

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
 Data File : VD072776.D
 Acq On : 03 May 2022 19:12
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: May 04 01:28:14 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	304030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	509798	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	497507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	244470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	198838	50.383	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.760%			
35) Dibromofluoromethane	7.908	113	183828	51.343	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.680%			
50) Toluene-d8	10.332	98	667249	51.954	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.900%			
62) 4-Bromofluorobenzene	12.620	95	249175	52.032	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	184336	43.876	ug/l	95
3) Chloromethane	2.209	50	189344	43.336	ug/l	97
4) Vinyl Chloride	2.344	62	175915	44.870	ug/l	100
5) Bromomethane	2.762	94	107446	44.381	ug/l	95
6) Chloroethane	2.915	64	109964	45.003	ug/l	99
7) Trichlorofluoromethane	3.267	101	314681	45.837	ug/l	96
8) Diethyl Ether	3.709	74	100404	51.013	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.085	101	183899	45.120	ug/l	97
10) Methyl Iodide	4.291	142	172192	42.097	ug/l	99
11) Tert butyl alcohol	5.226	59	78935	231.170	ug/l	97
12) 1,1-Dichloroethene	4.062	96	172224	46.978	ug/l	95
13) Acrolein	3.920	56	64970	275.907	ug/l	97
14) Allyl chloride	4.709	41	298728	50.472	ug/l	93
15) Acrylonitrile	5.414	53	259628	277.565	ug/l	96
16) Acetone	4.156	43	194736	264.432	ug/l	90
17) Carbon Disulfide	4.403	76	528741	45.869	ug/l	98
18) Methyl Acetate	4.714	43	113636	52.929	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	484786	55.161	ug/l	99
20) Methylene Chloride	4.962	84	233086	49.287	ug/l	91
21) trans-1,2-Dichloroethene	5.461	96	204407	48.617	ug/l	92
22) Diisopropyl ether	6.361	45	681788	52.364	ug/l	93
23) Vinyl Acetate	6.303	43	2015717	280.254	ug/l	96
24) 1,1-Dichloroethane	6.256	63	379893	48.564	ug/l	100
25) 2-Butanone	7.208	43	315543	274.409	ug/l	96
26) 2,2-Dichloropropane	7.203	77	310419	46.940	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	237682	49.357	ug/l	92
28) Bromochloromethane	7.538	49	146965	50.380	ug/l	87
29) Tetrahydrofuran	7.561	42	212206	289.523	ug/l	93
30) Chloroform	7.703	83	401859	48.551	ug/l	97
31) Cyclohexane	7.979	56	316844	45.927	ug/l	96
32) 1,1,1-Trichloroethane	7.897	97	333723	47.308	ug/l	97
36) 1,1-Dichloropropene	8.103	75	280709	48.217	ug/l	96
37) Ethyl Acetate	7.285	43	154652	57.786	ug/l	98
38) Carbon Tetrachloride	8.091	117	296690	49.094	ug/l	97
39) Methylcyclohexane	9.350	83	326066	48.286	ug/l	98
40) Benzene	8.344	78	841760	50.068	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	89150	55.944	ug/l	94
42) 1,2-Dichloroethane	8.414	62	263754	52.060	ug/l	96
43) Isopropyl Acetate	8.444	43	276458	55.967	ug/l #	95
44) Trichloroethene	9.102	130	216641	48.165	ug/l	99
45) 1,2-Dichloropropane	9.379	63	219981	49.823	ug/l	95
46) Dibromomethane	9.467	93	127326	52.279	ug/l	98
47) Bromodichloromethane	9.655	83	314967	50.270	ug/l	99
48) Methyl methacrylate	9.450	41	139037	57.535	ug/l	91
49) 1,4-Dioxane	9.450	88	30199	1101.100	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	757635	295.165	ug/l	96
52) Toluene	10.397	92	536778	51.183	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	303813	52.791	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	351657	52.595	ug/l	90
55) 1,1,2-Trichloroethane	10.791	97	172698	52.452	ug/l	95
56) Ethyl methacrylate	10.649	69	230775	59.530	ug/l	87
57) 1,3-Dichloropropane	10.938	76	299569	53.020	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	615253	327.344	ug/l	97
59) 2-Hexanone	10.973	43	520988	301.642	ug/l	96
60) Dibromochloromethane	11.132	129	215798	52.065	ug/l	98
61) 1,2-Dibromoethane	11.238	107	170643	53.248	ug/l	99
64) Tetrachloroethene	10.867	164	170333	46.829	ug/l	96
65) Chlorobenzene	11.661	112	565329	49.129	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	216526	50.069	ug/l	98
67) Ethyl Benzene	11.738	91	1005889	50.511	ug/l	99
68) m/p-Xylenes	11.844	106	782316	101.983	ug/l	99
69) o-Xylene	12.173	106	373272	52.102	ug/l	97
70) Styrene	12.185	104	655062	52.773	ug/l	98
71) Bromoform	12.349	173	127039	54.204	ug/l #	99
73) Isopropylbenzene	12.467	105	961993	50.577	ug/l	100
74) N-amyl acetate	12.279	43	275759	58.218	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	209743	54.628	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	152962m	56.112	ug/l	
77) Bromobenzene	12.749	156	228361	50.560	ug/l	98
78) n-propylbenzene	12.808	91	1205619	50.292	ug/l	100
79) 2-Chlorotoluene	12.896	91	686518	49.025	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	814840	50.523	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	65850	55.550	ug/l	92
82) 4-Chlorotoluene	12.991	91	738697	50.487	ug/l	98
83) tert-Butylbenzene	13.208	119	692676	50.517	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	821355	50.949	ug/l	100
85) sec-Butylbenzene	13.385	105	1051047	50.823	ug/l	100
86) p-Isopropyltoluene	13.502	119	855102	50.432	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	453833	49.879	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	449014	49.555	ug/l	99
89) n-Butylbenzene	13.826	91	832891	50.708	ug/l	99
90) Hexachloroethane	14.096	117	168497	48.509	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	399245	50.348	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	34377	56.482	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	243517	51.854	ug/l	100
94) Hexachlorobutadiene	15.249	225	121803	47.491	ug/l	98
95) Naphthalene	15.379	128	508389	58.880	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	220206	52.896	ug/l	99

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

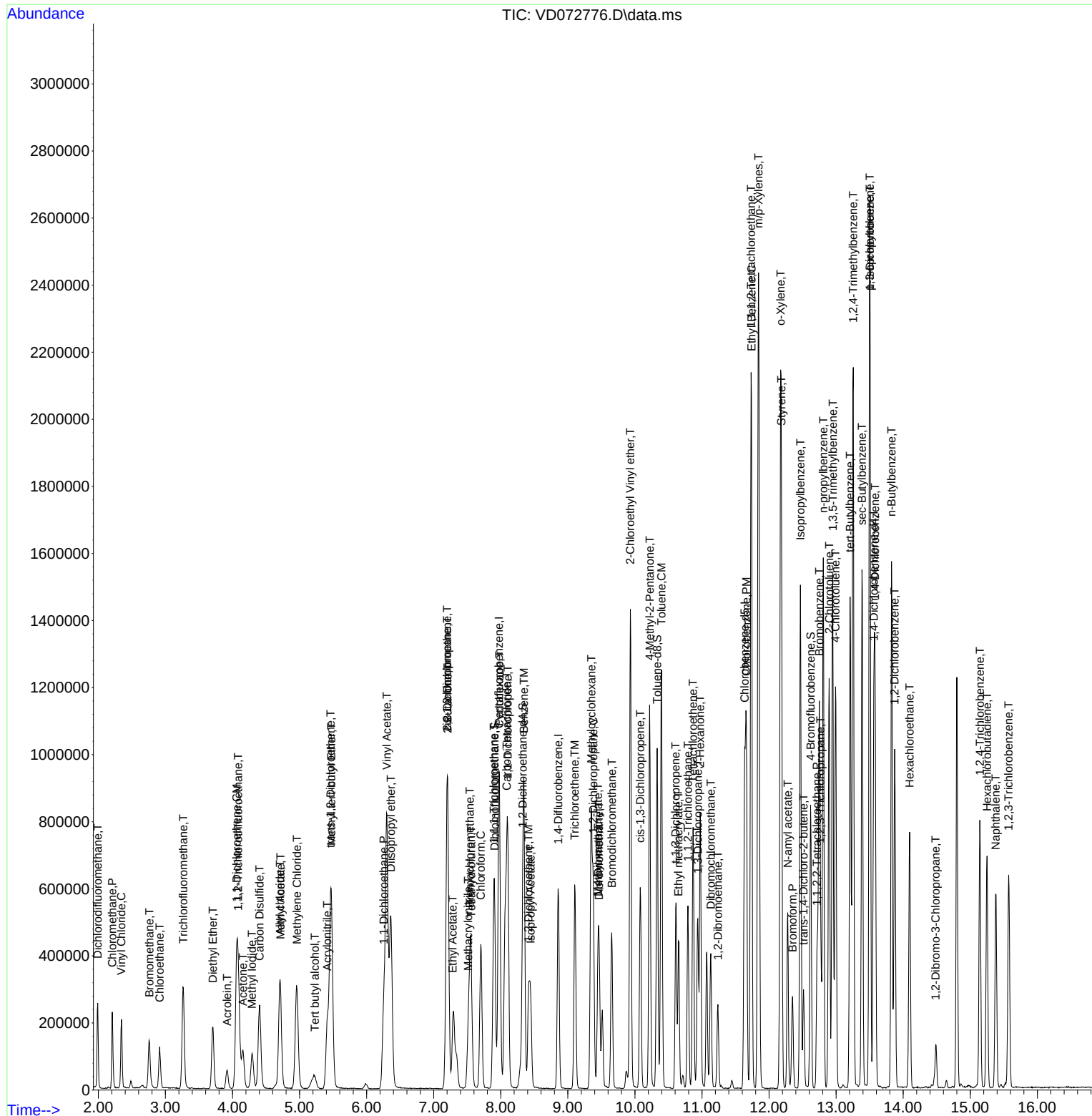
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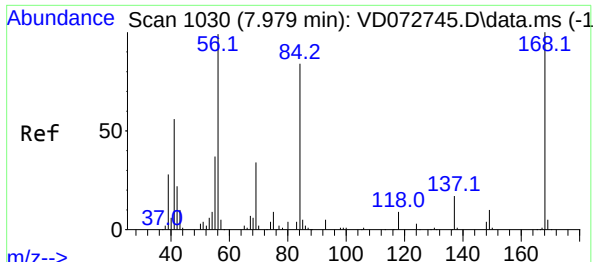
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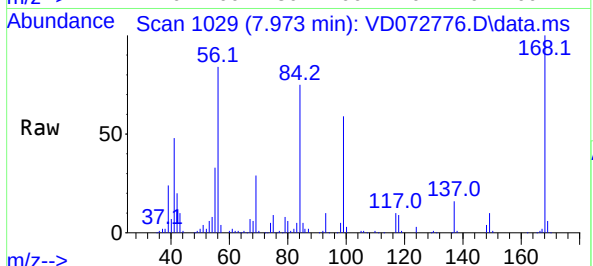
Reviewed By : John Carlone 05/04/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072776.D
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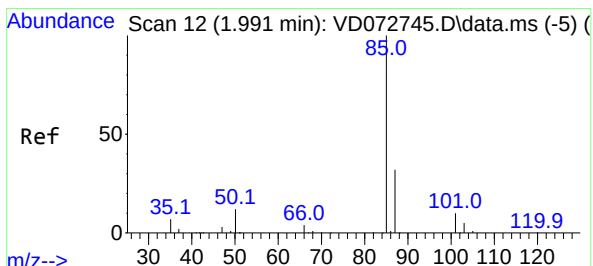
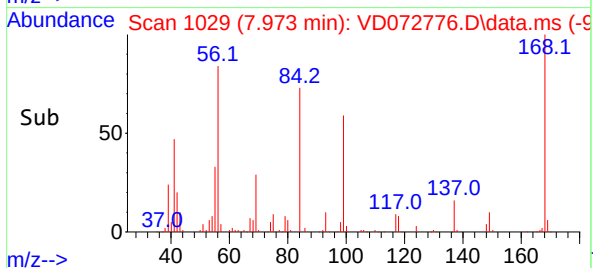
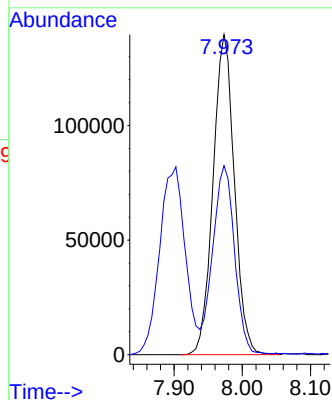
Instrument :
MSVOA_D
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VSTDCCC050EC



Tgt Ion:168 Resp: 304030
Ion Ratio Lower Upper
168 100
99 58.7 49.8 74.6

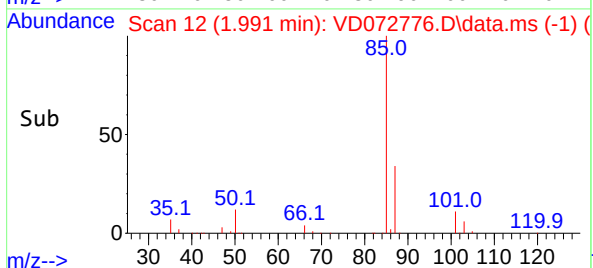
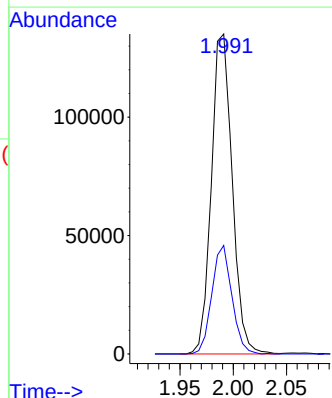
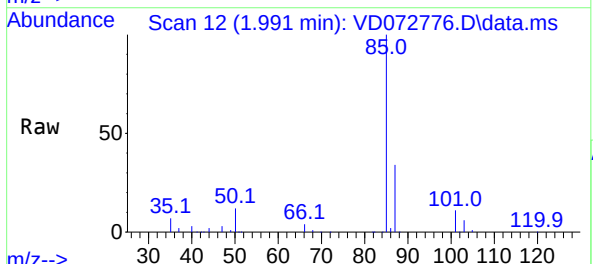
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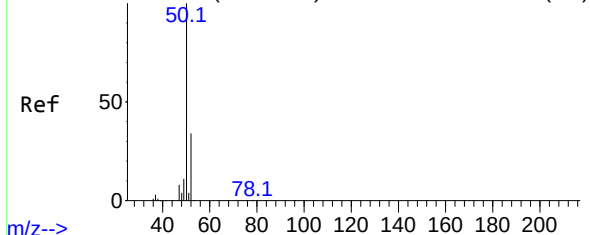


#2
Dichlorodifluoromethane
Concen: 43.876 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

Tgt Ion: 85 Resp: 184336
Ion Ratio Lower Upper
85 100
87 33.9 15.7 47.0

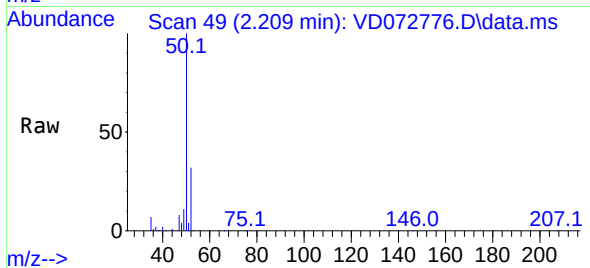


Abundance Scan 49 (2.209 min): VD072745.D\data.ms (-43)



#3
Chloromethane
Concen: 43.336 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

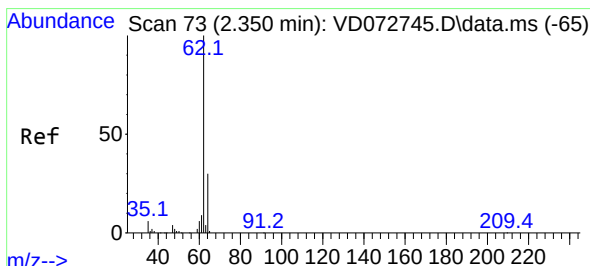
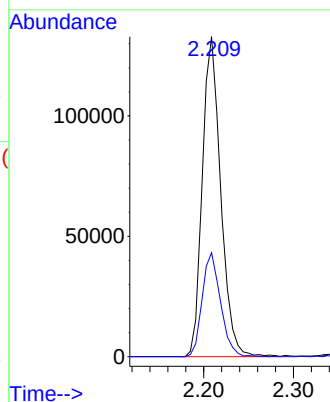
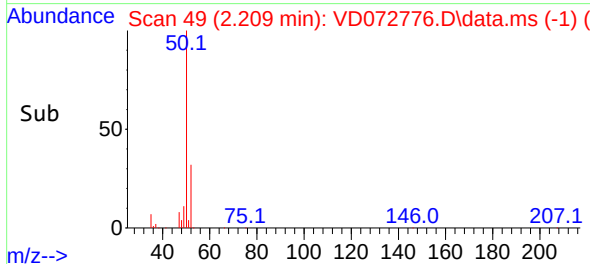
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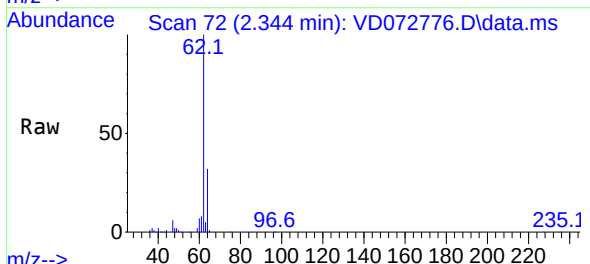
Tgt Ion: 50 Resp: 189344
Ion Ratio Lower Upper
50 100
52 32.5 27.4 41.0

Manual Integrations
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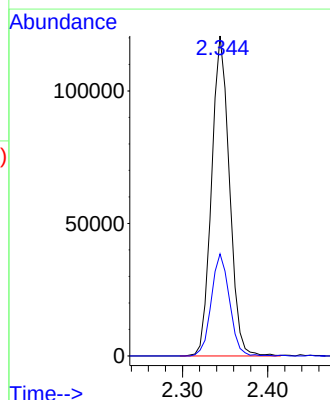
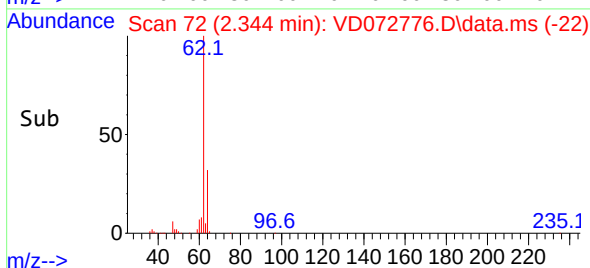
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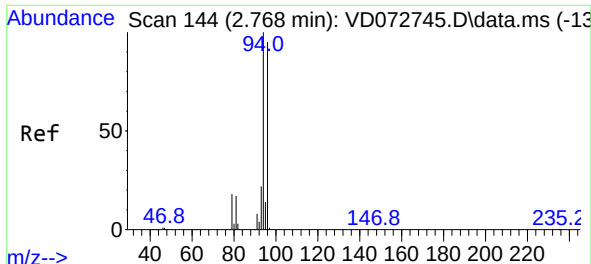


#4
Vinyl Chloride
Concen: 44.870 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12



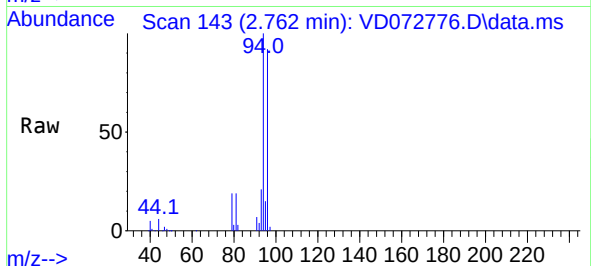
Tgt Ion: 62 Resp: 175915
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0





#5
Bromomethane
Concen: 44.381 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

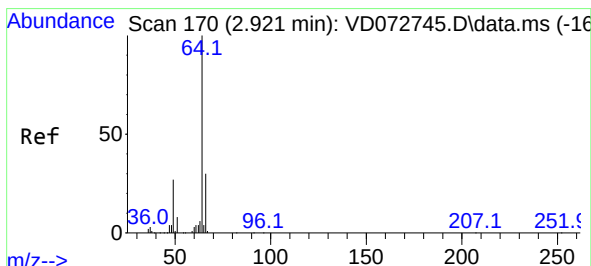
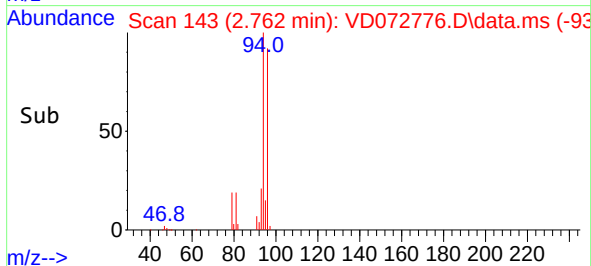
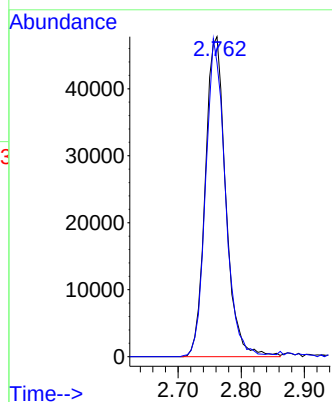
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Tgt Ion: 94 Resp: 107440
Ion Ratio Lower Upper
94 100
96 91.8 77.6 116.4

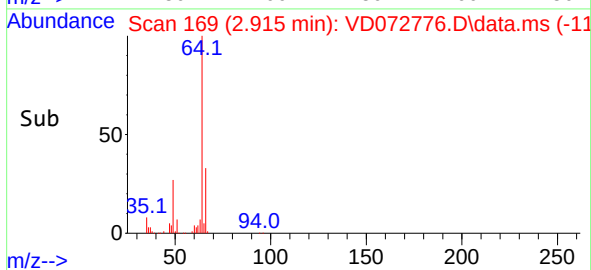
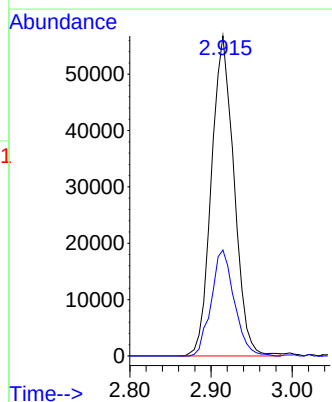
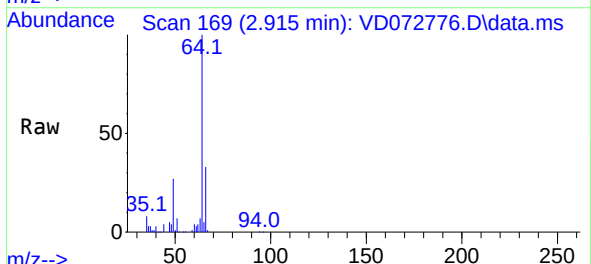
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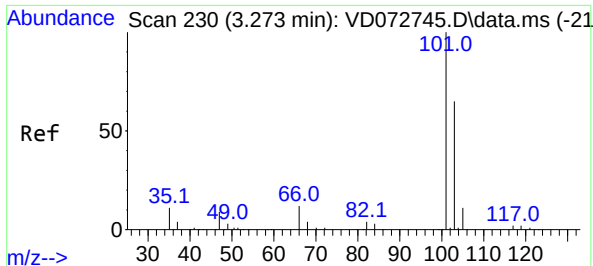
Reviewed By :John Carlone 05/04/2022
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#6
Chloroethane
Concen: 45.003 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

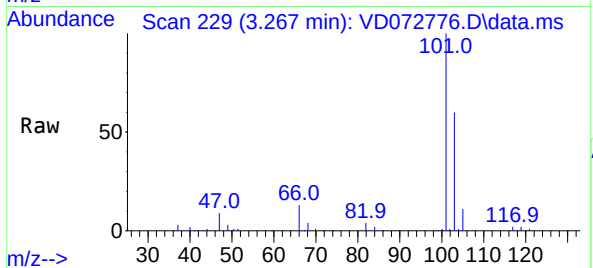
Tgt Ion: 64 Resp: 109964
Ion Ratio Lower Upper
64 100
66 33.1 25.9 38.9





#7
Trichlorofluoromethane
Concen: 45.837 ug/l
RT: 3.267 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

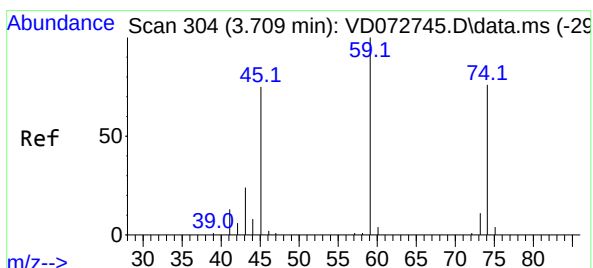
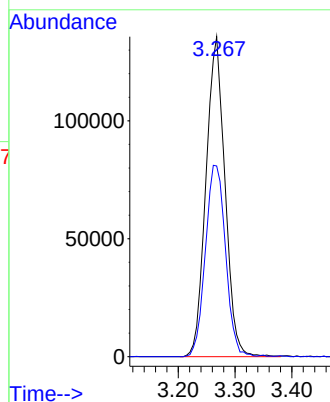
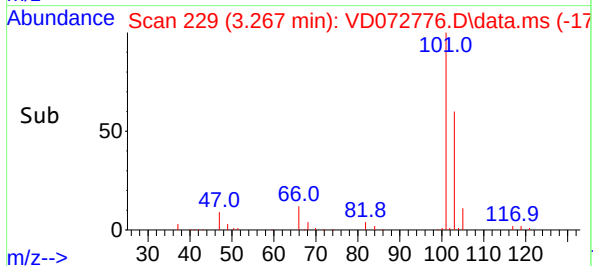
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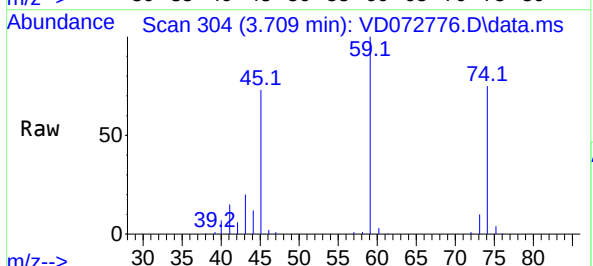
Tgt Ion:101 Resp: 31468
Ion Ratio Lower Upper
101 100
103 59.6 50.1 75.1

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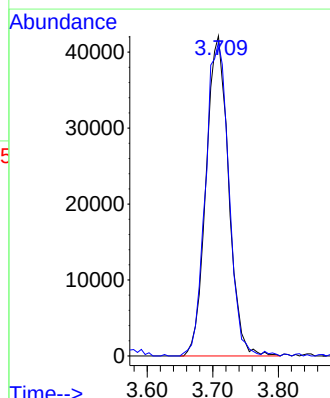
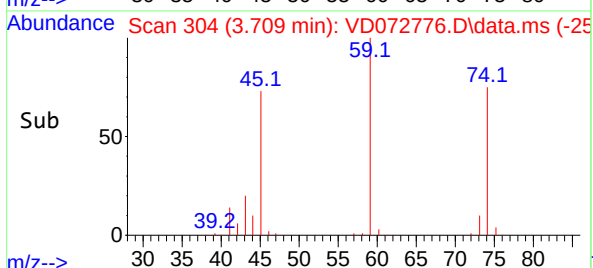
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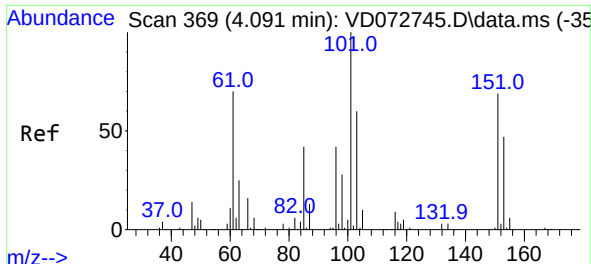


#8
Diethyl Ether
Concen: 51.013 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12



