

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
 Data File : VD072761.D
 Acq On : 03 May 2022 11:11
 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 05/04/2022
 Supervised By : Mahesh Dadoda 05/04/2022

Quant Time: May 03 16:49:28 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	319958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	508293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	496984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	244325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	194077	46.728	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.460%		
35) Dibromofluoromethane	7.908	113	181157	50.747	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.500%		
50) Toluene-d8	10.332	98	652798	50.979	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.960%		
62) 4-Bromofluorobenzene	12.620	95	246968	51.724	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	203103	45.937	ug/l	97
3) Chloromethane	2.209	50	203741	44.310	ug/l	97
4) Vinyl Chloride	2.350	62	193226	46.832	ug/l	100
5) Bromomethane	2.762	94	124858	49.172	ug/l	94
6) Chloroethane	2.920	64	121111	47.098	ug/l	100
7) Trichlorofluoromethane	3.273	101	346039	47.895	ug/l	95
8) Diethyl Ether	3.709	74	95200	45.961	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.097	101	212774	49.605	ug/l	98
10) Methyl Iodide	4.297	142	204928	47.606	ug/l	99
11) Tert butyl alcohol	5.203	59	88633	246.650	ug/l #	84
12) 1,1-Dichloroethene	4.067	96	184497	47.821	ug/l	93
13) Acrolein	3.920	56	48389	189.961	ug/l	100
14) Allyl chloride	4.714	41	286556	46.005	ug/l	95
15) Acrylonitrile	5.420	53	223161	226.702	ug/l	98
16) Acetone	4.156	43	216213	279.792	ug/l	90
17) Carbon Disulfide	4.409	76	576670	47.537	ug/l	99
18) Methyl Acetate	4.714	43	103224	45.652	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	450716	48.731	ug/l	99
20) Methylene Chloride	4.961	84	238783	47.787	ug/l	89
21) trans-1,2-Dichloroethene	5.467	96	216650	48.963	ug/l	94
22) Diisopropyl ether	6.361	45	670890	48.962	ug/l	94
23) Vinyl Acetate	6.303	43	1839989	243.087	ug/l #	95
24) 1,1-Dichloroethane	6.261	63	387028	47.013	ug/l	99
25) 2-Butanone	7.203	43	297160	245.558	ug/l #	89
26) 2,2-Dichloropropane	7.203	77	339104	48.725	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	244441	48.234	ug/l	92
28) Bromochloromethane	7.544	49	151242	49.266	ug/l	85
29) Tetrahydrofuran	7.555	42	180465	233.960	ug/l	94
30) Chloroform	7.702	83	422002	48.447	ug/l	97
31) Cyclohexane	7.979	56	341513	47.038	ug/l	91
32) 1,1,1-Trichloroethane	7.897	97	360187	48.517	ug/l	97
36) 1,1-Dichloropropene	8.108	75	309335	53.291	ug/l	98
37) Ethyl Acetate	7.291	43	133873	50.170	ug/l	97
38) Carbon Tetrachloride	8.091	117	320349	53.166	ug/l	99
39) Methylcyclohexane	9.349	83	362618	53.858	ug/l	99
40) Benzene	8.344	78	871081	51.965	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	75924	47.785	ug/l	92
42) 1,2-Dichloroethane	8.420	62	260625	51.595	ug/l	98
43) Isopropyl Acetate	8.444	43	249952	50.751	ug/l	95
44) Trichloroethene	9.108	130	229808	51.244	ug/l	95
45) 1,2-Dichloropropane	9.385	63	226679	51.492	ug/l	94
46) Dibromomethane	9.467	93	124226	51.157	ug/l	97
47) Bromodichloromethane	9.655	83	319741	51.183	ug/l	99
48) Methyl methacrylate	9.449	41	131374	54.525	ug/l	93
49) 1,4-Dioxane	9.455	88	27927	1021.274	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	667201	260.702	ug/l	95
52) Toluene	10.396	92	565312	54.063	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	295652	51.525	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	350162	52.526	ug/l #	89
55) 1,1,2-Trichloroethane	10.791	97	170256	51.864	ug/l	97
56) Ethyl methacrylate	10.655	69	208020	53.819	ug/l #	86
57) 1,3-Dichloropropane	10.938	76	293700	52.135	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	515564	275.117	ug/l	97
59) 2-Hexanone	10.973	43	478840	278.060	ug/l	96
60) Dibromochloromethane	11.132	129	213731	51.719	ug/l	99
61) 1,2-Dibromoethane	11.238	107	162063	50.720	ug/l	96
64) Tetrachloroethene	10.867	164	187264	51.538	ug/l	95
65) Chlorobenzene	11.661	112	588673	51.212	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	228331	52.855	ug/l	99
67) Ethyl Benzene	11.738	91	1075876	54.082	ug/l	99
68) m/p-Xylenes	11.843	106	838905	109.475	ug/l	99
69) o-Xylene	12.173	106	391075	54.644	ug/l	96
70) Styrene	12.185	104	690390	55.678	ug/l	98
71) Bromoform	12.349	173	119572	51.072	ug/l #	98
73) Isopropylbenzene	12.467	105	1035815	54.490	ug/l	100
74) N-amyl acetate	12.279	43	248314	52.455	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	190412	49.622	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	144149m	52.911	ug/l	
77) Bromobenzene	12.749	156	237988	52.723	ug/l	94
78) n-propylbenzene	12.808	91	1308506	54.617	ug/l	100
79) 2-Chlorotoluene	12.896	91	736970	52.659	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	882322	54.740	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	61035	51.518	ug/l	92
82) 4-Chlorotoluene	12.990	91	777707	53.185	ug/l	100
83) tert-Butylbenzene	13.208	119	750794	54.788	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	874116	54.254	ug/l	99
85) sec-Butylbenzene	13.390	105	1138509	55.085	ug/l	98
86) p-Isopropyltoluene	13.502	119	940303	55.489	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	477253	52.484	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	473082	52.242	ug/l	100
89) n-Butylbenzene	13.826	91	911416	55.522	ug/l	99
90) Hexachloroethane	14.096	117	183537	52.870	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	414464	52.298	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	30966	50.908	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	247398	52.712	ug/l	99
94) Hexachlorobutadiene	15.249	225	135090	52.703	ug/l	99
95) Naphthalene	15.384	128	467101	54.130	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	217646	52.312	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

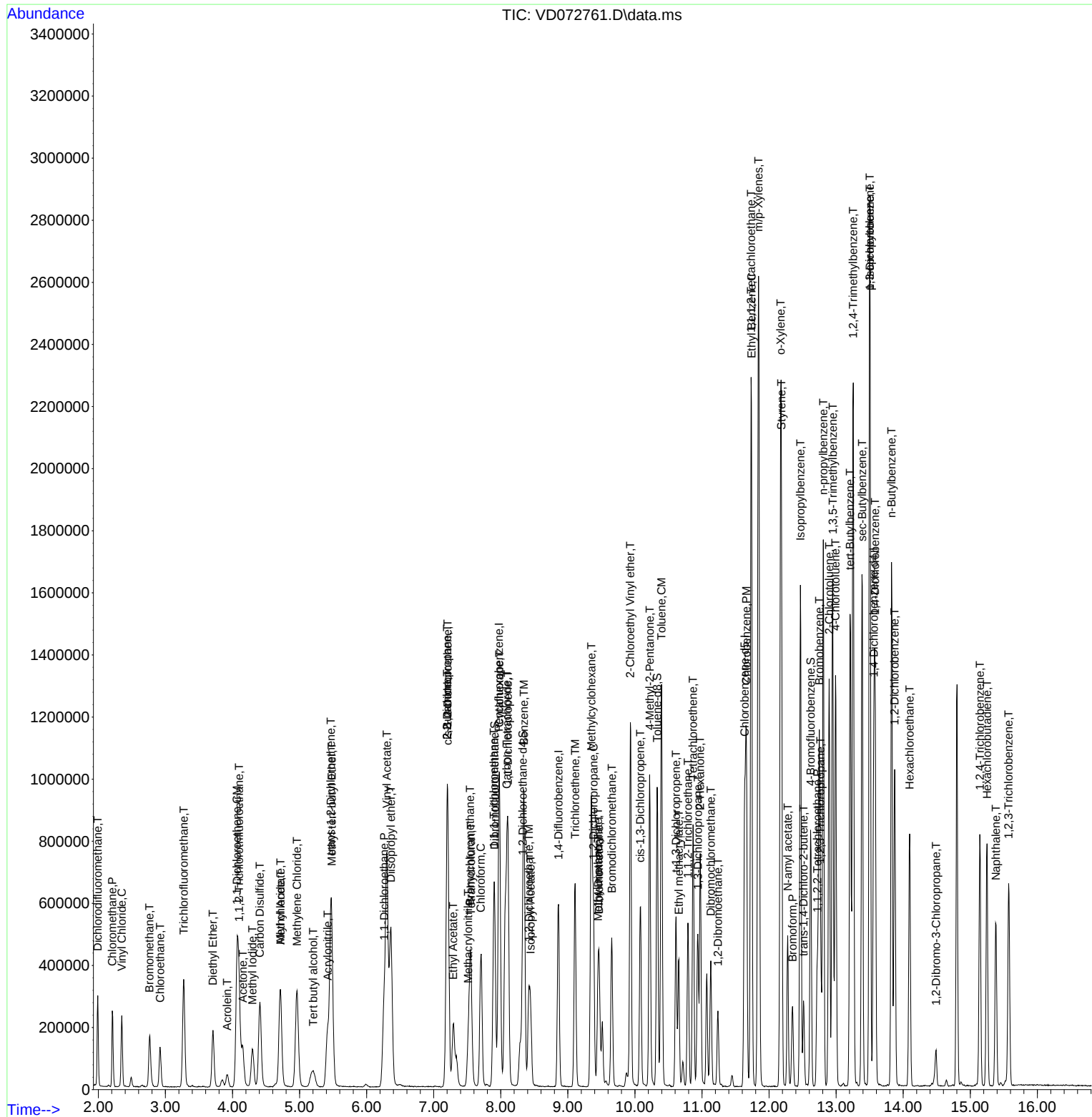
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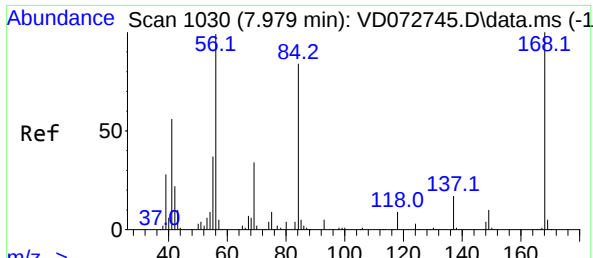
Instrument :
MSVOA_D
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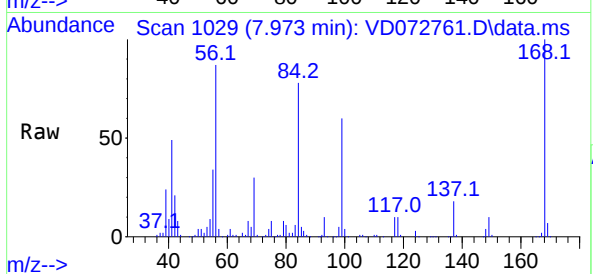
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072761.D
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Instrument :

MSVOA_D

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VSTDCCC050



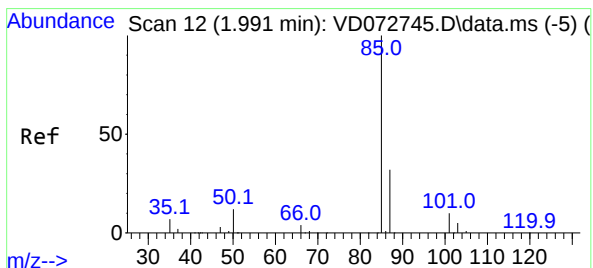
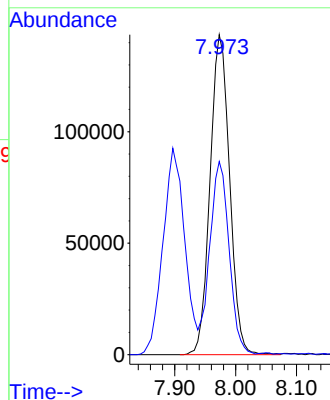
Tgt Ion:168 Resp: 319958
Ion Ratio Lower Upper
168 100
99 60.1 49.8 74.6

Manual Integrations

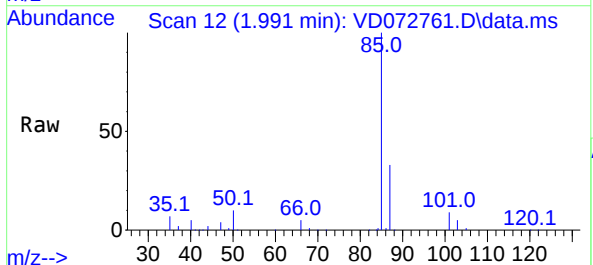
APPROVED

Reviewed By :John Carlone 05/04/2022

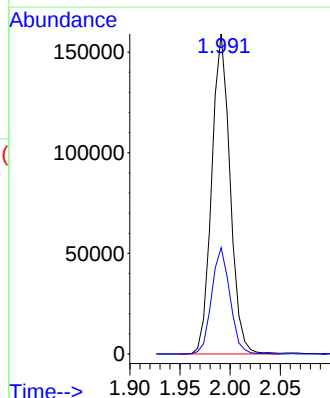
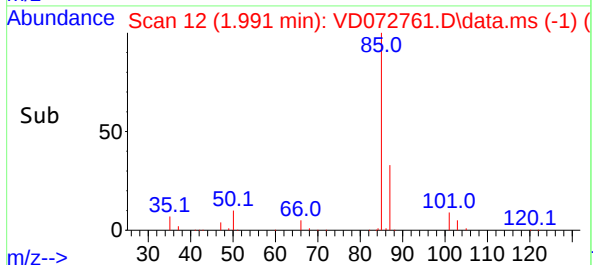
Supervised By :Mahesh Dadoda 05/04/2022

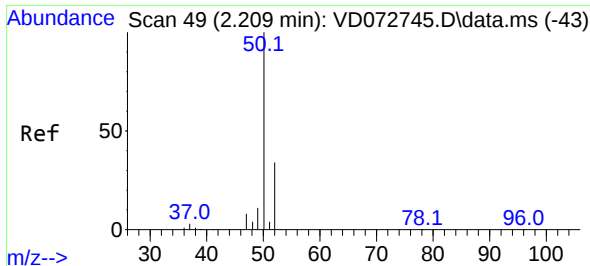


#2
Dichlorodifluoromethane
Concen: 45.937 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11



Tgt Ion: 85 Resp: 203103
Ion Ratio Lower Upper
85 100
87 33.2 15.7 47.0





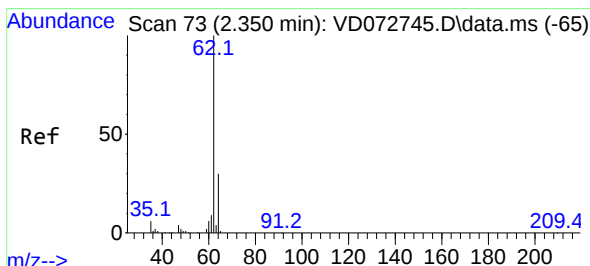
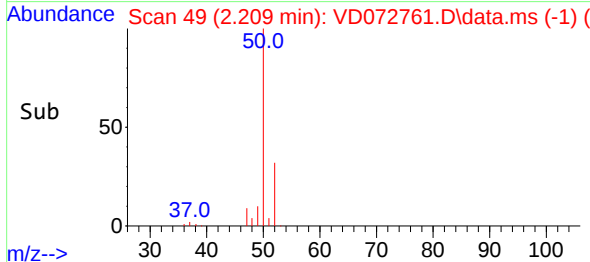
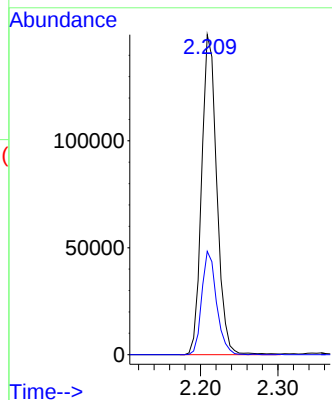
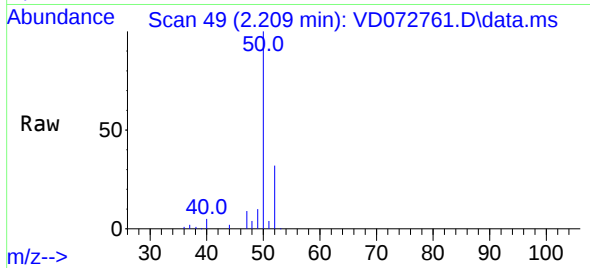
#3
Chloromethane
Concen: 44.310 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

Instrument :
MSVOA_D
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Tgt Ion: 50 Resp: 20374
Ion Ratio Lower Upper
50 100
52 32.3 27.4 41.0

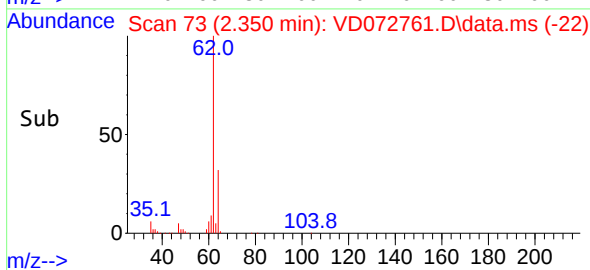
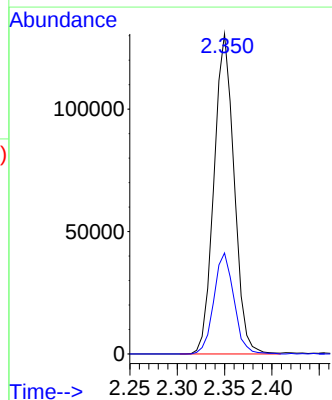
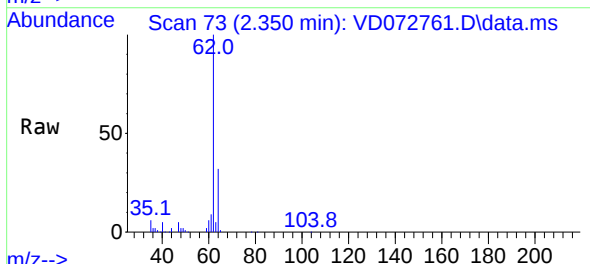
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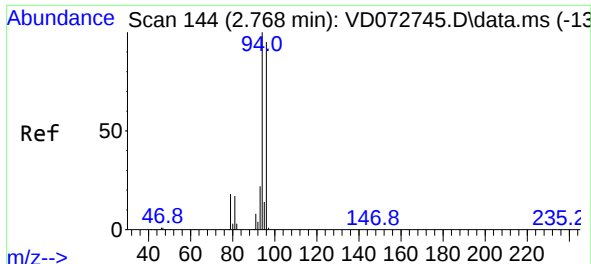
Reviewed By :John Carlone 05/04/2022
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#4
Vinyl Chloride
Concen: 46.832 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

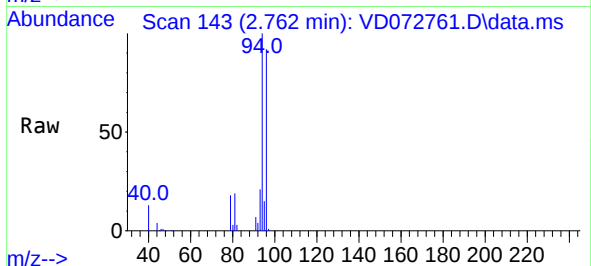
Tgt Ion: 62 Resp: 193226
Ion Ratio Lower Upper
62 100
64 31.5 25.4 38.0





#5
Bromomethane
Concen: 49.172 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

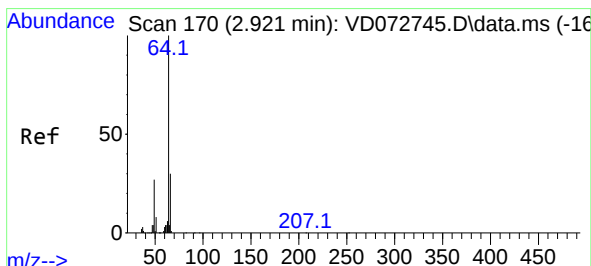
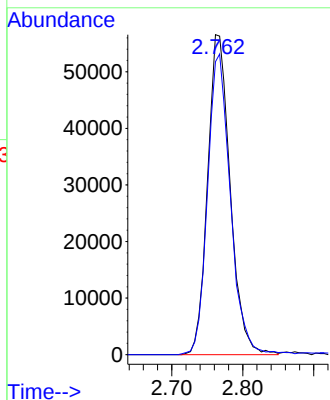
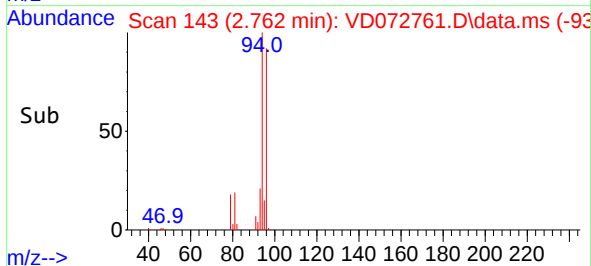
Instrument :
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Tgt Ion: 94 Resp: 124858
Ion Ratio Lower Upper
94 100
96 91.6 77.6 116.4

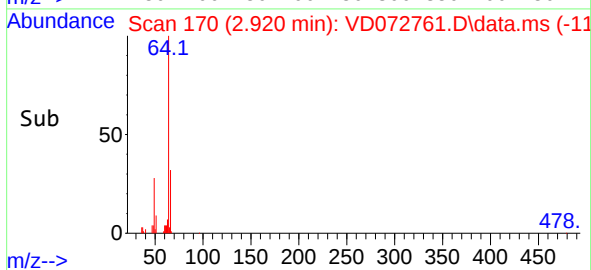
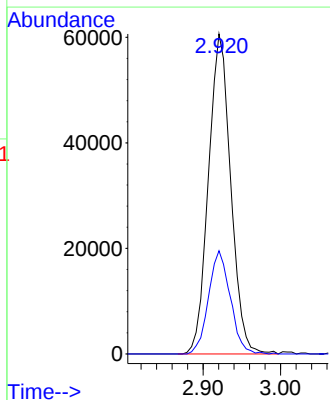
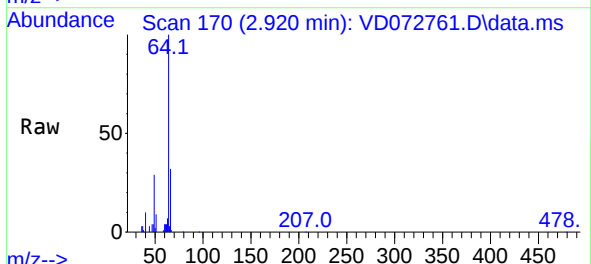
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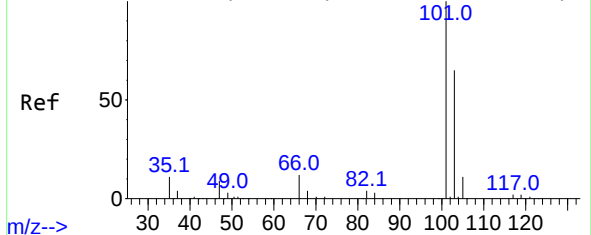


#6
Chloroethane
Concen: 47.098 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.001 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

Tgt Ion: 64 Resp: 121111
Ion Ratio Lower Upper
64 100
66 32.3 25.9 38.9



Abundance Scan 230 (3.273 min): VD072745.D\data.ms (-21



#7

Trichlorofluoromethane

Concen: 47.895 ug/l

RT: 3.273 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD072761.D

Acq: 03 May 2022 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:101 Resp: 346039

Ion Ratio Lower Upper

101 100

103 66.1 50.1 75.1

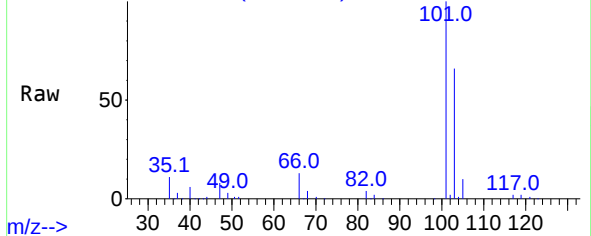
Manual Integrations

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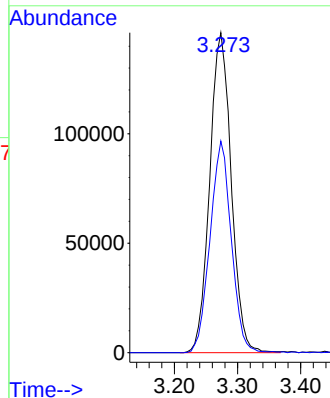
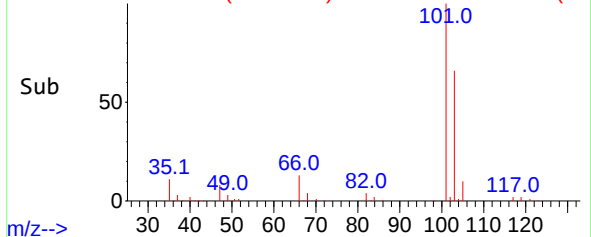
Reviewed By :John Carlone 05/04/2022

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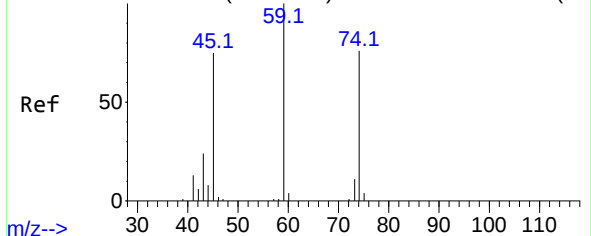
Abundance Scan 230 (3.273 min): VD072761.D\data.ms



Abundance Scan 230 (3.273 min): VD072761.D\data.ms (-17



Abundance Scan 304 (3.709 min): VD072745.D\data.ms (-29



#8

Diethyl Ether

Concen: 45.961 ug/l

RT: 3.709 min Scan# 304

Delta R.T. -0.000 min

Lab File: VD072761.D

Acq: 03 May 2022 11:11

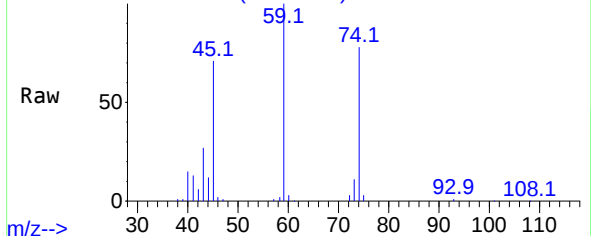
Tgt Ion: 74 Resp: 95200

Ion Ratio Lower Upper

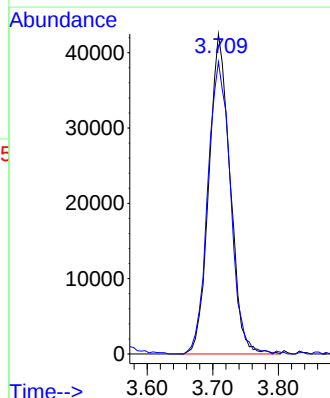
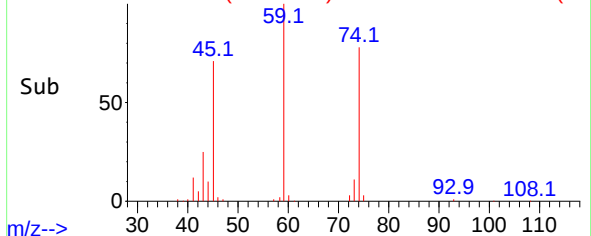
74 100

