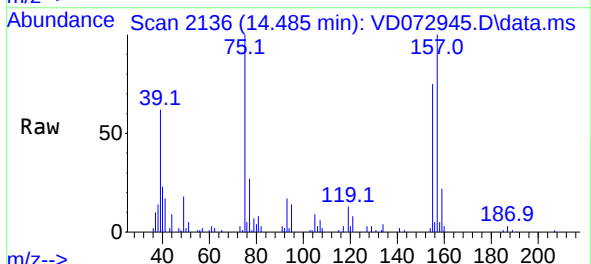
APPROVED

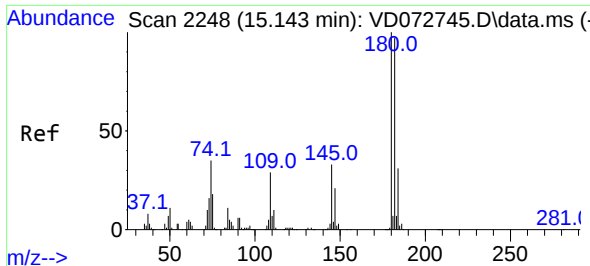
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.770 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

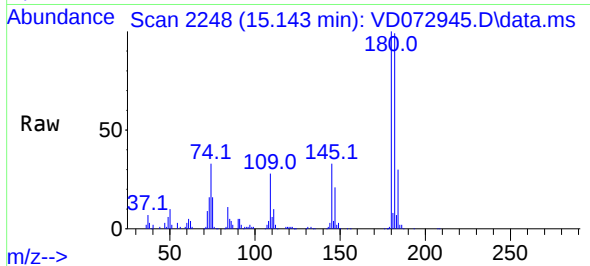
Tgt Ion: 75 Resp: 31624
Ion Ratio Lower Upper
75 100
155 80.5 36.8 110.3
157 103.9 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 57.293 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

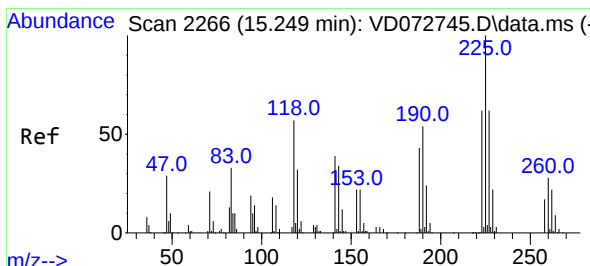
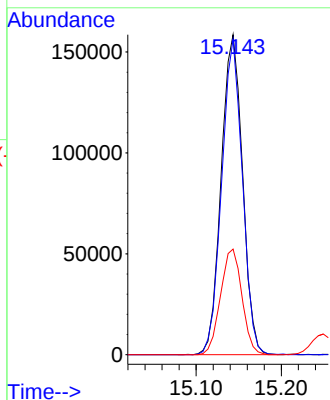
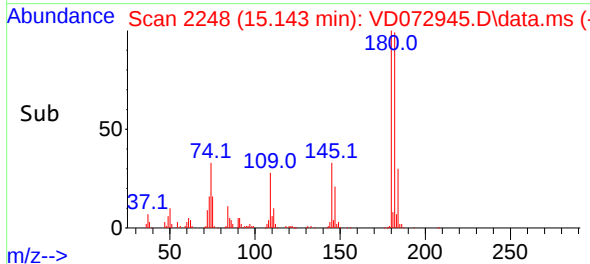
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



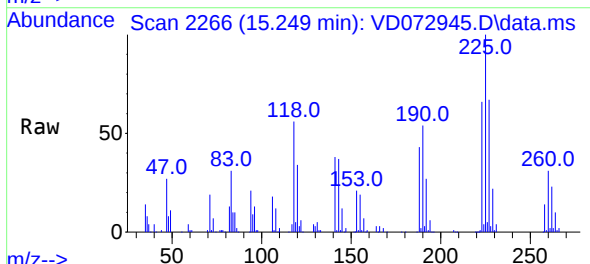
Tgt Ion:180 Resp: 275360
Ion Ratio Lower Upper
180 100
182 95.7 47.3 142.0
145 33.1 16.2 48.5