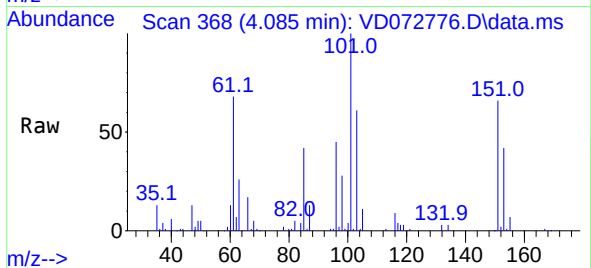
Tgt Ion: 74 Resp: 100404
Ion Ratio Lower Upper
74 100
45 101.2 52.6 157.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.120 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

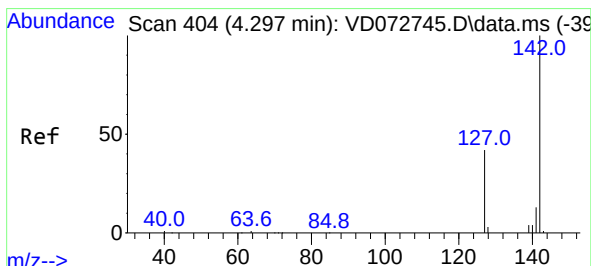
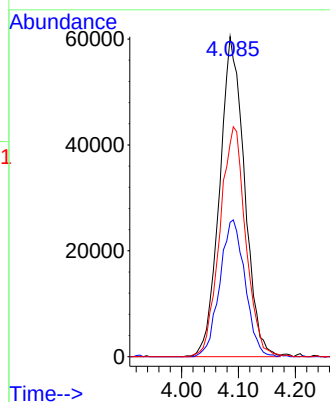
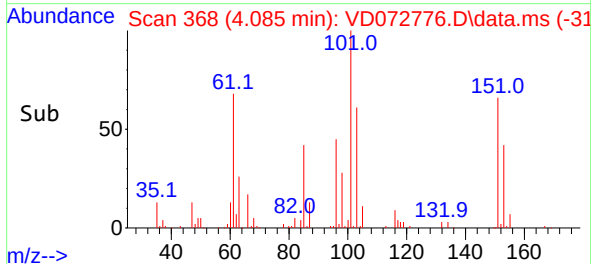
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



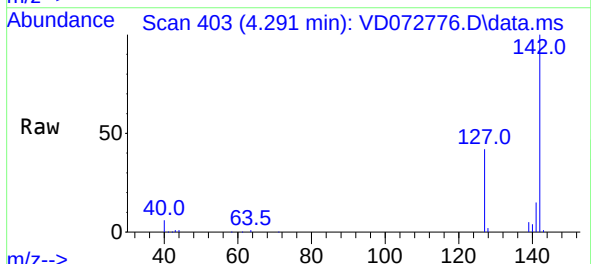
Tgt Ion:101 Resp: 18389
Ion Ratio Lower Upper
101 100
85 43.4 36.4 54.6
151 74.5 57.3 85.9

Manual Integrations
APPROVED

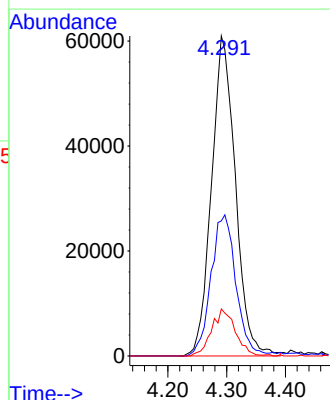
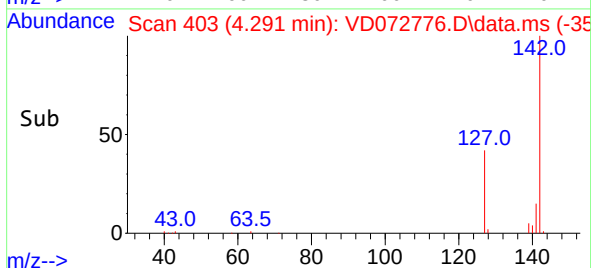
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

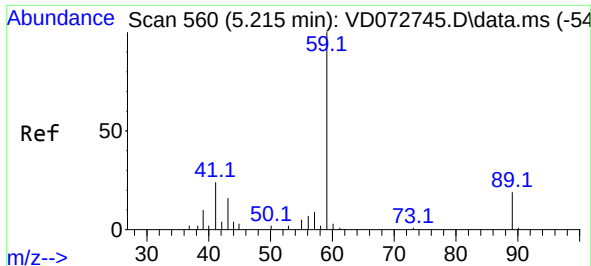


#10
Methyl Iodide
Concen: 42.097 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12



Tgt Ion:142 Resp: 172192
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: 231.170 ug/l

RT: 5.226 min Scan# 50

Delta R.T. 0.011 min

Lab File: VD072776.D

Acq: 03 May 2022 19:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 7893

Ion Ratio Lower Upper

59 100

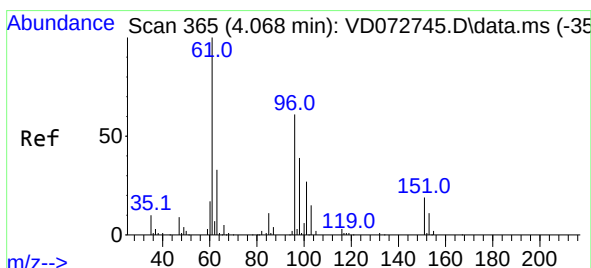
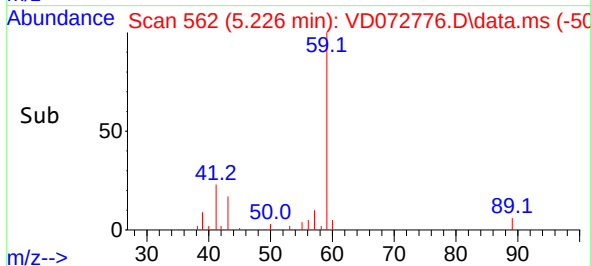
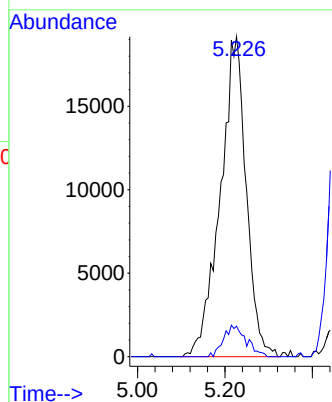
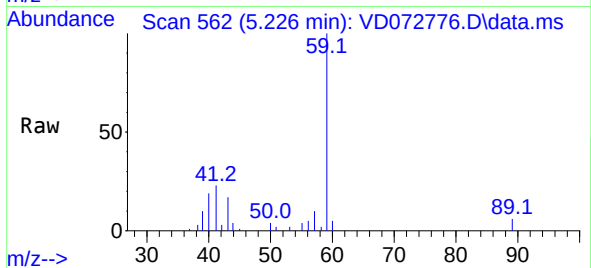
57 8.5 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/04/2022

Supervised By :Mahesh Dadoda 05/04/2022



#12

1,1-Dichloroethene

Concen: 46.978 ug/l

RT: 4.062 min Scan# 364

Delta R.T. -0.006 min

Lab File: VD072776.D

Acq: 03 May 2022 19:12

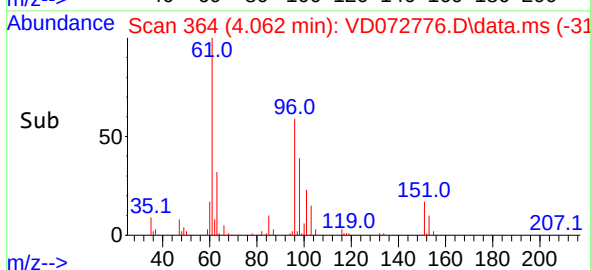
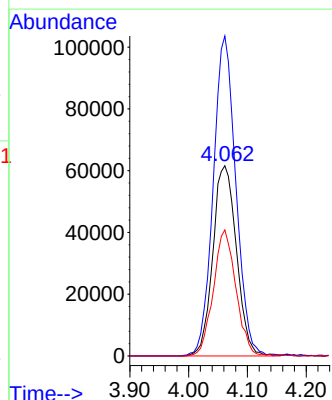
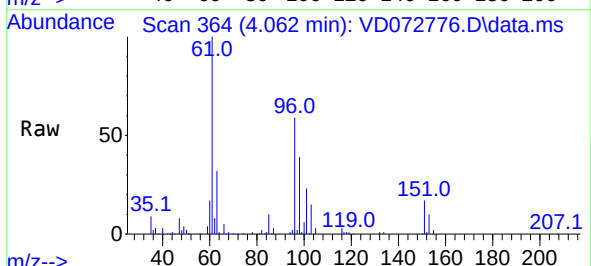
Tgt Ion: 96 Resp: 172224

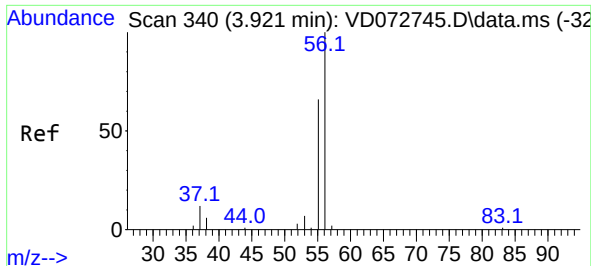
Ion Ratio Lower Upper

96 100

61 168.2 138.5 207.7

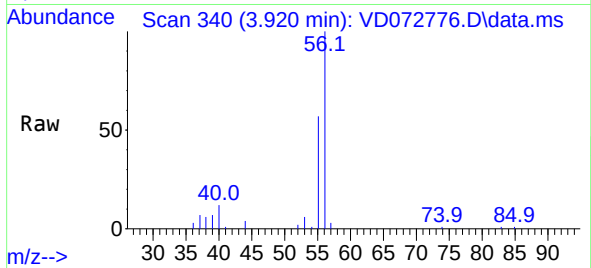
98 66.3 48.6 73.0





#13
Acrolein
Concen: 275.907 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.001 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

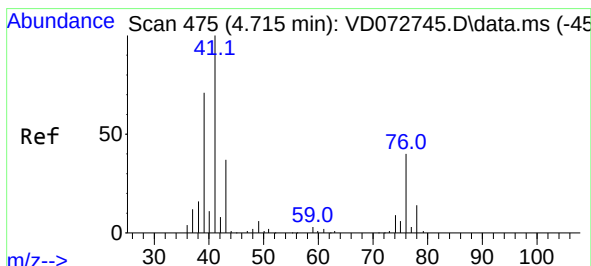
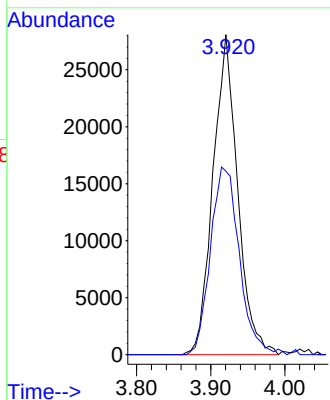
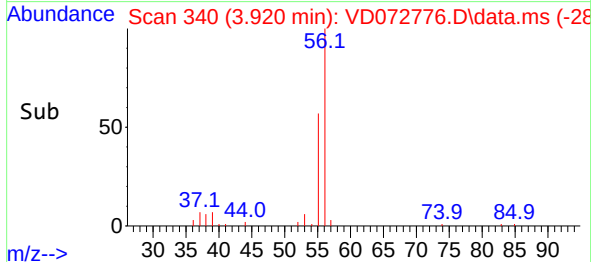
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



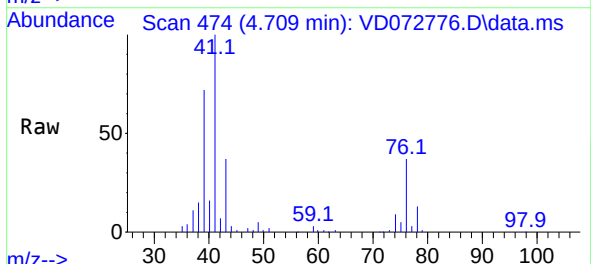
Tgt Ion: 56 Resp: 64970
Ion Ratio Lower Upper
56 100
55 68.6 57.1 85.7

Manual Integrations
APPROVED

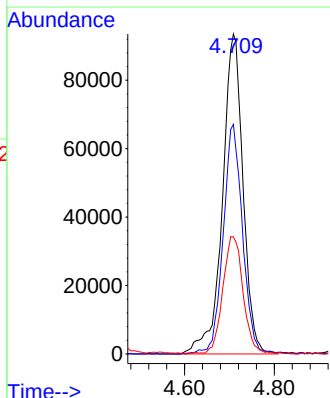
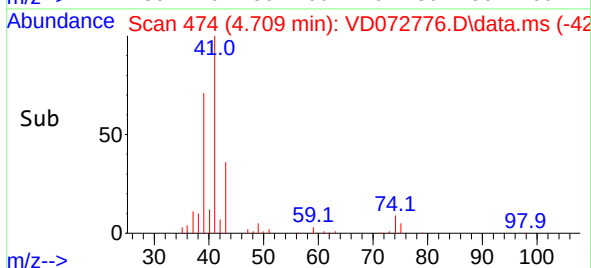
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

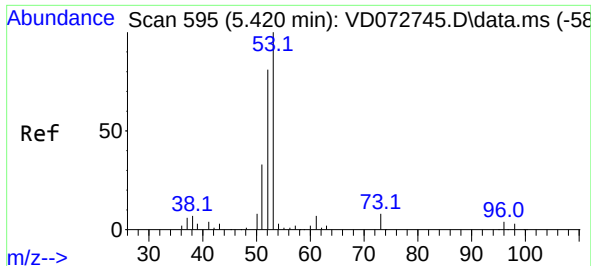


#14
Allyl chloride
Concen: 50.472 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12



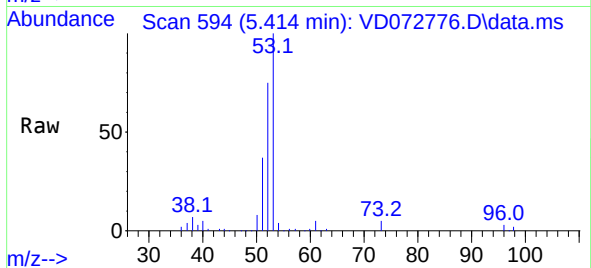
Tgt Ion: 41 Resp: 298728
Ion Ratio Lower Upper
41 100
39 67.3 59.3 88.9
76 35.5 25.7 38.5





#15
Acrylonitrile
Concen: 277.565 ug/l
RT: 5.414 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

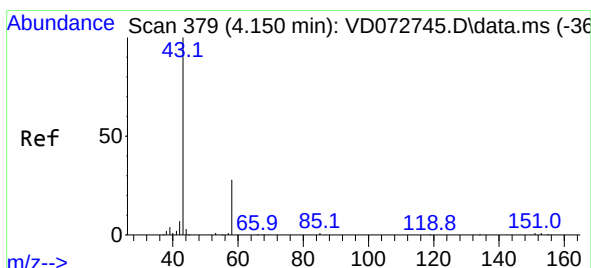
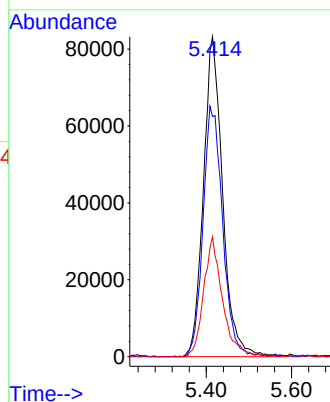
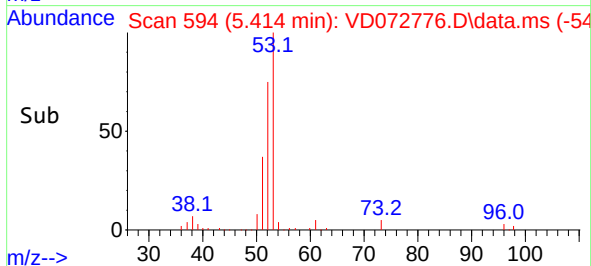
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



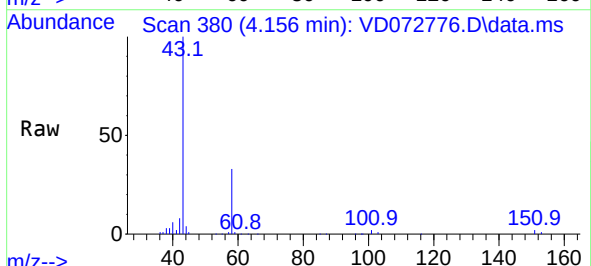
Tgt Ion: 53 Resp: 259628
Ion Ratio Lower Upper
53 100
52 80.2 67.2 100.8
51 36.6 30.3 45.5

Manual Integrations
APPROVED

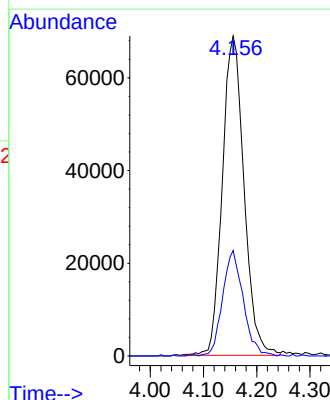
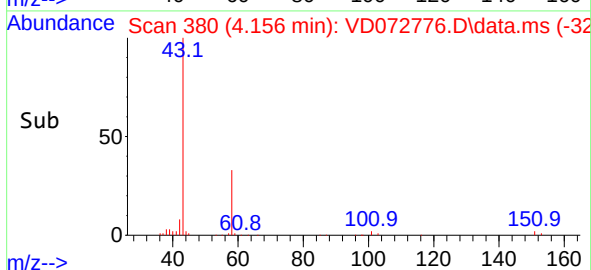
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

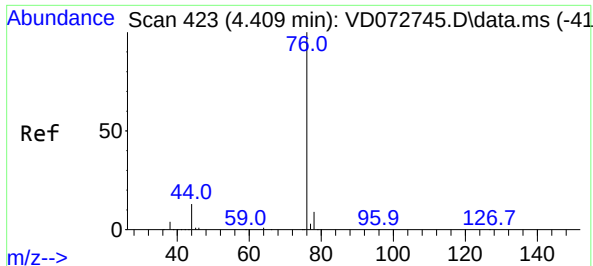


#16
Acetone
Concen: 264.432 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12



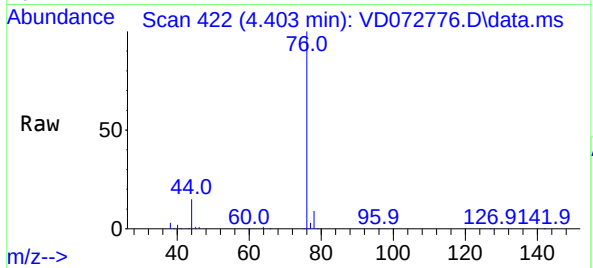
Tgt Ion: 43 Resp: 194736
Ion Ratio Lower Upper
43 100
58 33.0 22.1 33.1





#17
Carbon Disulfide
Concen: 45.869 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

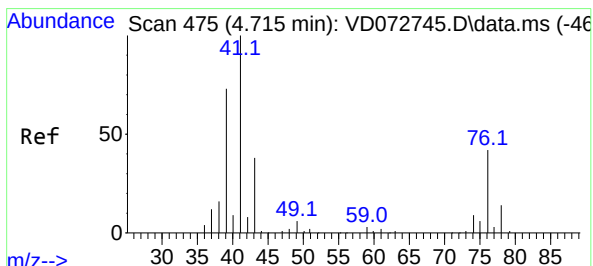
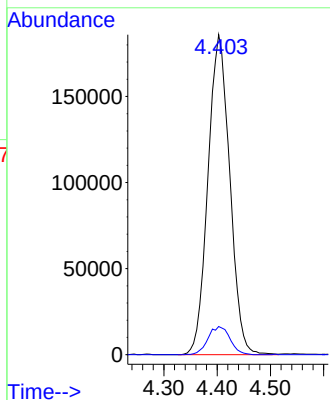
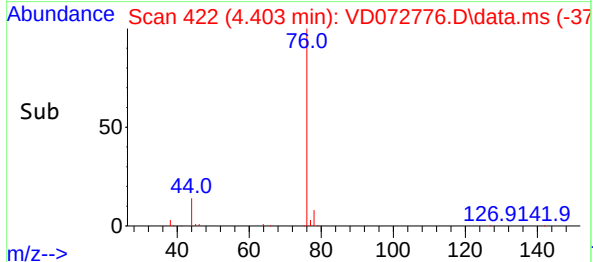
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



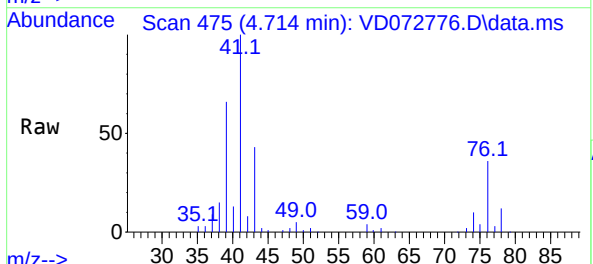
Tgt Ion: 76 Resp: 52874
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

Manual Integrations
APPROVED

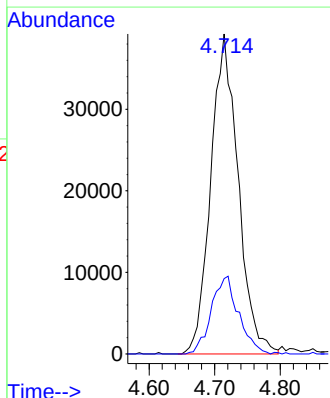
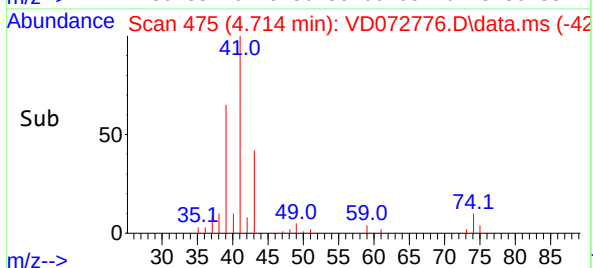
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

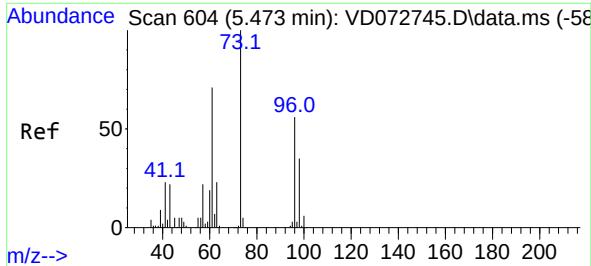


#18
Methyl Acetate
Concen: 52.929 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12



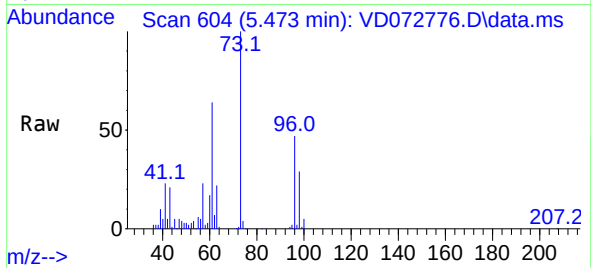
Tgt Ion: 43 Resp: 113636
Ion Ratio Lower Upper
43 100
74 24.2 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 55.161 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

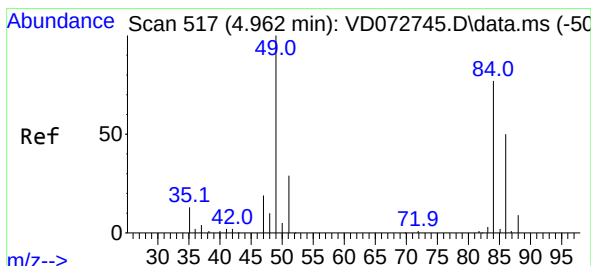
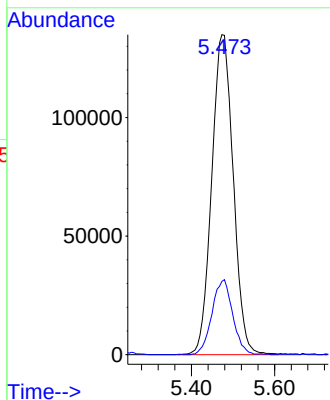
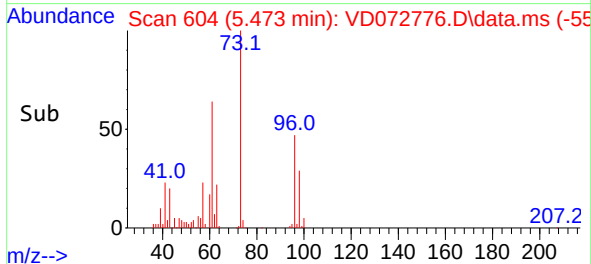
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



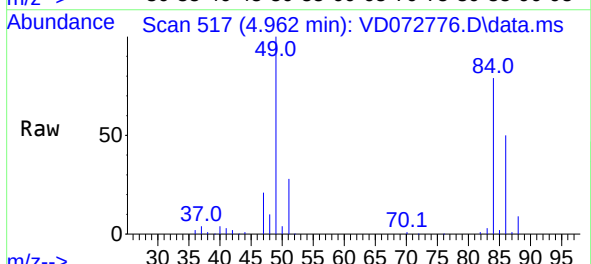
Tgt Ion: 73 Resp: 484786
Ion Ratio Lower Upper
73 100
57 22.9 18.0 27.0

Manual Integrations
APPROVED

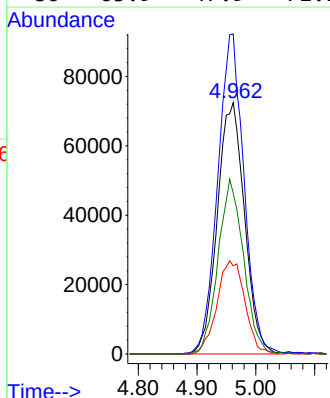
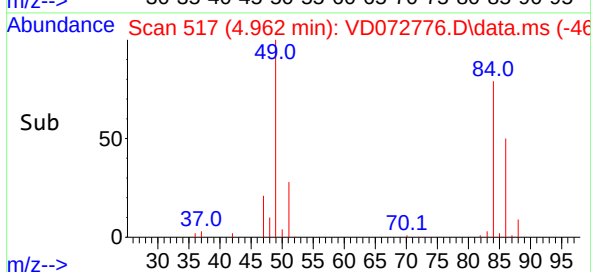
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

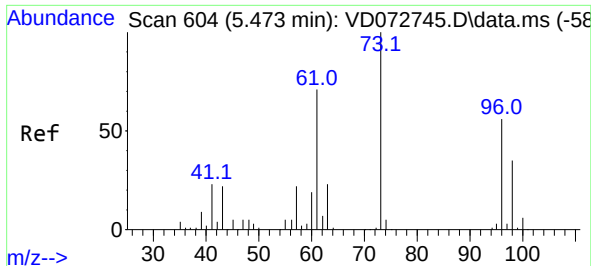


#20
Methylene Chloride
Concen: 49.287 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12



Tgt Ion: 84 Resp: 233086
Ion Ratio Lower Upper
84 100
49 127.3 112.8 169.2
51 35.0 32.6 48.8
86 63.9 47.9 71.9





#21

trans-1,2-Dichloroethene

Concen: 48.617 ug/l

RT: 5.461 min Scan# 604

Delta R.T. -0.012 min

Lab File: VD072776.D

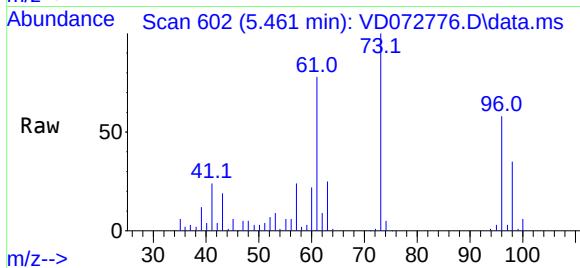
Acq: 03 May 2022 19:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 96 Resp: 20440