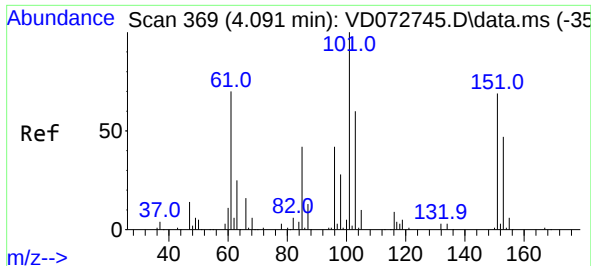
45 98.1 52.6 157.8

Abundance Scan 304 (3.709 min): VD072761.D\data.ms



Abundance Scan 304 (3.709 min): VD072761.D\data.ms (-25





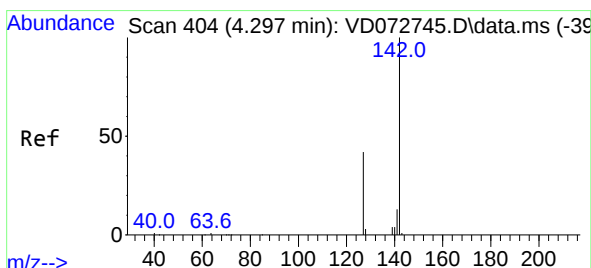
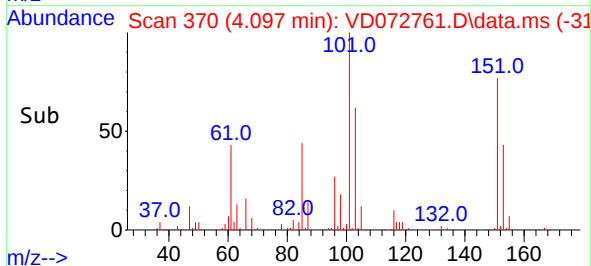
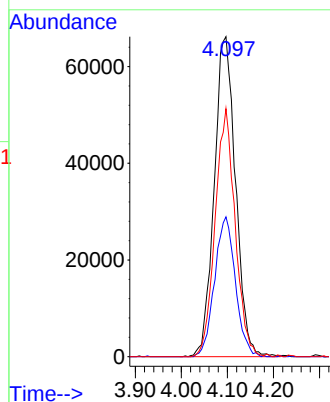
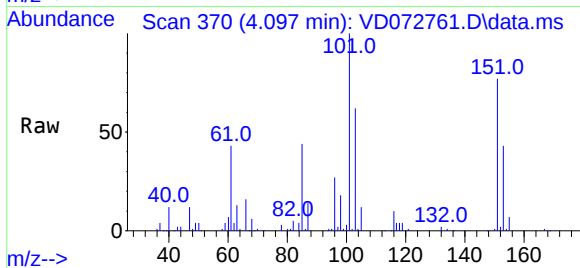
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.605 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 212774
Ion Ratio Lower Upper
101 100
85 42.7 36.4 54.6
151 72.6 57.3 85.9

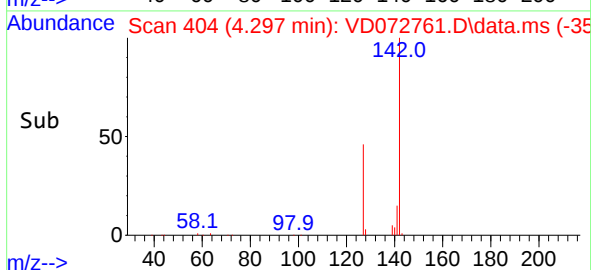
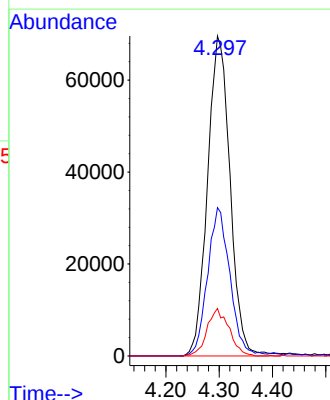
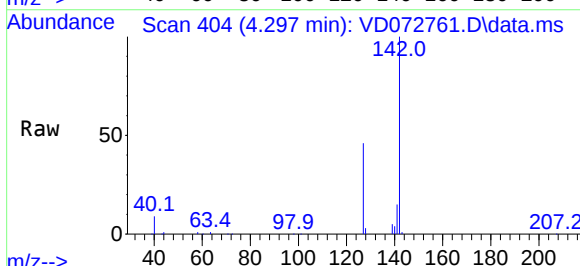
Manual Integrations
APPROVED

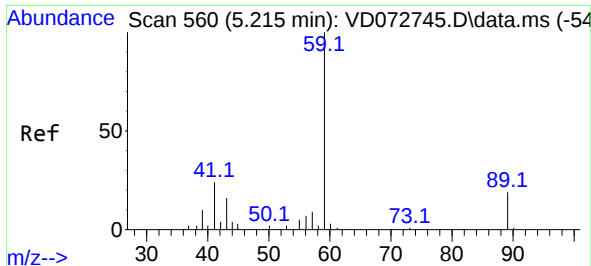
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#10
Methyl Iodide
Concen: 47.606 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

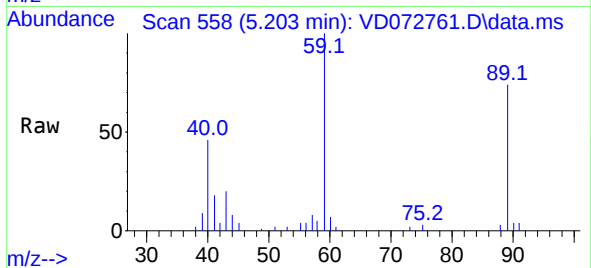
Tgt Ion:142 Resp: 204928
Ion Ratio Lower Upper
142 100
127 45.9 37.3 55.9
141 14.5 11.7 17.5





#11
Tert butyl alcohol
Concen: 246.650 ug/l
RT: 5.203 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

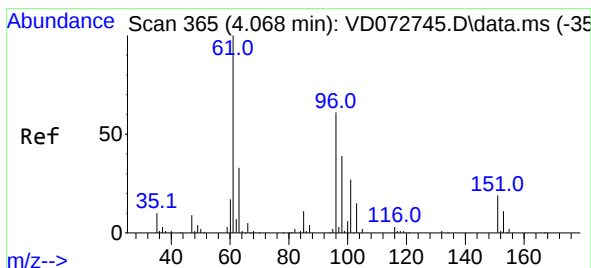
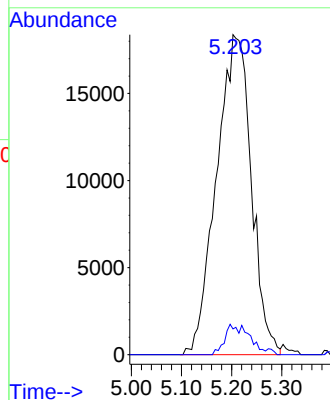
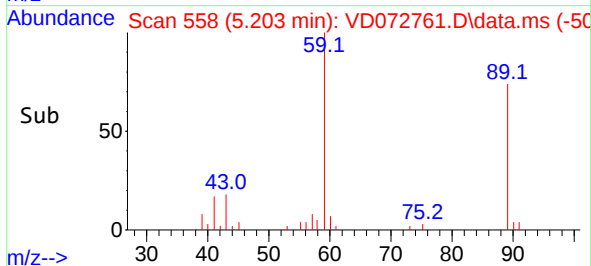
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



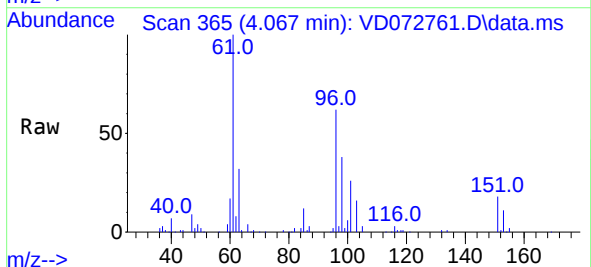
Tgt Ion: 59 Resp: 8863
Ion Ratio Lower Upper
59 100
57 3.6 7.8 11.6

Manual Integrations
APPROVED

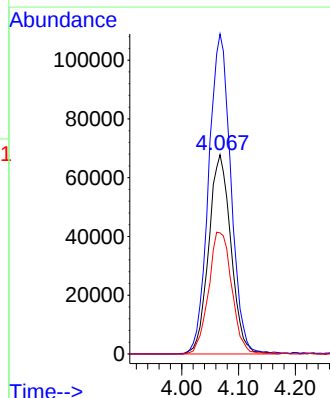
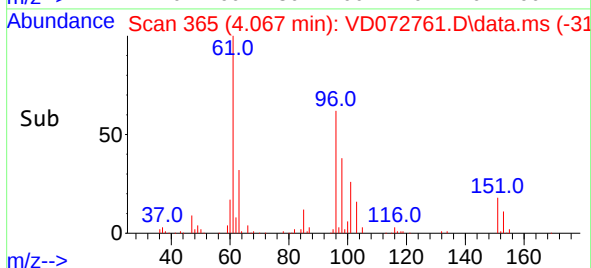
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

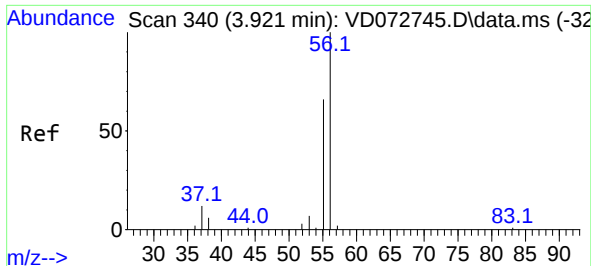


#12
1,1-Dichloroethene
Concen: 47.821 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.001 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11



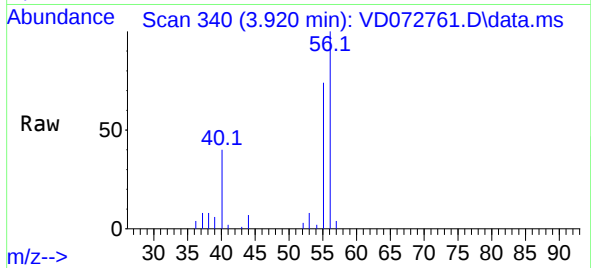
Tgt Ion: 96 Resp: 184497
Ion Ratio Lower Upper
96 100
61 160.4 138.5 207.7
98 60.8 48.6 73.0





#13
Acrolein
Concen: 189.961 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.001 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

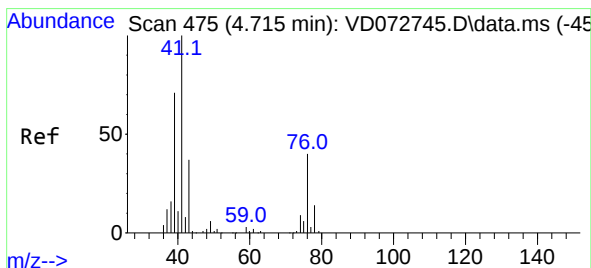
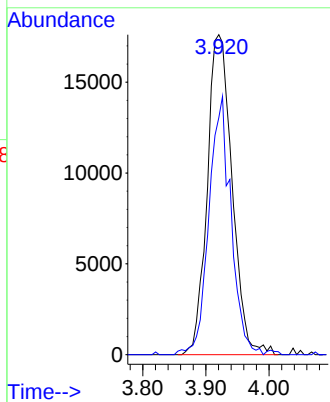
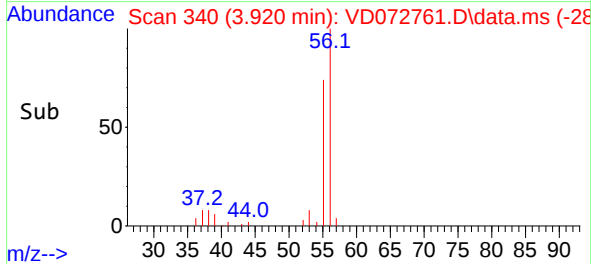
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



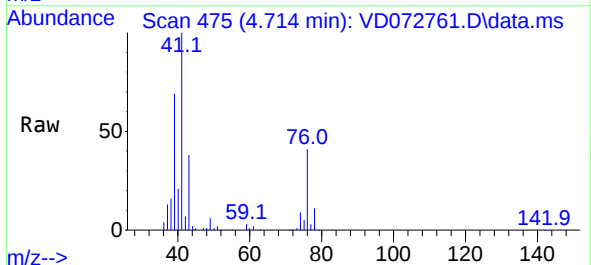
Tgt Ion: 56 Resp: 48389
Ion Ratio Lower Upper
56 100
55 71.2 57.1 85.7

Manual Integrations
APPROVED

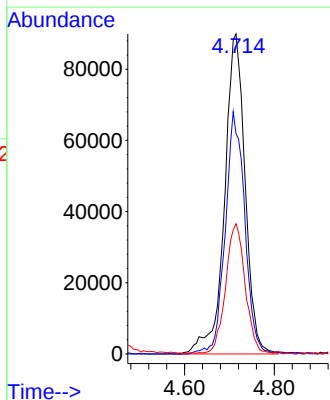
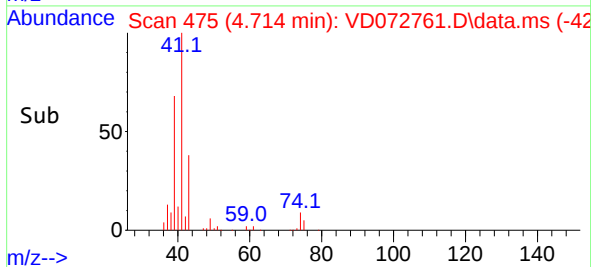
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

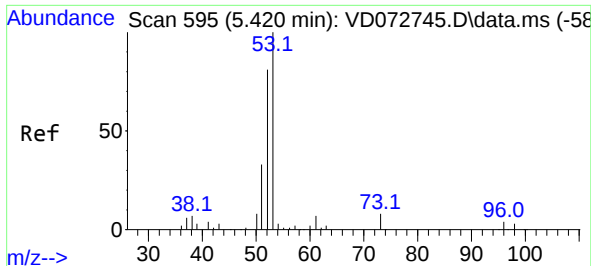


#14
Allyl chloride
Concen: 46.005 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11



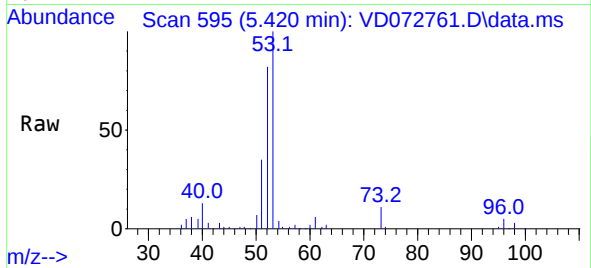
Tgt Ion: 41 Resp: 286556
Ion Ratio Lower Upper
41 100
39 71.7 59.3 88.9
76 38.1 25.7 38.5





#15
Acrylonitrile
Concen: 226.702 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

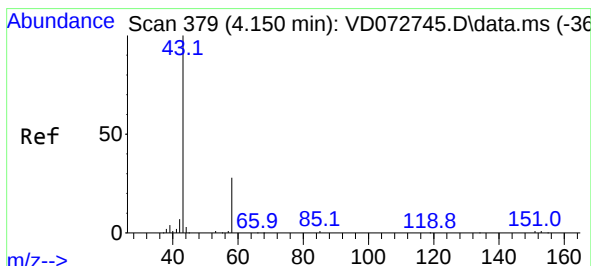
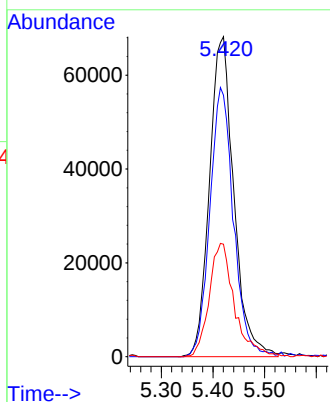
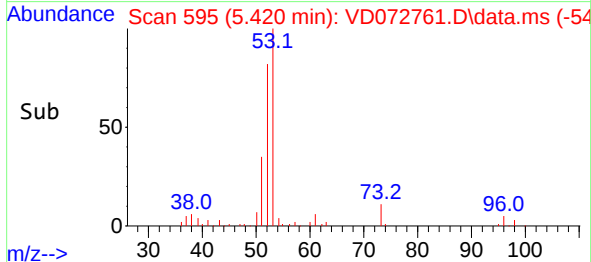
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



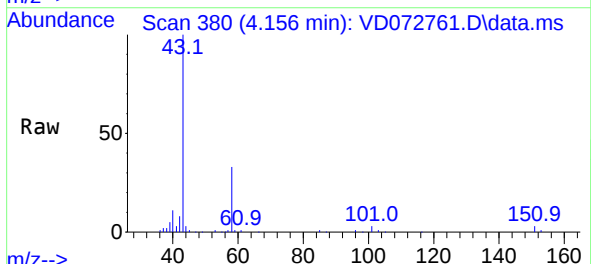
Tgt Ion: 53 Resp: 22316
Ion Ratio Lower Upper
53 100
52 81.6 67.2 100.8
51 36.7 30.3 45.5

Manual Integrations
APPROVED

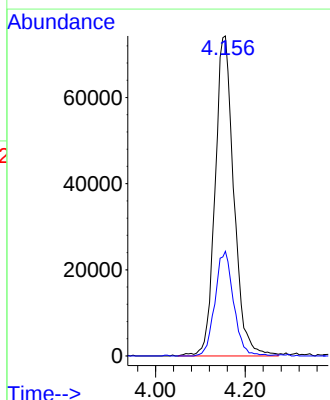
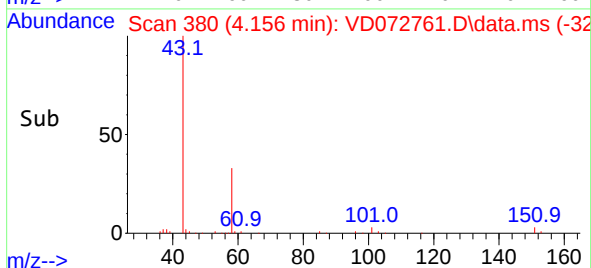
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

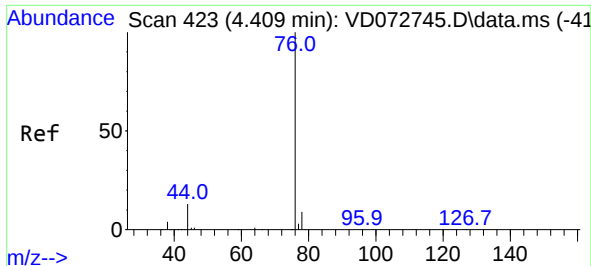


#16
Acetone
Concen: 279.792 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11



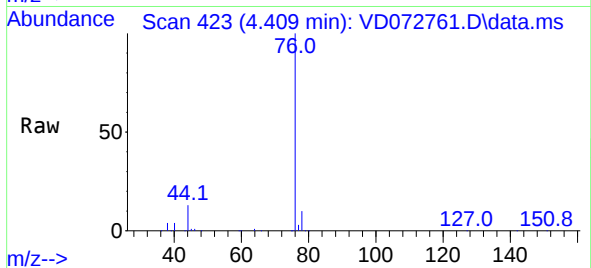
Tgt Ion: 43 Resp: 216213
Ion Ratio Lower Upper
43 100
58 32.7 22.1 33.1





#17
Carbon Disulfide
Concen: 47.537 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

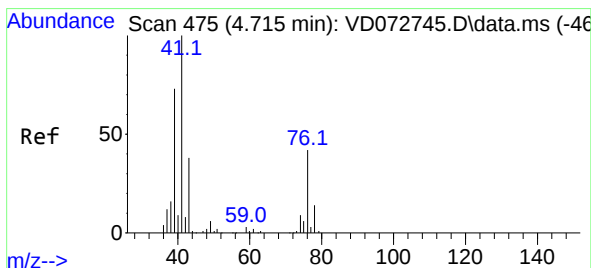
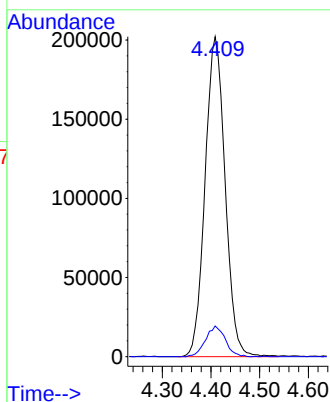
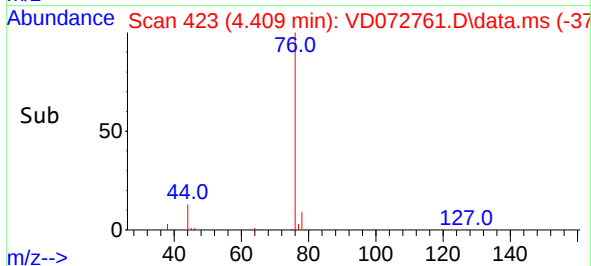
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



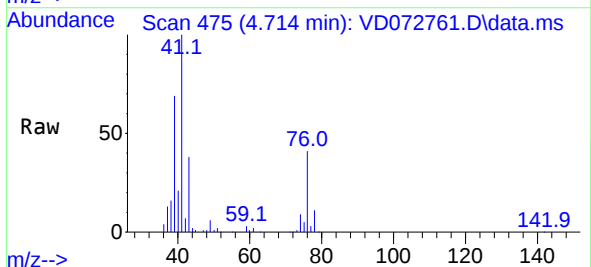
Tgt Ion: 76 Resp: 576670
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3

Manual Integrations
APPROVED

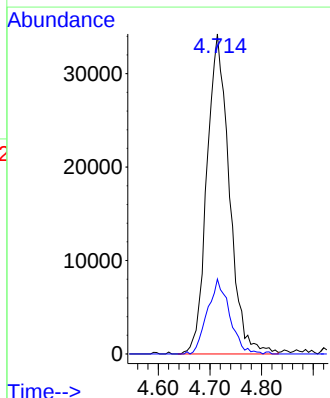
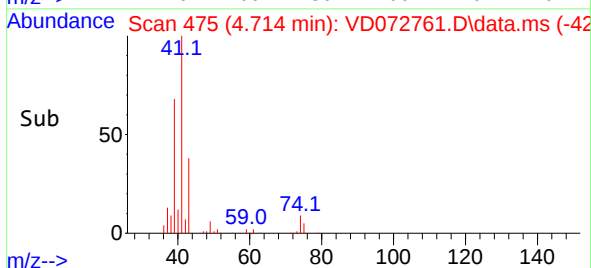
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

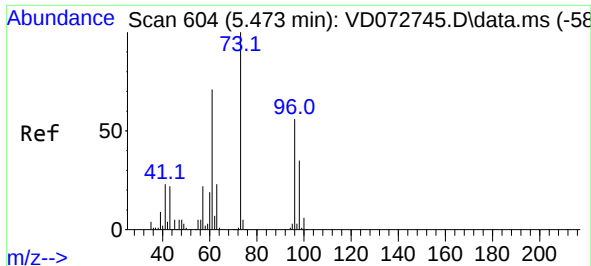


#18
Methyl Acetate
Concen: 45.652 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11



Tgt Ion: 43 Resp: 103224
Ion Ratio Lower Upper
43 100
74 23.2 16.7 25.1





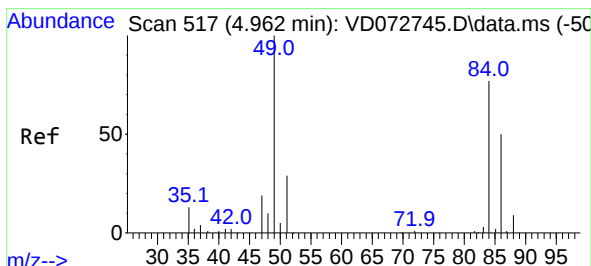
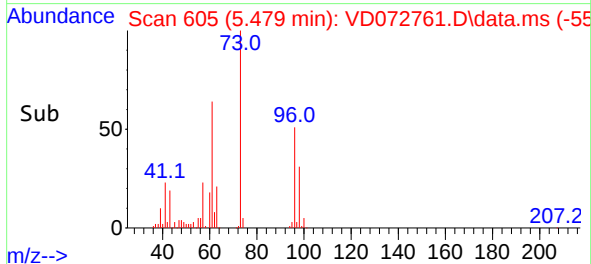
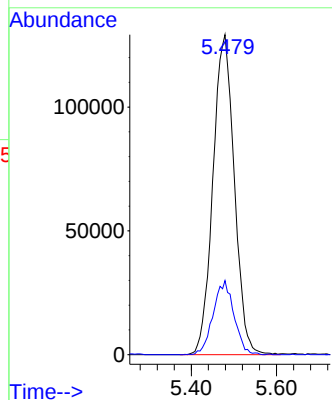
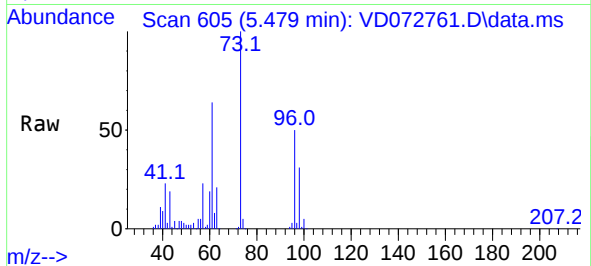
#19
Methyl tert-butyl Ether
Concen: 48.731 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 450710
Ion Ratio Lower Upper
73 100
57 23.2 18.0 27.0

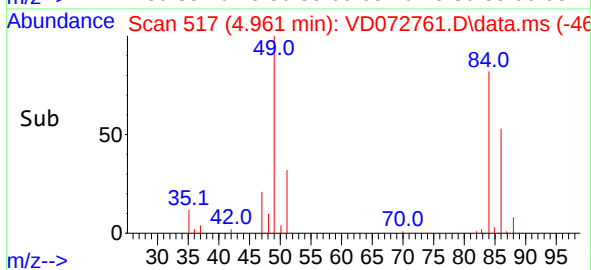
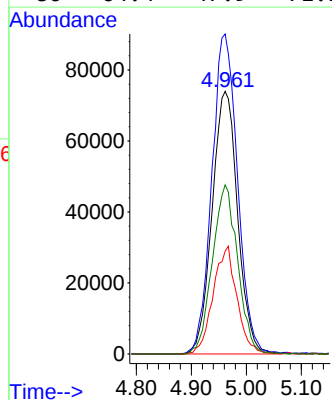
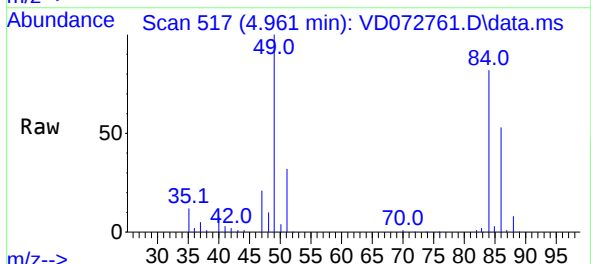
Manual Integrations
APPROVED

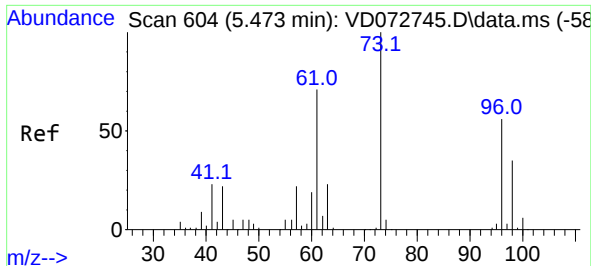
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#20
Methylene Chloride
Concen: 47.787 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

Tgt Ion: 84 Resp: 238783
Ion Ratio Lower Upper
84 100
49 121.9 112.8 169.2
51 39.1 32.6 48.8
86 64.4 47.9 71.9