Manual Integrations
APPROVED

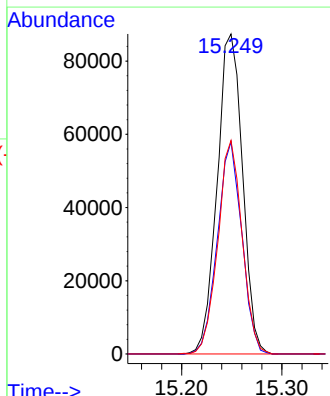
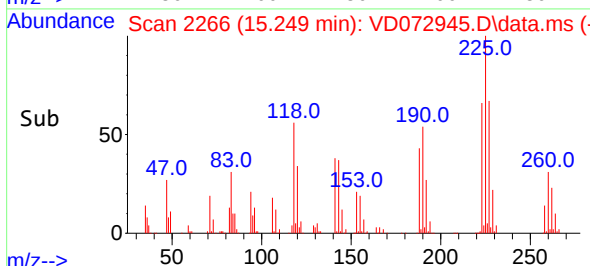
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

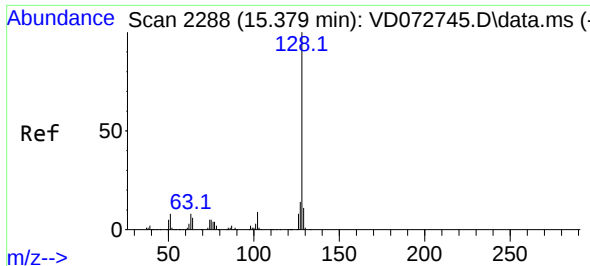


#94
Hexachlorobutadiene
Concen: 58.570 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32



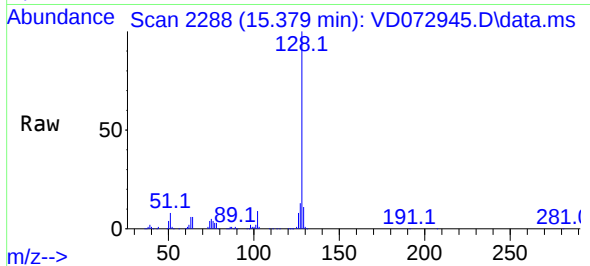
Tgt Ion:225 Resp: 153736
Ion Ratio Lower Upper
225 100
223 63.7 31.1 93.2
227 63.8 32.4 97.0





#95
Naphthalene
Concen: 56.327 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32

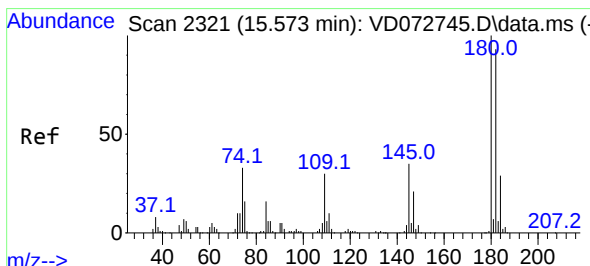
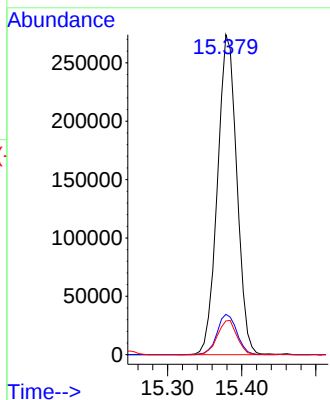
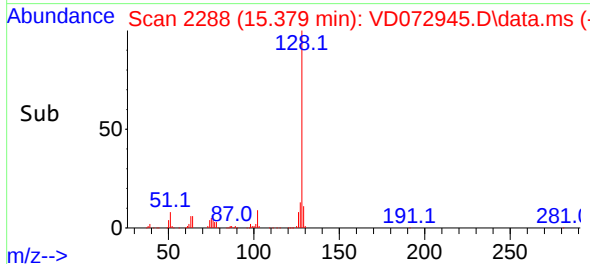
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



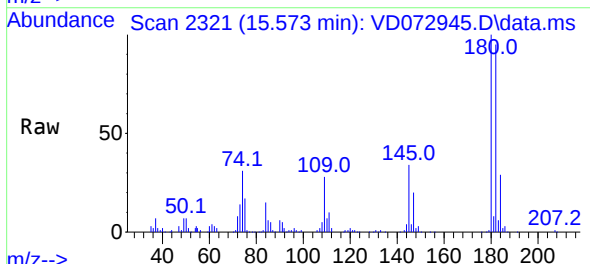
Tgt Ion:128 Resp: 497742
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#96
1,2,3-Trichlorobenzene
Concen: 57.480 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD072945.D
Acq: 12 May 2022 13:32



Tgt Ion:180 Resp: 244891
Ion Ratio Lower Upper
180 100
182 93.4 47.6 142.9
145 33.2 17.1 51.3