Ion Ratio Lower Upper

96 100

61 133.8 117.9 176.9

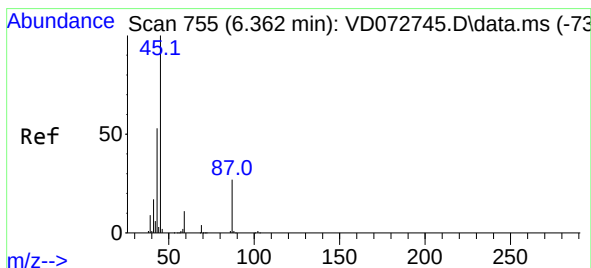
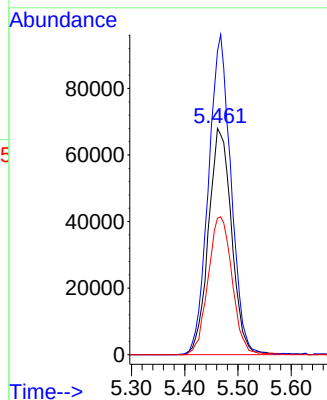
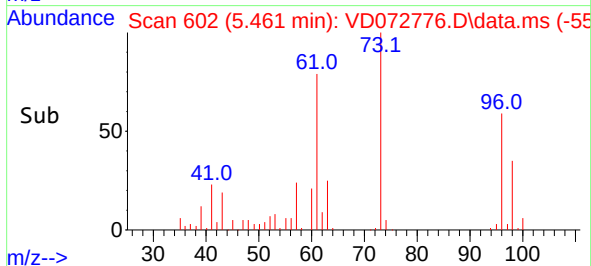
98 60.3 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/04/2022

Supervised By :Mahesh Dadoda 05/04/2022



#22

Diisopropyl ether

Concen: 52.364 ug/l

RT: 6.361 min Scan# 755

Delta R.T. -0.001 min

Lab File: VD072776.D

Acq: 03 May 2022 19:12

Tgt Ion: 45 Resp: 681788

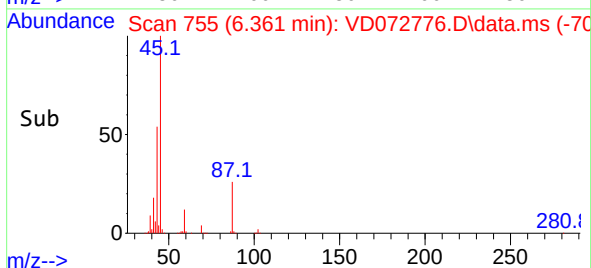
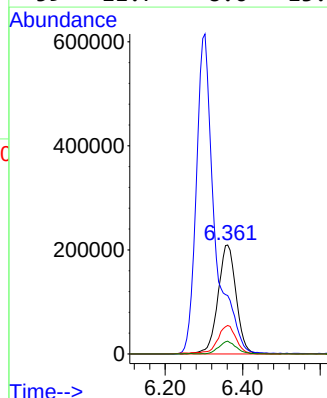
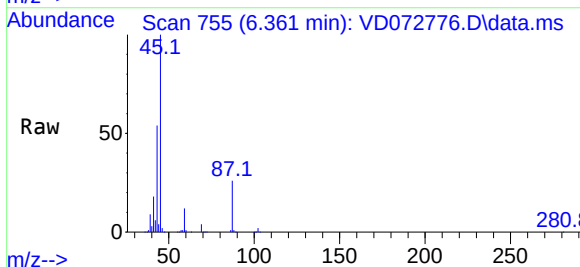
Ion Ratio Lower Upper

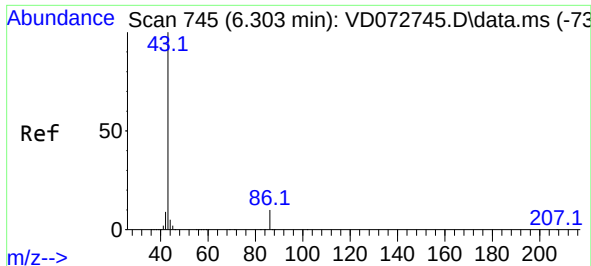
45 100

43 52.8 46.6 70.0

87 26.1 18.4 27.6

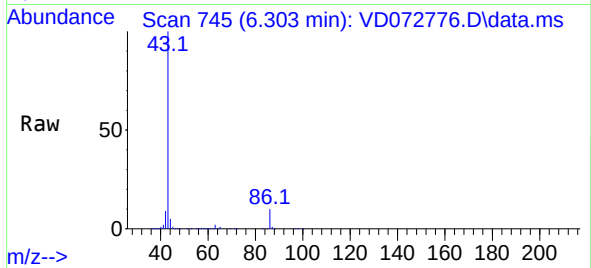
59 11.7 8.6 13.0





#23
 Vinyl Acetate
 Concen: 280.254 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072776.D
 Acq: 03 May 2022 19:12

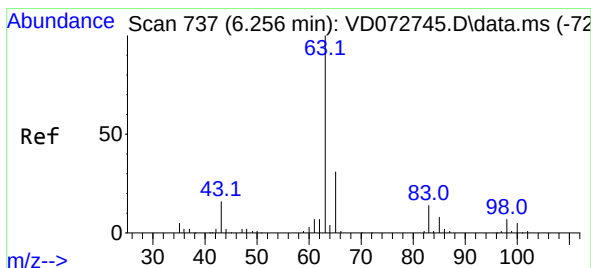
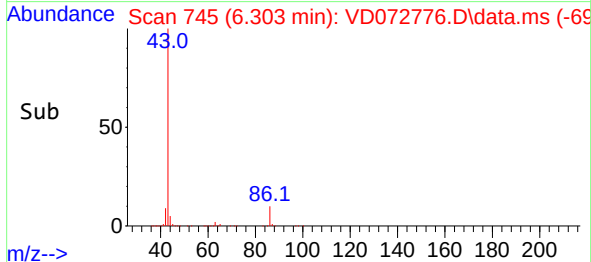
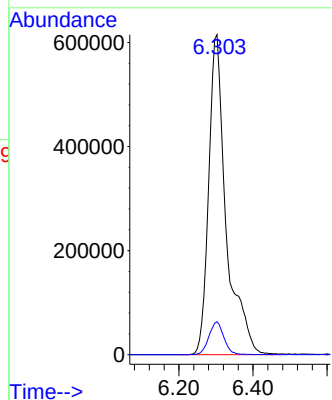
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 201571
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.1 10.7

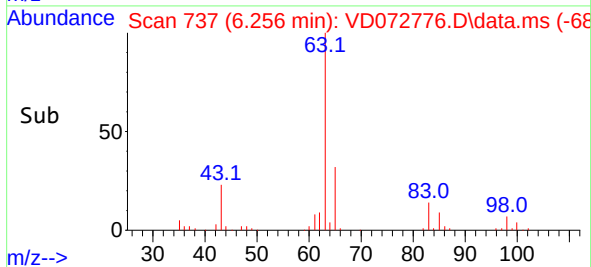
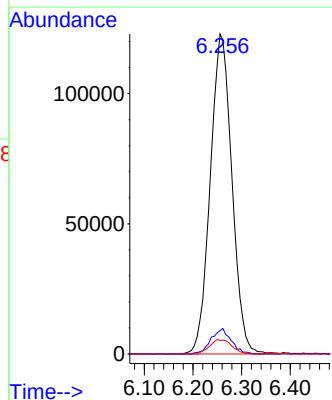
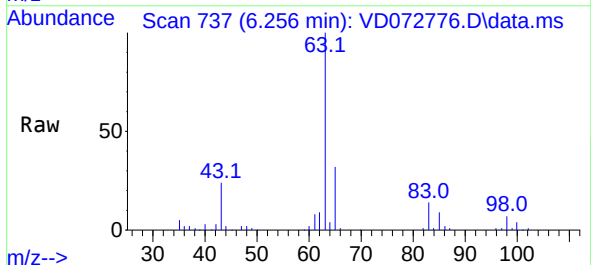
Manual Integrations
 APPROVED

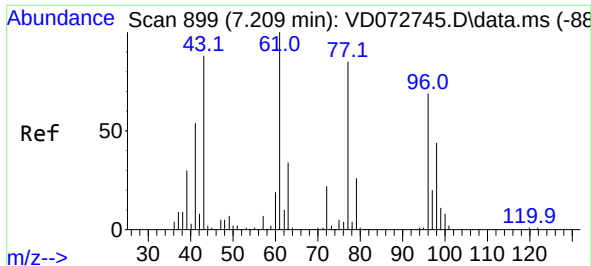
Reviewed By :John Carlone 05/04/2022
 Supervised By :Mahesh Dadoda 05/04/2022



#24
 1,1-Dichloroethane
 Concen: 48.564 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.000 min
 Lab File: VD072776.D
 Acq: 03 May 2022 19:12

Tgt Ion: 63 Resp: 379893
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.2 2.1 6.5





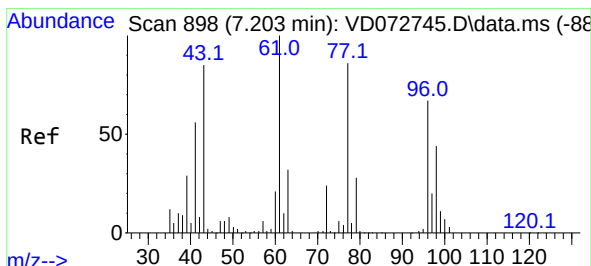
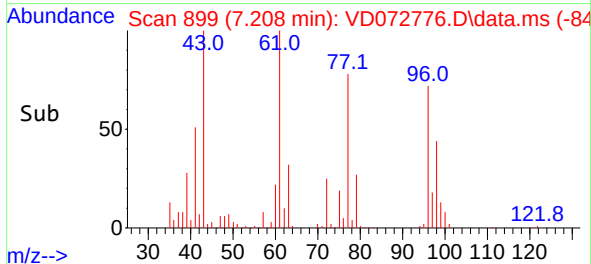
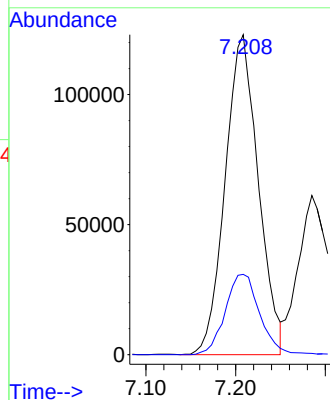
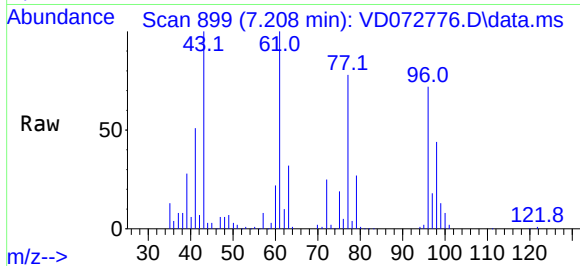
#25
2-Butanone
Concen: 274.409 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 31554
Ion Ratio Lower Upper
43 100
72 25.1 18.6 27.8

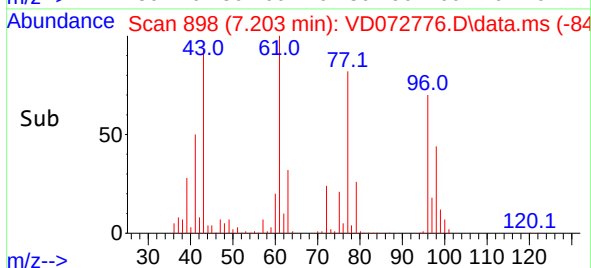
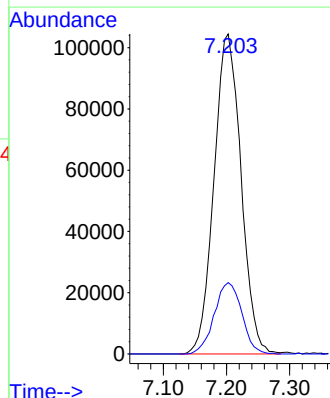
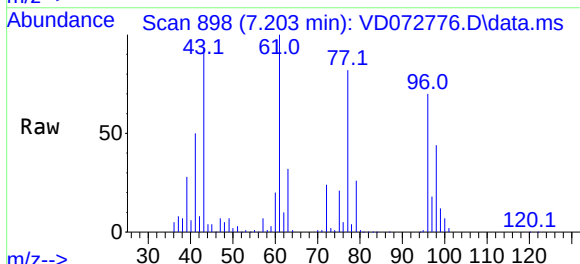
Manual Integrations
APPROVED

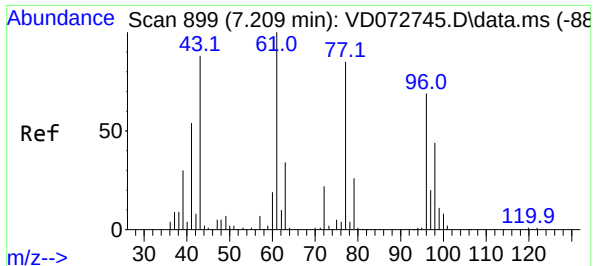
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#26
2,2-Dichloropropane
Concen: 46.940 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

Tgt Ion: 77 Resp: 310419
Ion Ratio Lower Upper
77 100
97 22.7 10.8 32.4





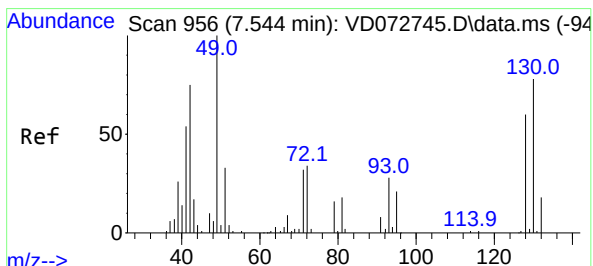
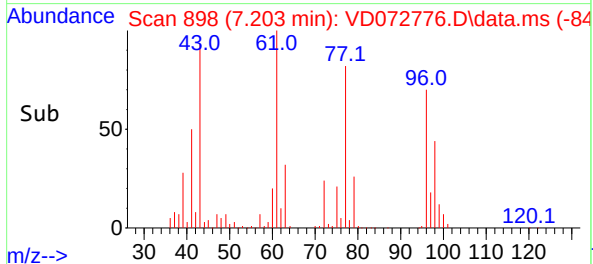
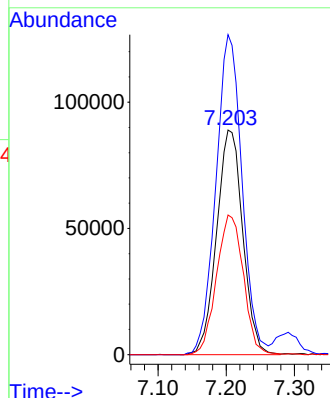
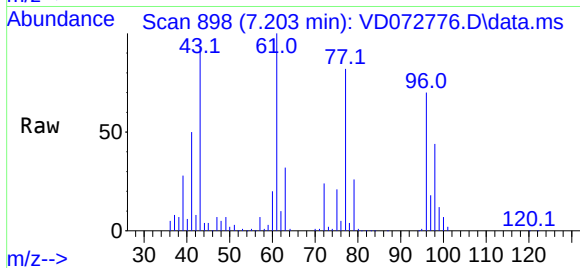
#27
cis-1,2-Dichloroethene
Concen: 49.357 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 23768
Ion Ratio Lower Upper
96 100
61 142.4 0.0 313.8
98 63.9 0.0 128.8

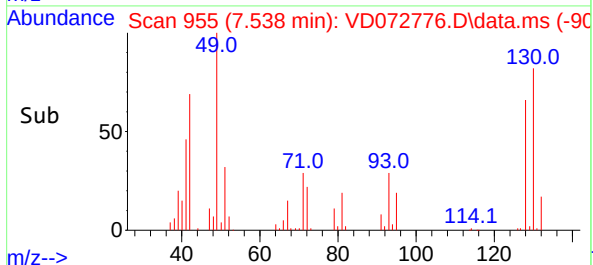
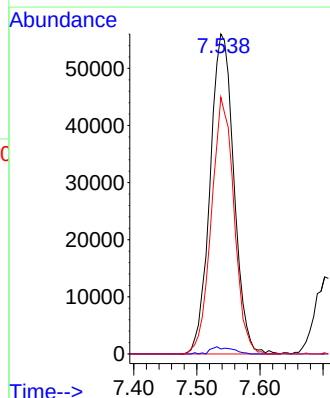
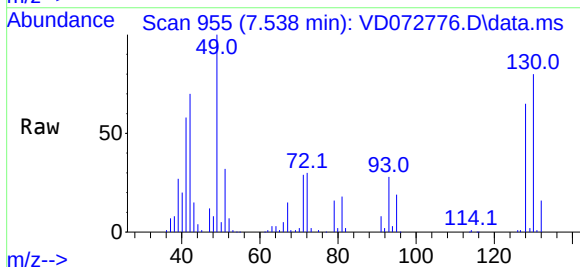
Manual Integrations
APPROVED

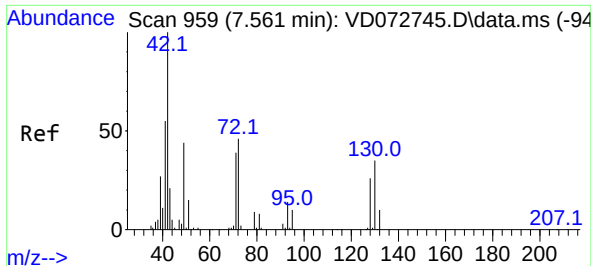
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#28
Bromochloromethane
Concen: 50.380 ug/l
RT: 7.538 min Scan# 955
Delta R.T. -0.006 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

Tgt Ion: 49 Resp: 146965
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 76.0 52.6 79.0





#29

Tetrahydrofuran

Concen: 289.523 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD072776.D

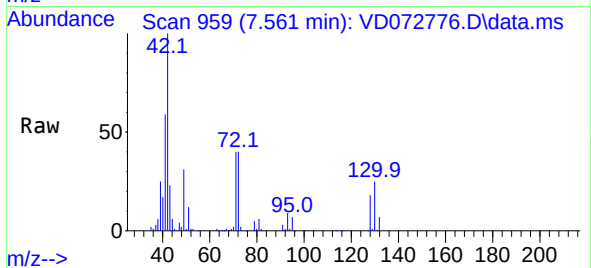
Acq: 03 May 2022 19:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 212200

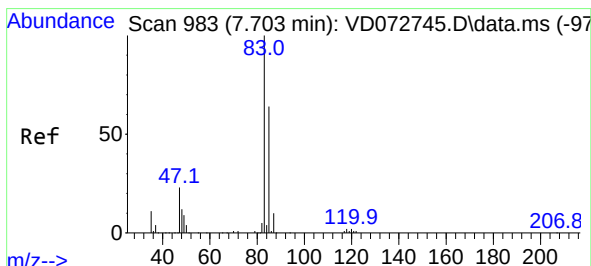
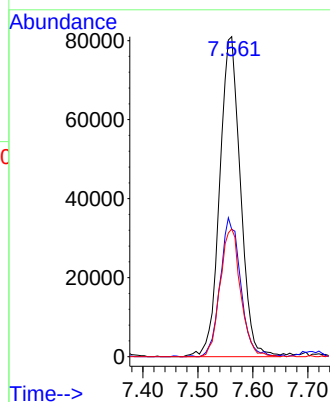
Ion	Ratio	Lower	Upper
42	100		
72	42.6	30.7	46.1
71	39.6	28.6	43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/04/2022

Supervised By :Mahesh Dadoda 05/04/2022



#30

Chloroform

Concen: 48.551 ug/l

RT: 7.703 min Scan# 983

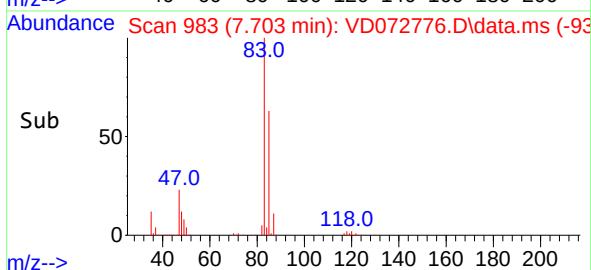
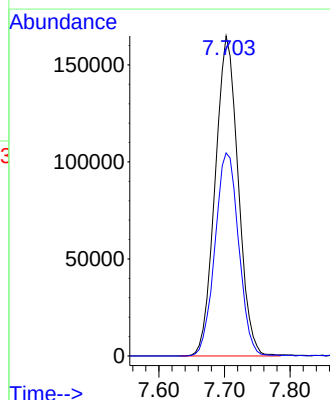
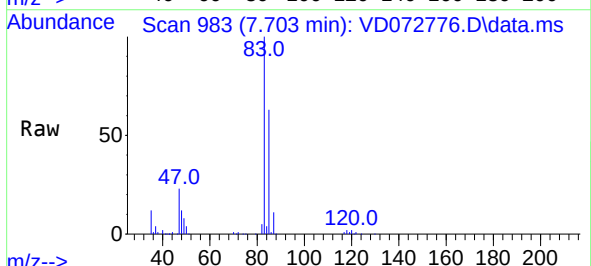
Delta R.T. -0.000 min

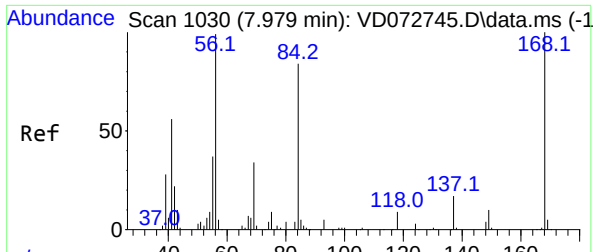
Lab File: VD072776.D

Acq: 03 May 2022 19:12

Tgt Ion: 83 Resp: 401859

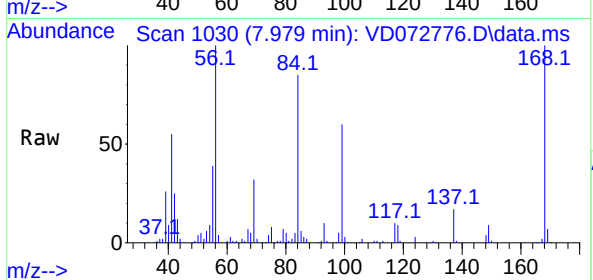
Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.7	79.1





#31
Cyclohexane
Concen: 45.927 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

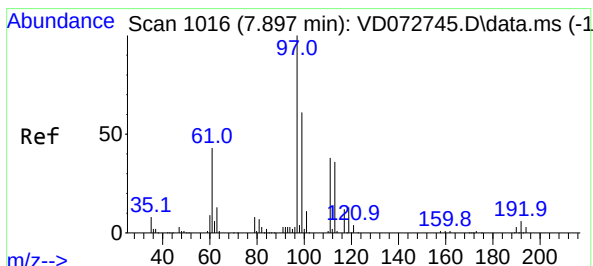
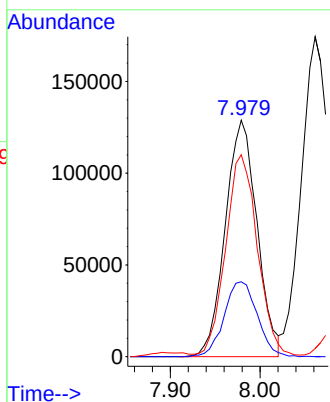
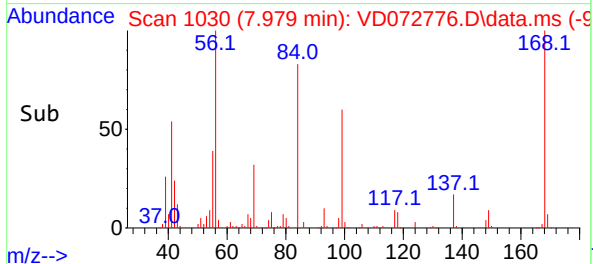
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



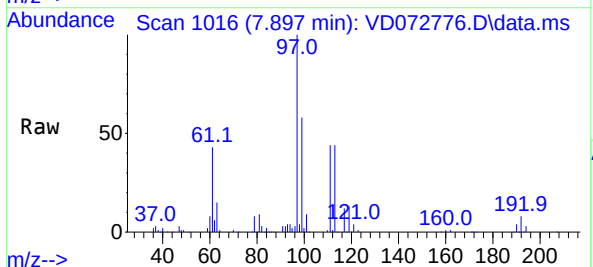
Tgt Ion: 56 Resp: 316844
Ion Ratio Lower Upper
56 100
69 31.7 25.4 38.2
84 83.8 63.0 94.4

Manual Integrations
APPROVED

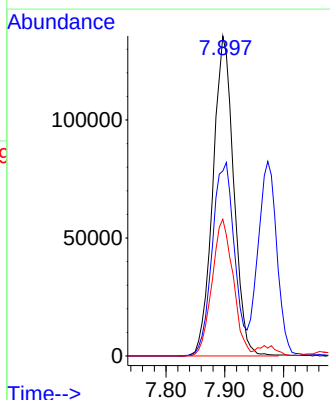
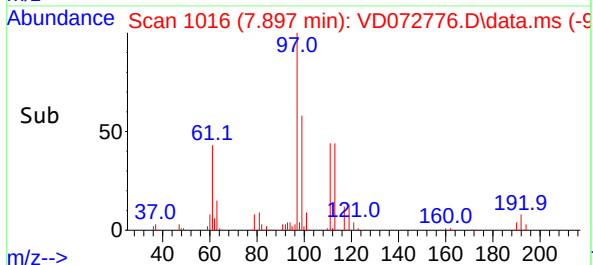
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

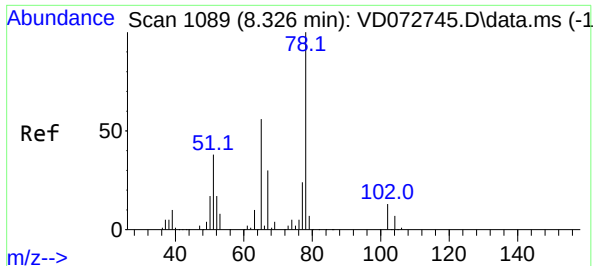


#32
1,1,1-Trichloroethane
Concen: 47.308 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12



Tgt Ion: 97 Resp: 333723
Ion Ratio Lower Upper
97 100
99 64.8 52.4 78.6
61 43.3 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 50.383 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072776.D

Acq: 03 May 2022 19:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 198838

Ion Ratio Lower Upper

65 100

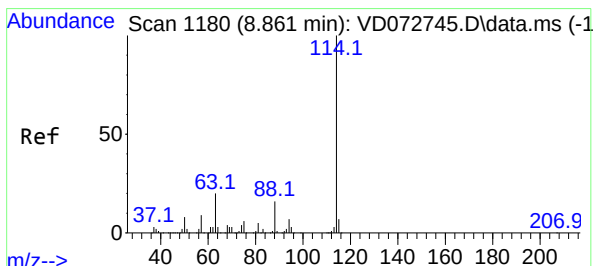
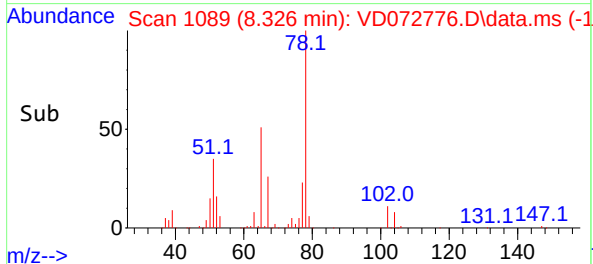
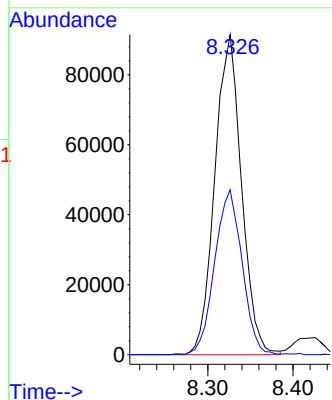
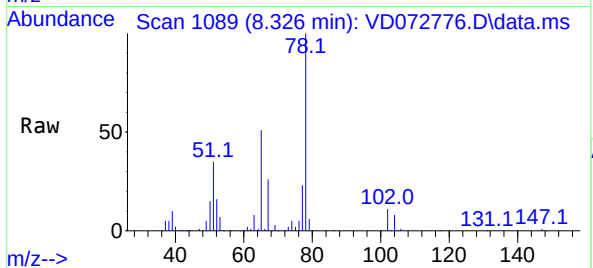
67 52.9 0.0 101.4