#21

trans-1,2-Dichloroethene

Concen: 48.963 ug/l

RT: 5.467 min Scan# 604

Delta R.T. -0.006 min

Lab File: VD072761.D

Acq: 03 May 2022 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 216650

Ion Ratio Lower Upper

96 100

61 138.3 117.9 176.9

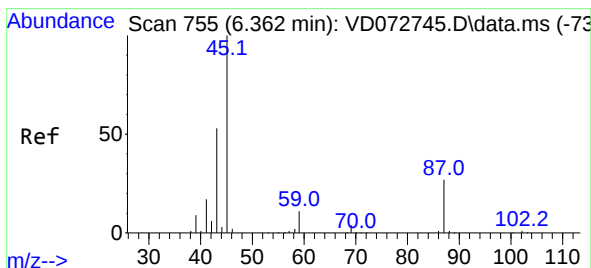
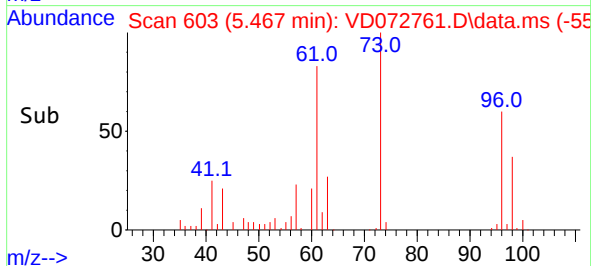
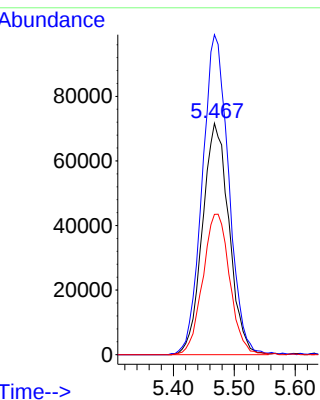
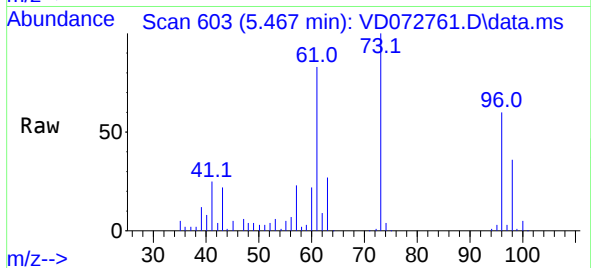
98 60.7 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/04/2022

Supervised By :Mahesh Dadoda 05/04/2022



#22

Diisopropyl ether

Concen: 48.962 ug/l

RT: 6.361 min Scan# 755

Delta R.T. -0.001 min

Lab File: VD072761.D

Acq: 03 May 2022 11:11

Tgt Ion: 45 Resp: 670890

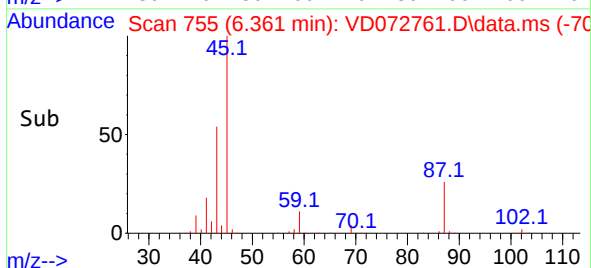
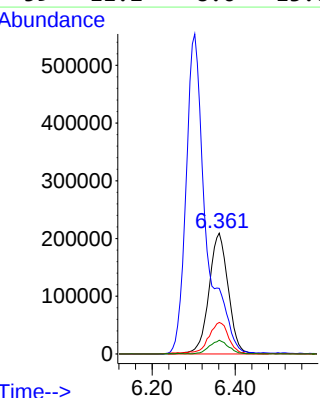
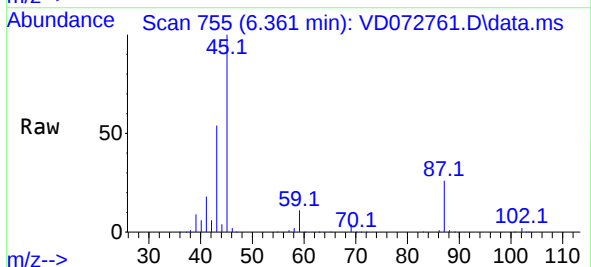
Ion Ratio Lower Upper

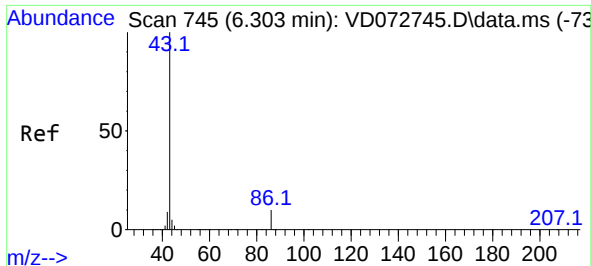
45 100

43 53.5 46.6 70.0

87 25.9 18.4 27.6

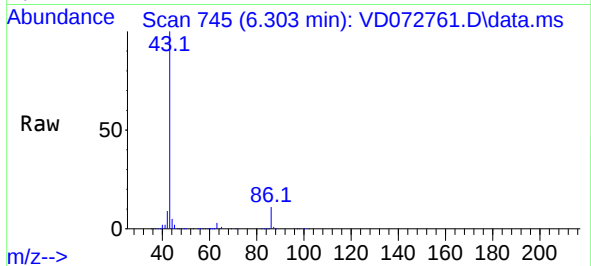
59 11.2 8.6 13.0





#23
 Vinyl Acetate
 Concen: 243.087 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072761.D
 Acq: 03 May 2022 11:11

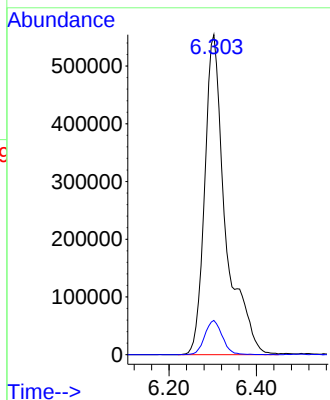
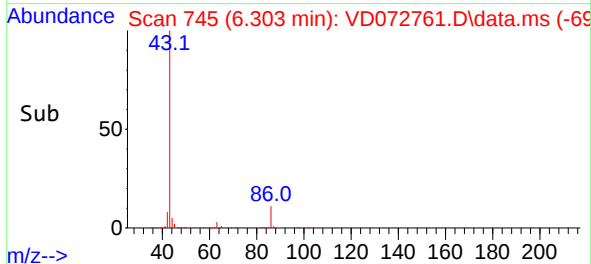
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



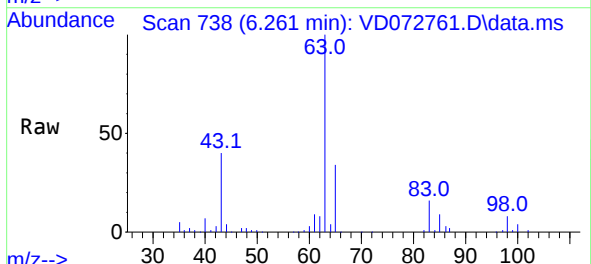
Tgt Ion: 43 Resp: 1839989
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.1 10.7

Manual Integrations
 APPROVED

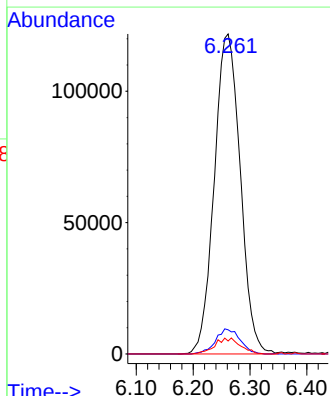
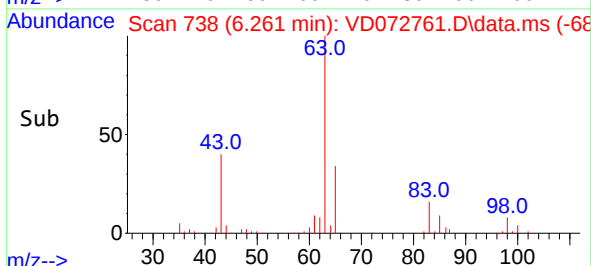
Reviewed By :John Carlone 05/04/2022
 Supervised By :Mahesh Dadoda 05/04/2022

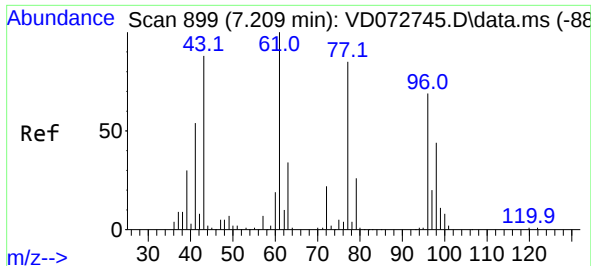


#24
 1,1-Dichloroethane
 Concen: 47.013 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.005 min
 Lab File: VD072761.D
 Acq: 03 May 2022 11:11



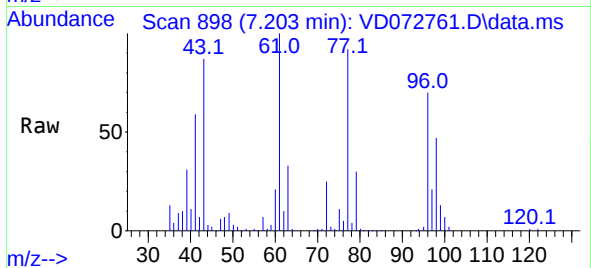
Tgt Ion: 63 Resp: 387028
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.9
 100 4.1 2.1 6.5





#25
2-Butanone
Concen: 245.558 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

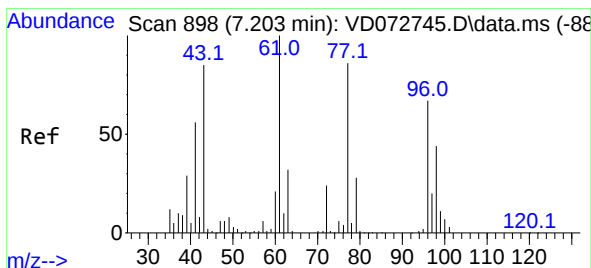
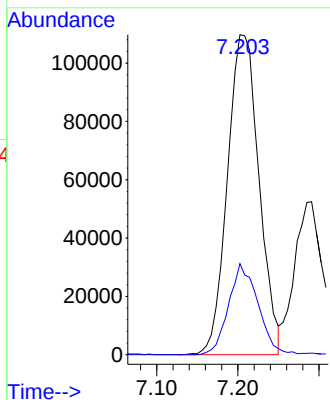
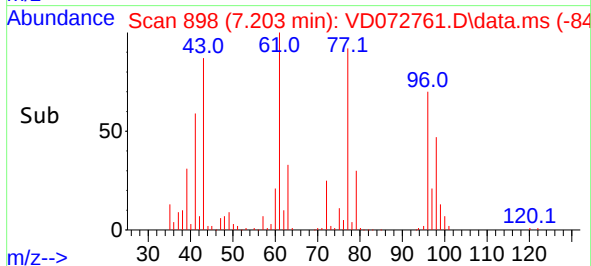
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



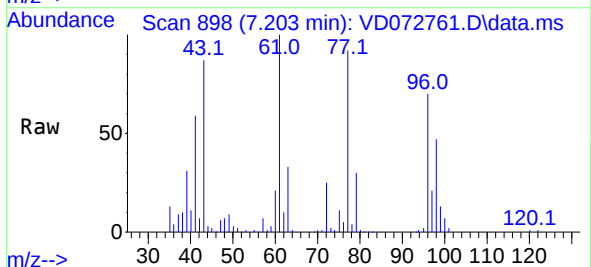
Tgt Ion: 43 Resp: 297160
Ion Ratio Lower Upper
43 100
72 28.5 18.6 27.8

Manual Integrations
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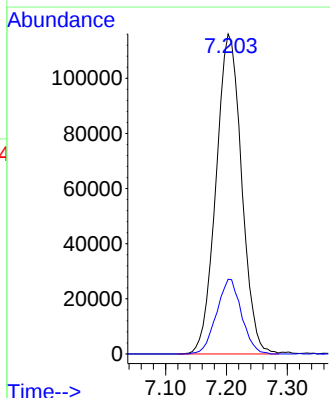
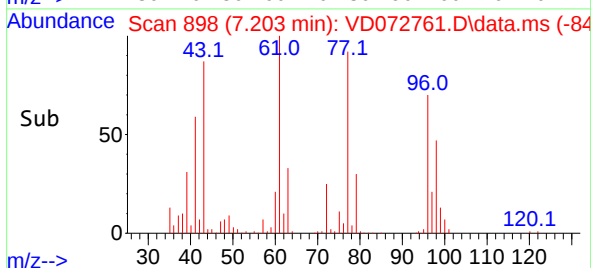
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

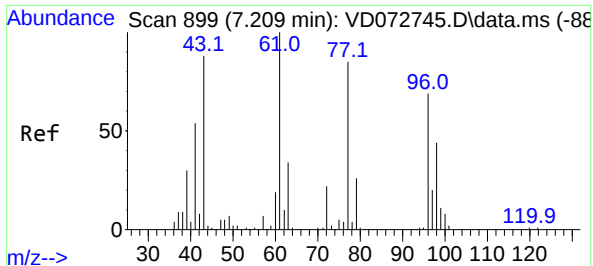


#26
2,2-Dichloropropane
Concen: 48.725 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11



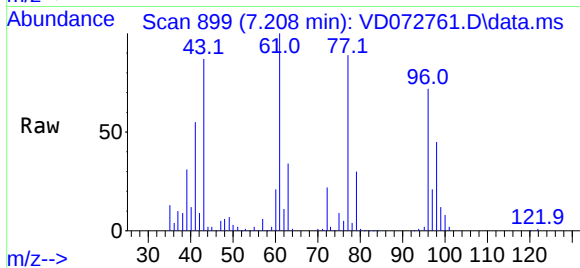
Tgt Ion: 77 Resp: 339104
Ion Ratio Lower Upper
77 100
97 22.7 10.8 32.4





#27
cis-1,2-Dichloroethene
Concen: 48.234 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

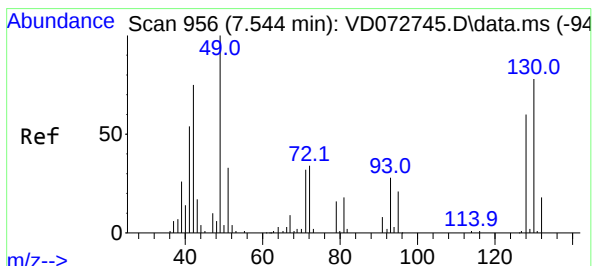
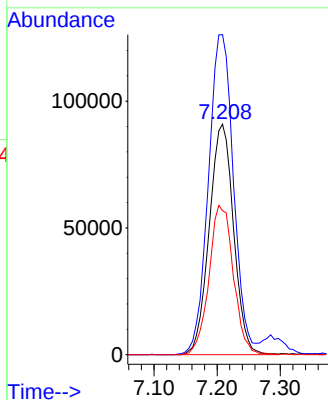
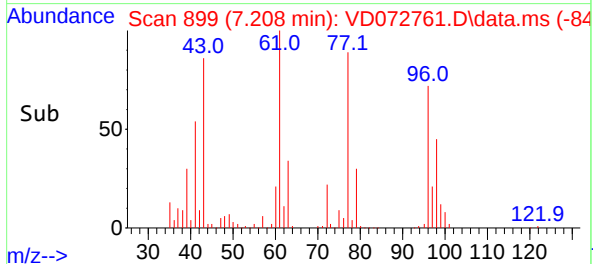
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 24444
Ion Ratio Lower Upper
96 100
61 142.7 0.0 313.8
98 64.6 0.0 128.8

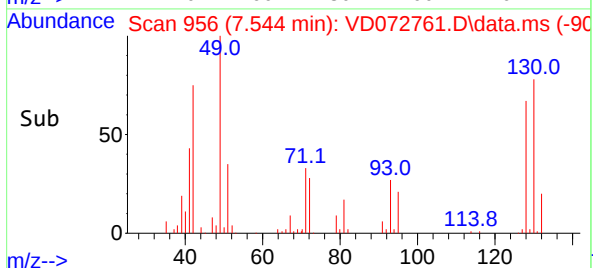
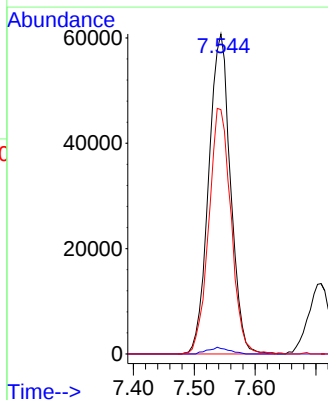
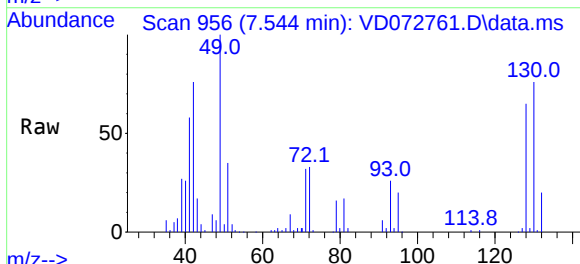
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#28
Bromochloromethane
Concen: 49.266 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

Tgt Ion: 49 Resp: 151242
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 78.1 52.6 79.0





#29

Tetrahydrofuran

Concen: 233.960 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD072761.D

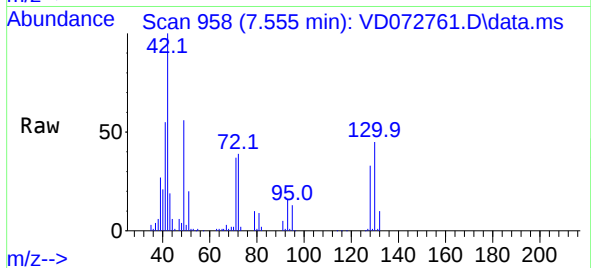
Acq: 03 May 2022 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



Tgt Ion: 42 Resp: 18046

Ion Ratio Lower Upper

42 100

72 41.2 30.7 46.1

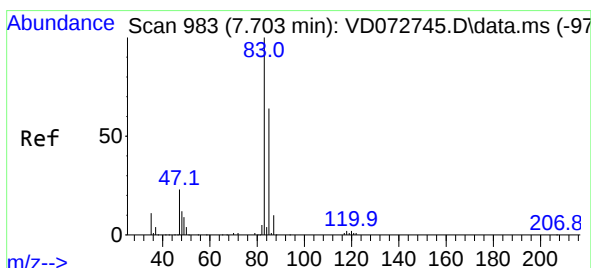
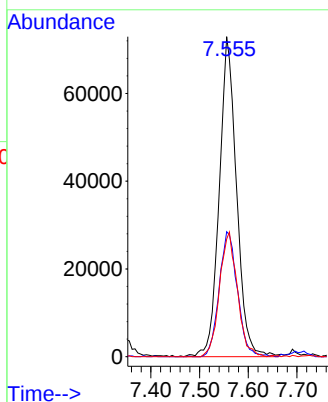
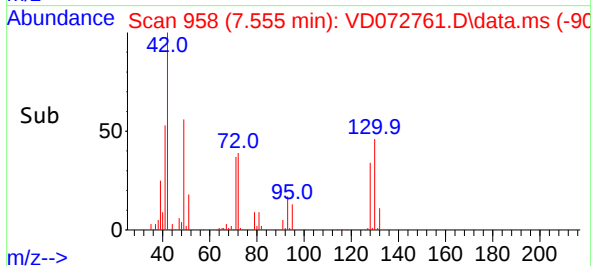
71 40.1 28.6 43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/04/2022

Supervised By :Mahesh Dadoda 05/04/2022



#30

Chloroform

Concen: 48.447 ug/l

RT: 7.702 min Scan# 983

Delta R.T. -0.001 min

Lab File: VD072761.D

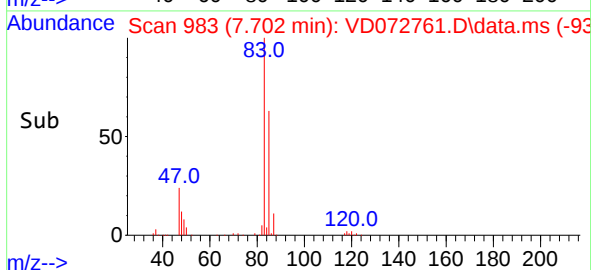
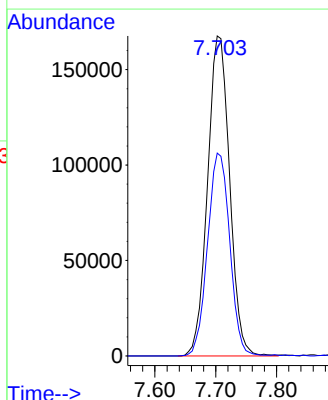
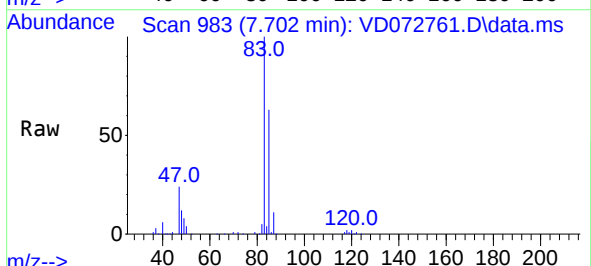
Acq: 03 May 2022 11:11

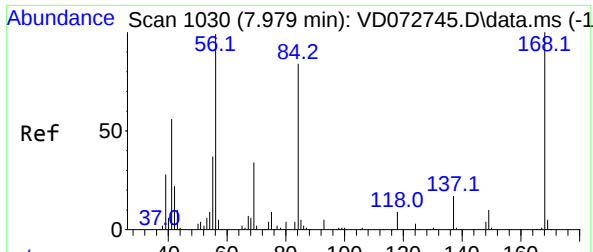
Tgt Ion: 83 Resp: 422002

Ion Ratio Lower Upper

83 100

85 63.4 52.7 79.1





#31

Cyclohexane

Concen: 47.038 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD072761.D

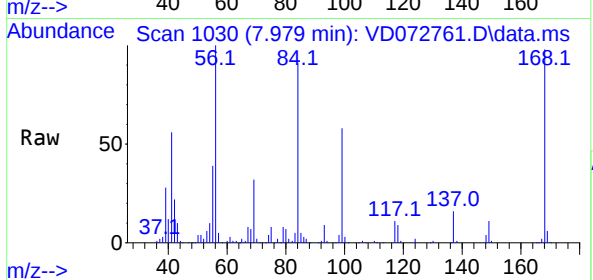
Acq: 03 May 2022 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



Tgt Ion: 56 Resp: 34151

Ion Ratio Lower Upper

56 100

69 32.1 25.4 38.2

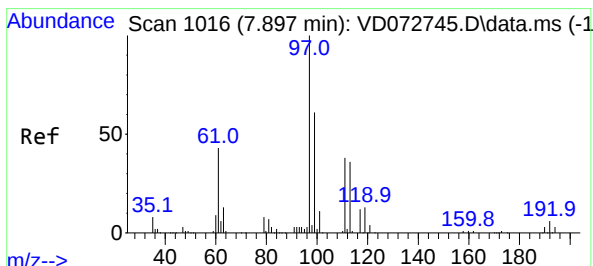
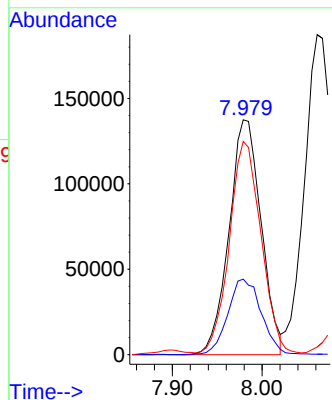
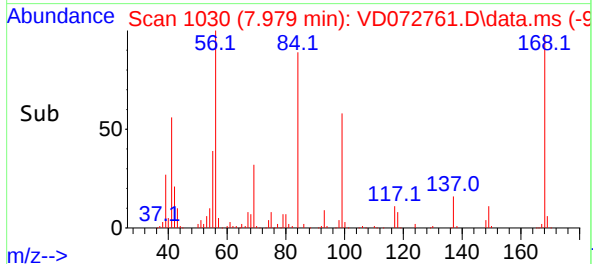
84 89.3 63.0 94.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/04/2022

Supervised By :Mahesh Dadoda 05/04/2022



#32

1,1,1-Trichloroethane

Concen: 48.517 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.000 min

Lab File: VD072761.D

Acq: 03 May 2022 11:11

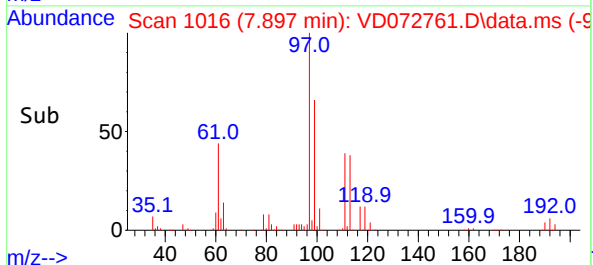
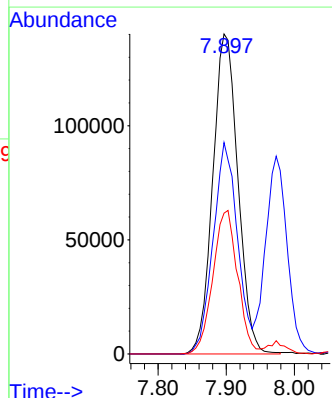
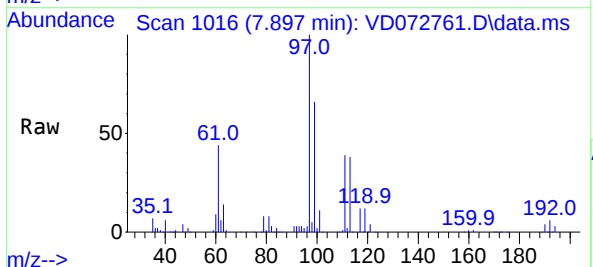
Tgt Ion: 97 Resp: 360187

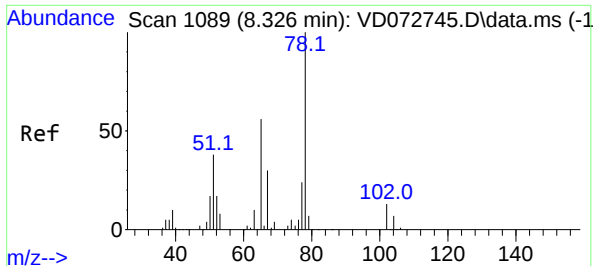
Ion Ratio Lower Upper

97 100

99 64.0 52.4 78.6

61 44.2 38.0 57.0





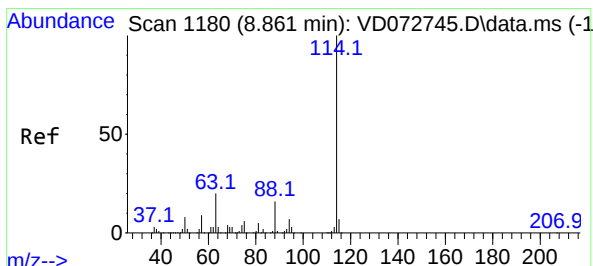
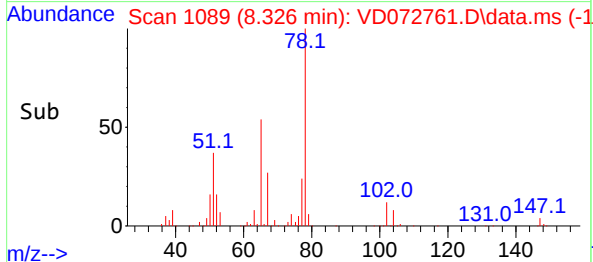
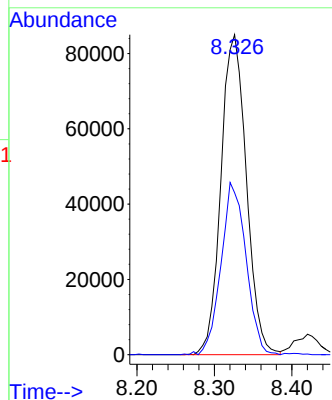
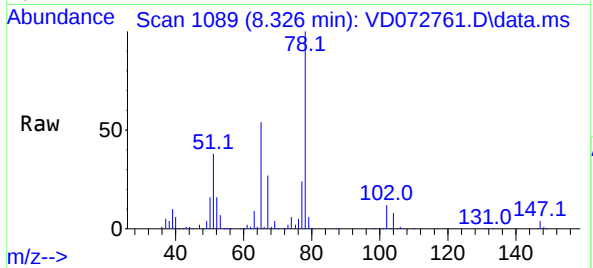
#33
1,2-Dichloroethane-d4
Concen: 46.728 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 19407
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.4