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: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072776.D

Acq: 03 May 2022 19:12

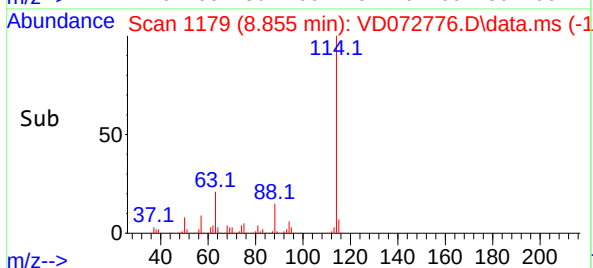
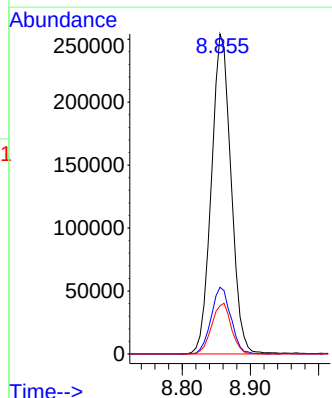
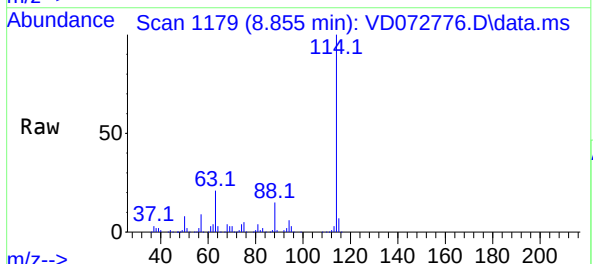
Tgt Ion:114 Resp: 509798

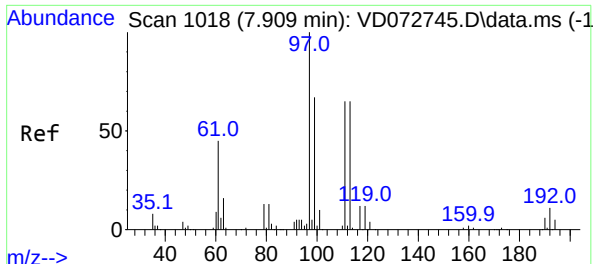
Ion Ratio Lower Upper

114 100

63 20.9 0.0 46.6

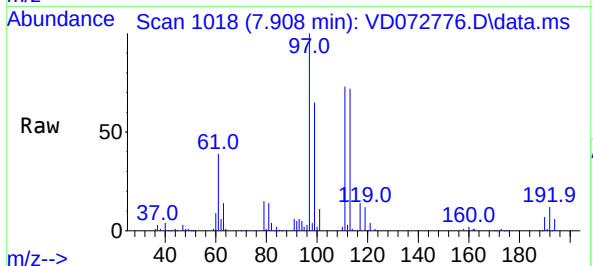
88 15.0 0.0 33.2





#35
Dibromofluoromethane
Concen: 51.343 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

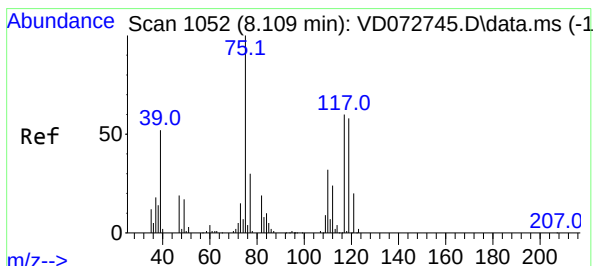
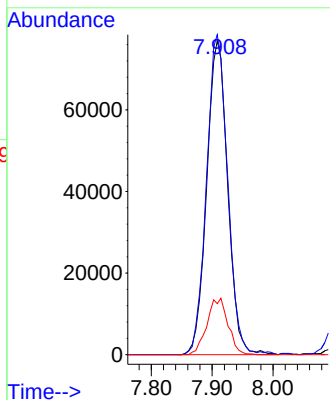
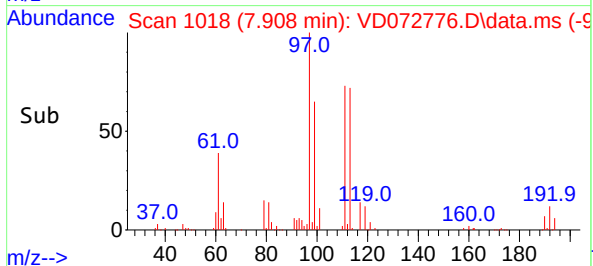
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



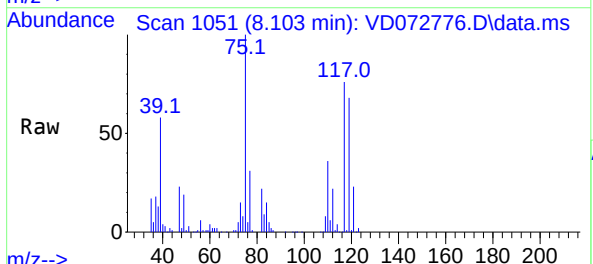
Tgt Ion: 113 Resp: 183828
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.6
192 18.1 14.6 21.8

Manual Integrations
APPROVED

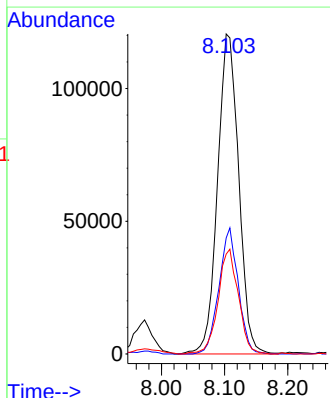
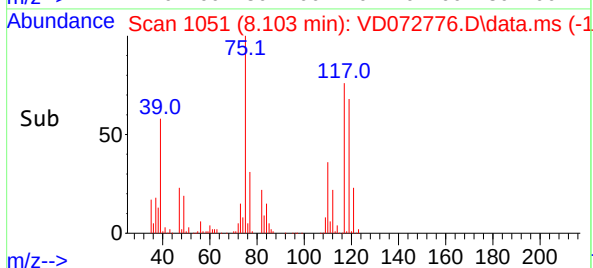
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

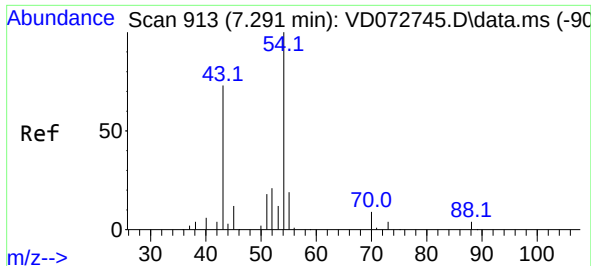


#36
1,1-Dichloropropene
Concen: 48.217 ug/l
RT: 8.103 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12



Tgt Ion: 75 Resp: 280709
Ion Ratio Lower Upper
75 100
110 36.0 16.4 49.1
77 31.5 24.2 36.2





#37

Ethyl Acetate

Concen: 57.786 ug/l

RT: 7.285 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD072776.D

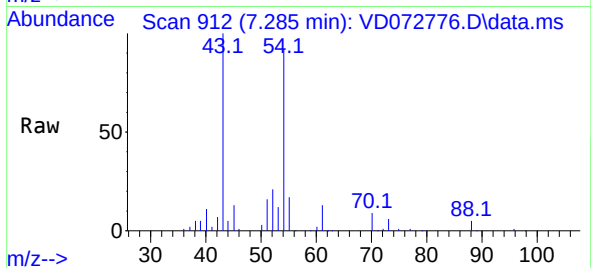
Acq: 03 May 2022 19:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 154652

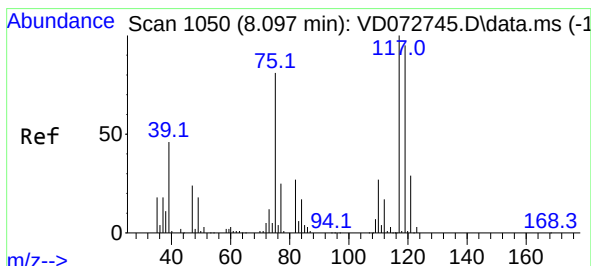
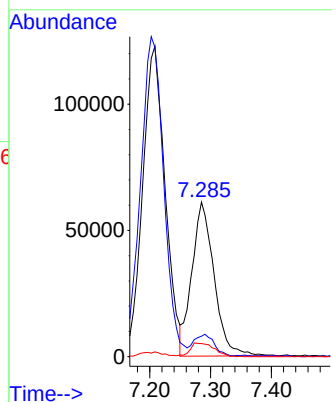
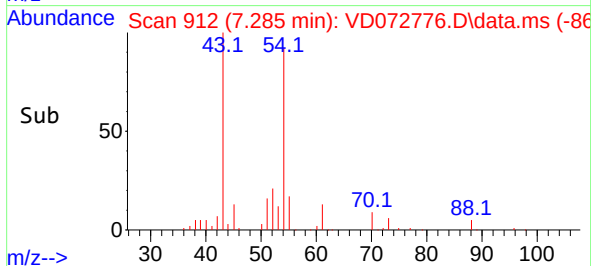
Ion	Ratio	Lower	Upper
43	100		
61	12.9	9.8	14.8
70	9.6	6.9	10.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/04/2022

Supervised By :Mahesh Dadoda 05/04/2022



#38

Carbon Tetrachloride

Concen: 49.094 ug/l

RT: 8.091 min Scan# 1049

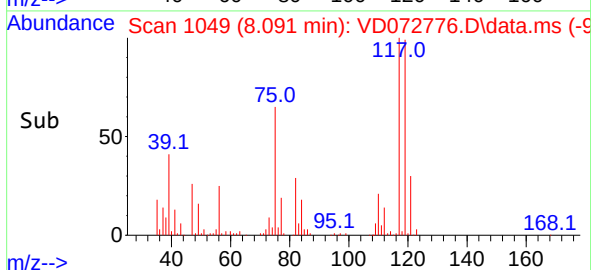
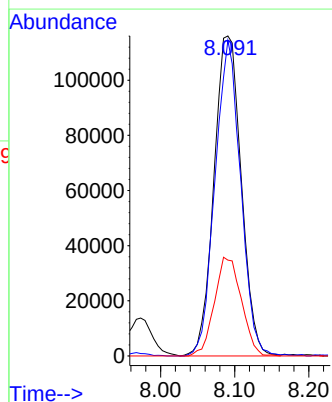
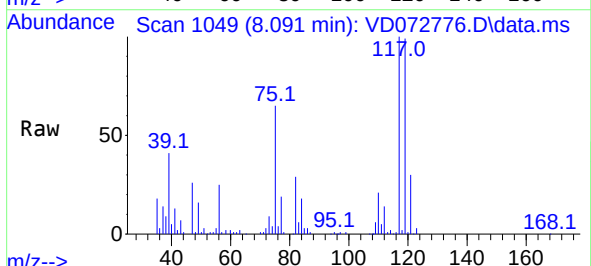
Delta R.T. -0.006 min

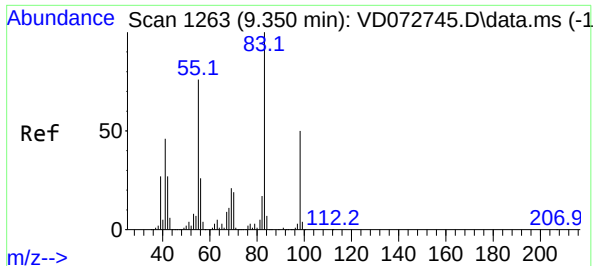
Lab File: VD072776.D

Acq: 03 May 2022 19:12

Tgt Ion:117 Resp: 296690

Ion	Ratio	Lower	Upper
117	100		
119	98.6	75.8	113.6
121	30.0	24.5	36.7





#39

Methylcyclohexane

Concen: 48.286 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD072776.D

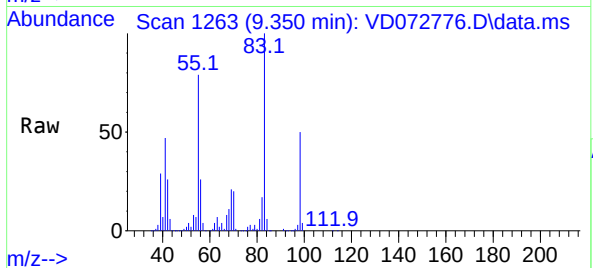
Acq: 03 May 2022 19:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 83 Resp: 326060

Ion Ratio Lower Upper

83 100

55 79.5 63.2 94.8

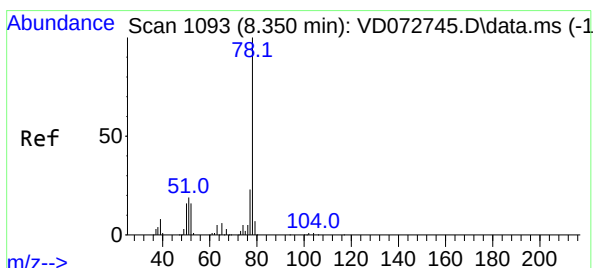
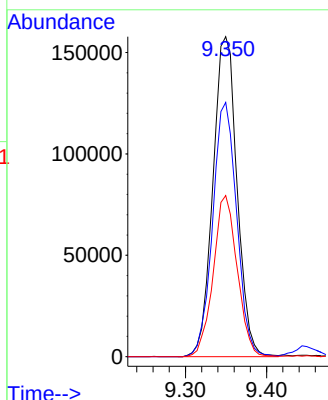
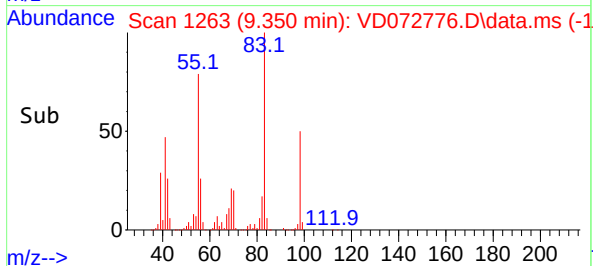
98 50.3 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/04/2022

Supervised By :Mahesh Dadoda 05/04/2022



#40

Benzene

Concen: 50.068 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD072776.D

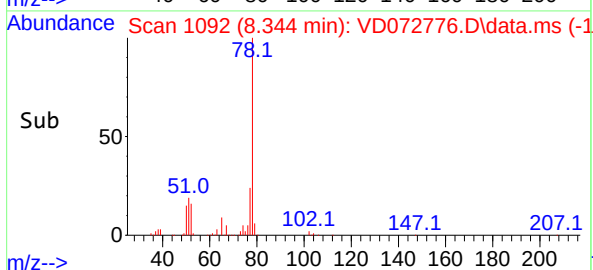
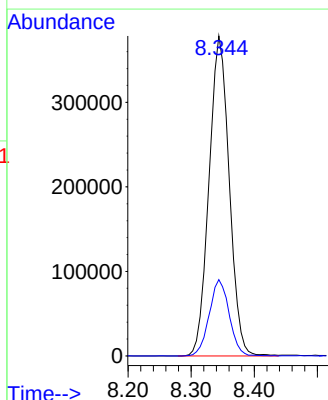
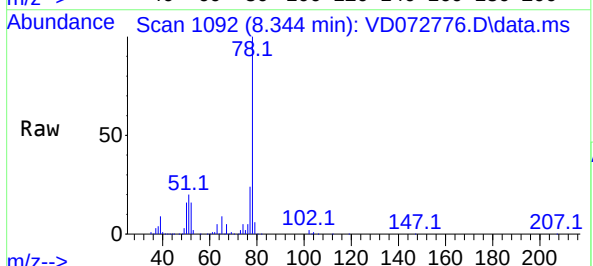
Acq: 03 May 2022 19:12

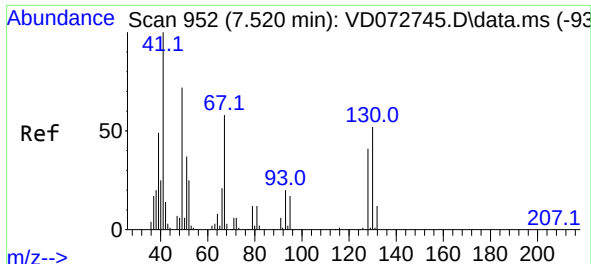
Tgt Ion: 78 Resp: 841760

Ion Ratio Lower Upper

78 100

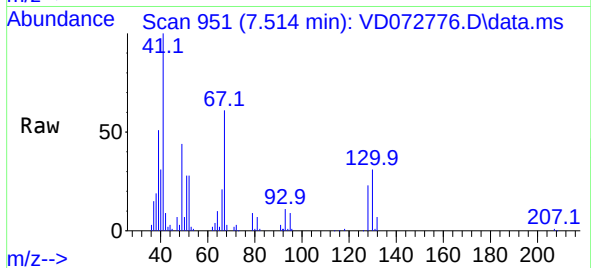
77 23.8 19.1 28.7





#41
Methacrylonitrile
Concen: 55.944 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

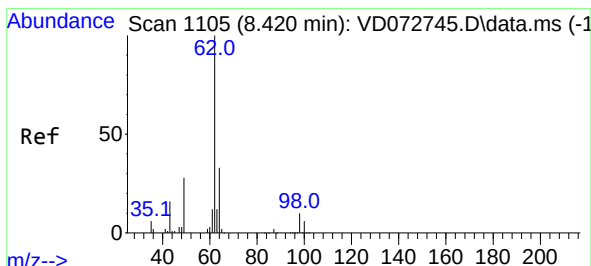
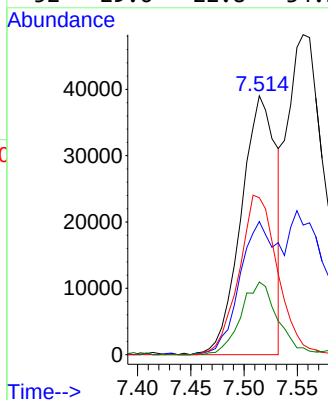
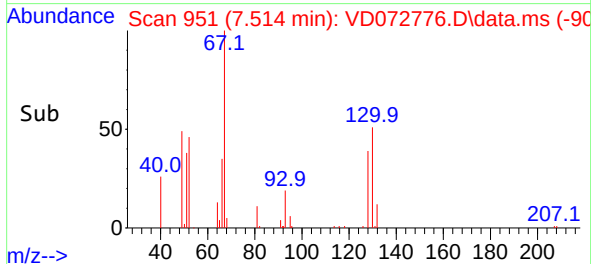
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 89150
Ion Ratio Lower Upper
41 100
39 59.0 44.6 67.0
67 68.2 48.2 72.4
52 29.6 22.8 34.2

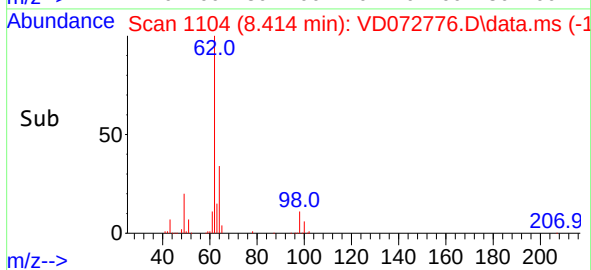
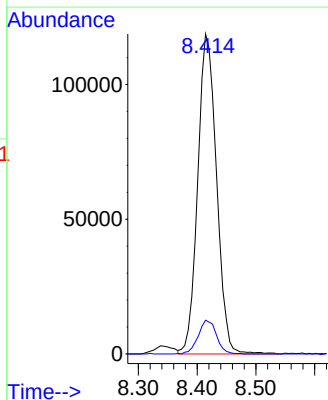
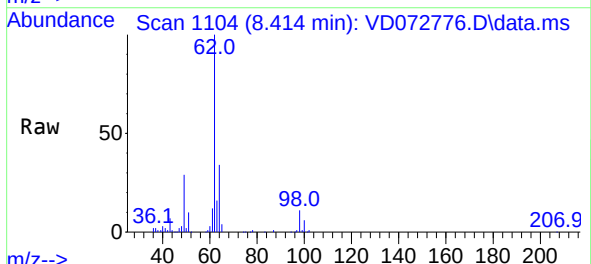
Manual Integrations
APPROVED

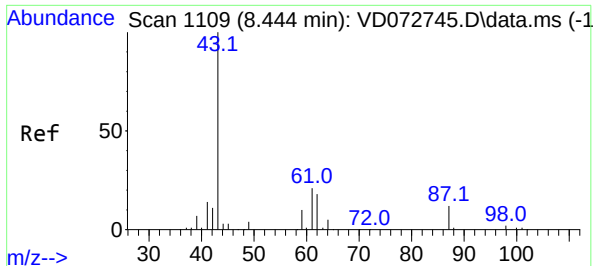
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#42
1,2-Dichloroethane
Concen: 52.060 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

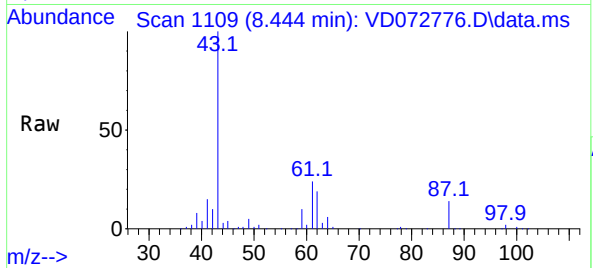
Tgt Ion: 62 Resp: 263754
Ion Ratio Lower Upper
62 100
98 10.3 0.0 17.6





#43
Isopropyl Acetate
Concen: 55.967 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

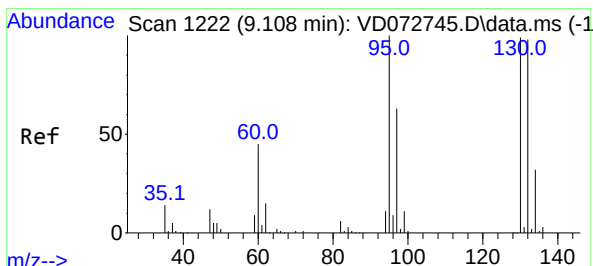
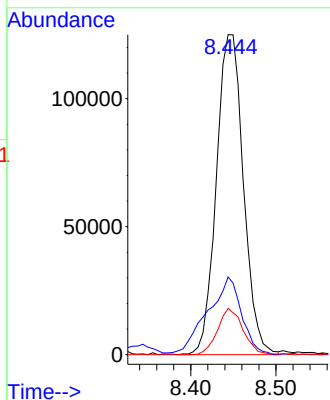
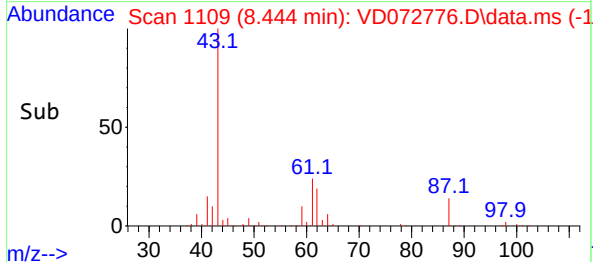
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



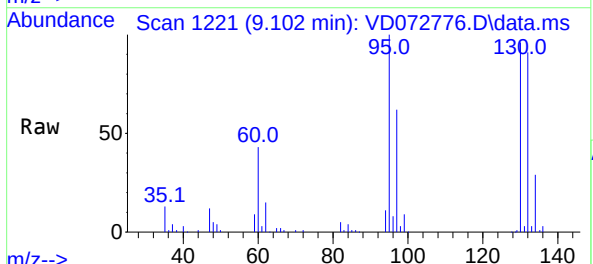
Tgt Ion: 43 Resp: 276458
Ion Ratio Lower Upper
43 100
61 30.5 22.4 33.6
87 13.7 8.7 13.1

Manual Integrations
APPROVED

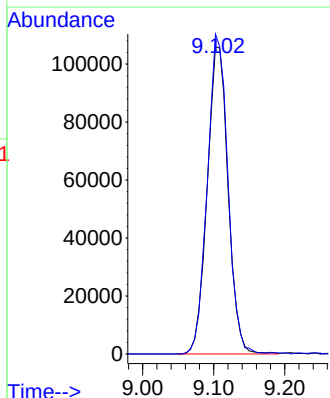
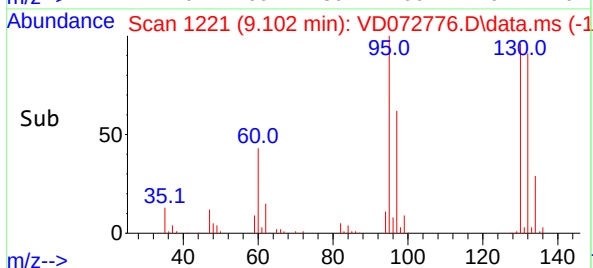
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

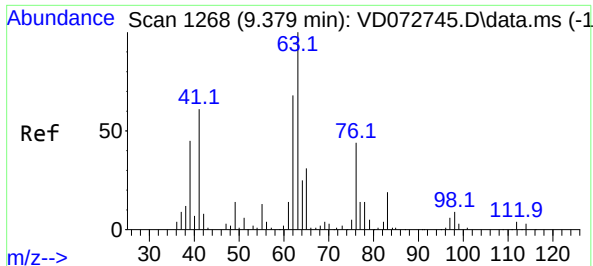


#44
Trichloroethene
Concen: 48.165 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12



Tgt Ion:130 Resp: 216641
Ion Ratio Lower Upper
130 100
95 104.2 0.0 205.4





#45

1,2-Dichloropropane

Concen: 49.823 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD072776.D

Acq: 03 May 2022 19:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 21998

Ion Ratio Lower Upper

63 100

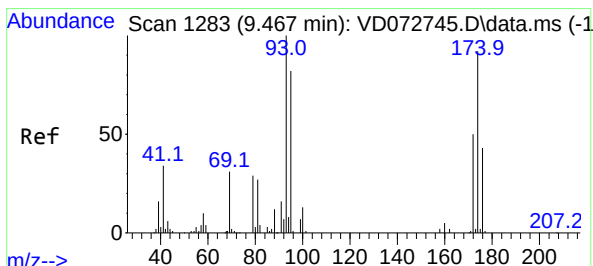
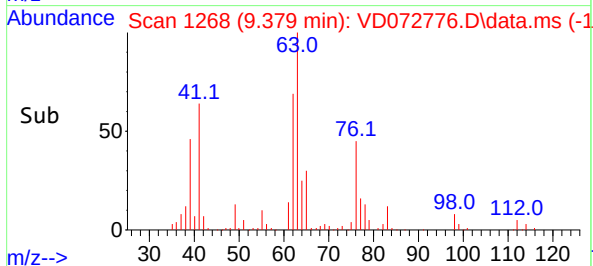
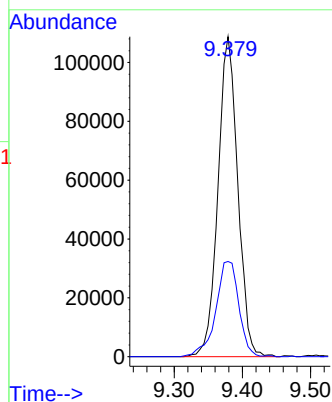
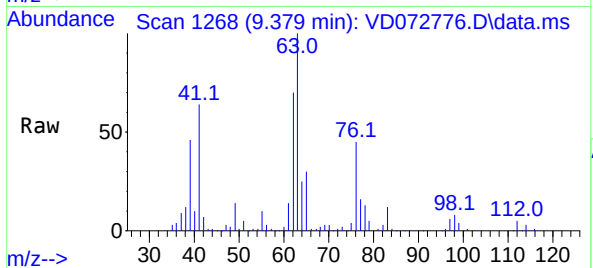
65 29.8 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/04/2022