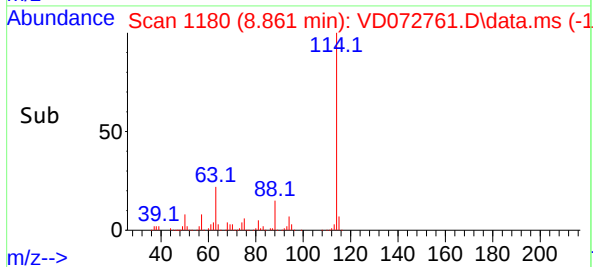
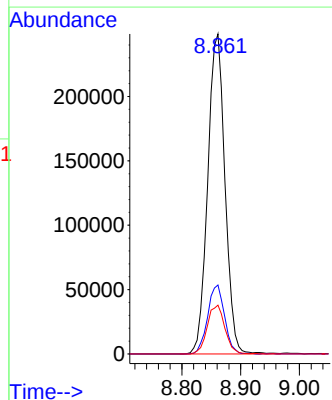
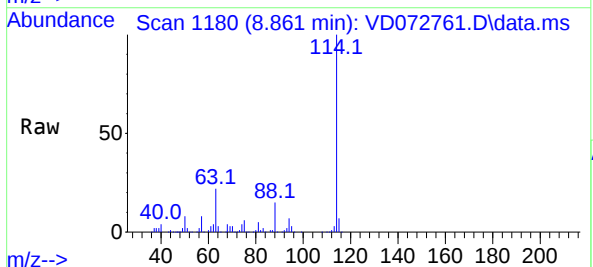
Manual Integrations
APPROVED

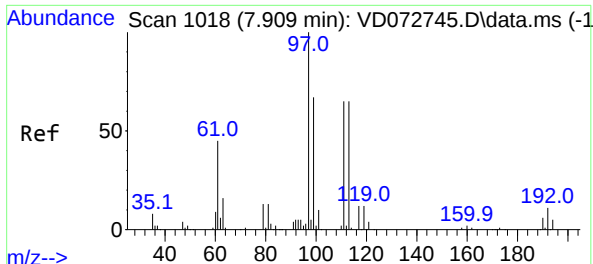
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

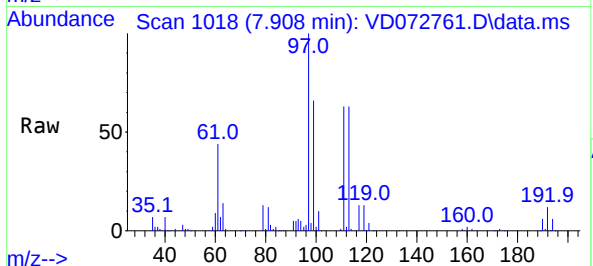
Tgt Ion:114 Resp: 508293
Ion Ratio Lower Upper
114 100
63 21.5 0.0 46.6
88 15.2 0.0 33.2





#35
Dibromofluoromethane
Concen: 50.747 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

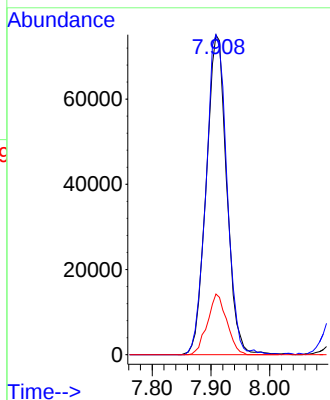
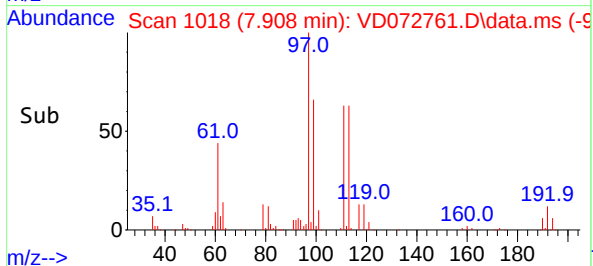
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



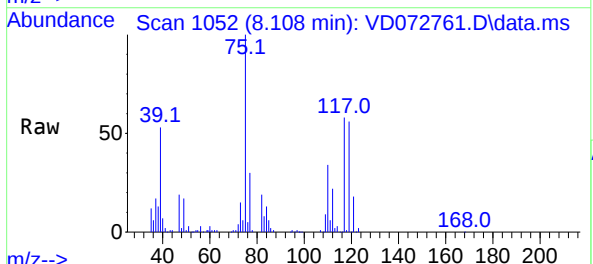
Tgt Ion:113 Resp: 18115
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.6
192 17.9 14.6 21.8

Manual Integrations
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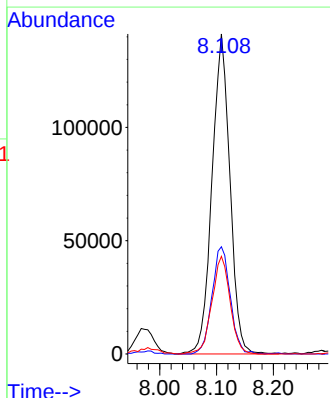
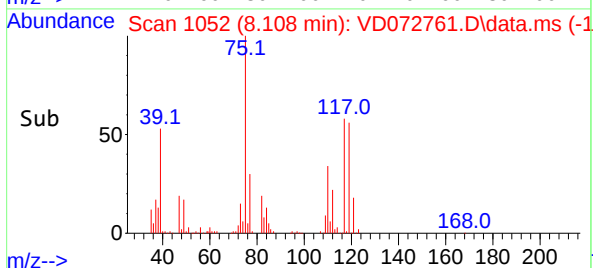
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

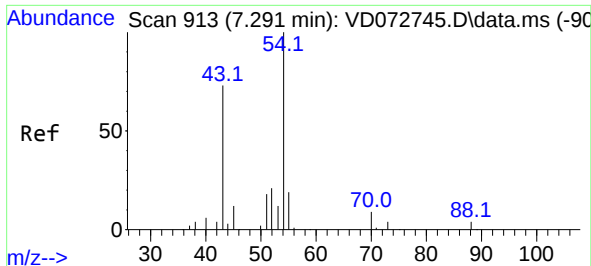


#36
1,1-Dichloropropene
Concen: 53.291 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.001 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11



Tgt Ion: 75 Resp: 309335
Ion Ratio Lower Upper
75 100
110 34.1 16.4 49.1
77 31.0 24.2 36.2





#37

Ethyl Acetate

Concen: 50.170 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.000 min

Lab File: VD072761.D

Acq: 03 May 2022 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 13387

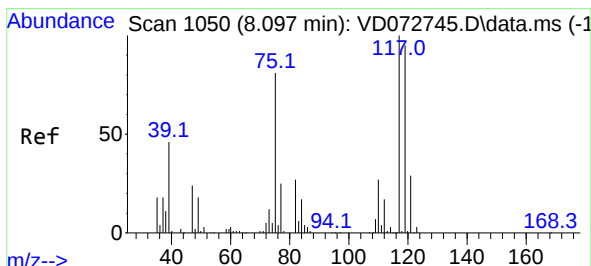
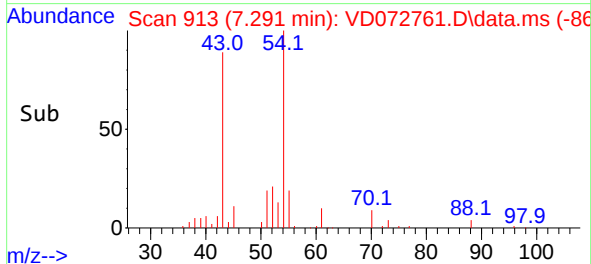
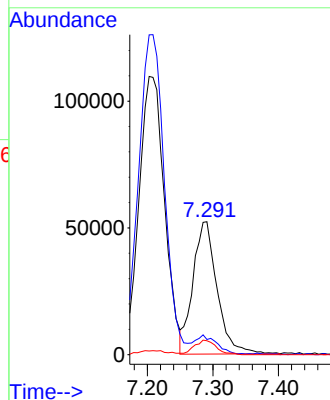
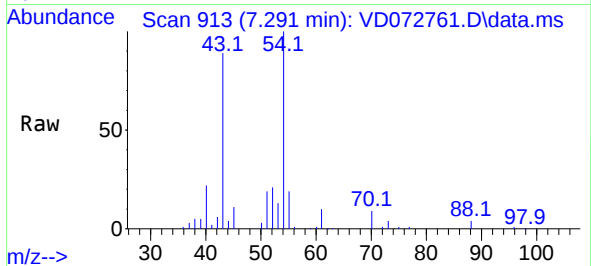
Ion	Ratio	Lower	Upper
43	100		
61	13.3	9.8	14.8
70	10.0	6.9	10.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/04/2022

Supervised By :Mahesh Dadoda 05/04/2022



#38

Carbon Tetrachloride

Concen: 53.166 ug/l

RT: 8.091 min Scan# 1049

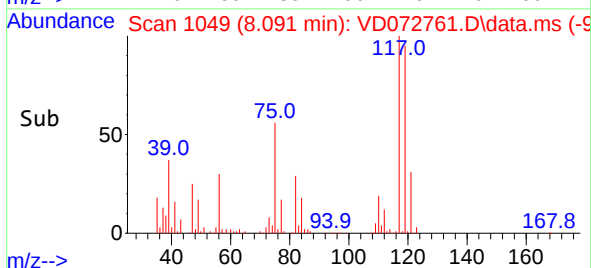
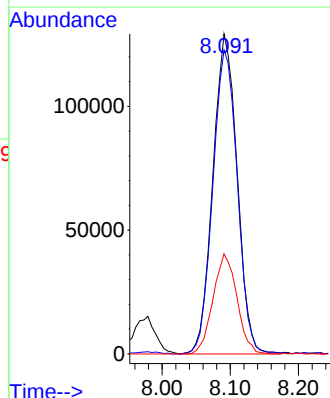
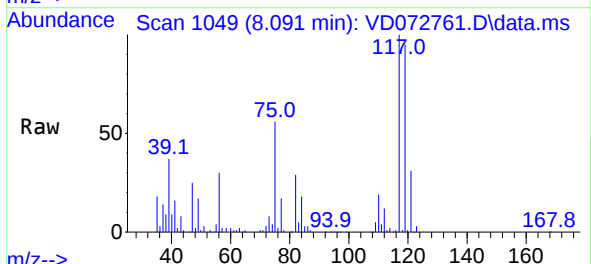
Delta R.T. -0.006 min

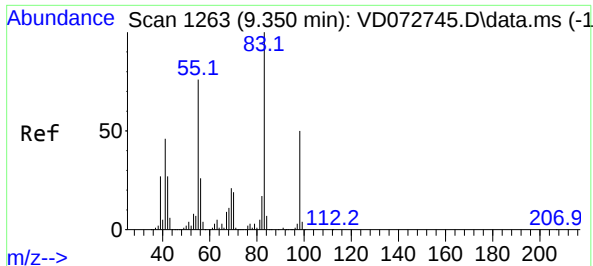
Lab File: VD072761.D

Acq: 03 May 2022 11:11

Tgt Ion:117 Resp: 320349

Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.8	113.6
121	31.3	24.5	36.7





#39

Methylcyclohexane

Concen: 53.858 ug/l

RT: 9.349 min Scan# 1

Delta R.T. -0.001 min

Lab File: VD072761.D

Acq: 03 May 2022 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 362618

Ion Ratio Lower Upper

83 100

55 79.2 63.2 94.8

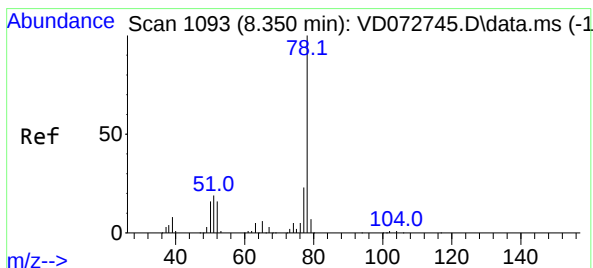
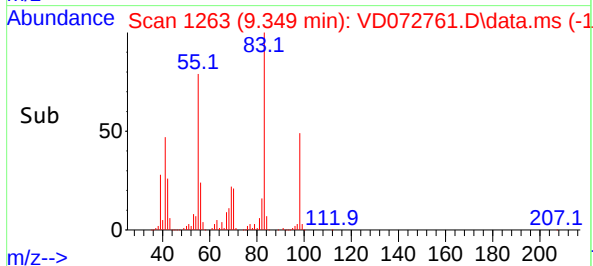
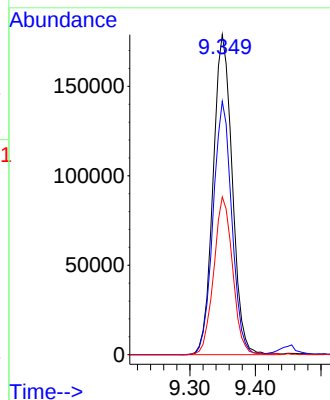
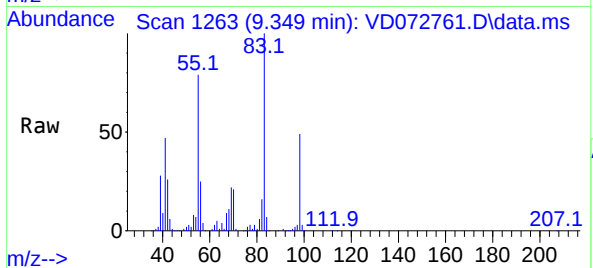
98 49.3 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/04/2022

Supervised By :Mahesh Dadoda 05/04/2022



#40

Benzene

Concen: 51.965 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD072761.D

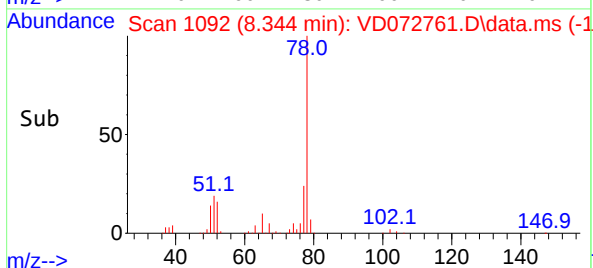
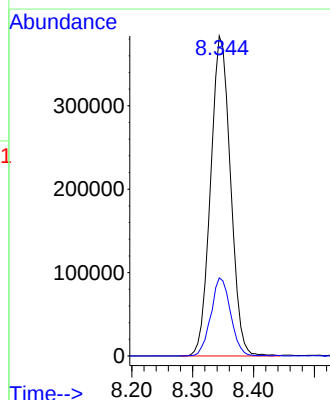
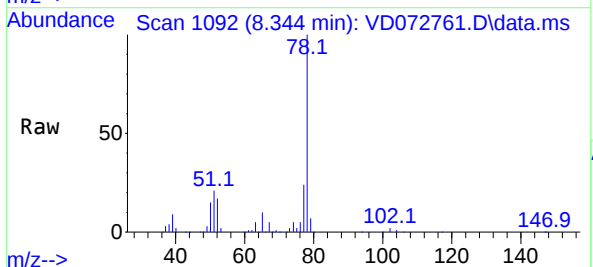
Acq: 03 May 2022 11:11

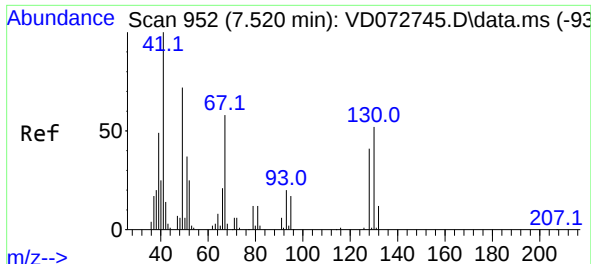
Tgt Ion: 78 Resp: 871081

Ion Ratio Lower Upper

78 100

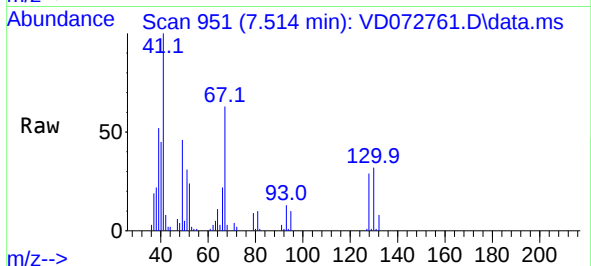
77 24.4 19.1 28.7





#41
Methacrylonitrile
Concen: 47.785 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

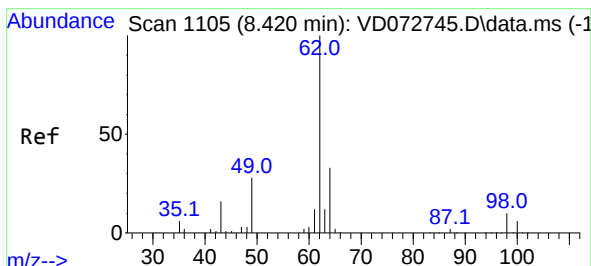
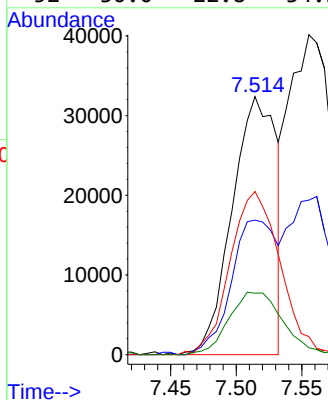
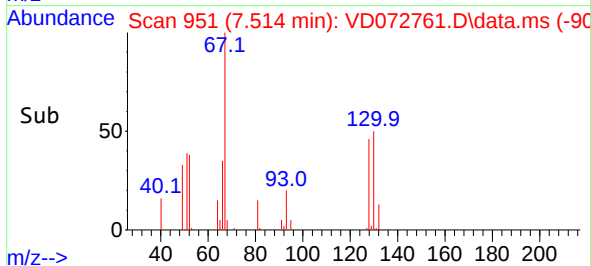
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



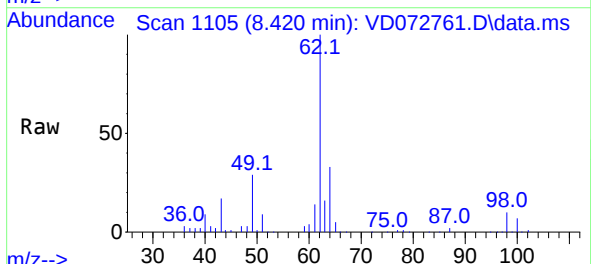
Tgt Ion: 41 Resp: 75924
Ion Ratio Lower Upper
41 100
39 53.3 44.6 67.0
67 72.3 48.2 72.4
52 30.0 22.8 34.2

Manual Integrations
APPROVED

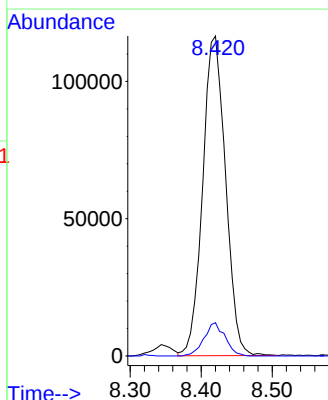
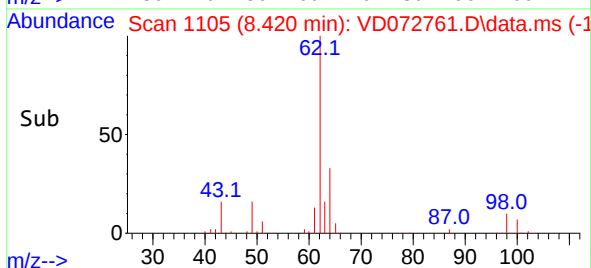
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

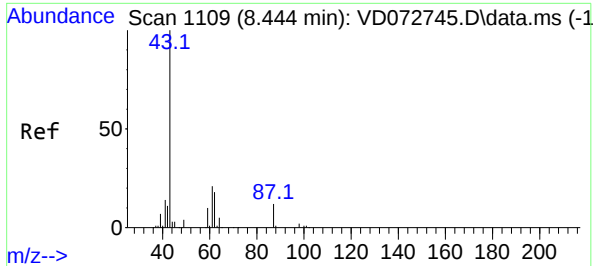


#42
1,2-Dichloroethane
Concen: 51.595 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11



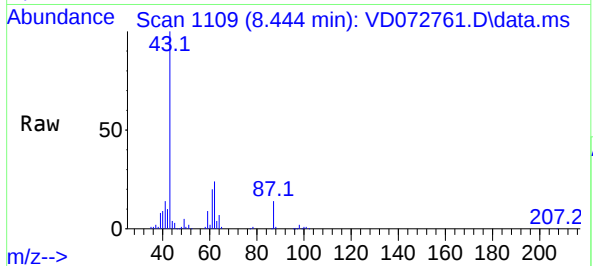
Tgt Ion: 62 Resp: 260625
Ion Ratio Lower Upper
62 100
98 9.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 50.751 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

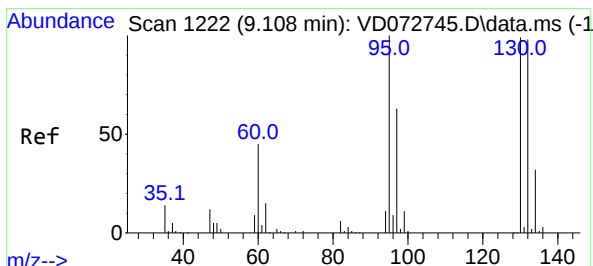
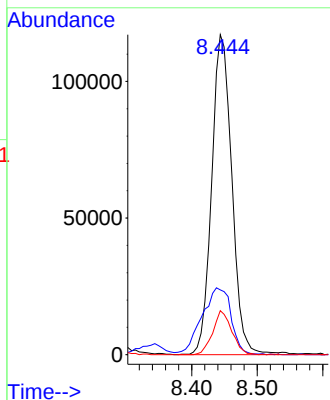
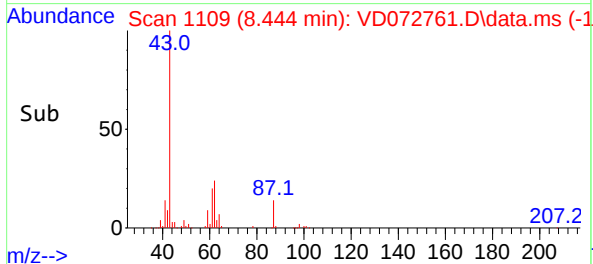
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 249952
Ion Ratio Lower Upper
43 100
61 30.5 22.4 33.6
87 13.0 8.7 13.1

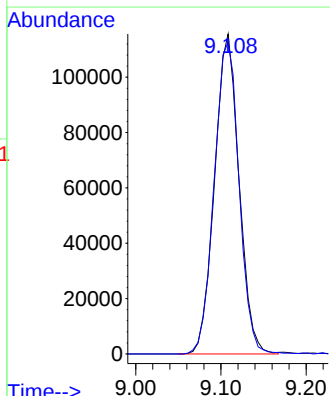
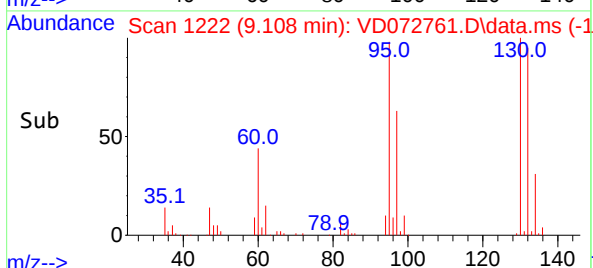
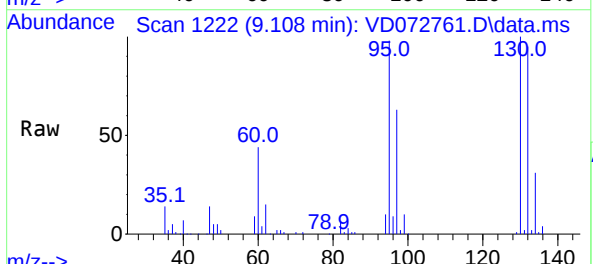
Manual Integrations
APPROVED

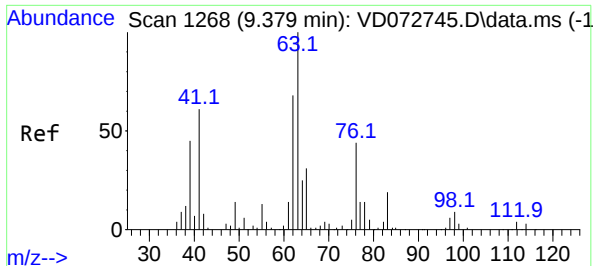
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#44
Trichloroethene
Concen: 51.244 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

Tgt Ion:130 Resp: 229808
Ion Ratio Lower Upper
130 100
95 97.5 0.0 205.4





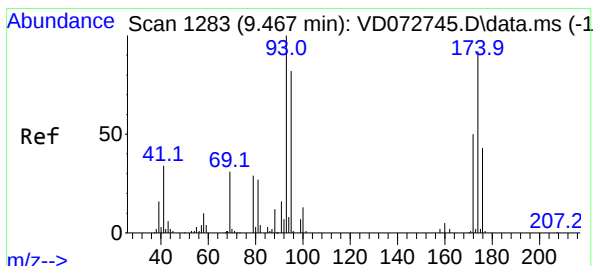
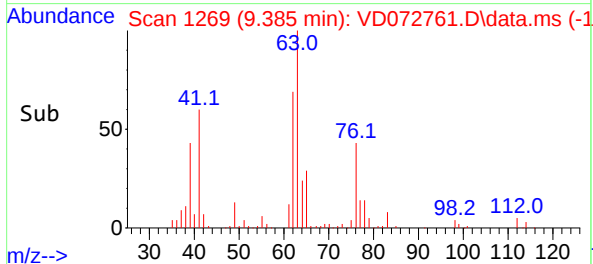
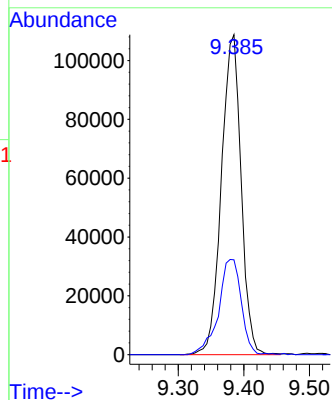
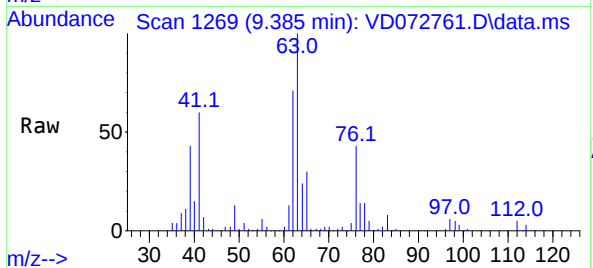
#45
1,2-Dichloropropane
Concen: 51.492 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. 0.006 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 226679
Ion Ratio Lower Upper
63 100
65 29.7 26.2 39.4