Supervised By :Mahesh Dadoda 05/04/2022



#46

Dibromomethane

Concen: 52.279 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD072776.D

Acq: 03 May 2022 19:12

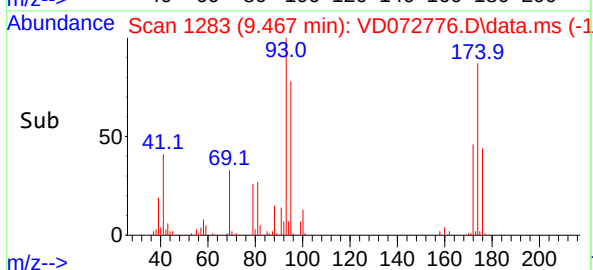
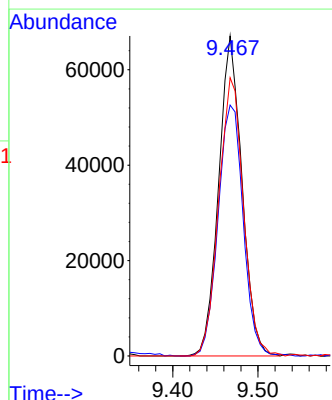
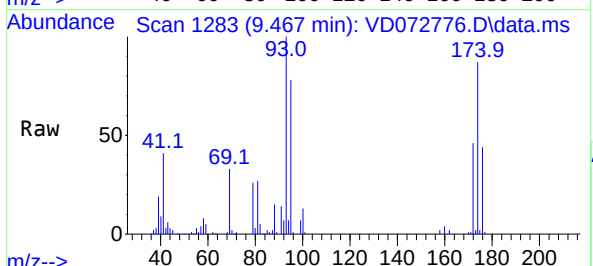
Tgt Ion: 93 Resp: 127326

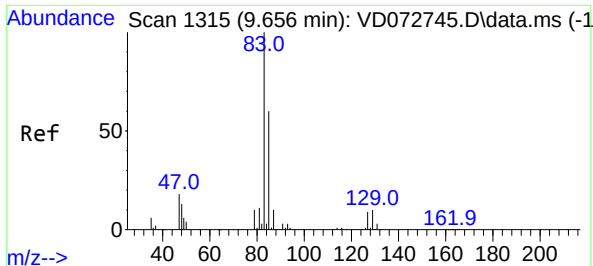
Ion Ratio Lower Upper

93 100

95 84.5 66.7 100.1

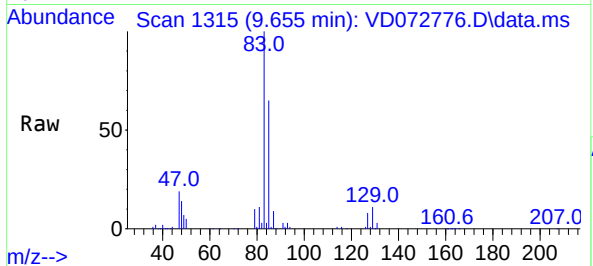
174 92.0 71.6 107.4





#47
Bromodichloromethane
Concen: 50.270 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.001 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

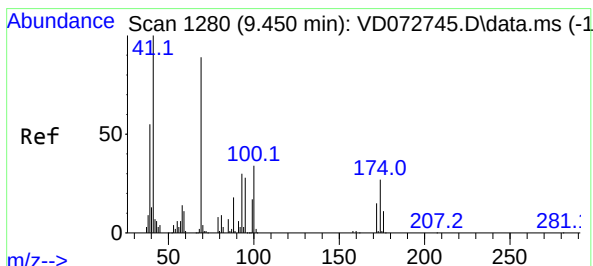
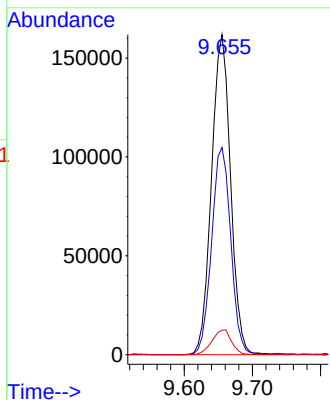
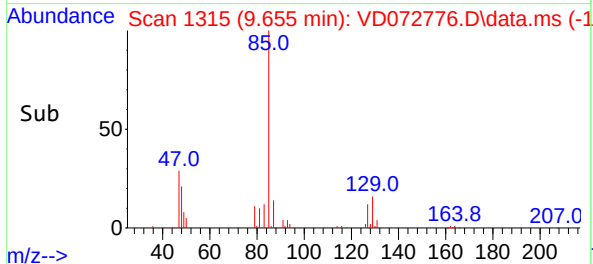
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



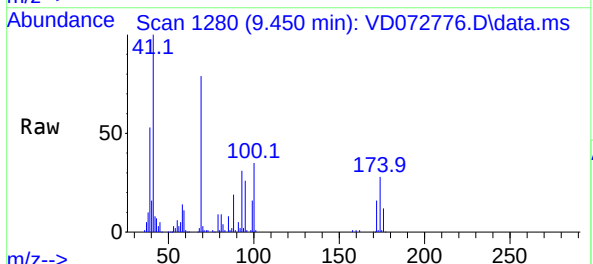
Tgt Ion: 83 Resp: 31496
Ion Ratio Lower Upper
83 100
85 64.8 51.4 77.0
127 7.7 6.1 9.1

Manual Integrations
APPROVED

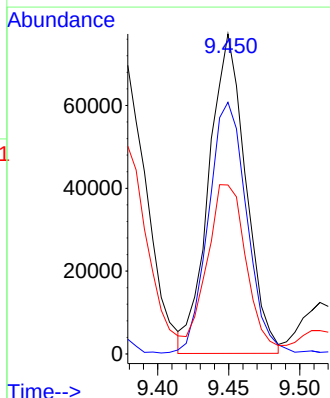
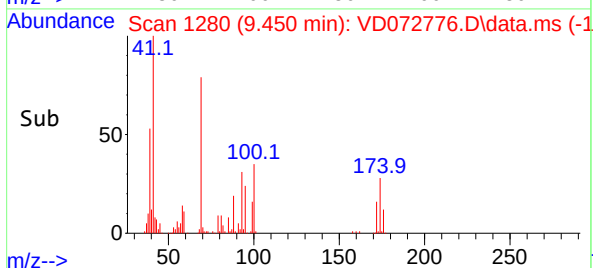
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

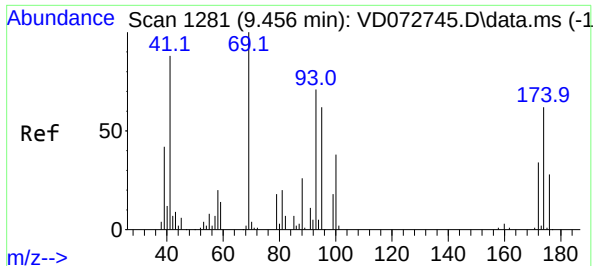


#48
Methyl methacrylate
Concen: 57.535 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12



Tgt Ion: 41 Resp: 139037
Ion Ratio Lower Upper
41 100
69 81.5 56.7 85.1
39 55.9 42.7 64.1





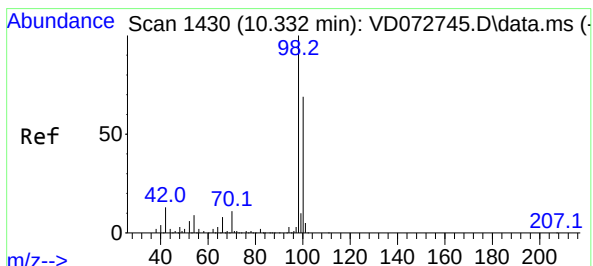
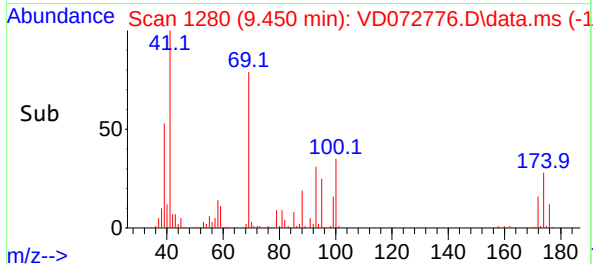
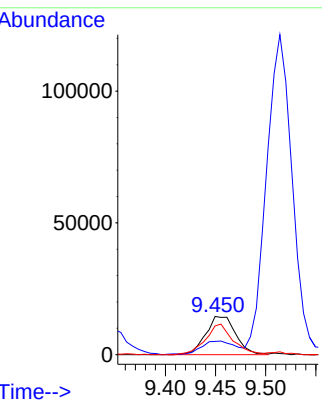
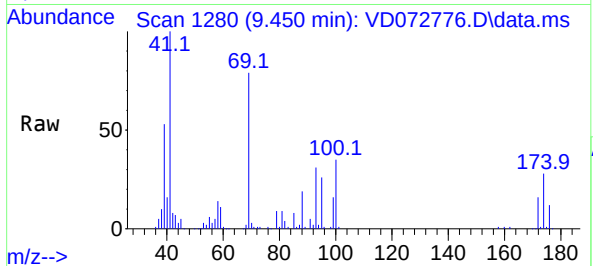
#49
1,4-Dioxane
Concen: 1101.100 ug/l
RT: 9.450 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 30199
Ion Ratio Lower Upper
88 100
43 42.0 31.0 46.4
58 73.0 58.1 87.1

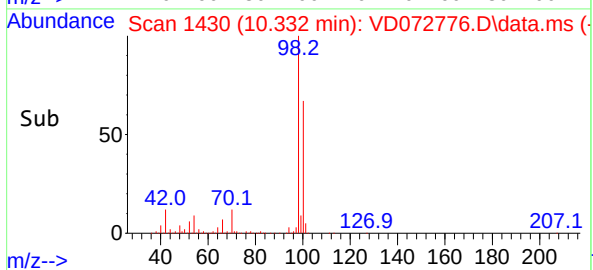
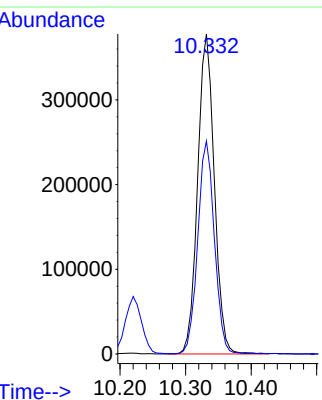
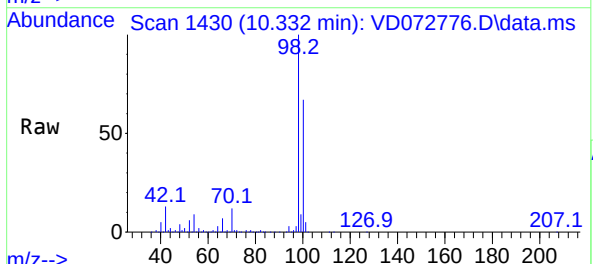
Manual Integrations
APPROVED

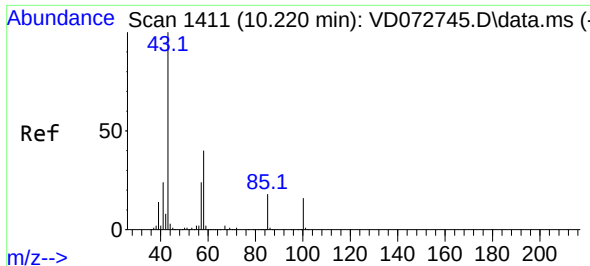
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#50
Toluene-d8
Concen: 51.954 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

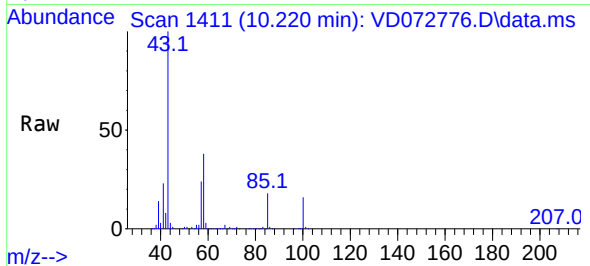
Tgt Ion: 98 Resp: 667249
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 295.165 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

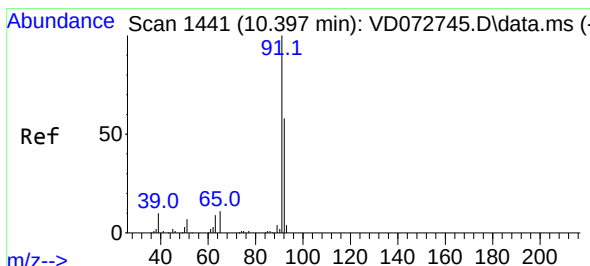
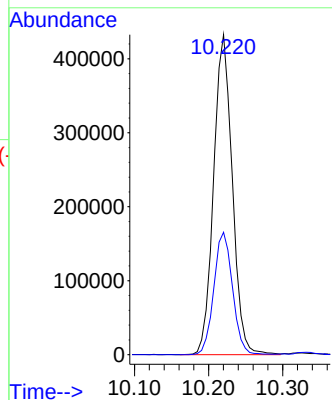
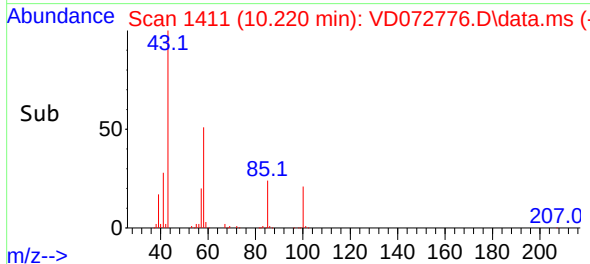
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



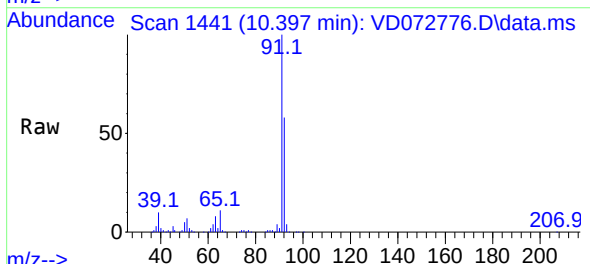
Tgt Ion: 43 Resp: 757638
Ion Ratio Lower Upper
43 100
58 38.3 28.6 43.0

Manual Integrations
APPROVED

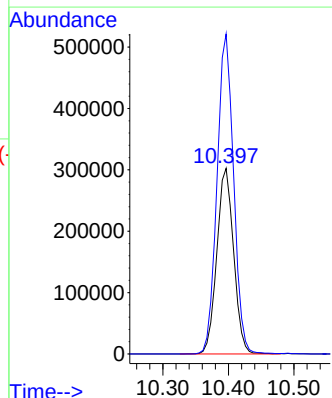
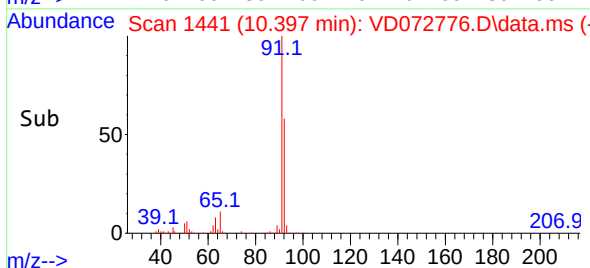
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

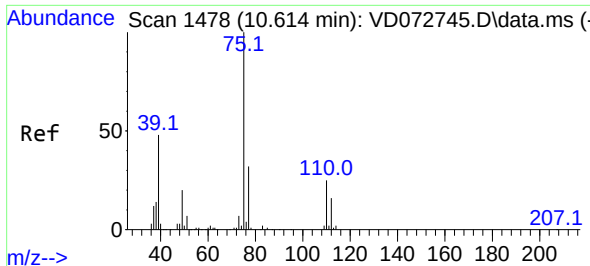


#52
Toluene
Concen: 51.183 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12



Tgt Ion: 92 Resp: 536778
Ion Ratio Lower Upper
92 100
91 170.2 139.6 209.4





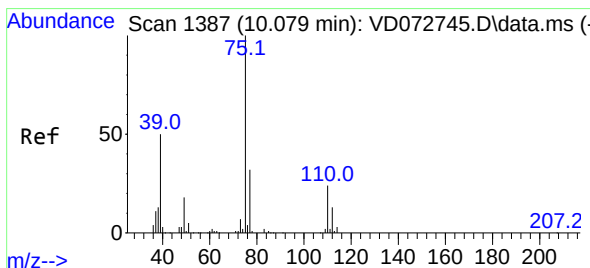
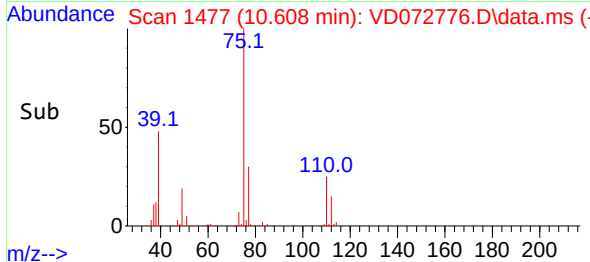
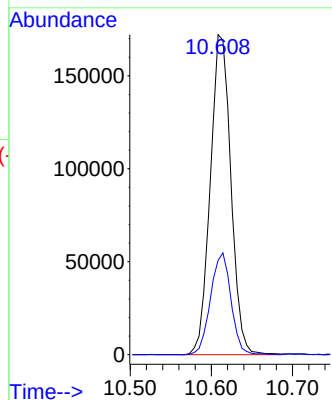
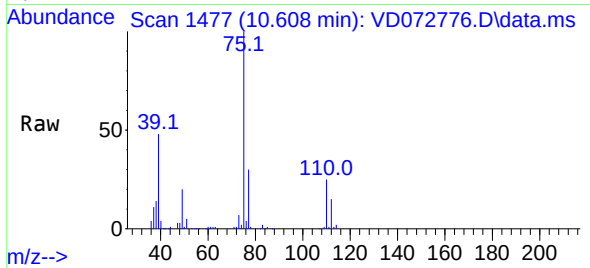
#53
t-1,3-Dichloropropene
Concen: 52.791 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 30381
Ion Ratio Lower Upper
75 100
77 29.5 24.5 36.7

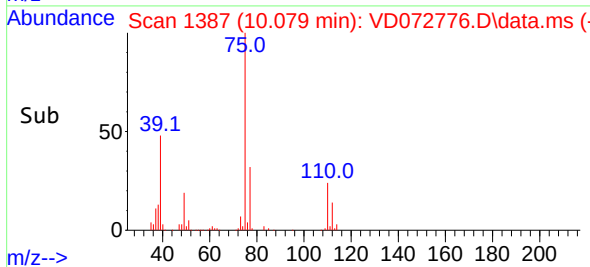
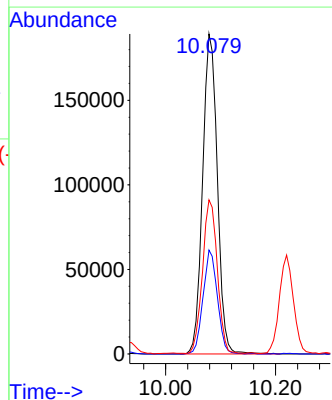
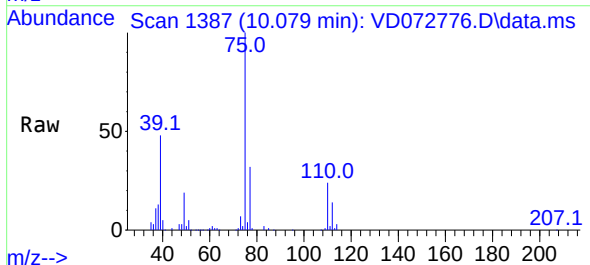
Manual Integrations
APPROVED

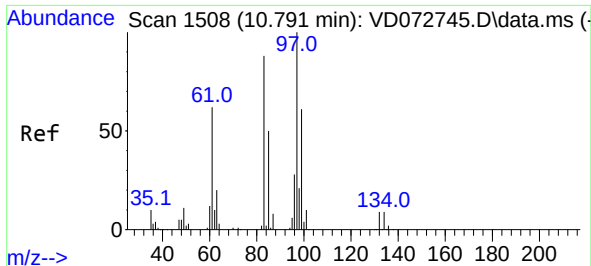
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#54
cis-1,3-Dichloropropene
Concen: 52.595 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

Tgt Ion: 75 Resp: 351657
Ion Ratio Lower Upper
75 100
77 32.4 24.8 37.2
39 47.9 46.8 70.2





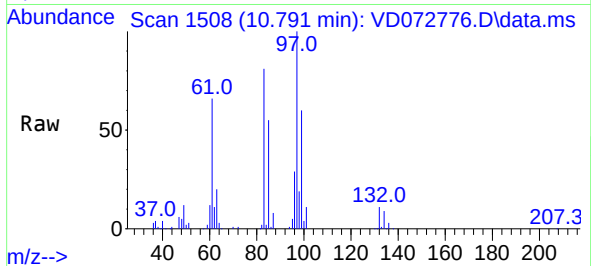
#55
1,1,2-Trichloroethane
Concen: 52.452 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



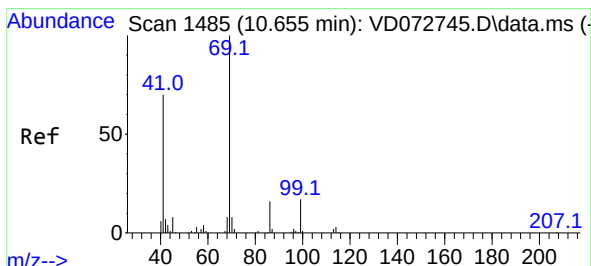
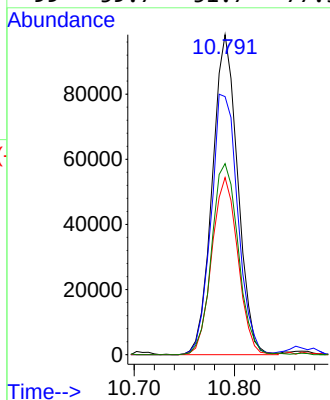
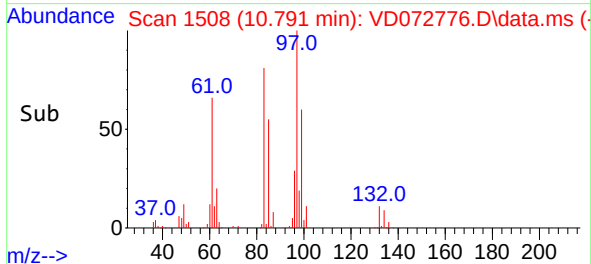
Tgt Ion: 97 Resp: 172698
Ion Ratio Lower Upper
97 100
83 80.7 69.0 103.4
85 55.4 42.6 63.8
99 59.7 51.7 77.5

Manual Integrations

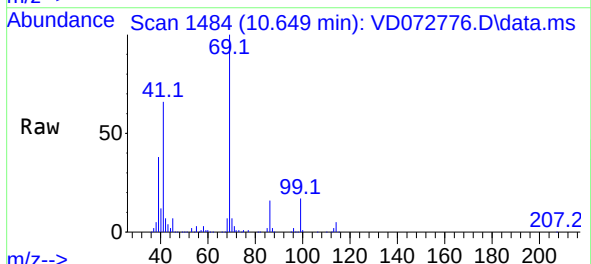
APPROVED

Reviewed By :John Carlone 05/04/2022

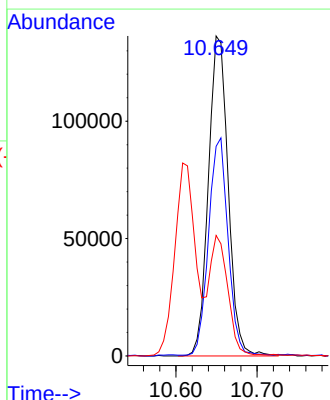
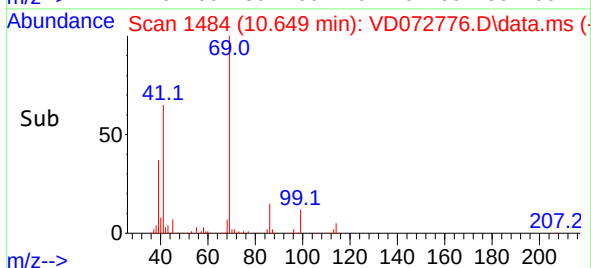
Supervised By :Mahesh Dadoda 05/04/2022

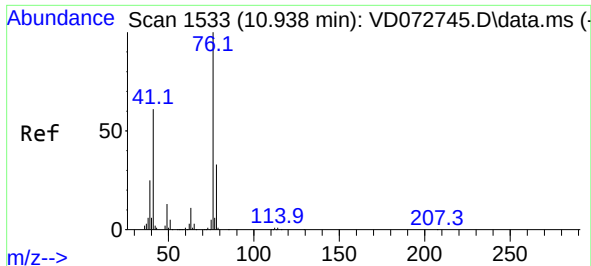


#56
Ethyl methacrylate
Concen: 59.530 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12



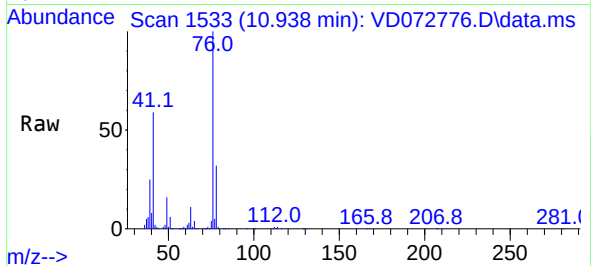
Tgt Ion: 69 Resp: 230775
Ion Ratio Lower Upper
69 100
41 66.6 63.0 94.6
39 35.7 33.8 50.8





#57
1,3-Dichloropropane
Concen: 53.020 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

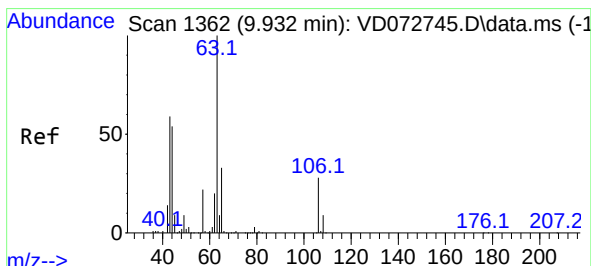
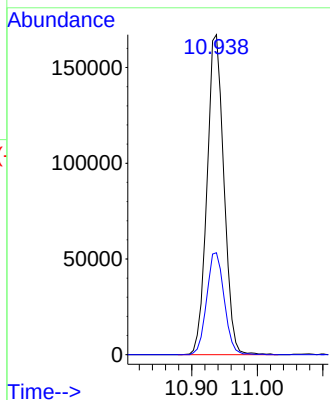
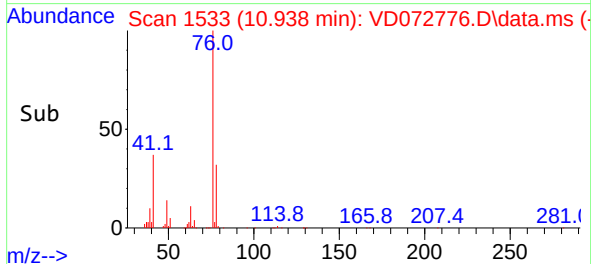
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



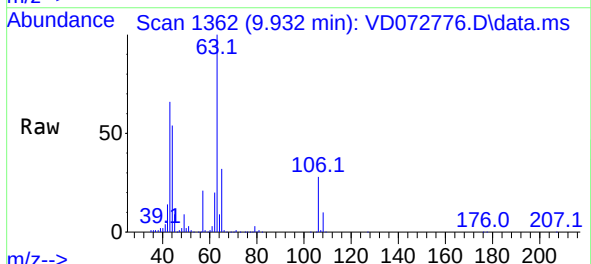
Tgt Ion: 76 Resp: 299569
Ion Ratio Lower Upper
76 100
78 33.1 26.0 39.0

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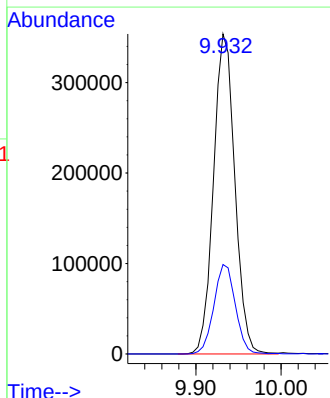
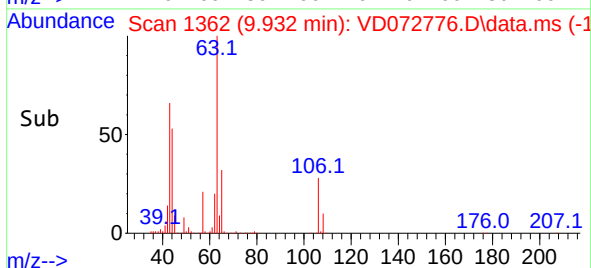
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