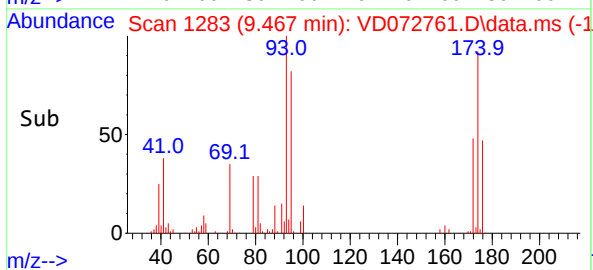
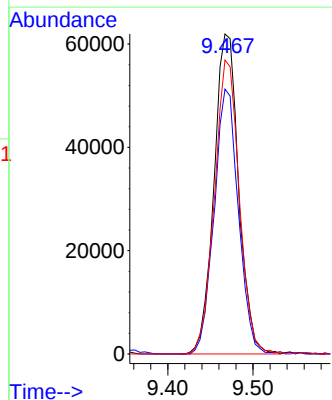
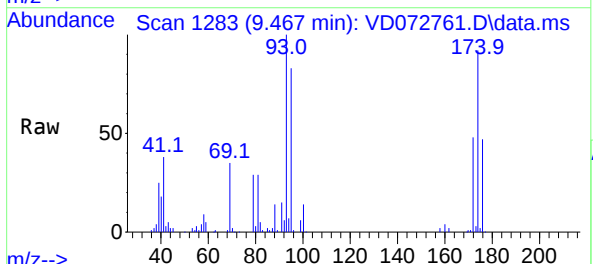
Manual Integrations
APPROVED

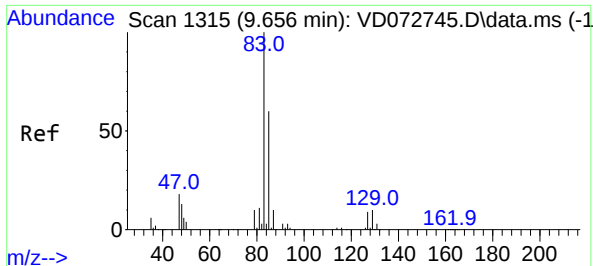
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#46
Dibromomethane
Concen: 51.157 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

Tgt Ion: 93 Resp: 124226
Ion Ratio Lower Upper
93 100
95 81.6 66.7 100.1
174 92.8 71.6 107.4





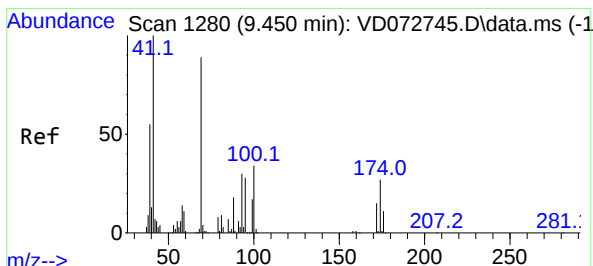
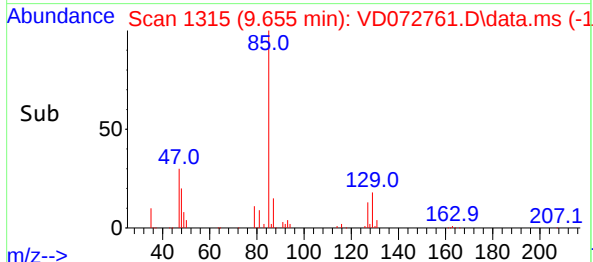
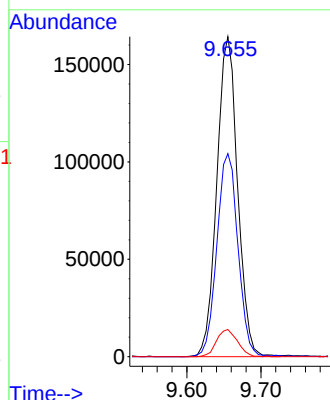
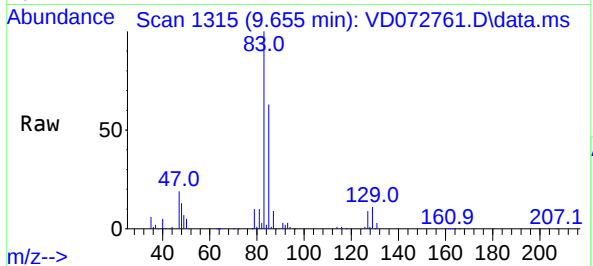
#47
Bromodichloromethane
Concen: 51.183 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.001 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 31974
Ion Ratio Lower Upper
83 100
85 63.5 51.4 77.0
127 8.5 6.1 9.1

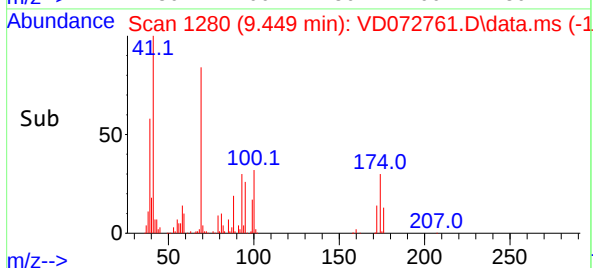
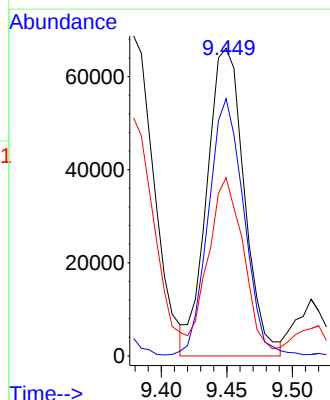
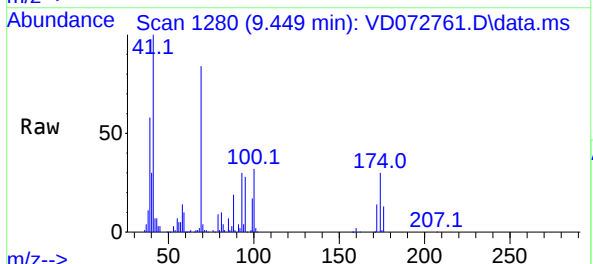
Manual Integrations
APPROVED

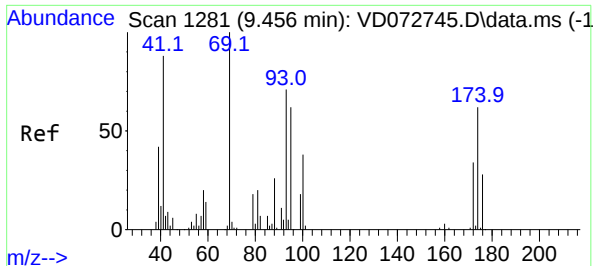
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#48
Methyl methacrylate
Concen: 54.525 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.001 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

Tgt Ion: 41 Resp: 131374
Ion Ratio Lower Upper
41 100
69 78.6 56.7 85.1
39 50.3 42.7 64.1





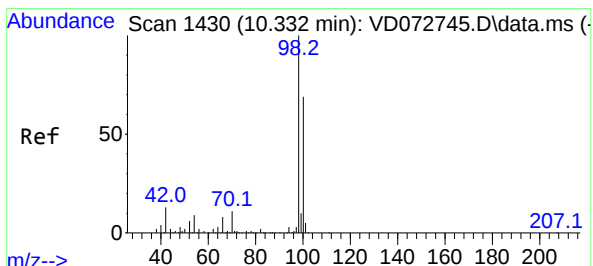
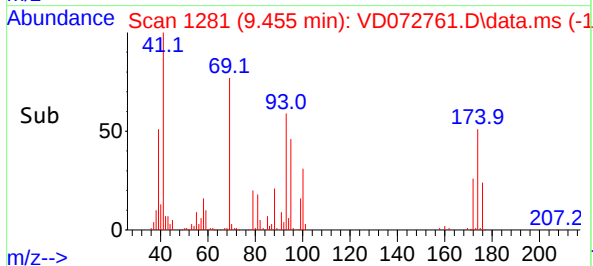
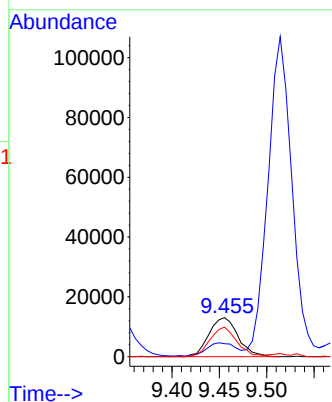
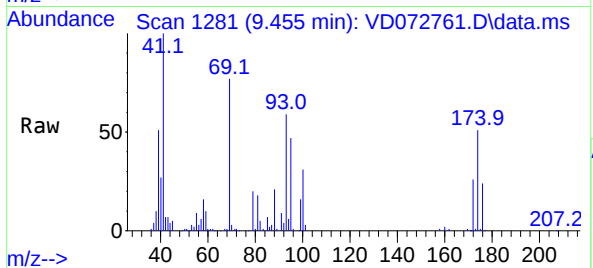
#49
1,4-Dioxane
Concen: 1021.274 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.001 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 2792
Ion Ratio Lower Upper
88 100
43 33.3 31.0 46.4
58 69.4 58.1 87.1

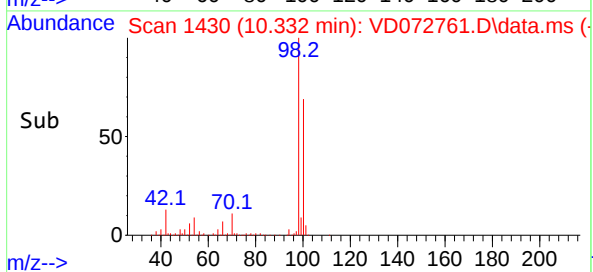
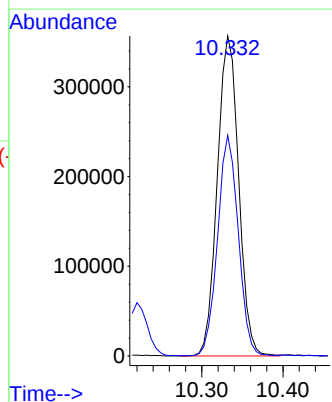
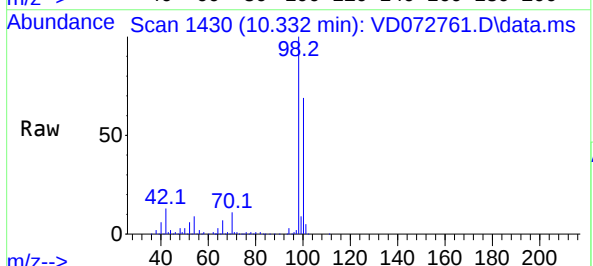
Manual Integrations
APPROVED

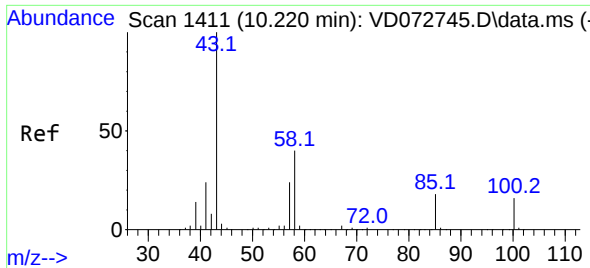
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#50
Toluene-d8
Concen: 50.979 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

Tgt Ion: 98 Resp: 652798
Ion Ratio Lower Upper
98 100
100 66.7 52.4 78.6





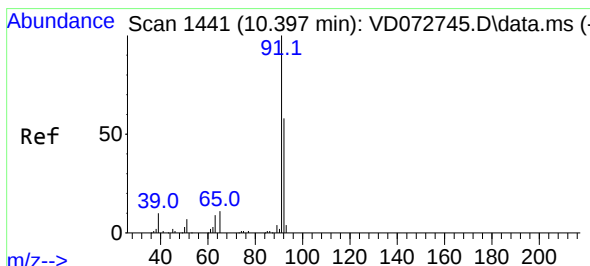
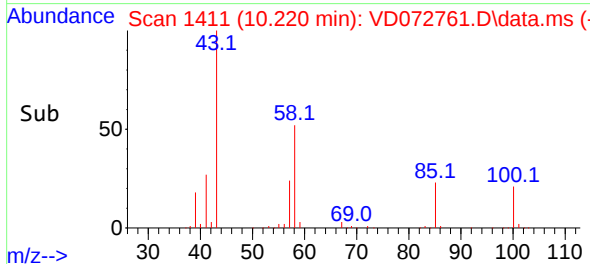
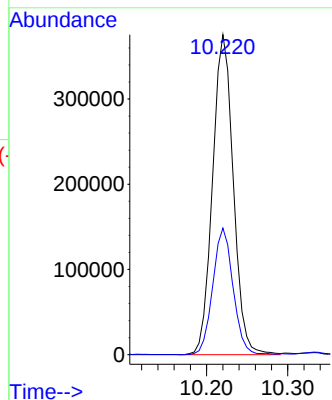
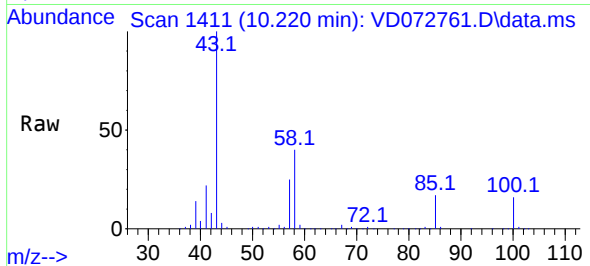
#51
4-Methyl-2-Pentanone
Concen: 260.702 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 66720
Ion Ratio Lower Upper
43 100
58 38.7 28.6 43.0

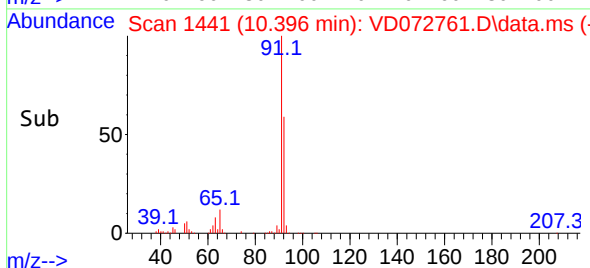
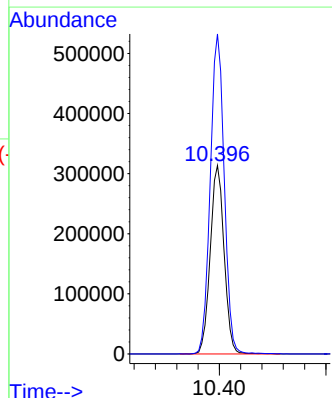
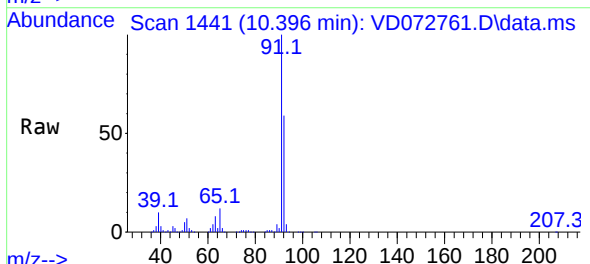
Manual Integrations
APPROVED

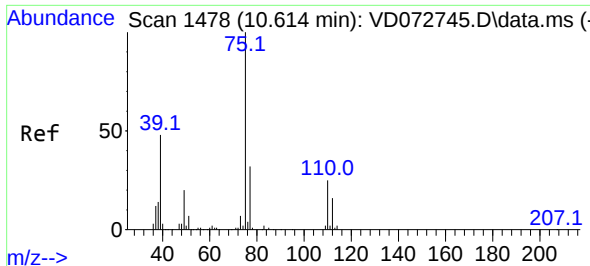
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#52
Toluene
Concen: 54.063 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

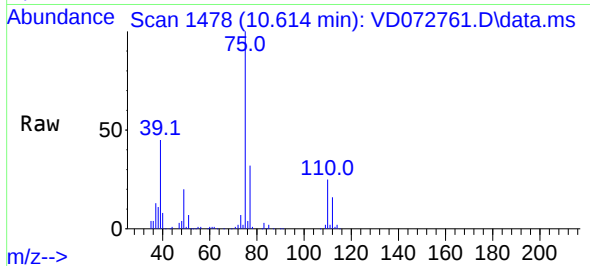
Tgt Ion: 92 Resp: 565312
Ion Ratio Lower Upper
92 100
91 171.2 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 51.525 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

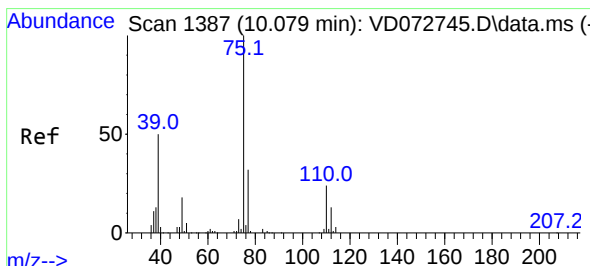
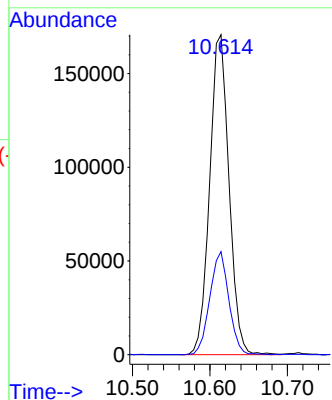
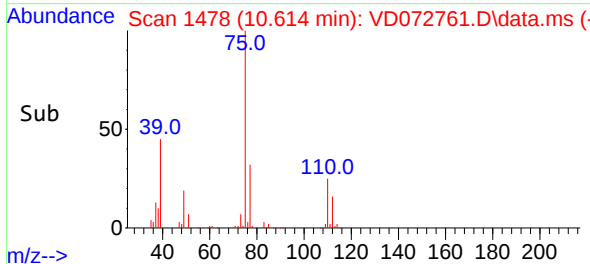
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



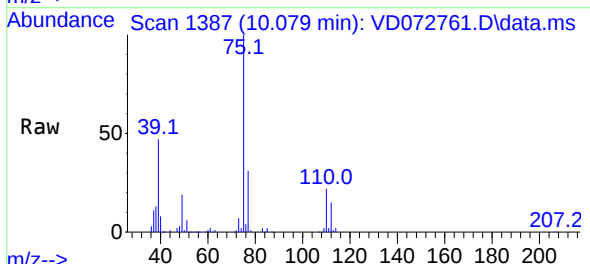
Tgt Ion: 75 Resp: 295652
Ion Ratio Lower Upper
75 100
77 32.2 24.5 36.7

Manual Integrations
APPROVED

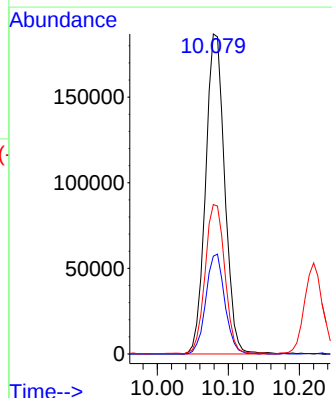
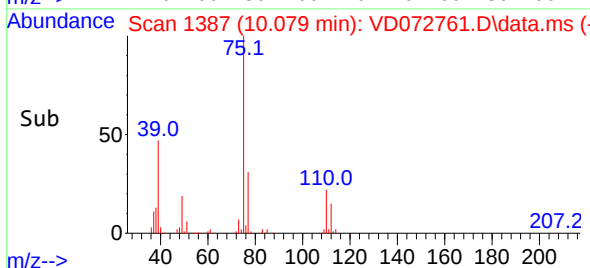
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

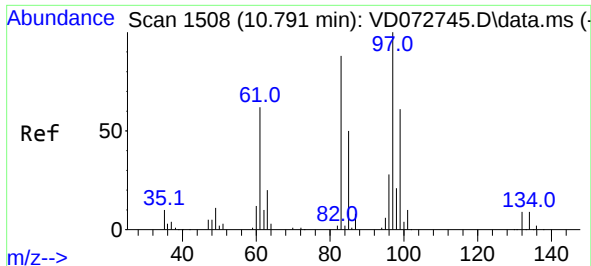


#54
cis-1,3-Dichloropropene
Concen: 52.526 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11



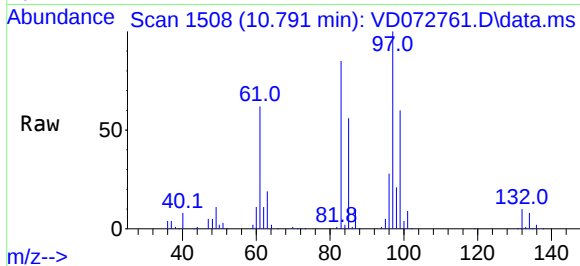
Tgt Ion: 75 Resp: 350162
Ion Ratio Lower Upper
75 100
77 30.5 24.8 37.2
39 46.5 46.8 70.2#





#55
1,1,2-Trichloroethane
Concen: 51.864 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

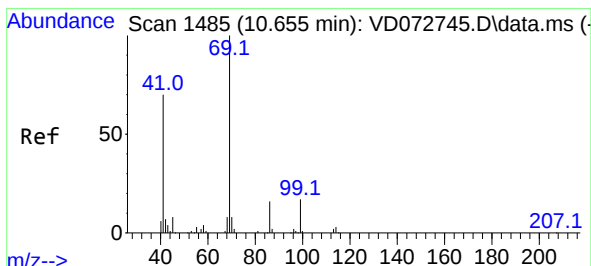
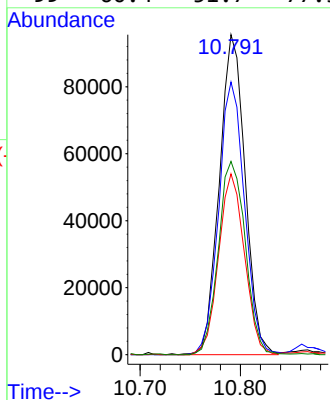
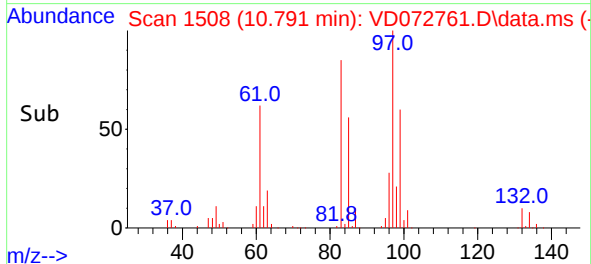


Tgt Ion: 97 Resp: 170250

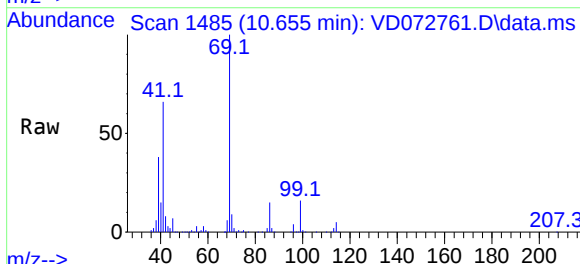
Ion	Ratio	Lower	Upper
97	100		
83	85.2	69.0	103.4
85	56.5	42.6	63.8
99	60.4	51.7	77.5

Manual Integrations
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Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

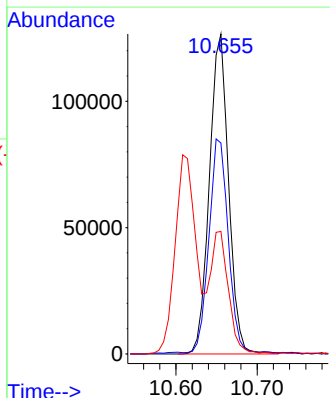
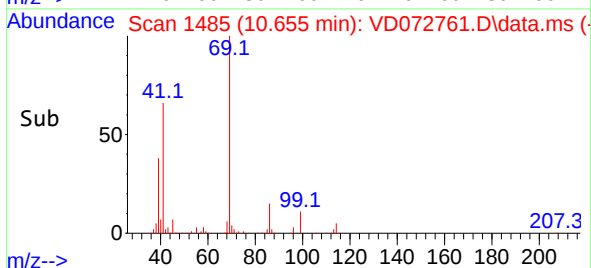


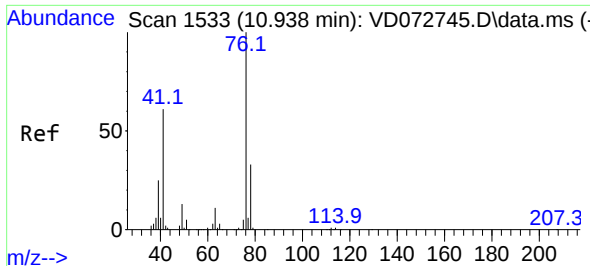
#56
Ethyl methacrylate
Concen: 53.819 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11



Tgt Ion: 69 Resp: 208020

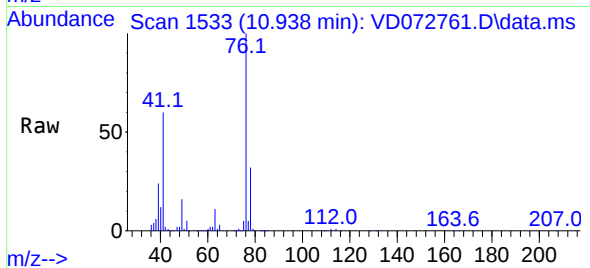
Ion	Ratio	Lower	Upper
69	100		
41	66.6	63.0	94.6
39	33.7	33.8	50.8





#57
1,3-Dichloropropane
Concen: 52.135 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

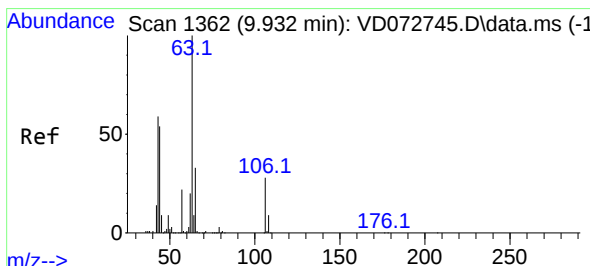
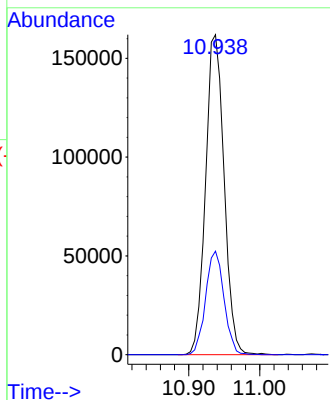
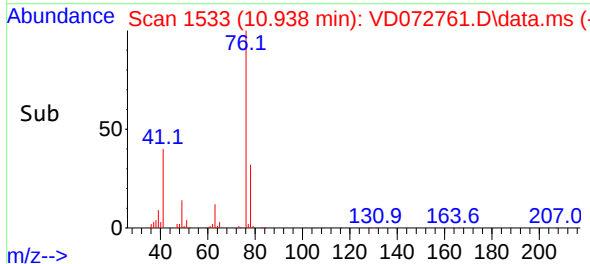
Instrument : MSVOA_D
ClientSampleId : VSTDCCC050



Tgt Ion: 76 Resp: 293700
Ion Ratio Lower Upper
76 100
78 32.2 26.0 39.0

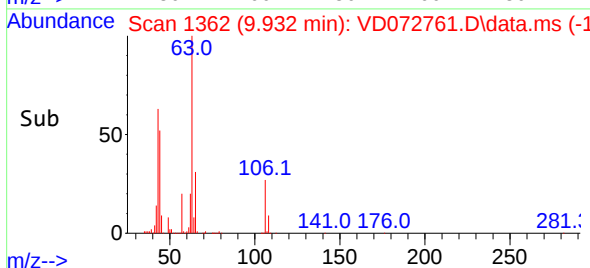
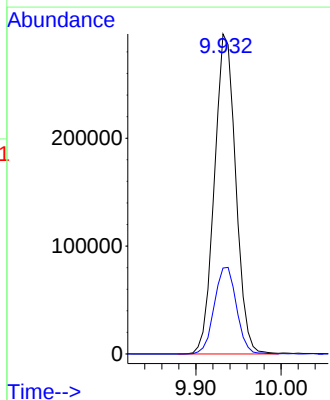
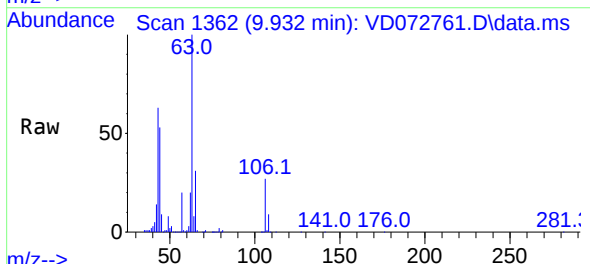
Manual Integrations
APPROVED