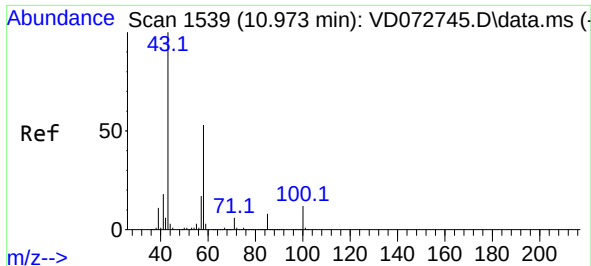


#58
2-Chloroethyl Vinyl ether
Concen: 327.344 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12



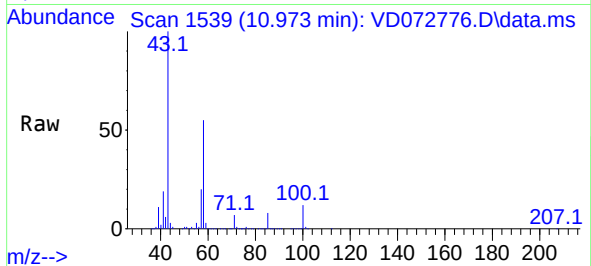
Tgt Ion: 63 Resp: 615253
Ion Ratio Lower Upper
63 100
106 28.2 21.4 32.0





#59
2-Hexanone
Concen: 301.642 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

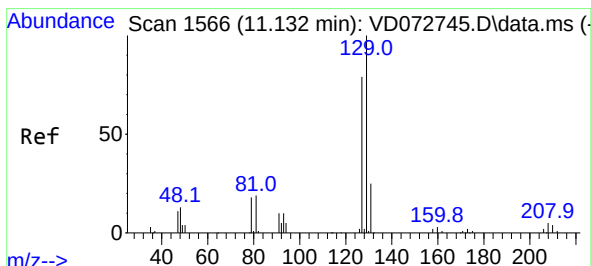
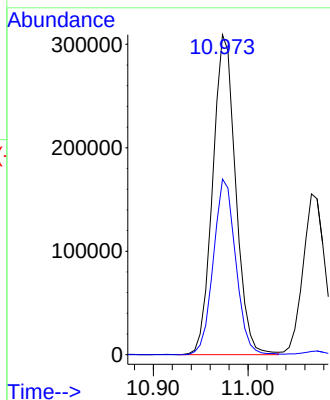
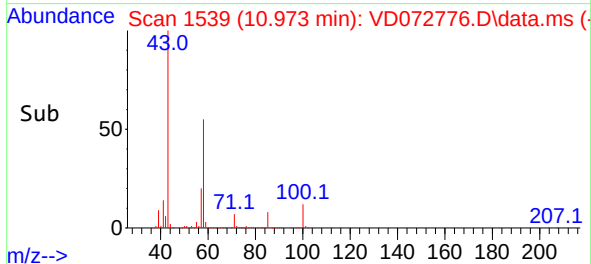
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



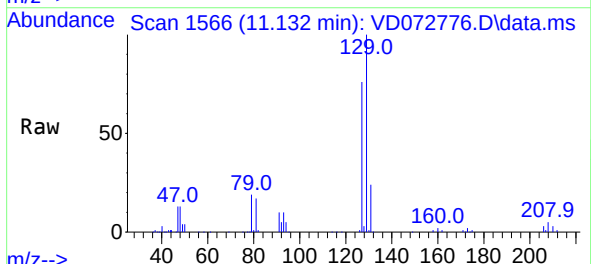
Tgt Ion: 43 Resp: 520988
Ion Ratio Lower Upper
43 100
58 53.5 25.3 75.9

Manual Integrations
APPROVED

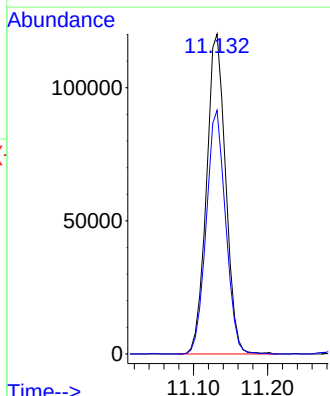
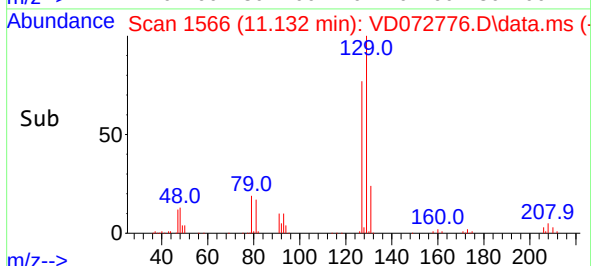
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

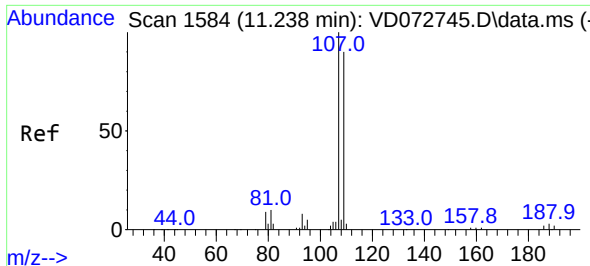


#60
Dibromochloromethane
Concen: 52.065 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12



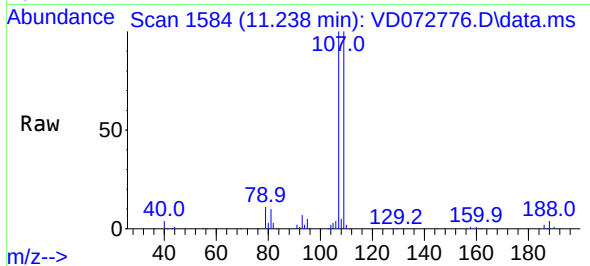
Tgt Ion:129 Resp: 215798
Ion Ratio Lower Upper
129 100
127 77.0 39.2 117.6





#61
1,2-Dibromoethane
Concen: 53.248 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

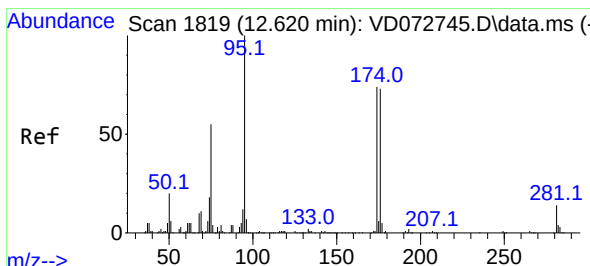
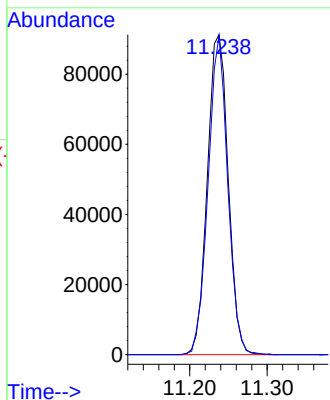
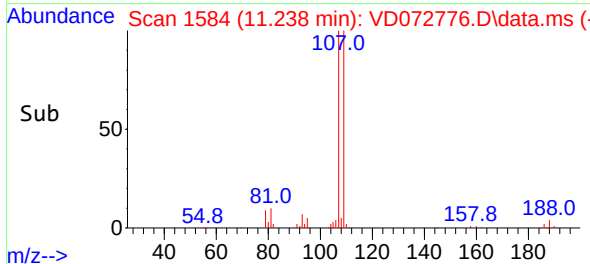
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



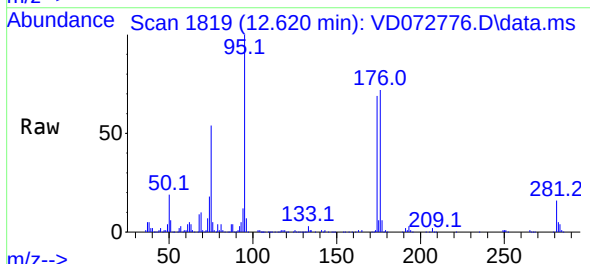
Tgt Ion:107 Resp: 17064
Ion Ratio Lower Upper
107 100
109 93.7 74.2 111.4

Manual Integrations
APPROVED

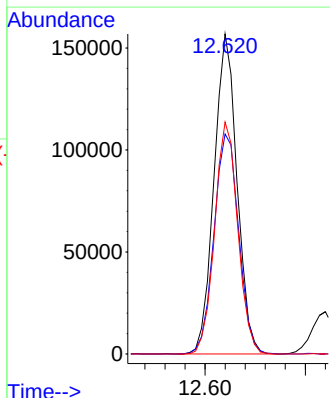
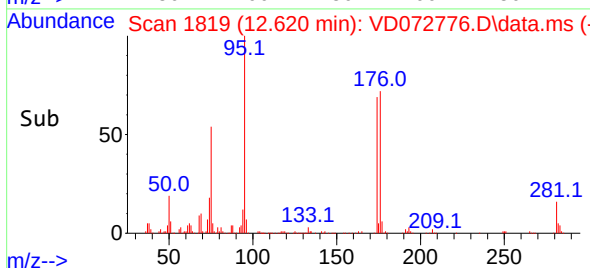
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

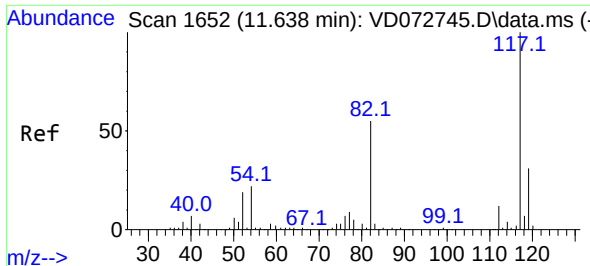


#62
4-Bromofluorobenzene
Concen: 52.032 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12



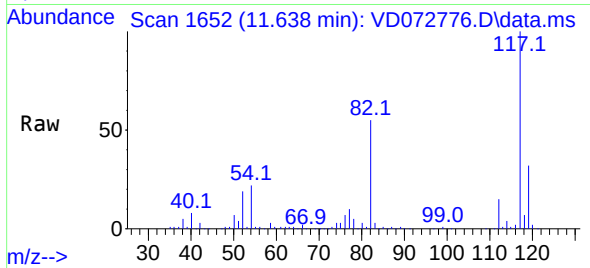
Tgt Ion: 95 Resp: 249175
Ion Ratio Lower Upper
95 100
174 74.0 0.0 152.8
176 72.7 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11652
Delta R.T. -0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

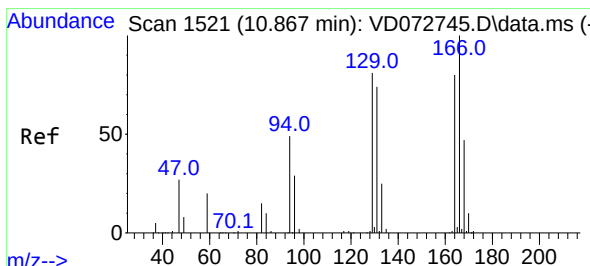
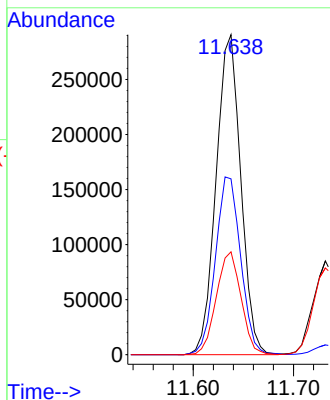
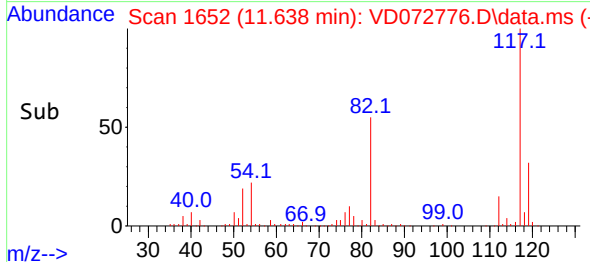
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



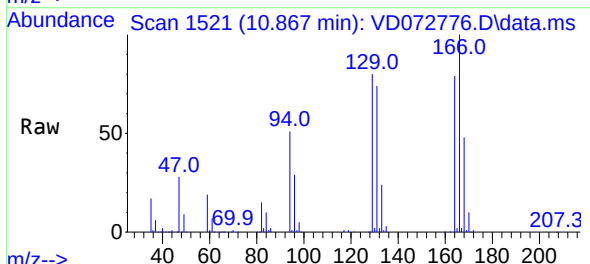
Tgt Ion:117 Resp: 497507
Ion Ratio Lower Upper
117 100
82 55.0 45.3 67.9
119 32.1 26.6 40.0

Manual Integrations
APPROVED

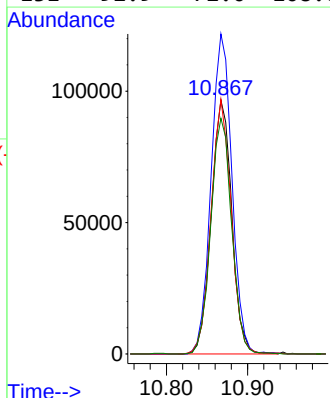
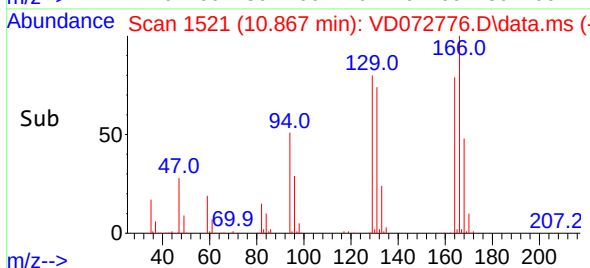
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

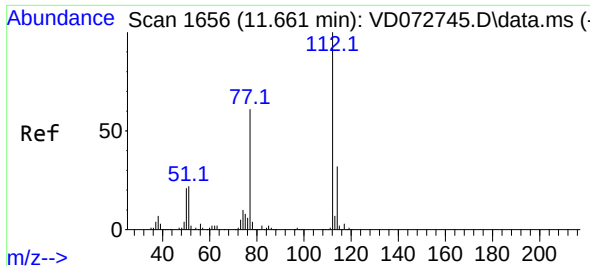


#64
Tetrachloroethene
Concen: 46.829 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12



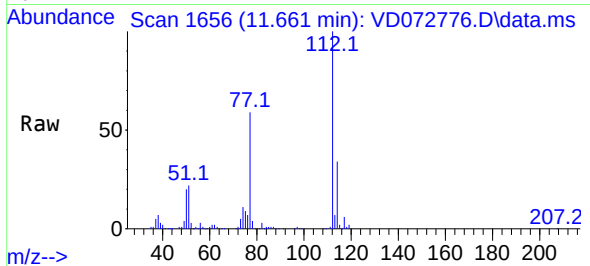
Tgt Ion:164 Resp: 170333
Ion Ratio Lower Upper
164 100
166 126.1 98.5 147.7
129 100.3 74.6 111.8
131 92.9 72.0 108.0





#65
Chlorobenzene
Concen: 49.129 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

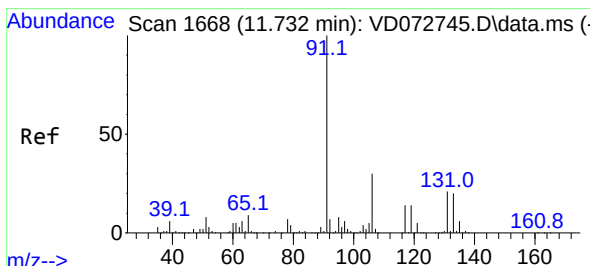
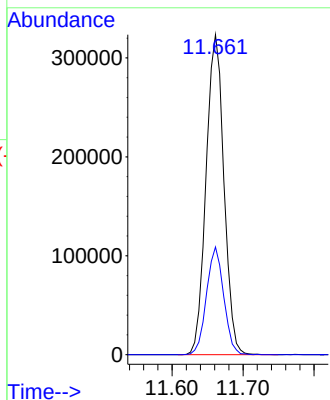
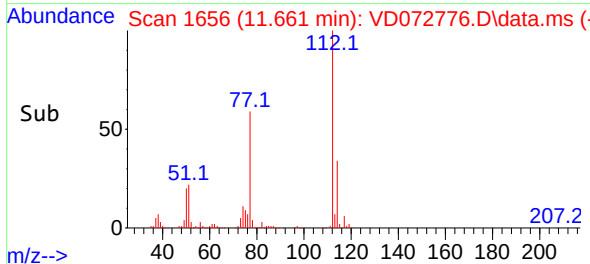
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



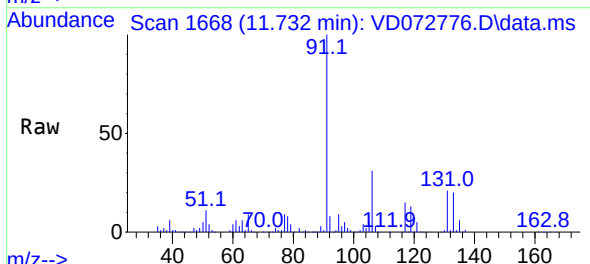
Tgt Ion:112 Resp: 565329
Ion Ratio Lower Upper
112 100
114 33.6 25.8 38.6

Manual Integrations
APPROVED

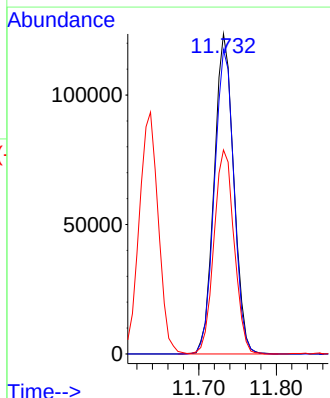
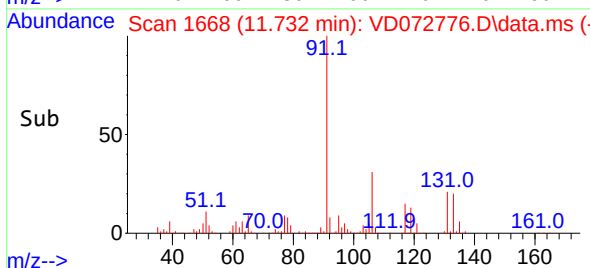
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

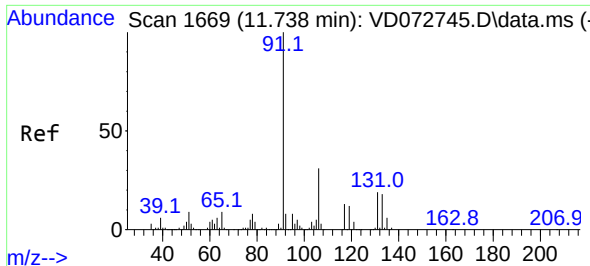


#66
1,1,1,2-Tetrachloroethane
Concen: 50.069 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12



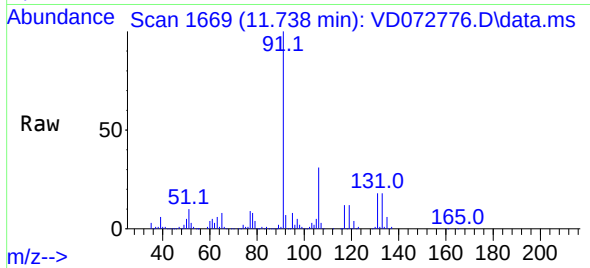
Tgt Ion:131 Resp: 216526
Ion Ratio Lower Upper
131 100
133 95.2 48.1 144.3
119 65.8 31.9 95.9





#67
Ethyl Benzene
Concen: 50.511 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

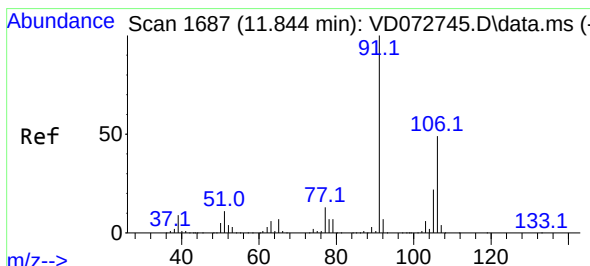
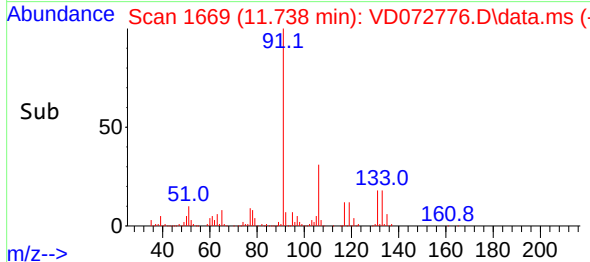
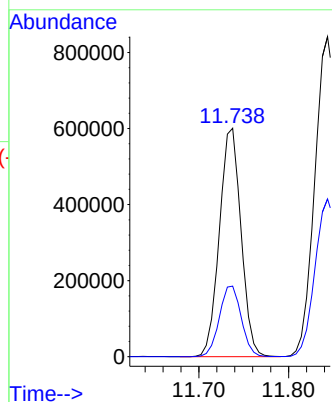
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1005889
Ion Ratio Lower Upper
91 100
106 30.9 24.2 36.4

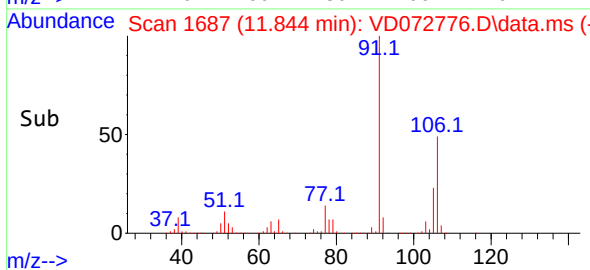
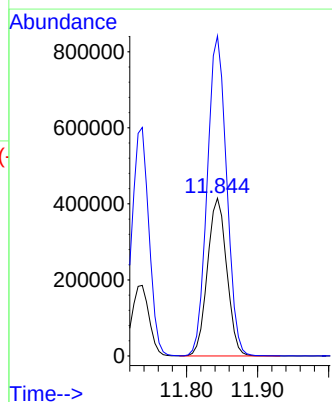
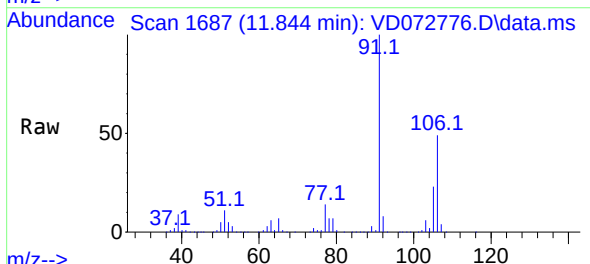
Manual Integrations
APPROVED

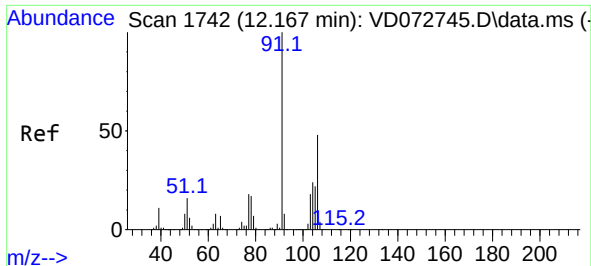
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#68
m/p-Xylenes
Concen: 101.983 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

Tgt Ion:106 Resp: 782316
Ion Ratio Lower Upper
106 100
91 203.8 163.7 245.5





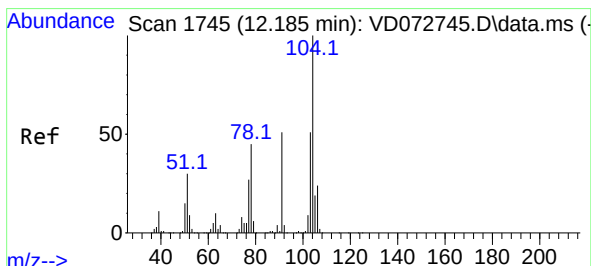
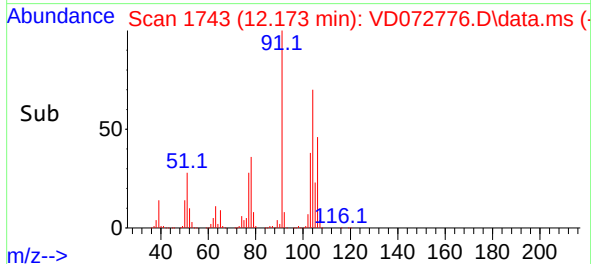
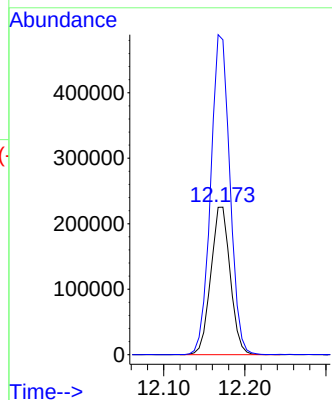
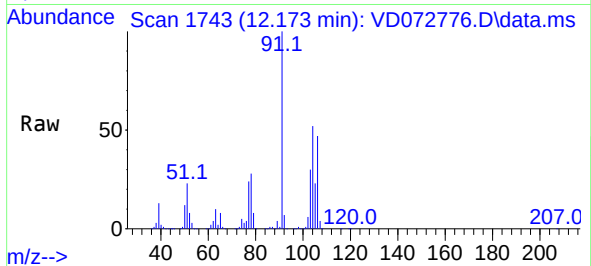
#69
o-Xylene
Concen: 52.102 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 373272
Ion Ratio Lower Upper
106 100
91 215.4 110.4 331.2

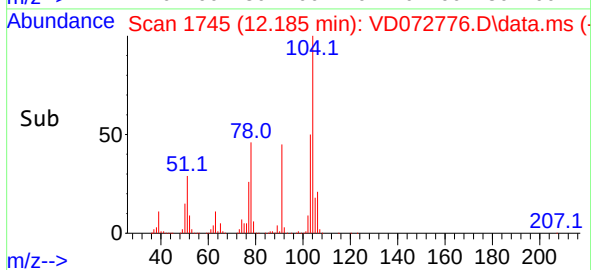
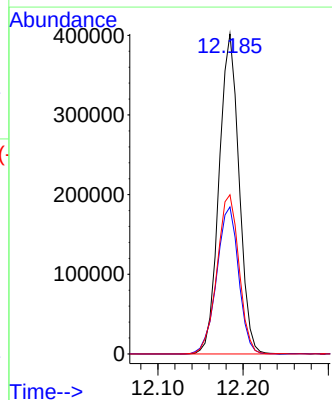
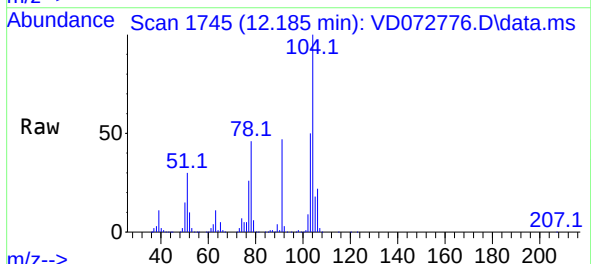
Manual Integrations
APPROVED

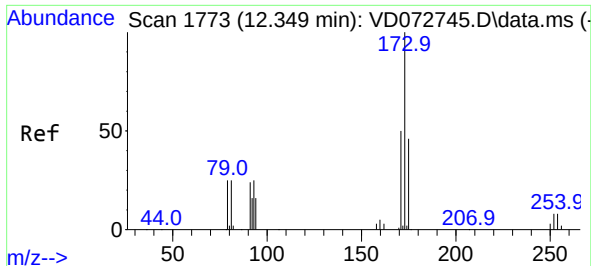
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#70
Styrene
Concen: 52.773 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

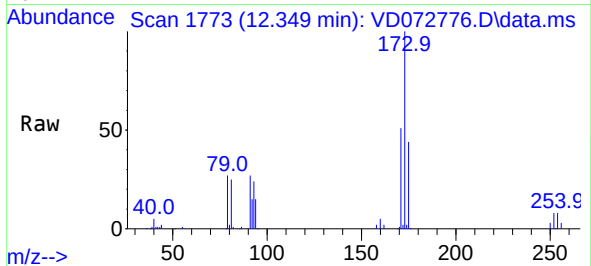
Tgt Ion:104 Resp: 655062
Ion Ratio Lower Upper
104 100
78 50.5 41.8 62.8
103 54.7 44.2 66.4