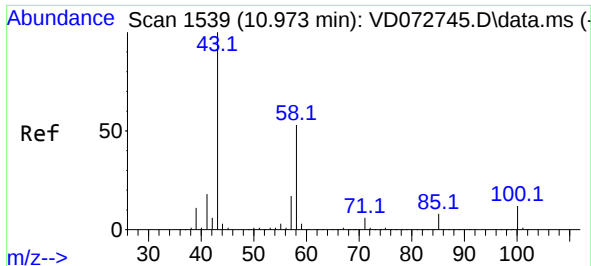
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#58
2-Chloroethyl Vinyl ether
Concen: 275.117 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

Tgt Ion: 63 Resp: 515564
Ion Ratio Lower Upper
63 100
106 28.2 21.4 32.0





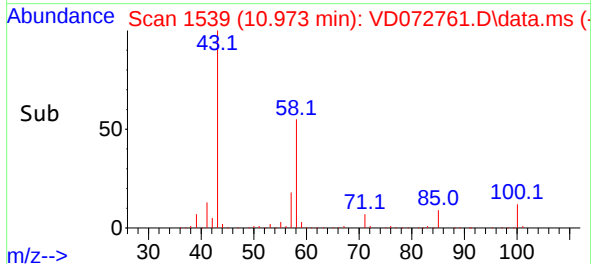
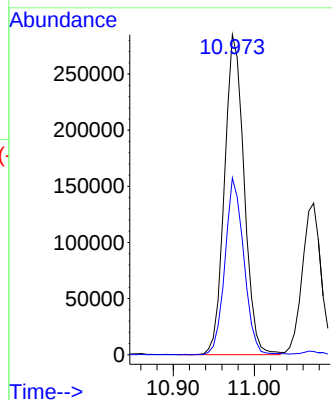
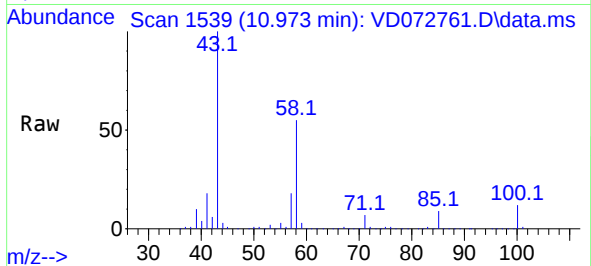
#59
2-Hexanone
Concen: 278.060 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 478840
Ion Ratio Lower Upper
43 100
58 53.1 25.3 75.9

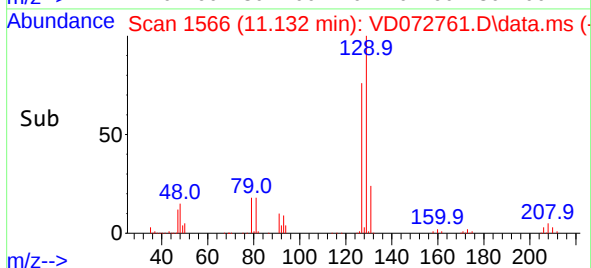
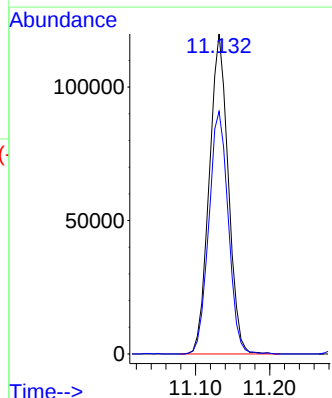
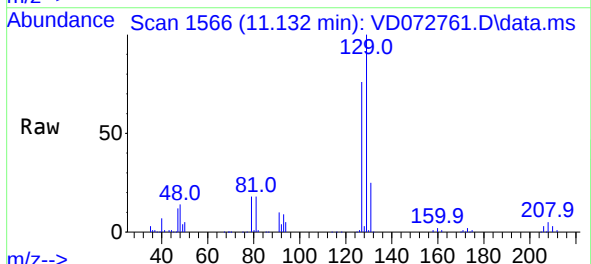
Manual Integrations
APPROVED

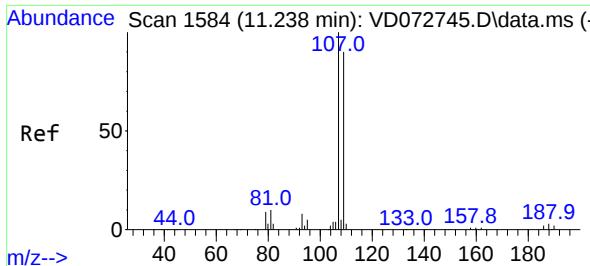
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#60
Dibromochloromethane
Concen: 51.719 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

Tgt Ion:129 Resp: 213731
Ion Ratio Lower Upper
129 100
127 77.4 39.2 117.6





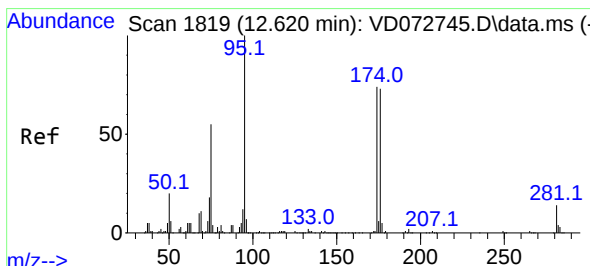
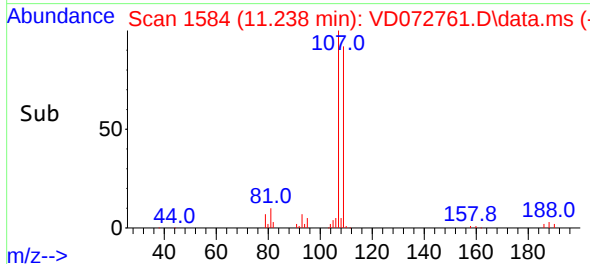
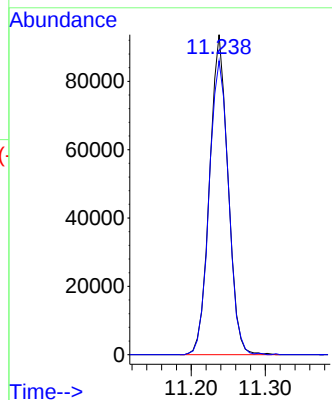
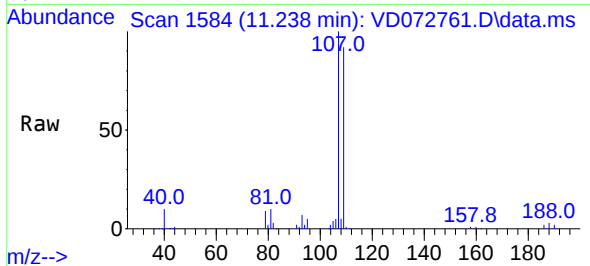
#61
1,2-Dibromoethane
Concen: 50.720 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 16206
Ion Ratio Lower Upper
107 100
109 96.5 74.2 111.4

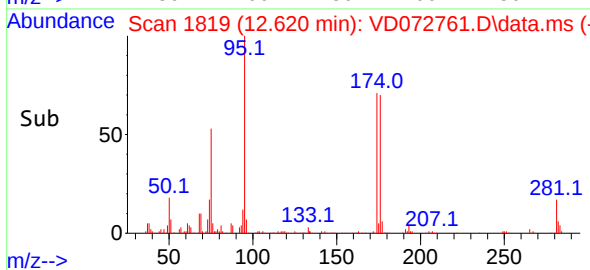
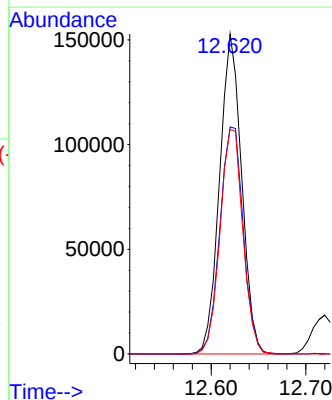
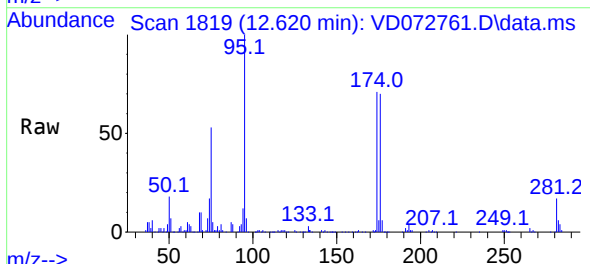
Manual Integrations
APPROVED

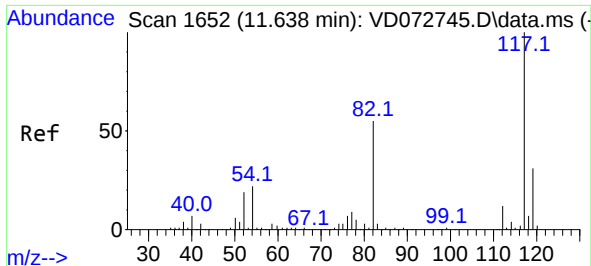
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#62
4-Bromofluorobenzene
Concen: 51.724 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

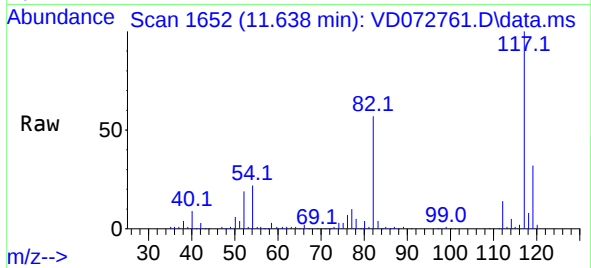
Tgt Ion: 95 Resp: 246968
Ion Ratio Lower Upper
95 100
174 75.5 0.0 152.8
176 72.8 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

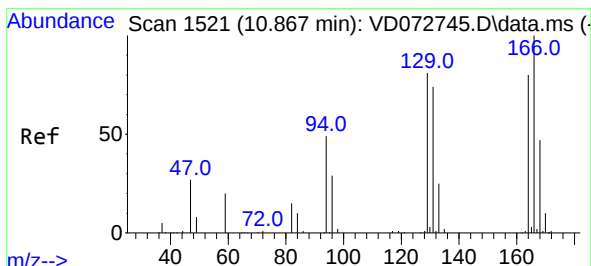
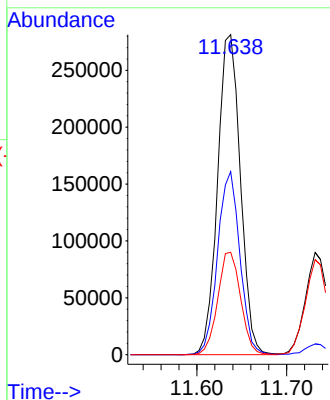
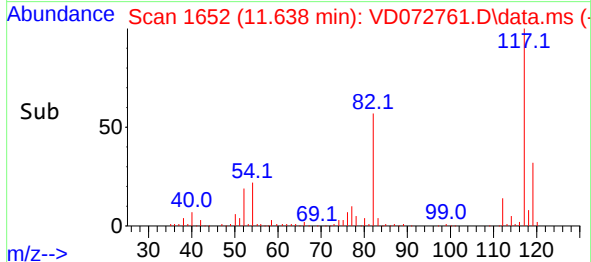
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



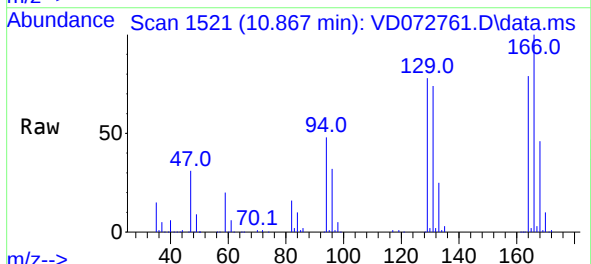
Tgt Ion:117 Resp: 496984
Ion Ratio Lower Upper
117 100
82 57.2 45.3 67.9
119 32.0 26.6 40.0

Manual Integrations
APPROVED

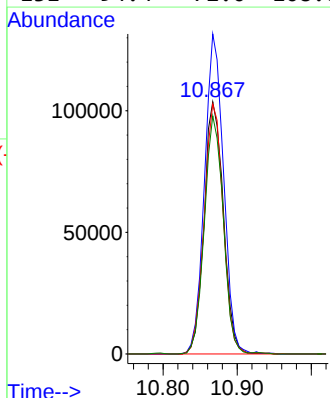
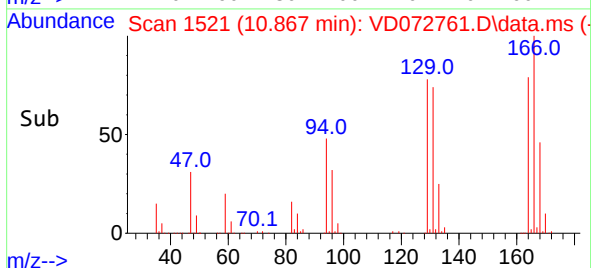
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

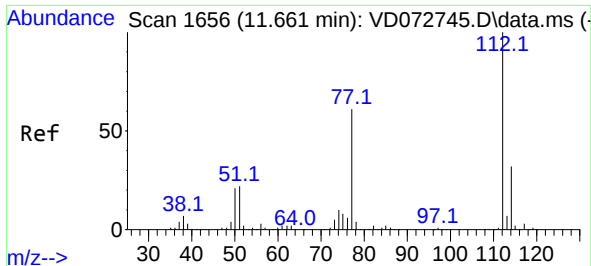


#64
Tetrachloroethene
Concen: 51.538 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11



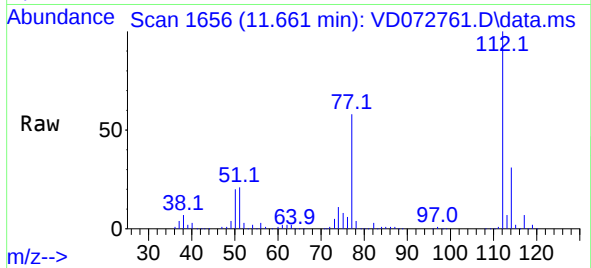
Tgt Ion:164 Resp: 187264
Ion Ratio Lower Upper
164 100
166 126.9 98.5 147.7
129 99.1 74.6 111.8
131 94.4 72.0 108.0





#65
Chlorobenzene
Concen: 51.212 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

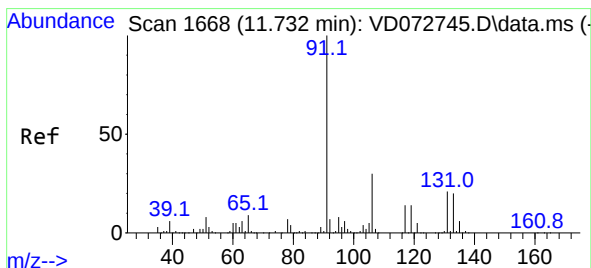
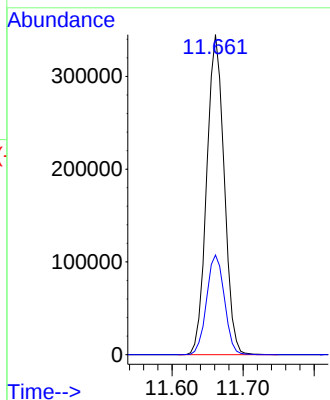
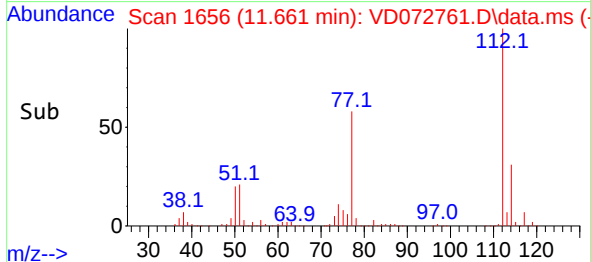
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



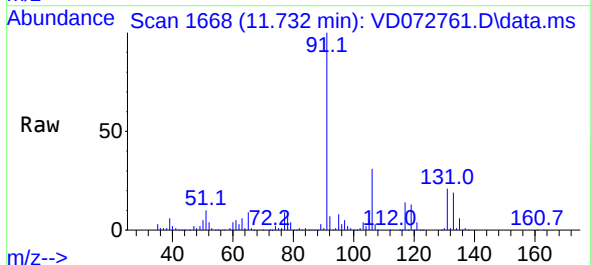
Tgt Ion:112 Resp: 58867
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.6

Manual Integrations
APPROVED

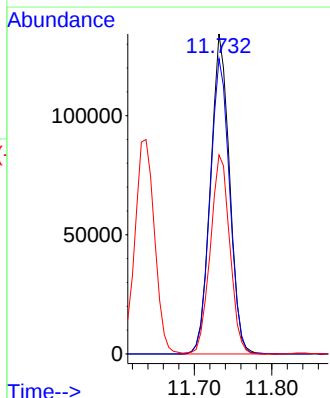
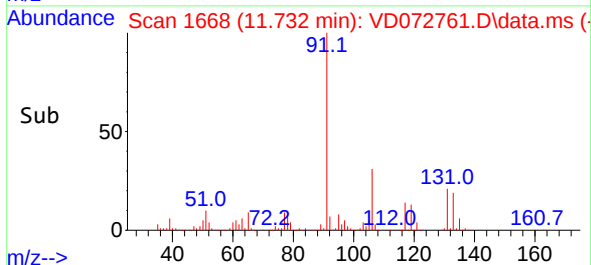
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

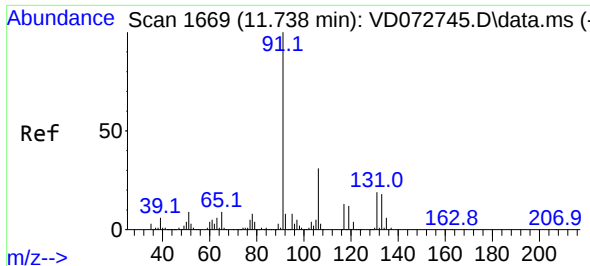


#66
1,1,1,2-Tetrachloroethane
Concen: 52.855 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11



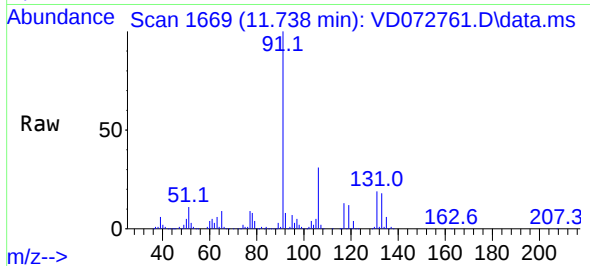
Tgt Ion:131 Resp: 228331
Ion Ratio Lower Upper
131 100
133 94.5 48.1 144.3
119 63.7 31.9 95.9





#67
Ethyl Benzene
Concen: 54.082 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

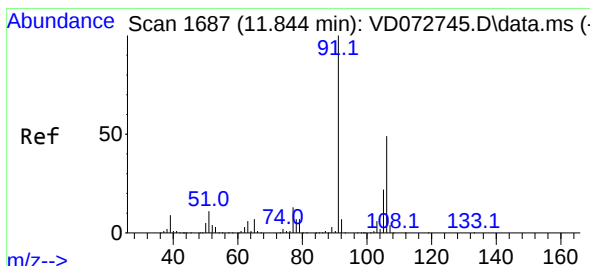
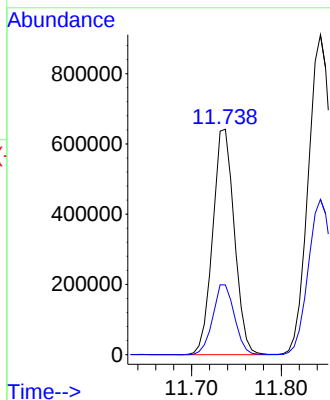
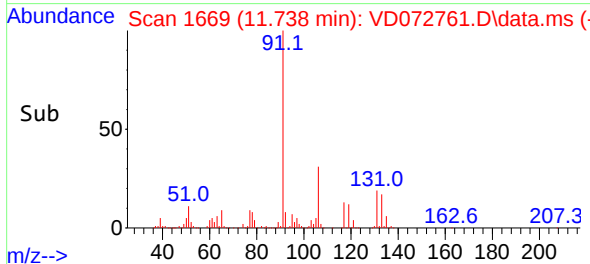
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



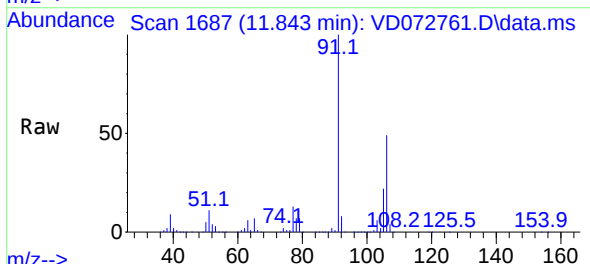
Tgt Ion: 91 Resp: 1075870
Ion Ratio Lower Upper
91 100
106 30.9 24.2 36.4

Manual Integrations
APPROVED

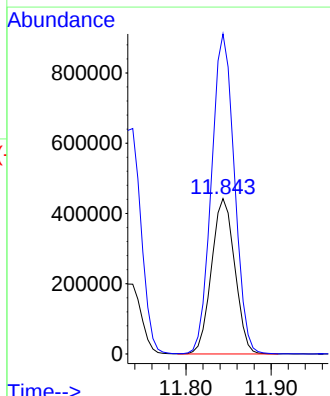
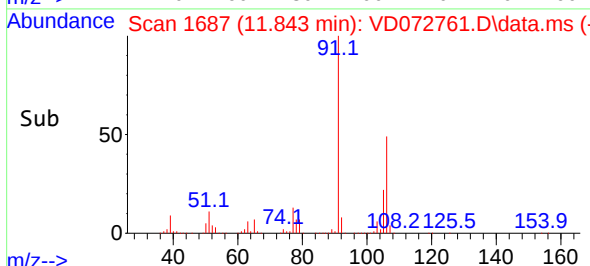
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

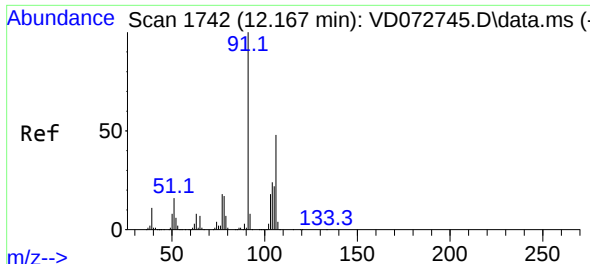


#68
m/p-Xylenes
Concen: 109.475 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.001 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11



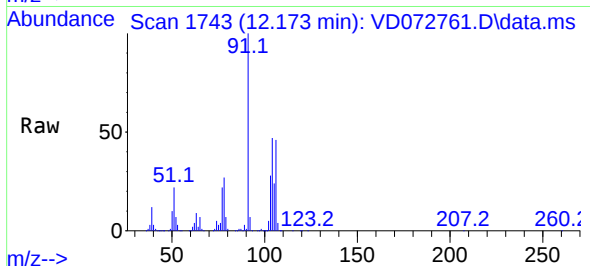
Tgt Ion:106 Resp: 838905
Ion Ratio Lower Upper
106 100
91 203.3 163.7 245.5





#69
o-Xylene
Concen: 54.644 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

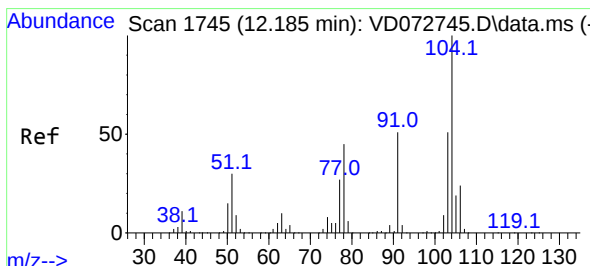
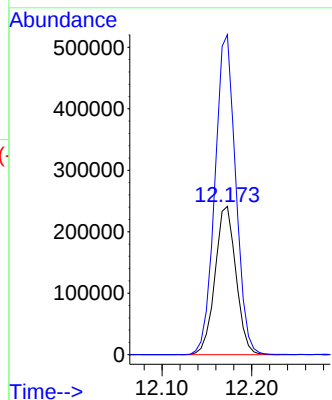
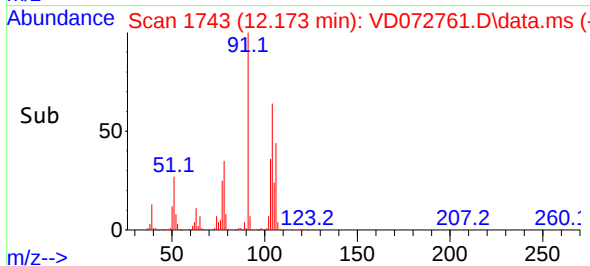
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



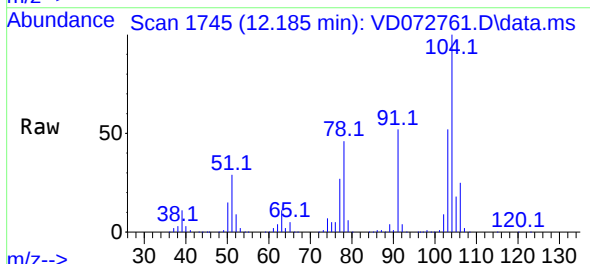
Tgt Ion:106 Resp: 391075
Ion Ratio Lower Upper
106 100
91 214.6 110.4 331.2

Manual Integrations
APPROVED

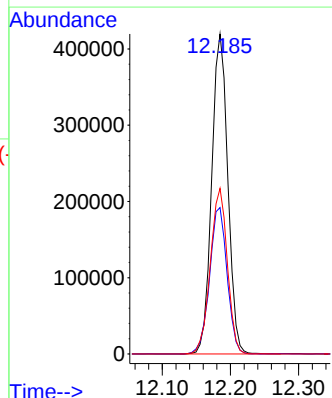
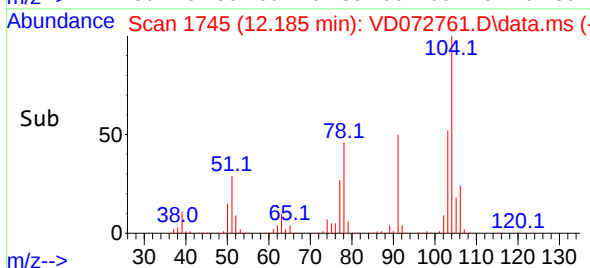
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

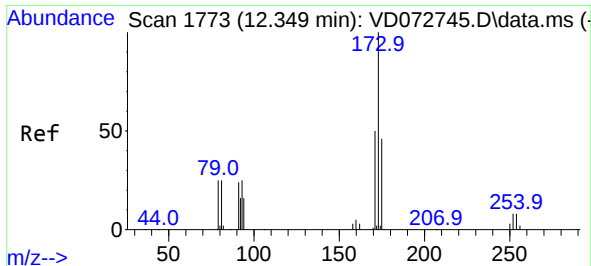


#70
Styrene
Concen: 55.678 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11



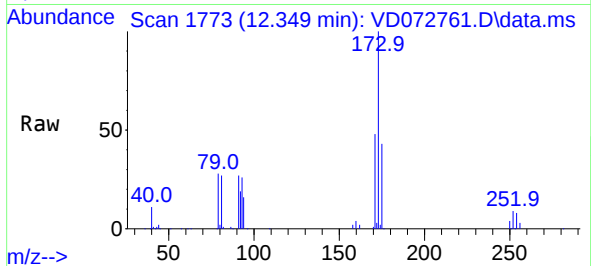
Tgt Ion:104 Resp: 690390
Ion Ratio Lower Upper
104 100
78 49.7 41.8 62.8
103 54.7 44.2 66.4





#71
Bromoform
Concen: 51.072 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