#71
Bromoform
Concen: 54.204 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

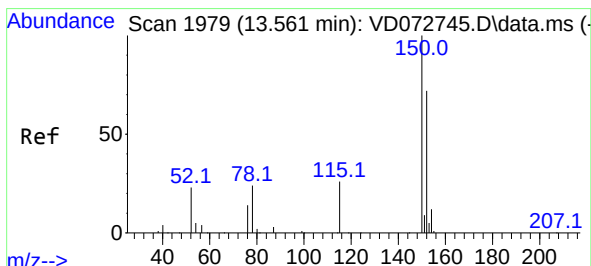
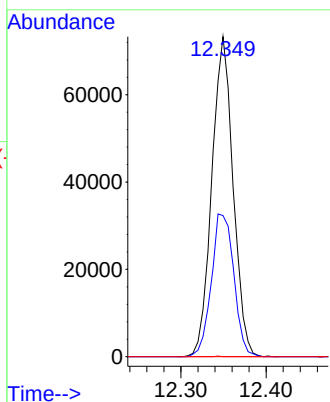
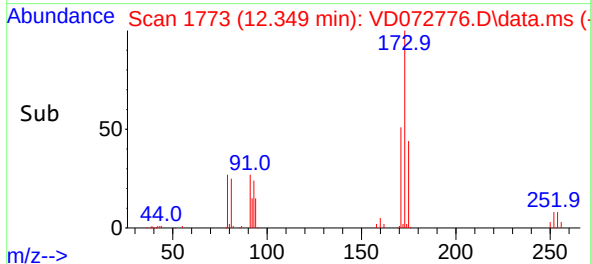
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



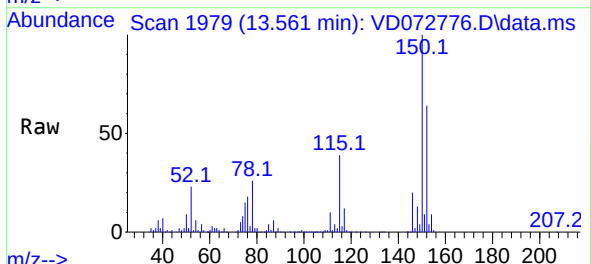
Tgt Ion:173 Resp: 127039
Ion Ratio Lower Upper
173 100
175 47.1 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

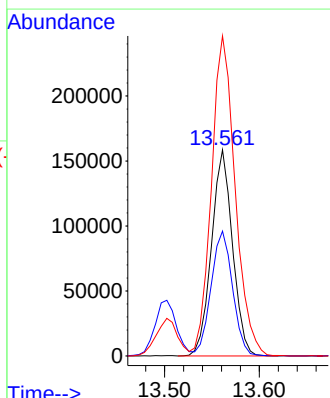
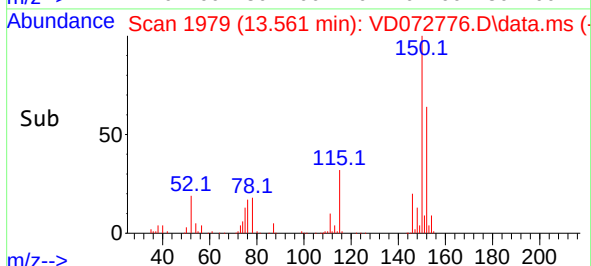
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

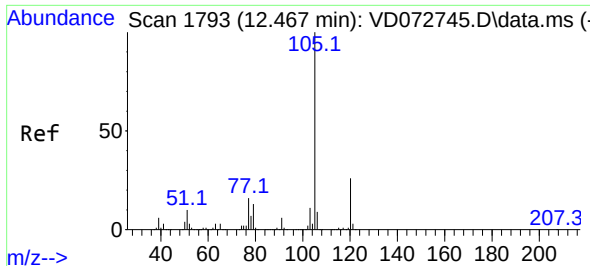


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12



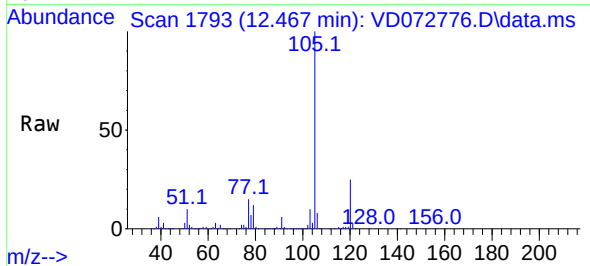
Tgt Ion:152 Resp: 244470
Ion Ratio Lower Upper
152 100
115 61.9 31.3 93.8
150 175.5 0.0 348.6





#73
Isopropylbenzene
Concen: 50.577 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

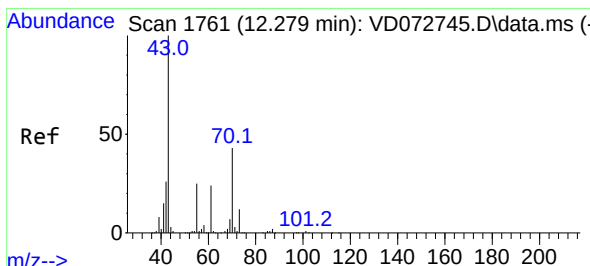
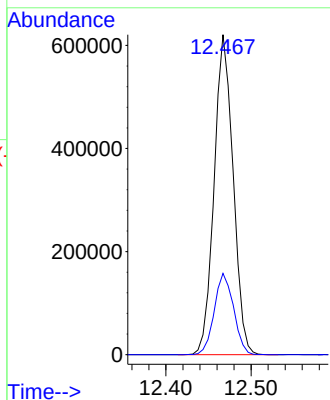
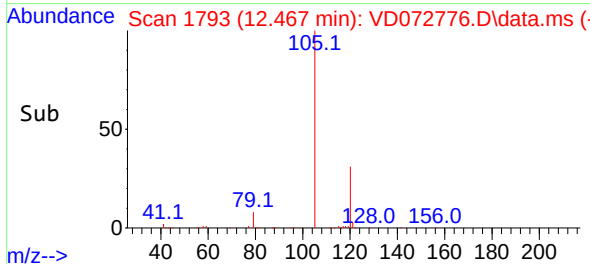
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



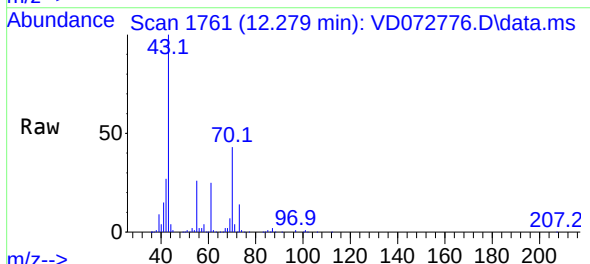
Tgt Ion:105 Resp: 96199
Ion Ratio Lower Upper
105 100
120 25.9 13.0 38.9

Manual Integrations
APPROVED

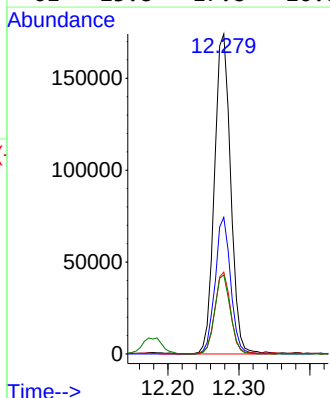
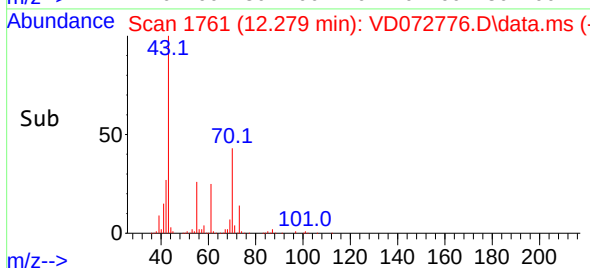
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

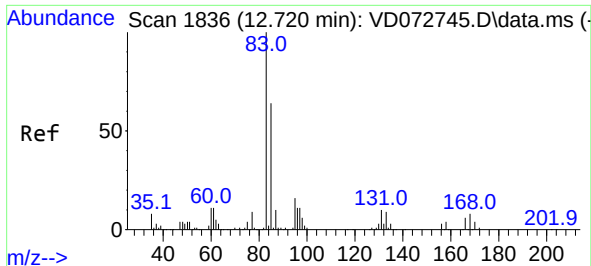


#74
N-ethyl acetate
Concen: 58.218 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12



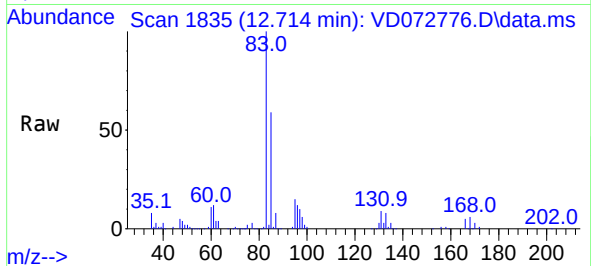
Tgt Ion: 43 Resp: 275759
Ion Ratio Lower Upper
43 100
70 41.0 31.3 46.9
55 24.7 20.0 30.0
61 23.8 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 54.628 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

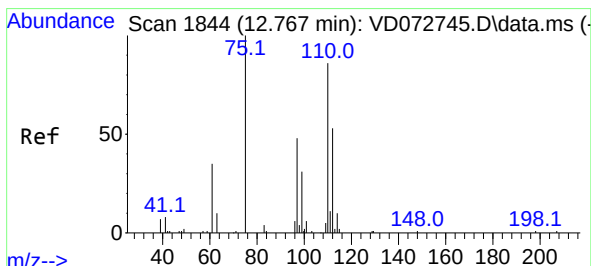
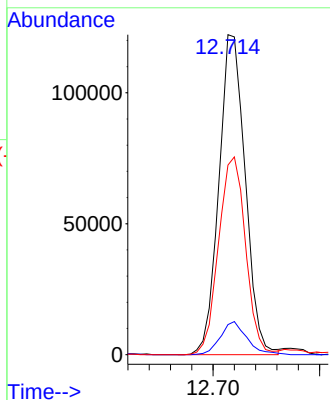
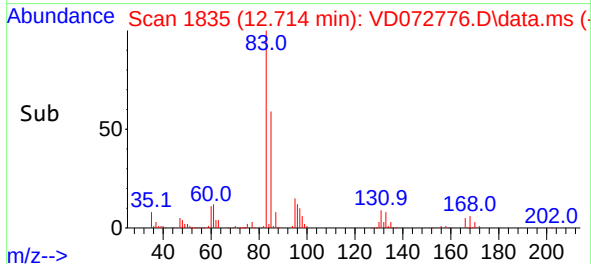
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



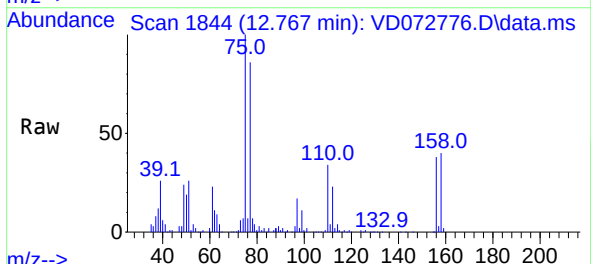
Tgt Ion: 83 Resp: 20974
Ion Ratio Lower Upper
83 100
131 10.4 5.0 14.9
85 63.2 32.6 98.0

Manual Integrations
APPROVED

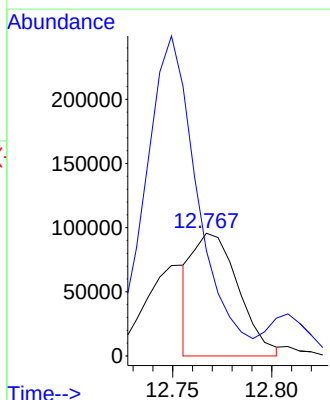
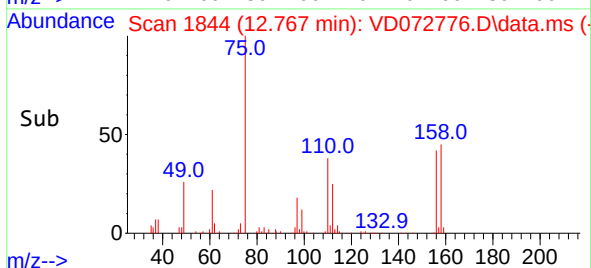
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

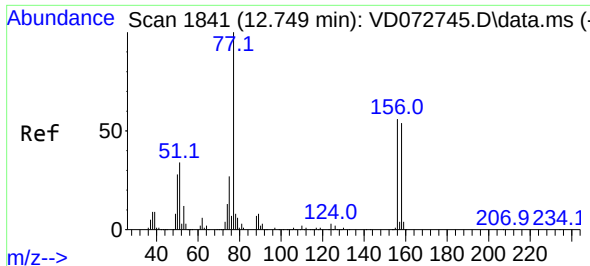


#76
1,2,3-Trichloropropane
Concen: 56.112 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12



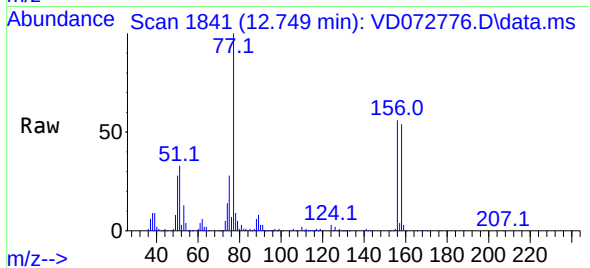
Tgt Ion: 75 Resp: 152962
Ion Ratio Lower Upper
75 100
77 300.0 0.0 0.0#





#77
Bromobenzene
Concen: 50.560 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

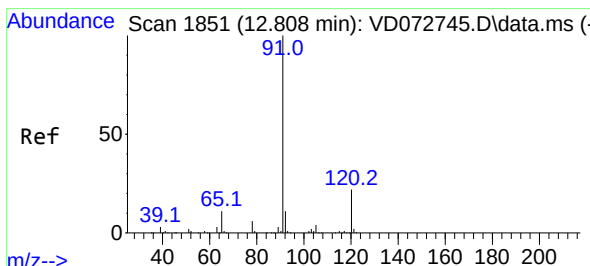
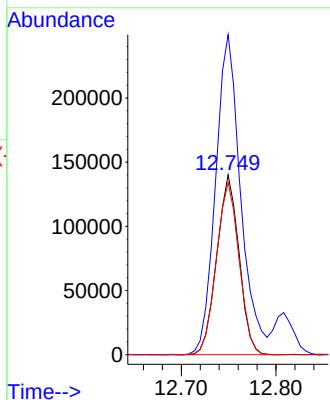
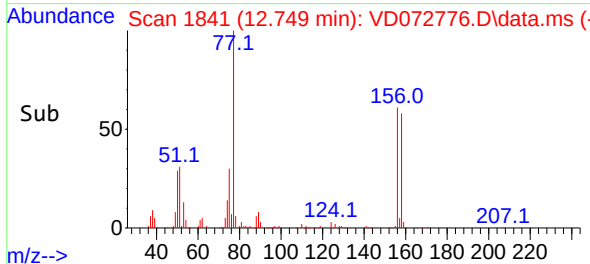
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



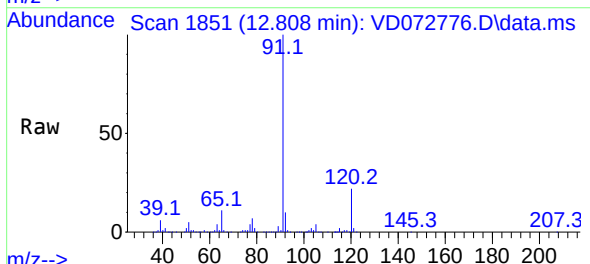
Tgt Ion: 156 Resp: 22836
Ion Ratio Lower Upper
156 100
77 201.0 102.8 308.3
158 97.6 48.7 146.1

Manual Integrations
APPROVED

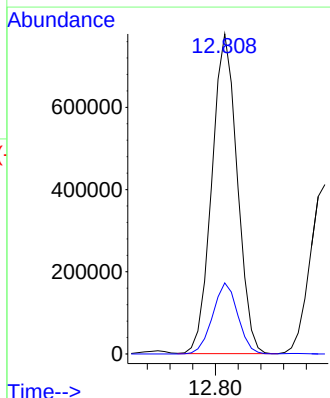
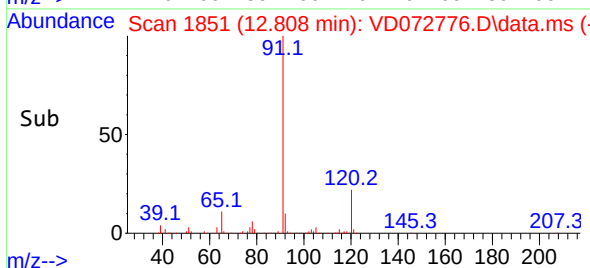
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

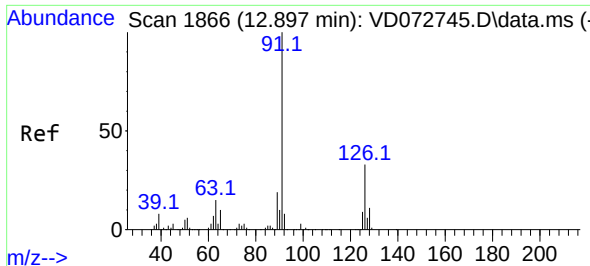


#78
n-propylbenzene
Concen: 50.292 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12



Tgt Ion: 91 Resp: 1205619
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.9





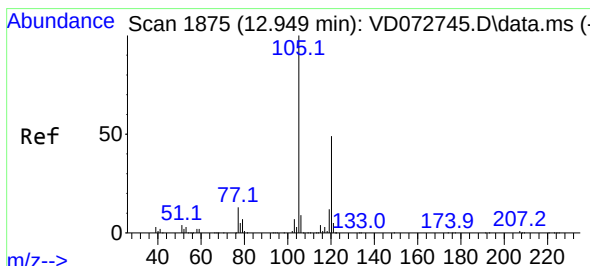
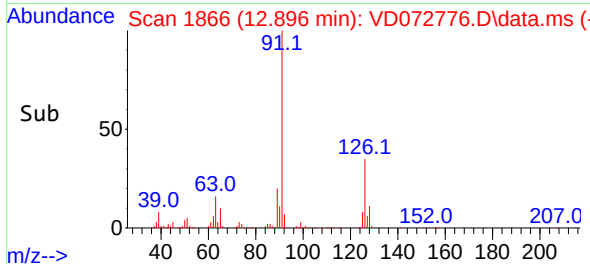
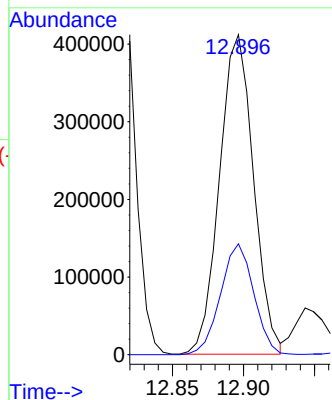
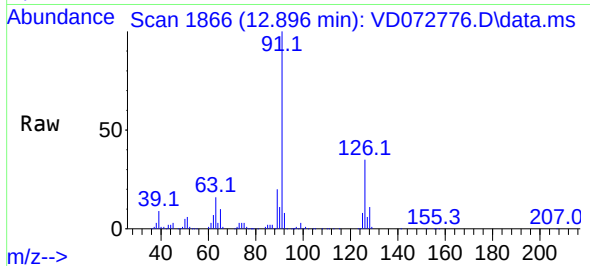
#79
2-Chlorotoluene
Concen: 49.025 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.001 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 686518
Ion Ratio Lower Upper
91 100
126 33.9 16.2 48.6

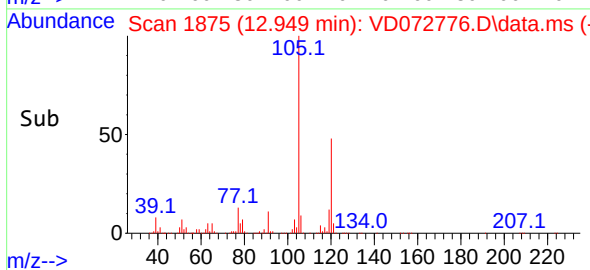
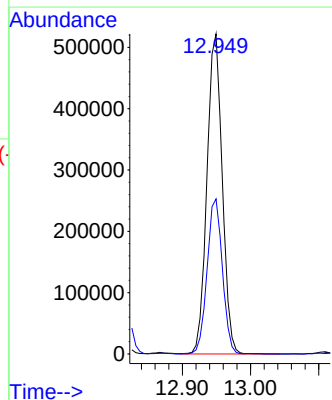
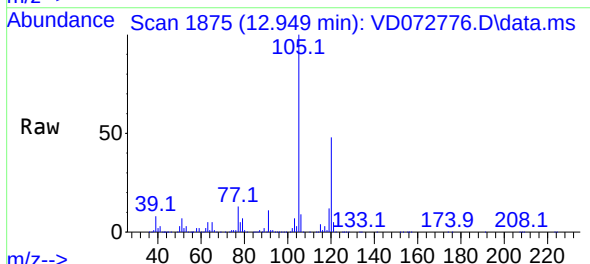
Manual Integrations
APPROVED

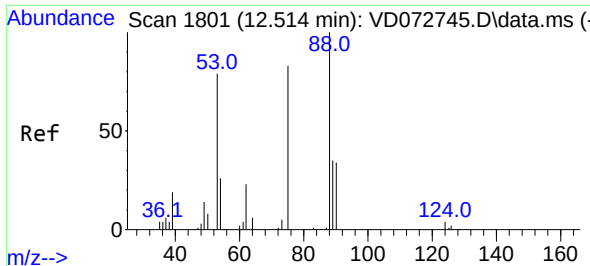
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.523 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

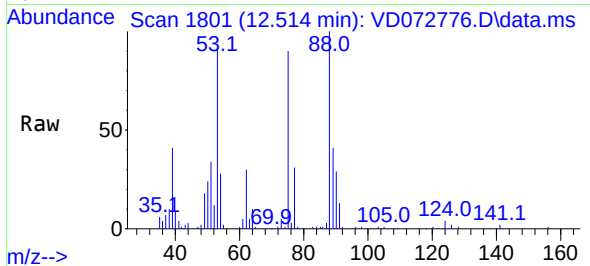
Tgt Ion:105 Resp: 814840
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 55.550 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

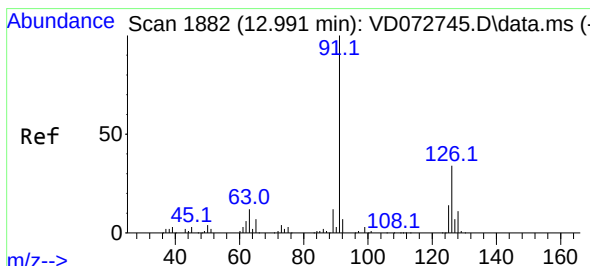
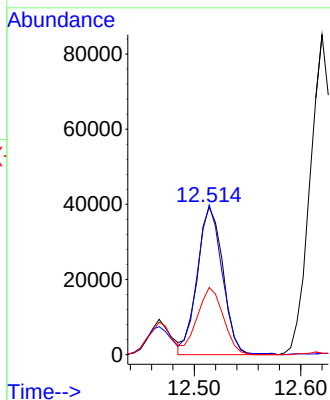
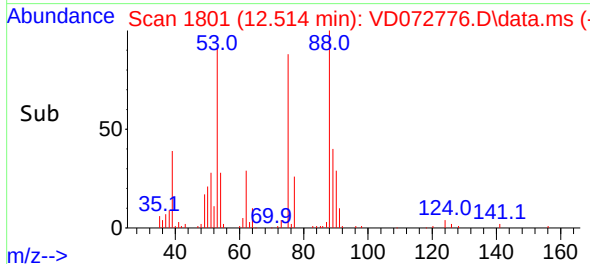
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



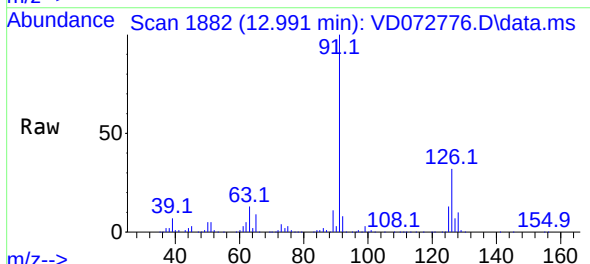
Tgt Ion: 75 Resp: 65850
Ion Ratio Lower Upper
75 100
53 98.3 86.5 129.7
89 45.3 33.9 50.9

Manual Integrations
APPROVED

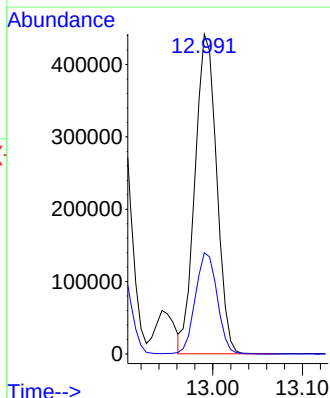
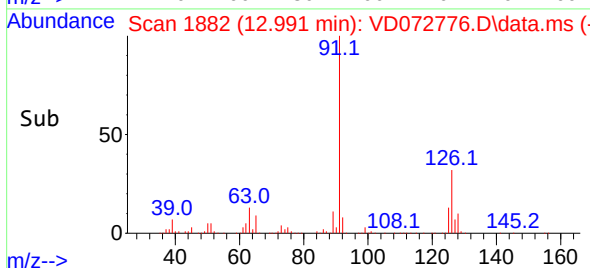
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

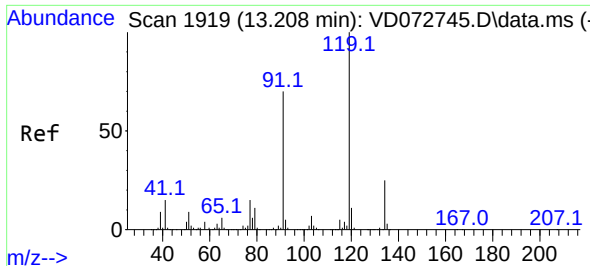


#82
4-Chlorotoluene
Concen: 50.487 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12



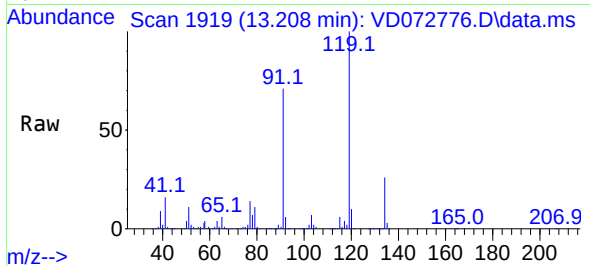
Tgt Ion: 91 Resp: 738697
Ion Ratio Lower Upper
91 100
126 32.0 16.5 49.5





#83
tert-Butylbenzene
Concen: 50.517 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

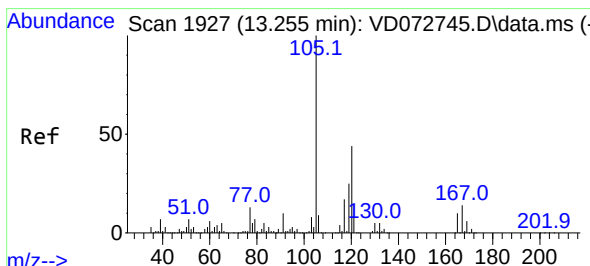
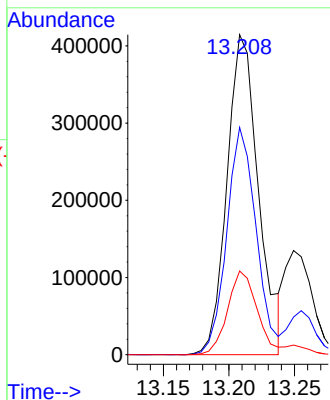
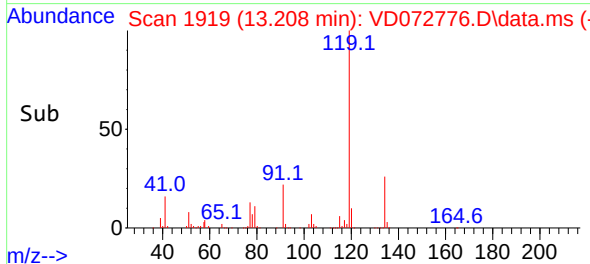
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