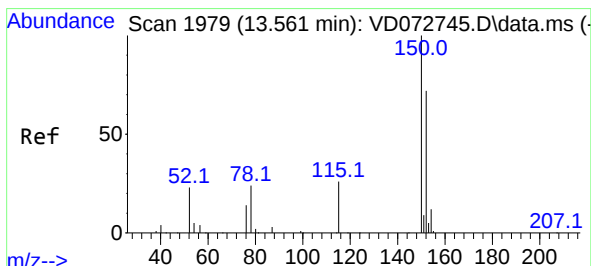
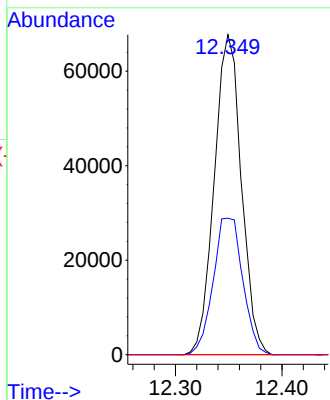
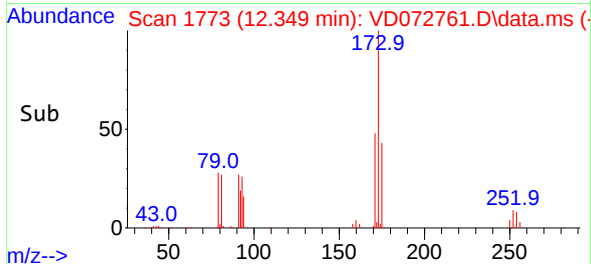
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



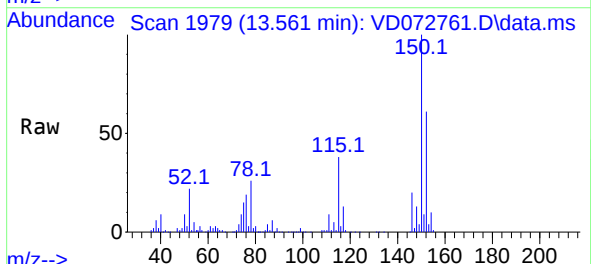
Tgt Ion:173 Resp: 119572
Ion Ratio Lower Upper
173 100
175 46.6 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

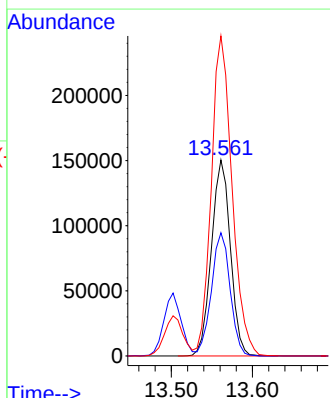
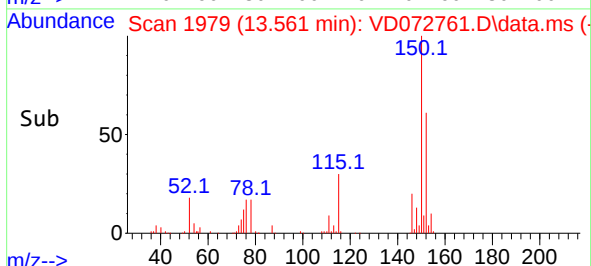
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

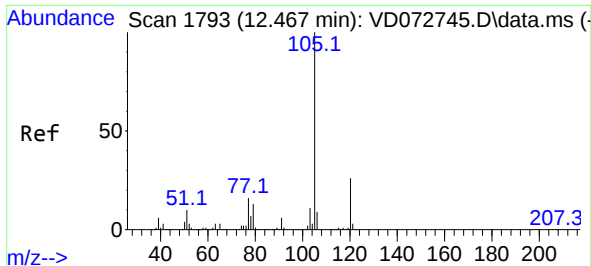


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11



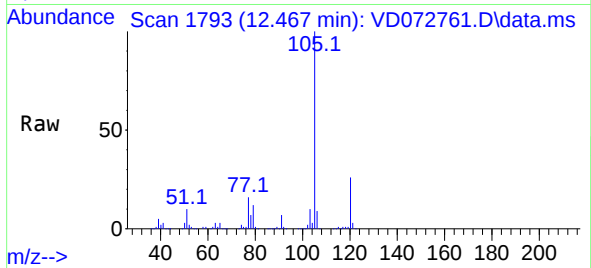
Tgt Ion:152 Resp: 244325
Ion Ratio Lower Upper
152 100
115 61.8 31.3 93.8
150 178.6 0.0 348.6





#73
Isopropylbenzene
Concen: 54.490 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

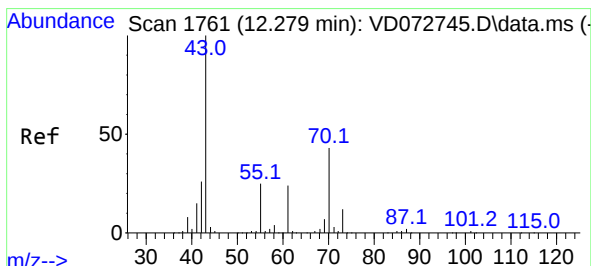
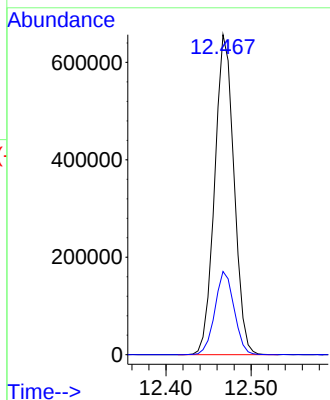
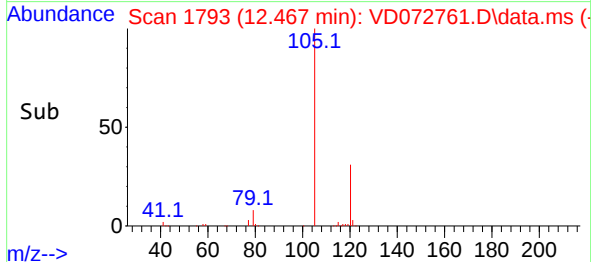
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



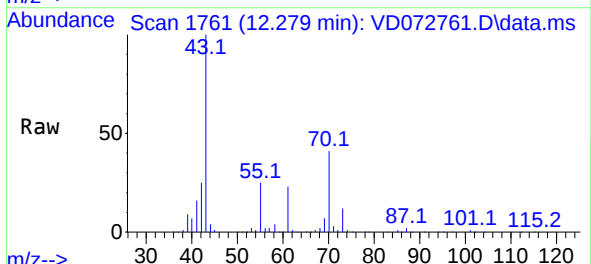
Tgt Ion:105 Resp: 103581
Ion Ratio Lower Upper
105 100
120 25.9 13.0 38.9

Manual Integrations
APPROVED

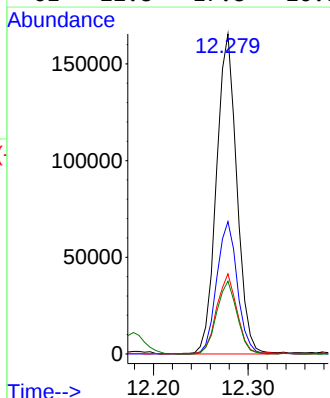
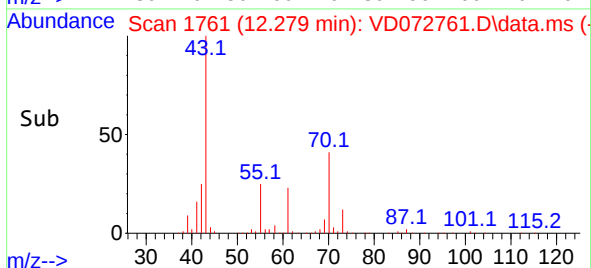
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

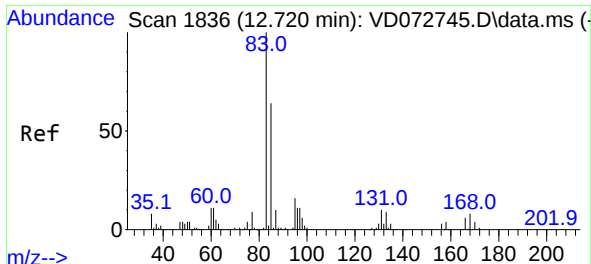


#74
N-ethyl acetate
Concen: 52.455 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11



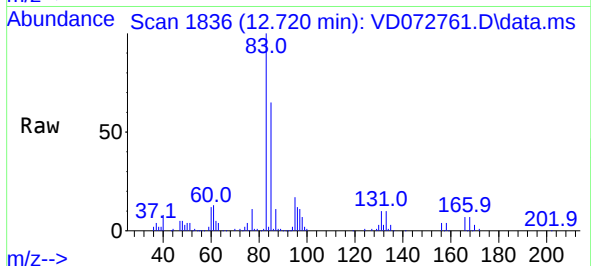
Tgt Ion: 43 Resp: 248314
Ion Ratio Lower Upper
43 100
70 41.7 31.3 46.9
55 25.2 20.0 30.0
61 22.8 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 49.622 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

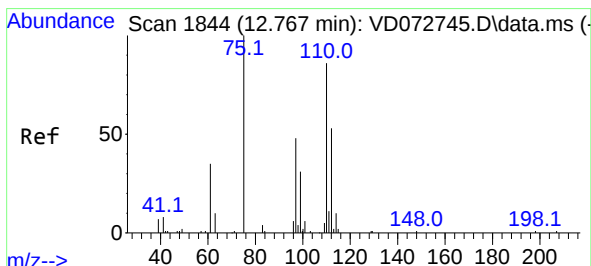
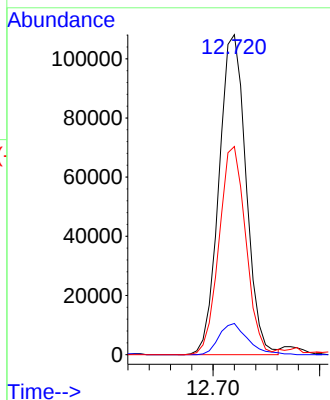
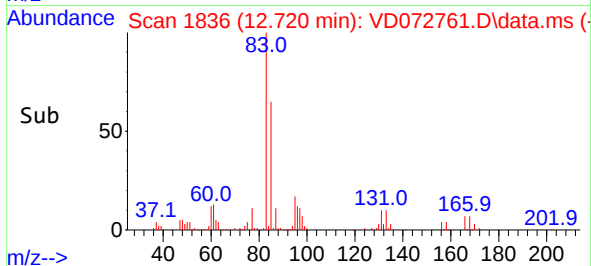
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



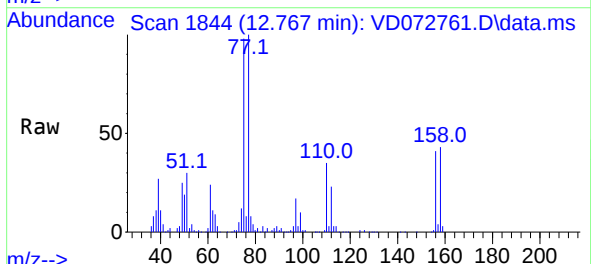
Tgt Ion: 83 Resp: 190412
Ion Ratio Lower Upper
83 100
131 10.4 5.0 14.9
85 64.2 32.6 98.0

Manual Integrations
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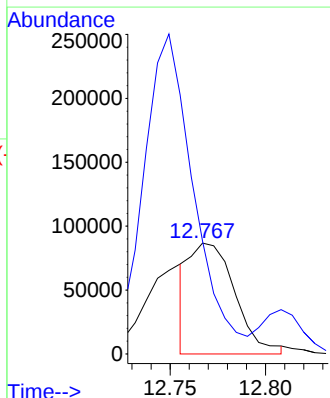
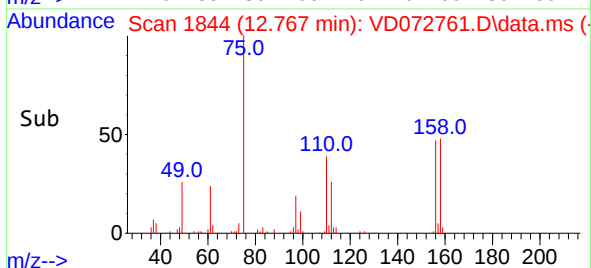
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

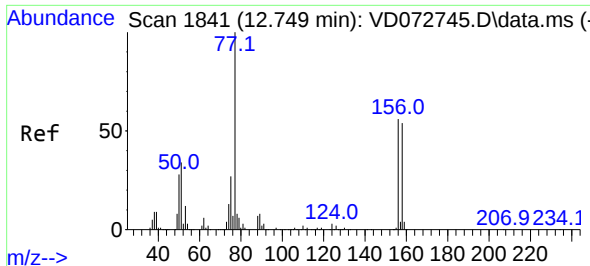


#76
1,2,3-Trichloropropane
Concen: 52.911 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11



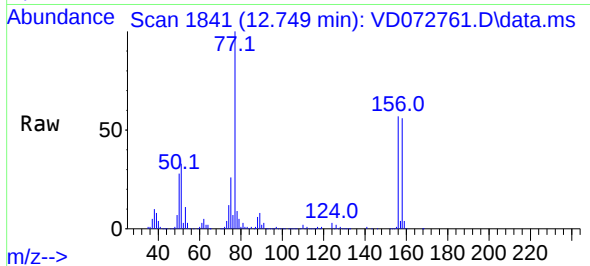
Tgt Ion: 75 Resp: 144149
Ion Ratio Lower Upper
75 100
77 319.7 0.0 0.0#





#77
Bromobenzene
Concen: 52.723 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

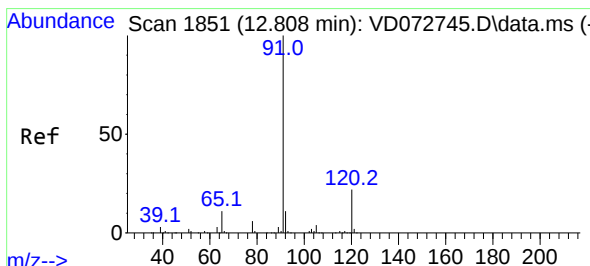
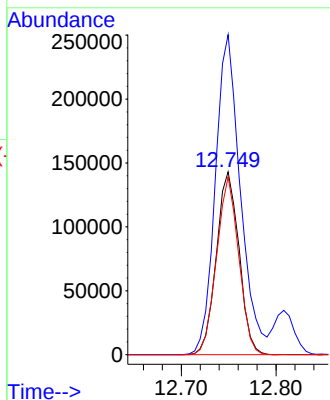
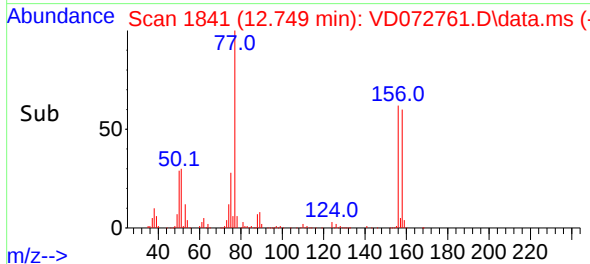
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



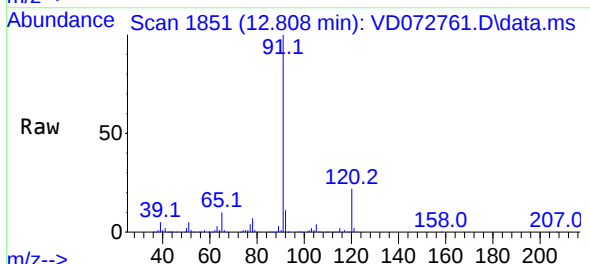
Tgt Ion: 156 Resp: 237988
Ion Ratio Lower Upper
156 100
77 193.6 102.8 308.3
158 95.1 48.7 146.1

Manual Integrations
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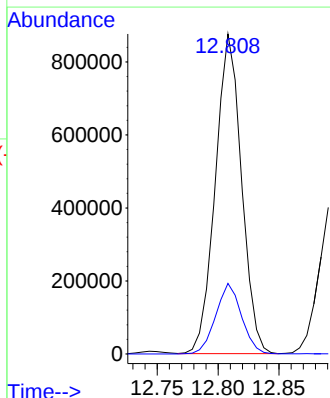
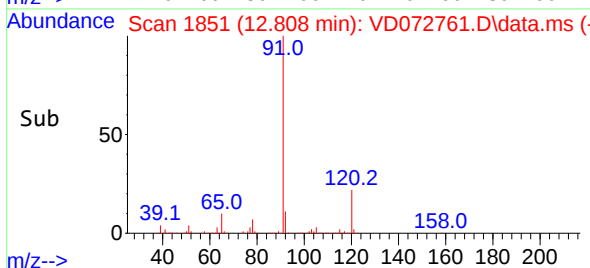
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

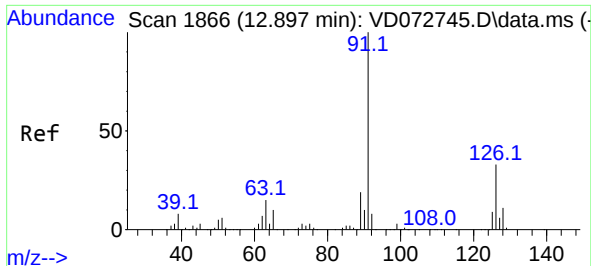


#78
n-propylbenzene
Concen: 54.617 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11



Tgt Ion: 91 Resp: 1308506
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.9





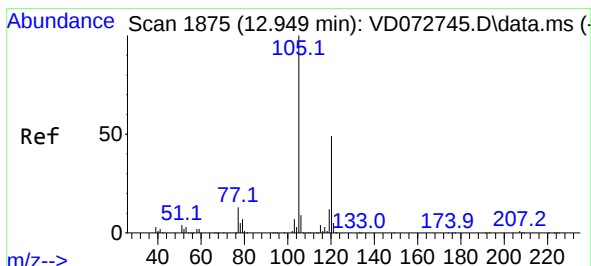
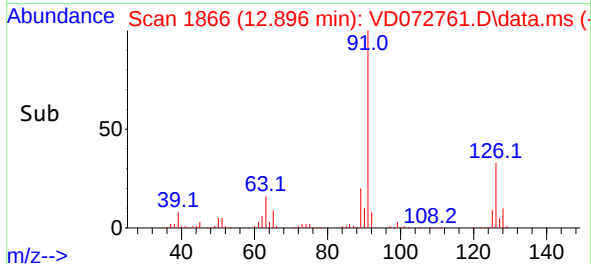
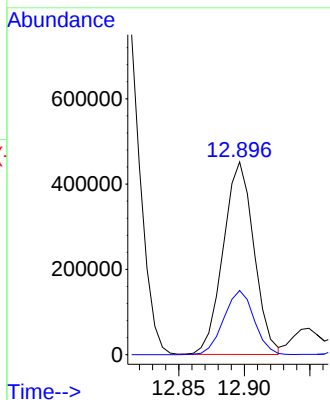
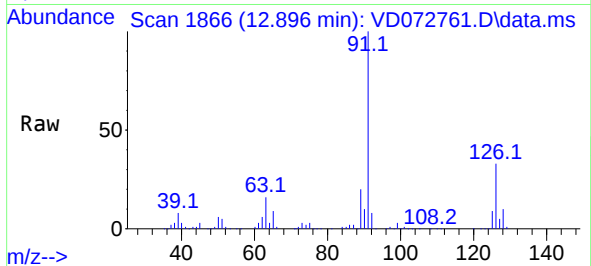
#79
2-Chlorotoluene
Concen: 52.659 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.001 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 736970
Ion Ratio Lower Upper
91 100
126 32.9 16.2 48.6

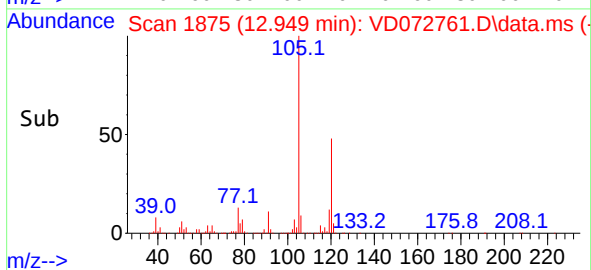
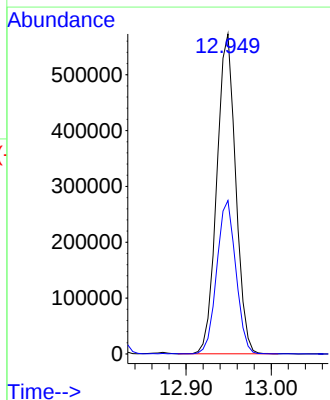
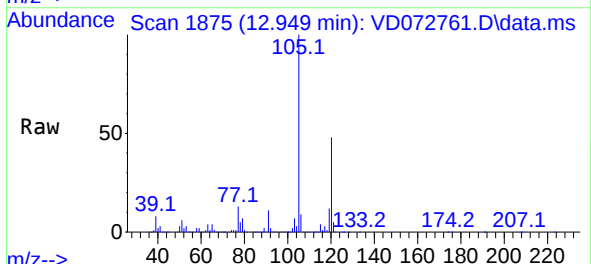
Manual Integrations
APPROVED

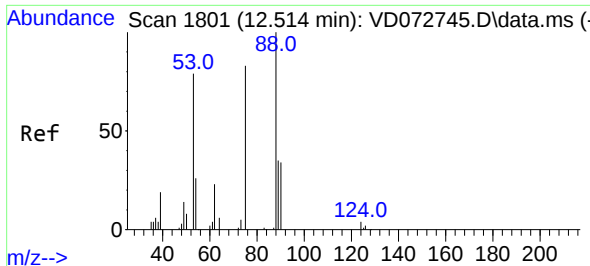
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#80
1,3,5-Trimethylbenzene
Concen: 54.740 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

Tgt Ion:105 Resp: 882322
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8





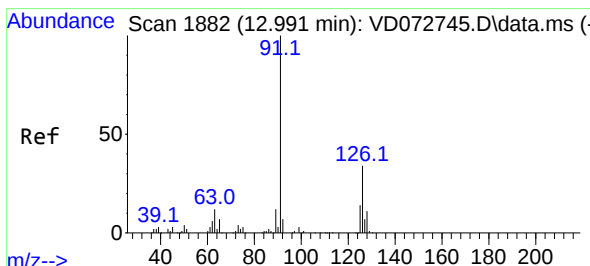
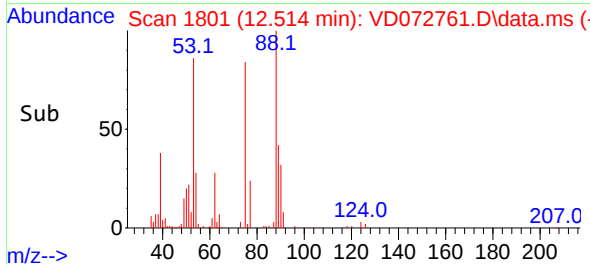
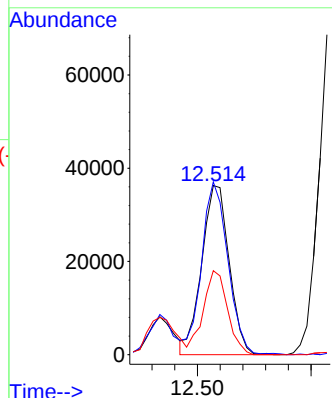
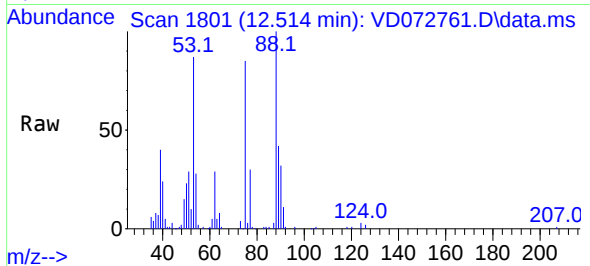
#81
trans-1,4-Dichloro-2-butene
Concen: 51.518 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 61035
Ion Ratio Lower Upper
75 100
53 98.2 86.5 129.7
89 44.1 33.9 50.9

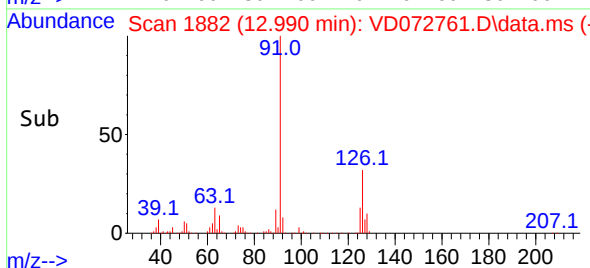
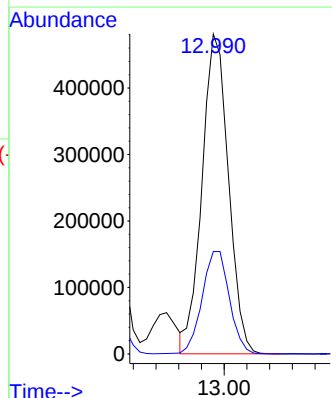
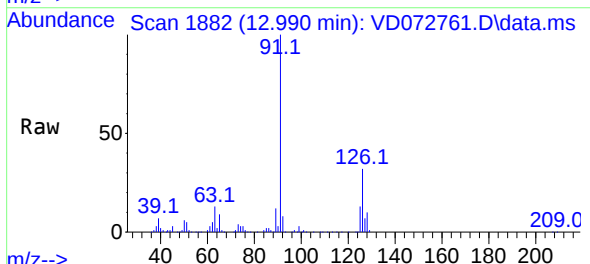
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#82
4-Chlorotoluene
Concen: 53.185 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

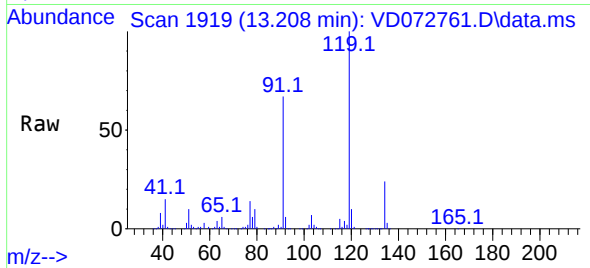
Tgt Ion: 91 Resp: 777707
Ion Ratio Lower Upper
91 100
126 33.2 16.5 49.5





#83
tert-Butylbenzene
Concen: 54.788 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

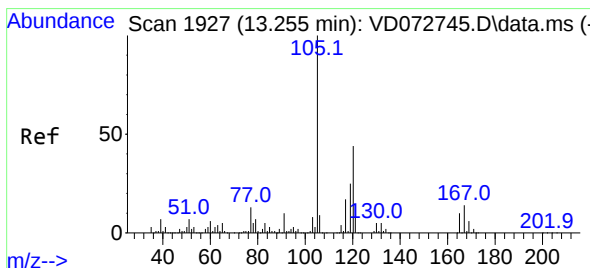
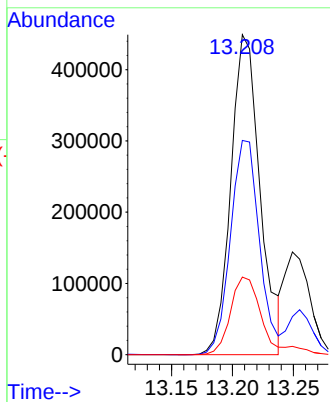
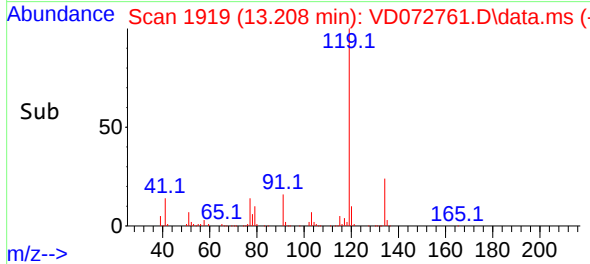
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



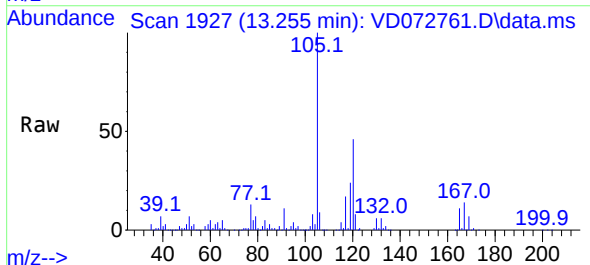
Tgt Ion:119 Resp: 750794
Ion Ratio Lower Upper
119 100
91 66.3 34.8 104.5
134 26.4 13.3 39.9

Manual Integrations
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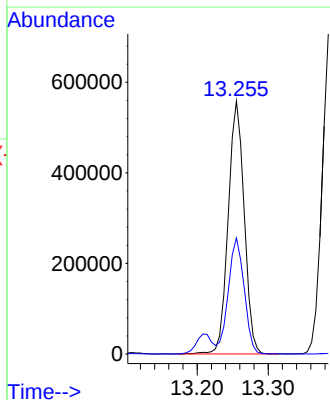
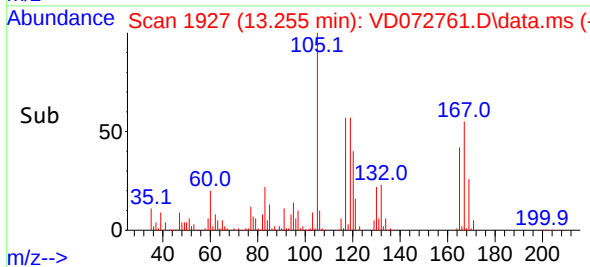
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

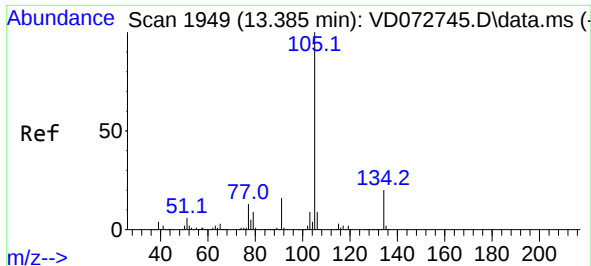


#84
1,2,4-Trimethylbenzene
Concen: 54.254 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11



Tgt Ion:105 Resp: 874116
Ion Ratio Lower Upper
105 100
120 45.5 22.3 66.8





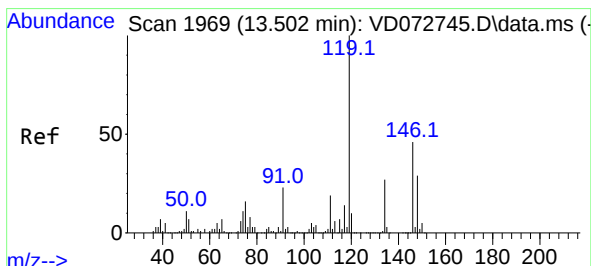
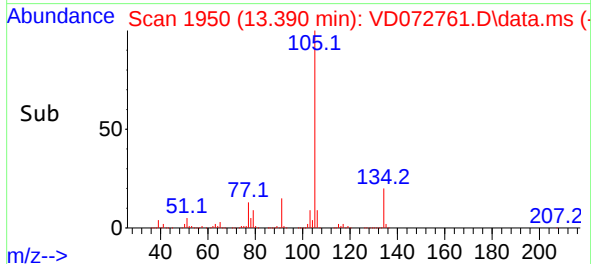
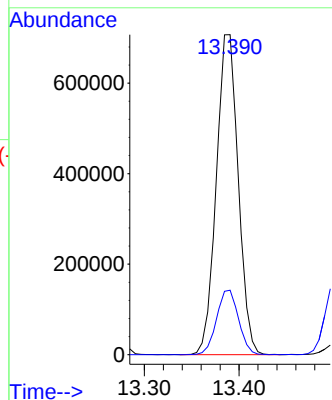
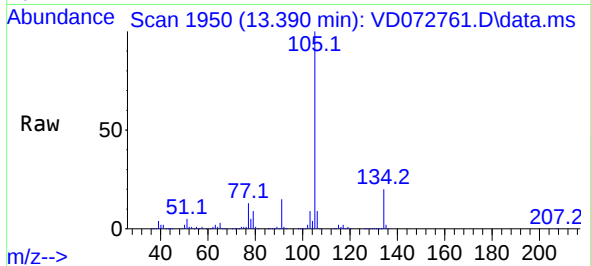
#85
 sec-Butylbenzene
 Concen: 55.085 ug/l
 RT: 13.390 min Scan# 1949
 Delta R.T. 0.005 min
 Lab File: VD072761.D
 Acq: 03 May 2022 11:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 1138509
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3

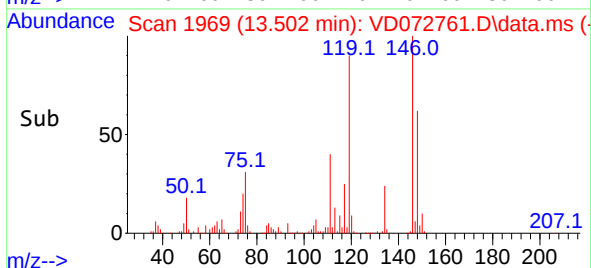
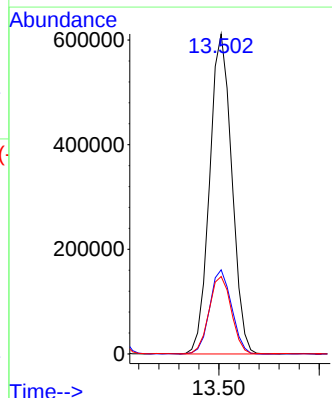
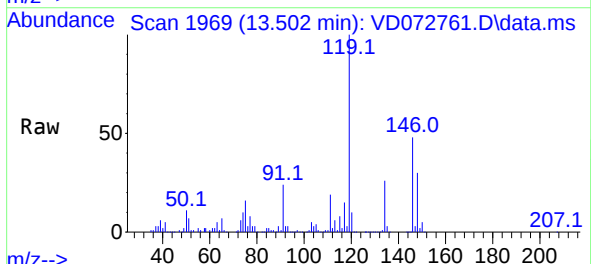
Manual Integrations
 APPROVED

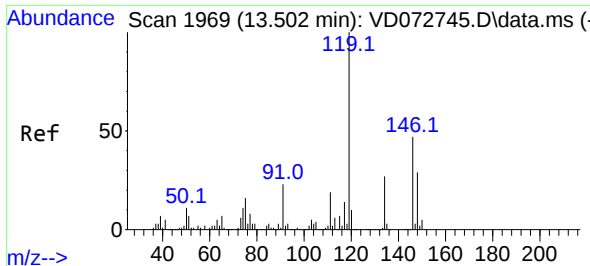
Reviewed By :John Carlone 05/04/2022
 Supervised By :Mahesh Dadoda 05/04/2022



#86
 p-Isopropyltoluene
 Concen: 55.489 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD072761.D
 Acq: 03 May 2022 11:11

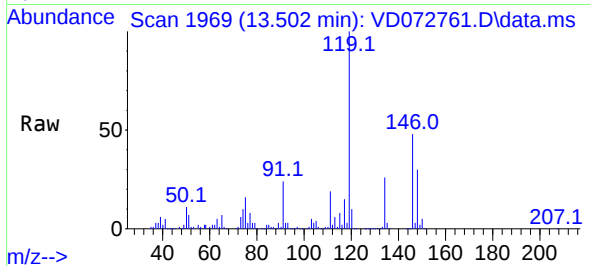
Tgt Ion:119 Resp: 940303
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.6
 91 24.3 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 52.484 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

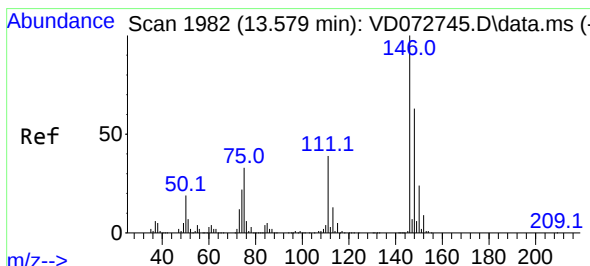
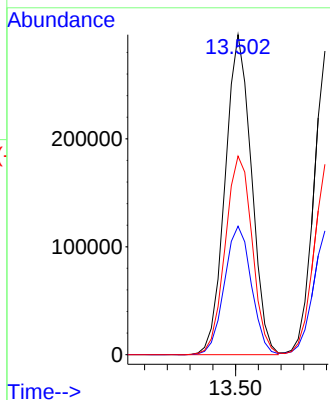
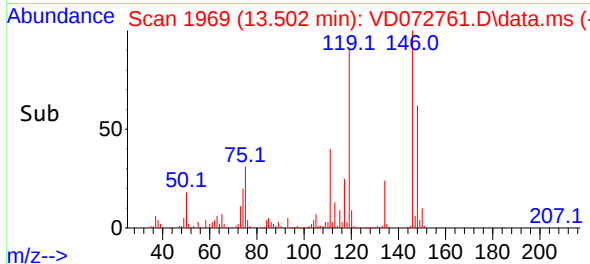
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



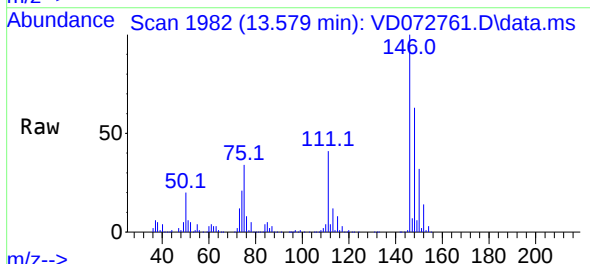
Tgt Ion:146 Resp: 47725
Ion Ratio Lower Upper
146 100
111 41.2 20.4 61.3
148 63.7 31.9 95.7

Manual Integrations
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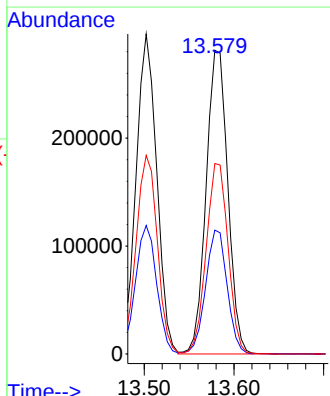
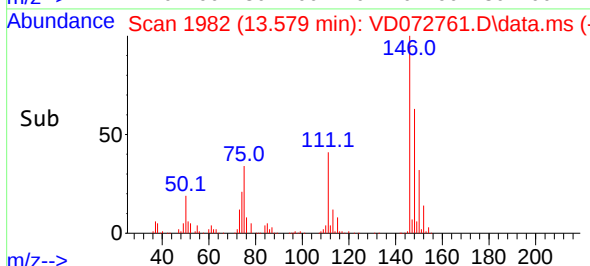
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

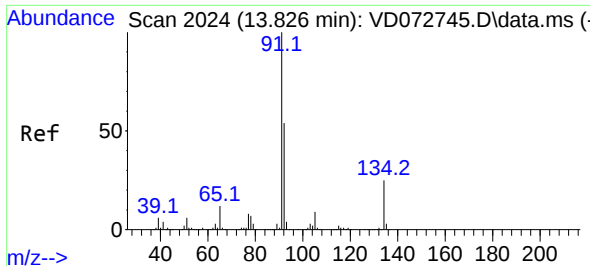


#88
1,4-Dichlorobenzene
Concen: 52.242 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11



Tgt Ion:146 Resp: 473082
Ion Ratio Lower Upper
146 100
111 40.7 20.3 60.9
148 63.1 31.7 95.1





#89
n-Butylbenzene
Concen: 55.522 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

Instrument :

MSVOA_D

ClientSampleId :

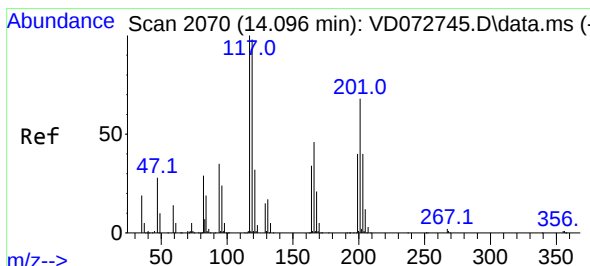
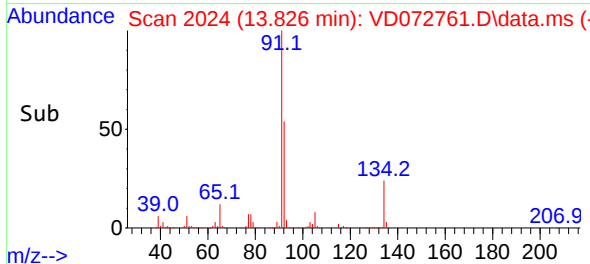
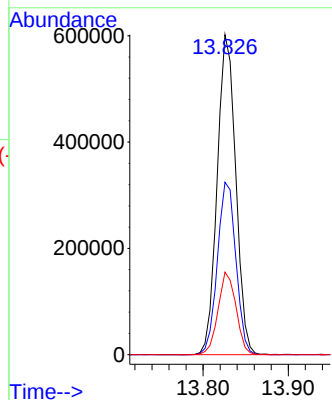
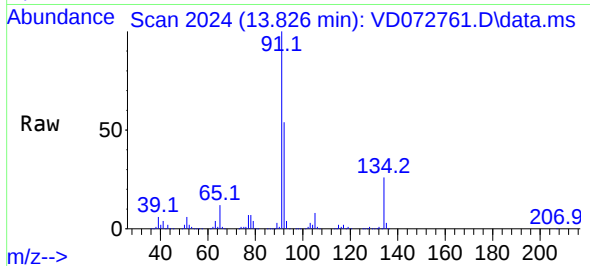
VSTDCCC050

Tgt Ion: 91 Resp: 911410
Ion Ratio Lower Upper
91 100
92 53.8 26.6 79.8
134 25.0 12.3 36.9

Manual Integrations

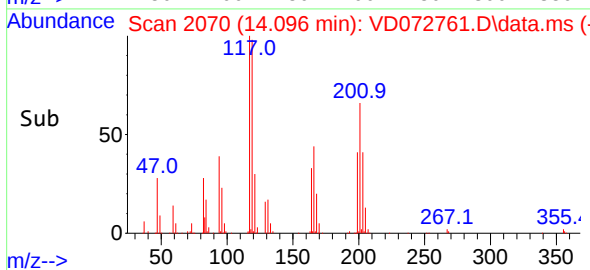
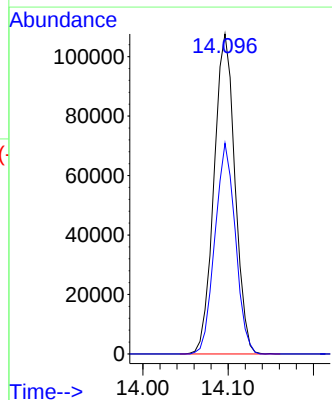
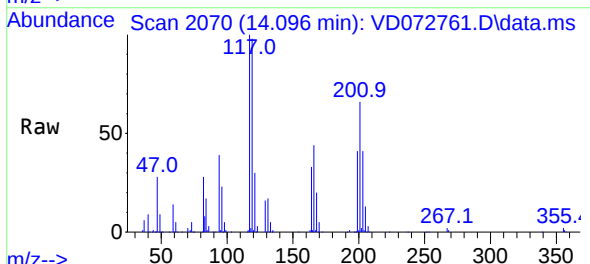
APPROVED

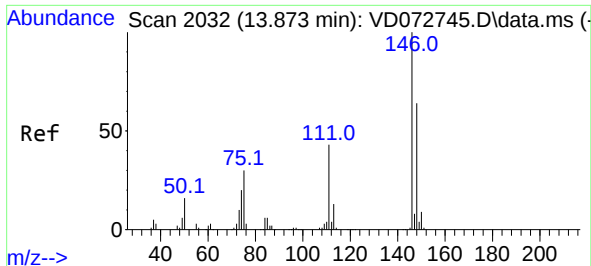
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#90
Hexachloroethane
Concen: 52.870 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

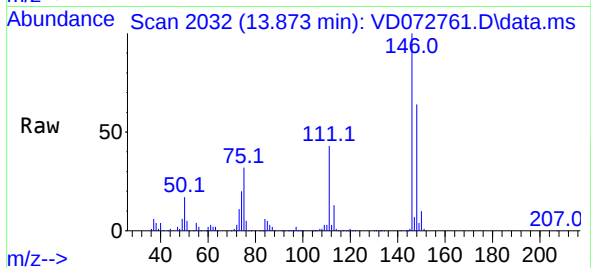
Tgt Ion:117 Resp: 183537
Ion Ratio Lower Upper
117 100
201 64.4 33.4 100.2





#91
1,2-Dichlorobenzene
Concen: 52.298 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

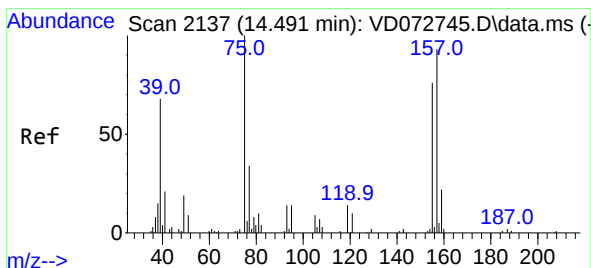
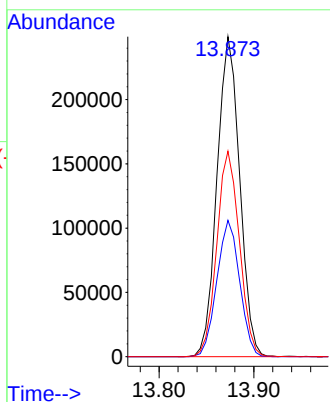
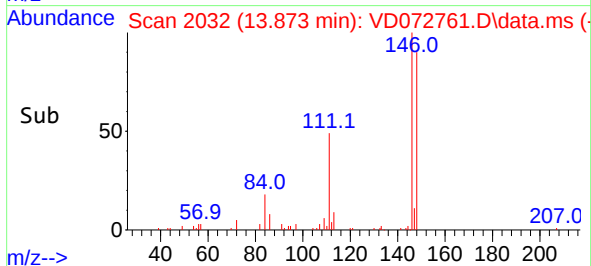
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



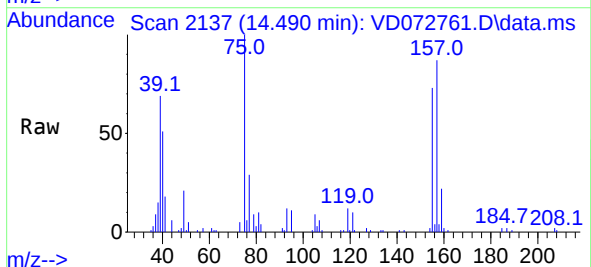
Tgt Ion:146 Resp: 414464
Ion Ratio Lower Upper
146 100
111 42.9 21.1 63.3
148 64.0 31.7 95.1

Manual Integrations
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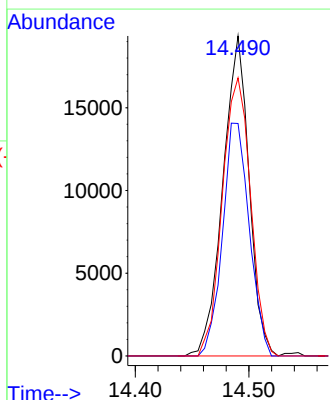
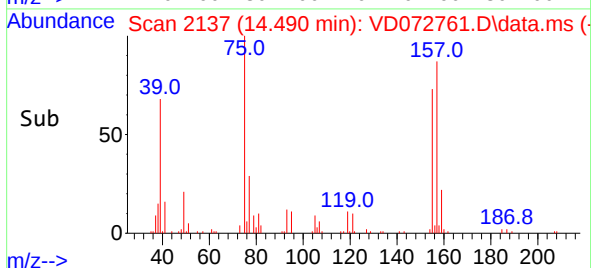
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

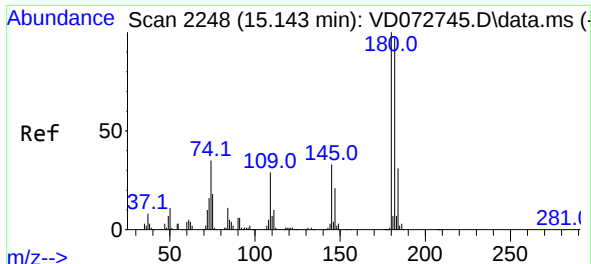


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.908 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.001 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11



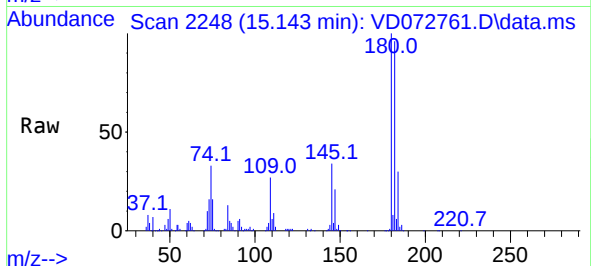
Tgt Ion: 75 Resp: 30966
Ion Ratio Lower Upper
75 100
155 74.4 36.8 110.3
157 93.7 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 52.712 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

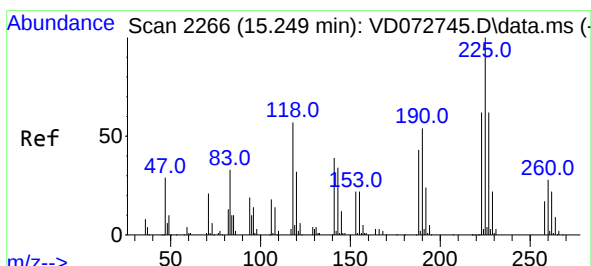
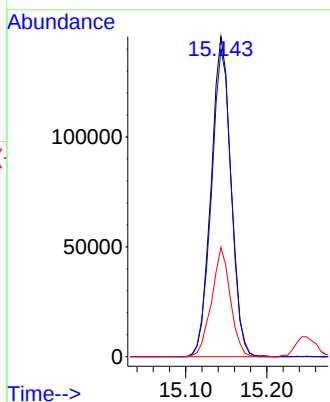
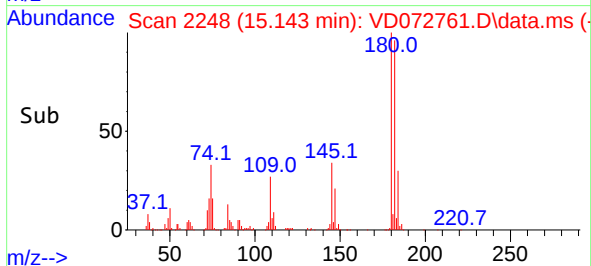
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



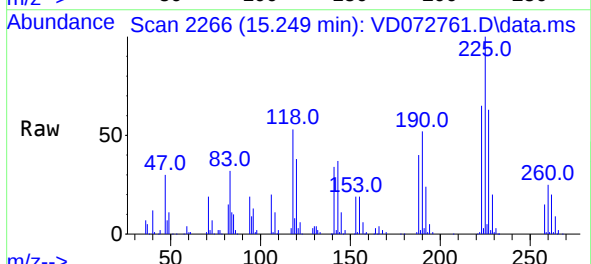
Tgt Ion:180 Resp: 247398
Ion Ratio Lower Upper
180 100
182 96.3 47.3 142.0
145 32.3 16.2 48.5

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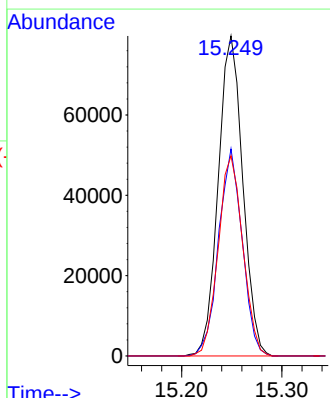
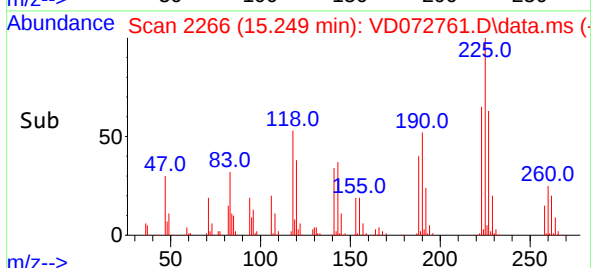
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

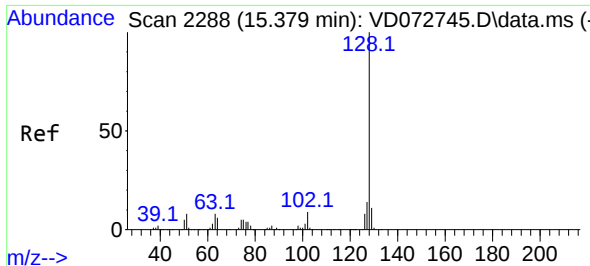


#94
Hexachlorobutadiene
Concen: 52.703 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11



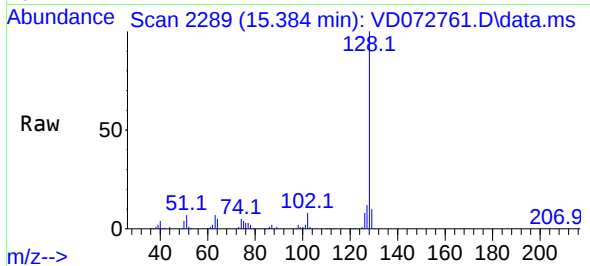
Tgt Ion:225 Resp: 135090
Ion Ratio Lower Upper
225 100
223 62.3 31.1 93.2
227 62.6 32.4 97.0





#95
Naphthalene
Concen: 54.130 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. 0.005 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11

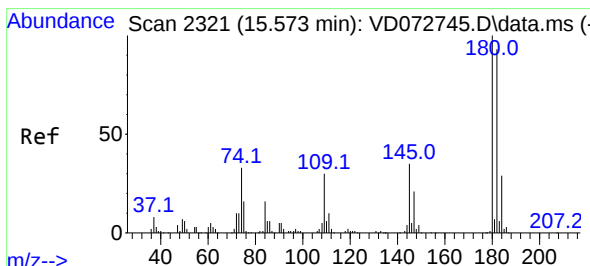
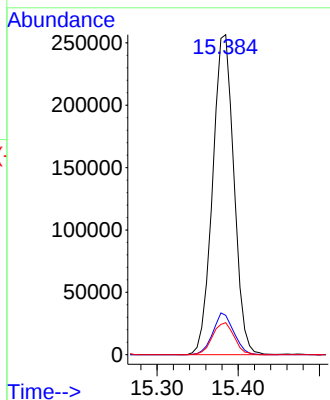
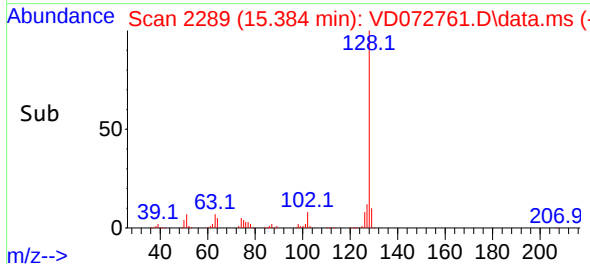
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



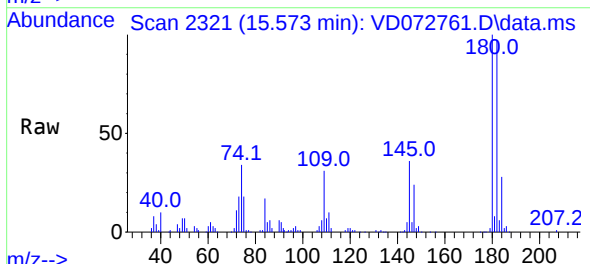
Tgt Ion:128 Resp: 46710
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.2 8.4 12.6

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Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#96
1,2,3-Trichlorobenzene
Concen: 52.312 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD072761.D
Acq: 03 May 2022 11:11



Tgt Ion:180 Resp: 217646
Ion Ratio Lower Upper
180 100
182 96.3 47.6 142.9
145 34.3 17.1 51.3