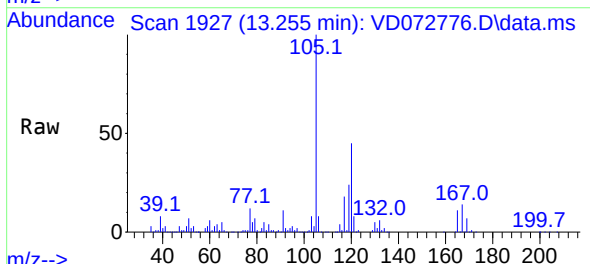
Tgt Ion:119 Resp: 692670
Ion Ratio Lower Upper
119 100
91 66.3 34.8 104.5
134 24.9 13.3 39.9

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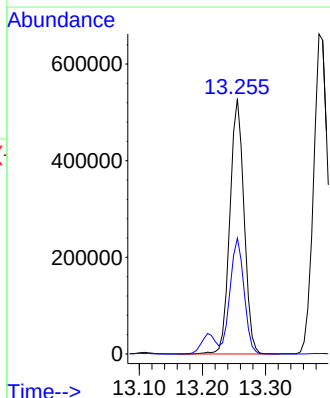
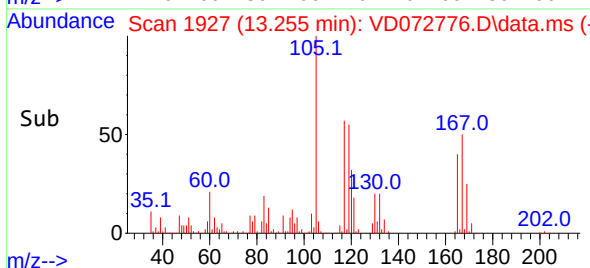
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

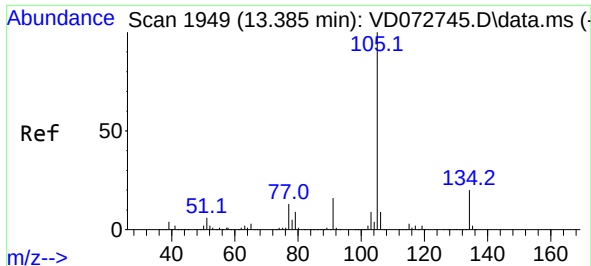


#84
1,2,4-Trimethylbenzene
Concen: 50.949 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12



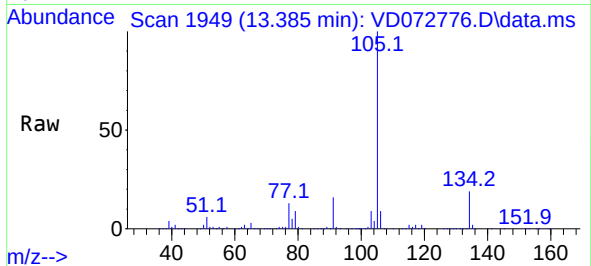
Tgt Ion:105 Resp: 821355
Ion Ratio Lower Upper
105 100
120 44.8 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 50.823 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VD072776.D
 Acq: 03 May 2022 19:12

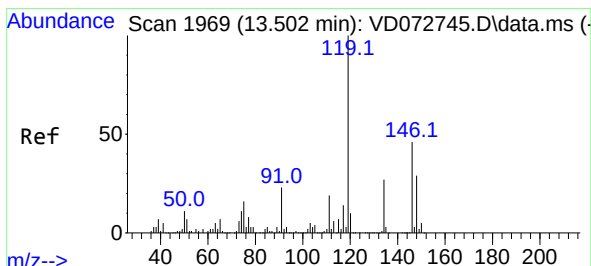
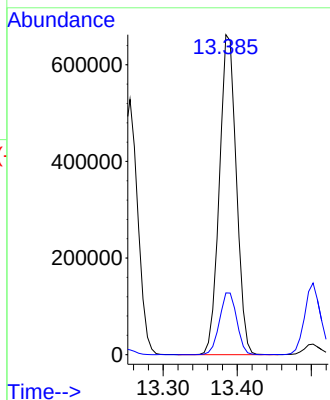
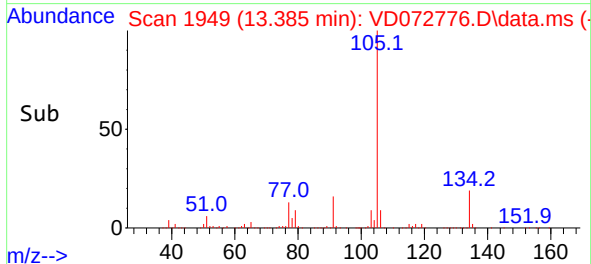
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



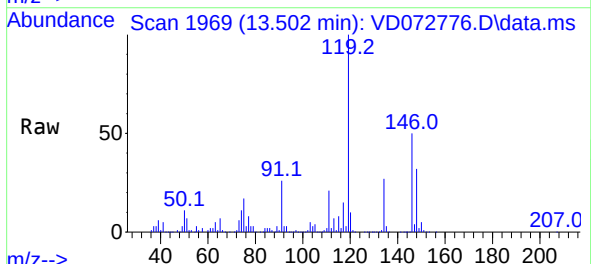
Tgt Ion:105 Resp: 105104
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

Manual Integrations
 APPROVED

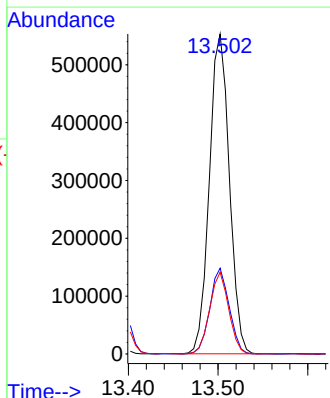
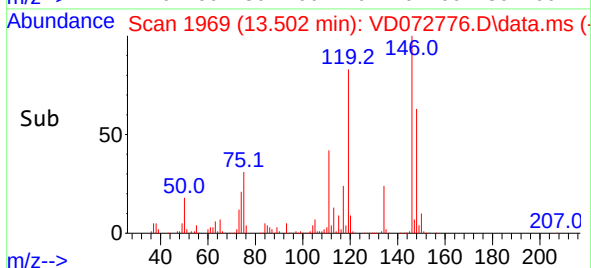
Reviewed By :John Carlone 05/04/2022
 Supervised By :Mahesh Dadoda 05/04/2022

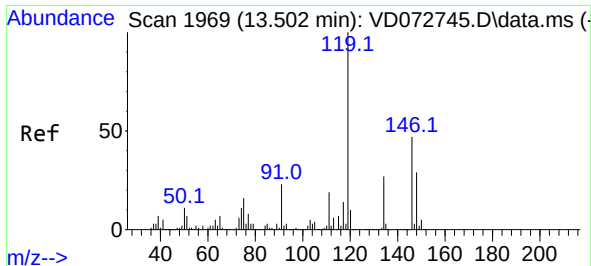


#86
 p-Isopropyltoluene
 Concen: 50.432 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD072776.D
 Acq: 03 May 2022 19:12



Tgt Ion:119 Resp: 855102
 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: 49.879 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD072776.D

Acq: 03 May 2022 19:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 45383

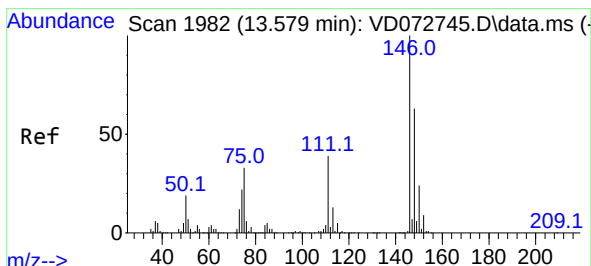
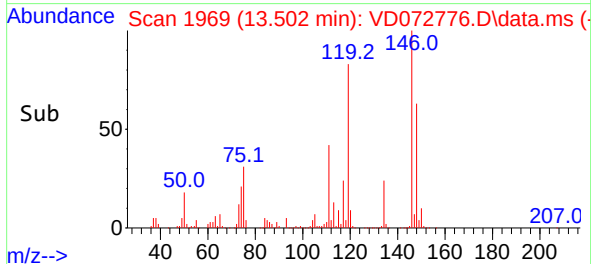
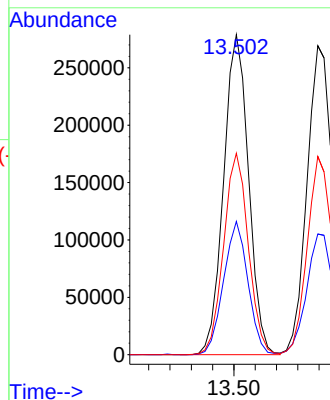
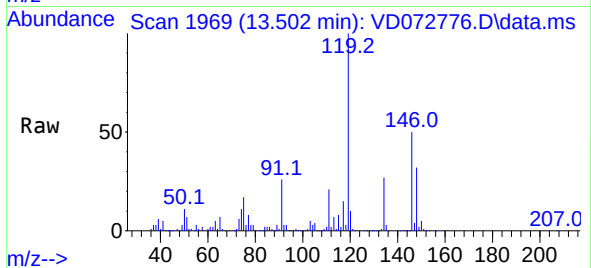
Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.4	61.3
148	62.3	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/04/2022

Supervised By :Mahesh Dadoda 05/04/2022



#88

1,4-Dichlorobenzene

Concen: 49.555 ug/l

RT: 13.579 min Scan# 1982

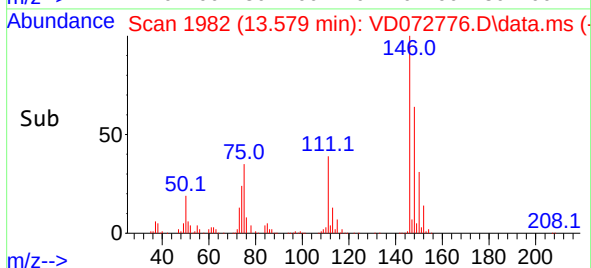
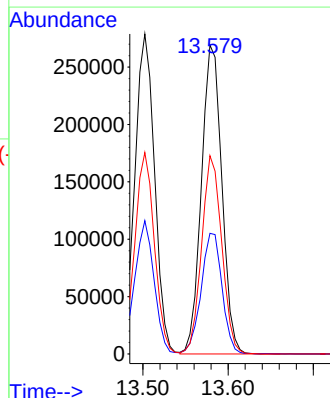
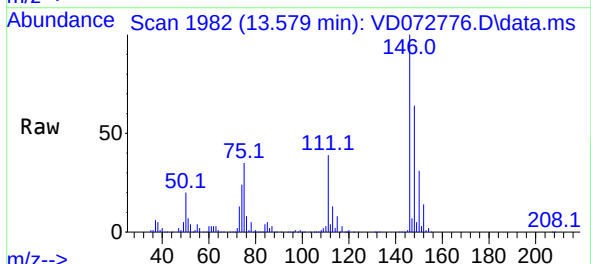
Delta R.T. -0.000 min

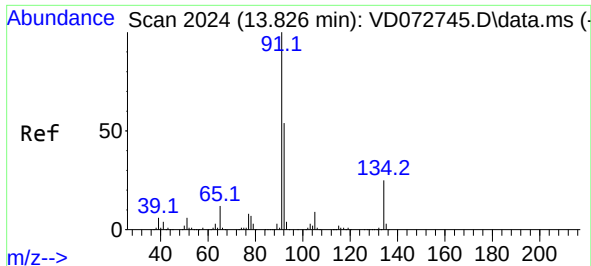
Lab File: VD072776.D

Acq: 03 May 2022 19:12

Tgt Ion:146 Resp: 449014

Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.3	60.9
148	63.2	31.7	95.1





#89
n-Butylbenzene
Concen: 50.708 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

Instrument :

MSVOA_D

ClientSampleId :

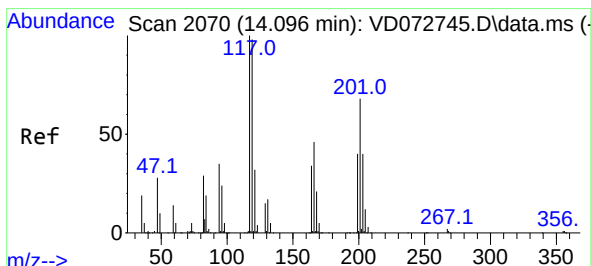
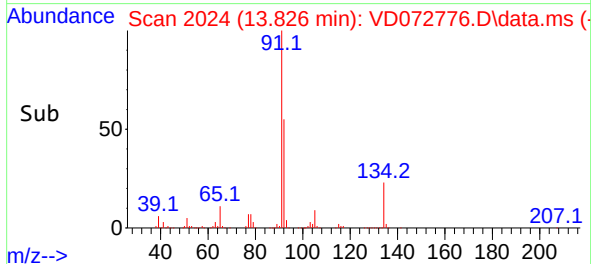
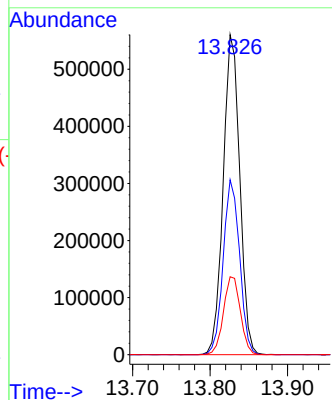
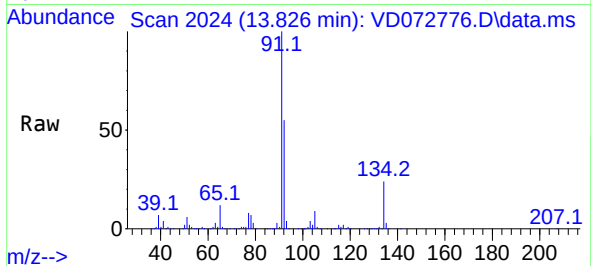
VSTDCCC050EC

Tgt Ion: 91 Resp: 83289
Ion Ratio Lower Upper
91 100
92 54.2 26.6 79.8
134 24.9 12.3 36.9

Manual Integrations

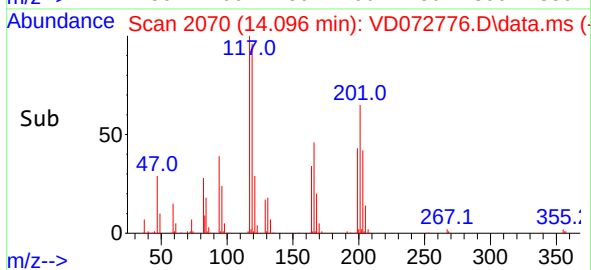
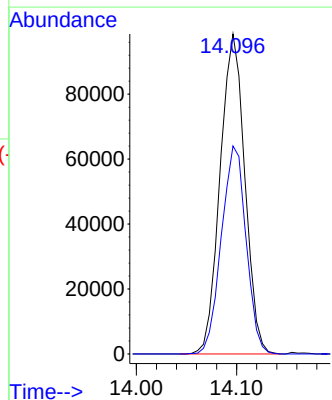
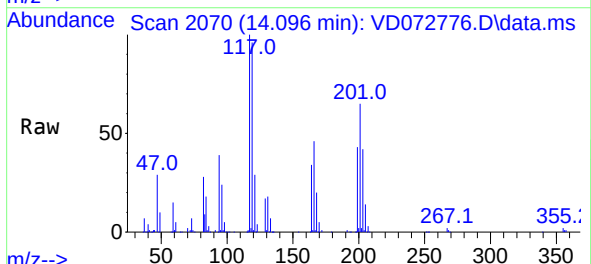
APPROVED

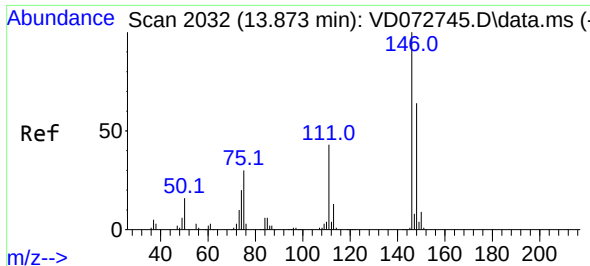
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#90
Hexachloroethane
Concen: 48.509 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

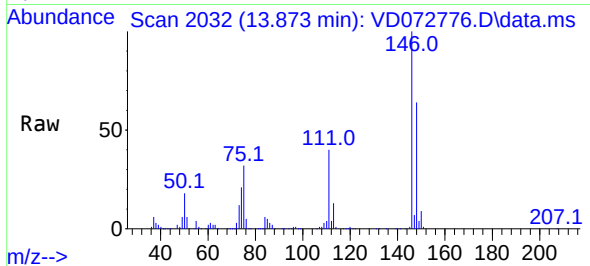
Tgt Ion:117 Resp: 168497
Ion Ratio Lower Upper
117 100
201 64.9 33.4 100.2





#91
1,2-Dichlorobenzene
Concen: 50.348 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

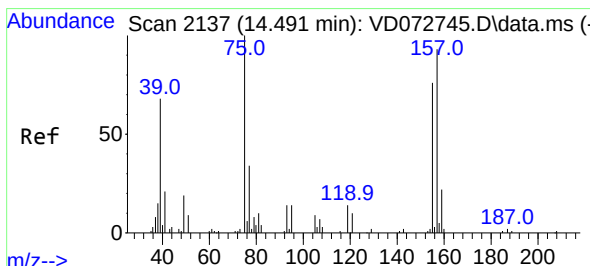
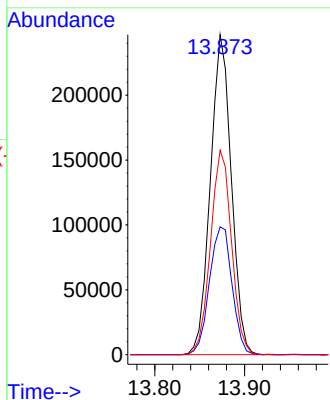
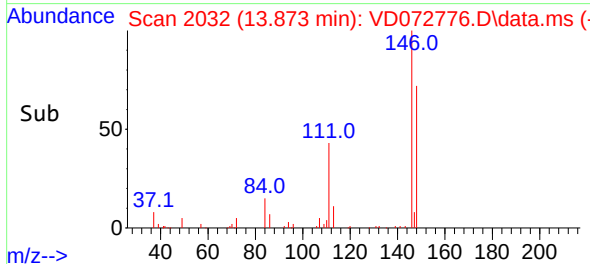
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



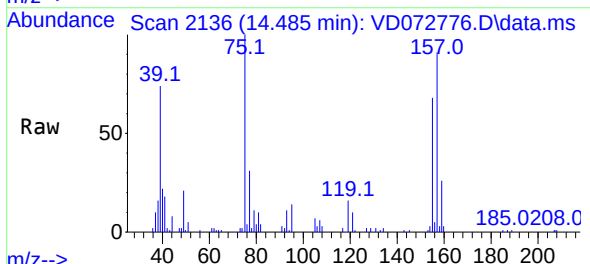
Tgt Ion:146 Resp: 399245
Ion Ratio Lower Upper
146 100
111 43.1 21.1 63.3
148 64.3 31.7 95.1

Manual Integrations
APPROVED

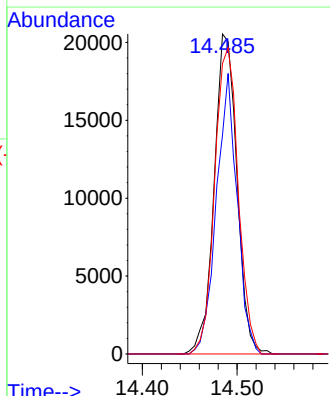
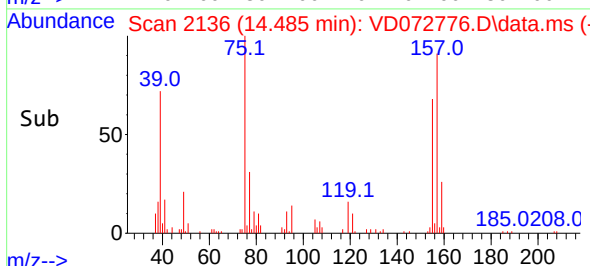
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

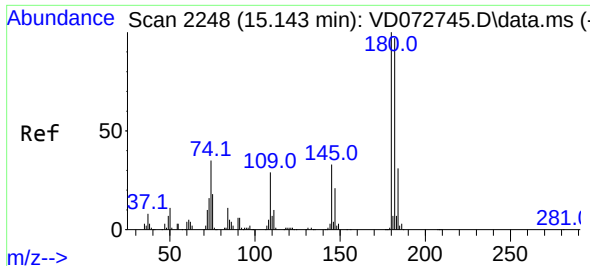


#92
1,2-Dibromo-3-Chloropropane
Concen: 56.482 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12



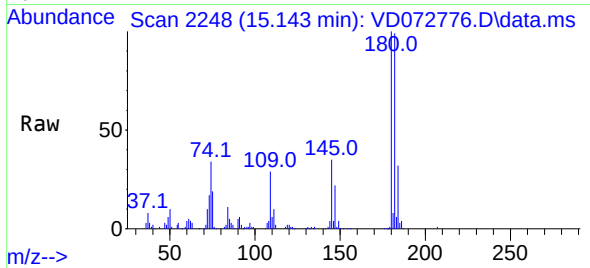
Tgt Ion: 75 Resp: 34377
Ion Ratio Lower Upper
75 100
155 79.9 36.8 110.3
157 98.9 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 51.854 ug/l
RT: 15.143 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

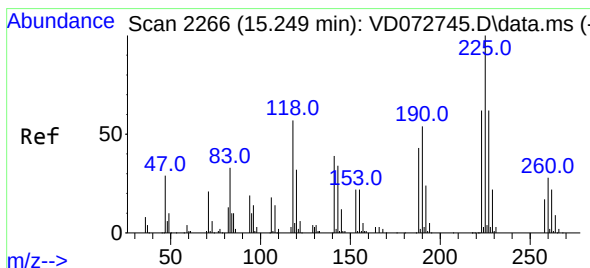
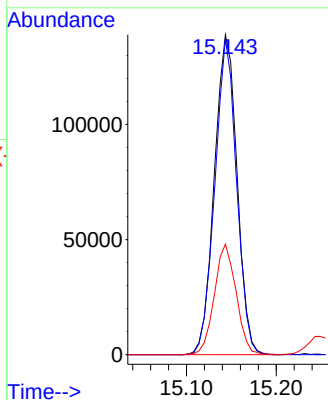
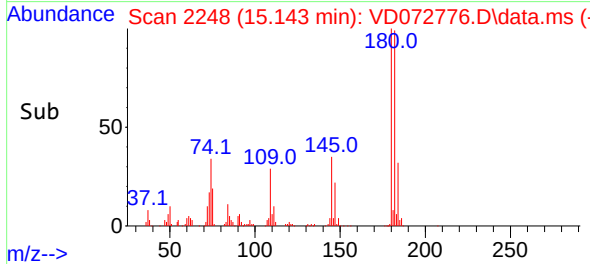
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



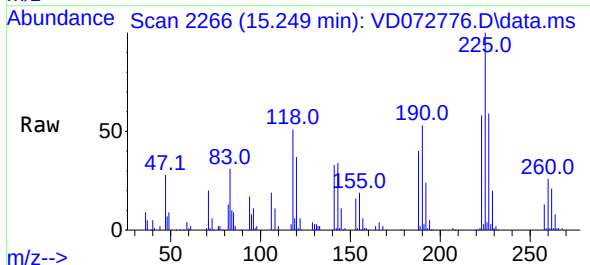
Tgt Ion:180 Resp: 243517
Ion Ratio Lower Upper
180 100
182 94.6 47.3 142.0
145 33.2 16.2 48.5

Manual Integrations
APPROVED

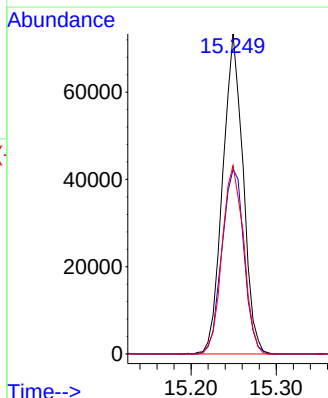
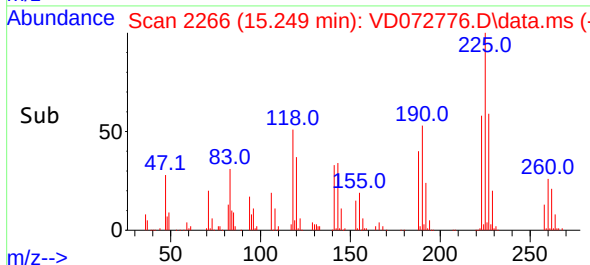
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

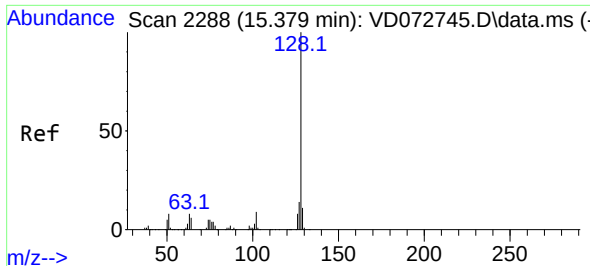


#94
Hexachlorobutadiene
Concen: 47.491 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12



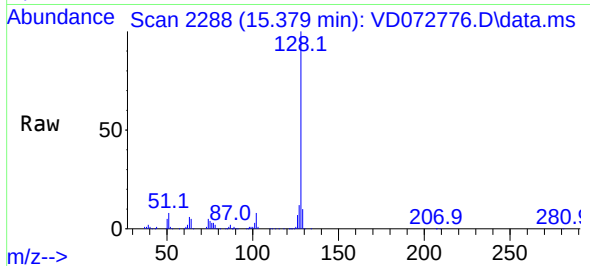
Tgt Ion:225 Resp: 121803
Ion Ratio Lower Upper
225 100
223 62.4 31.1 93.2
227 62.1 32.4 97.0





#95
Naphthalene
Concen: 58.880 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12

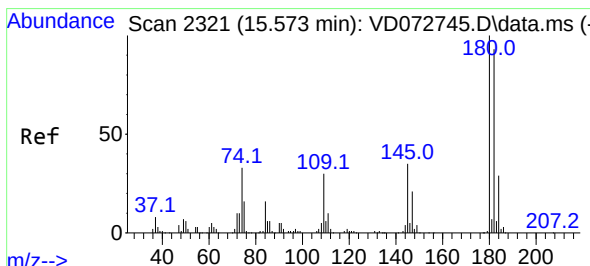
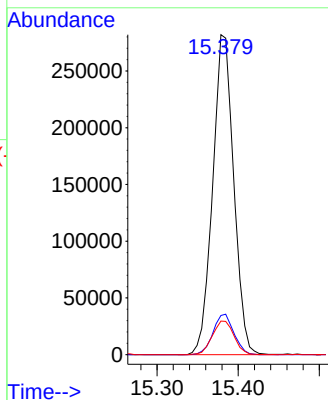
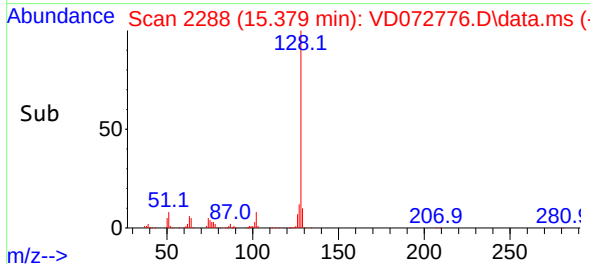
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



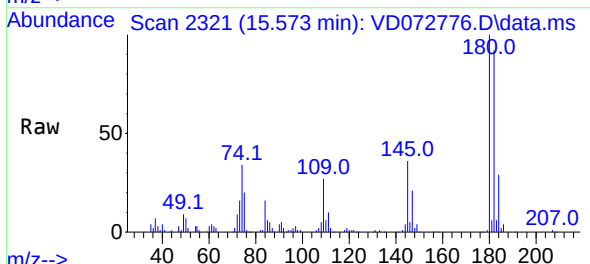
Tgt Ion:128 Resp: 508389
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.9 8.4 12.6

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 52.896 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD072776.D
Acq: 03 May 2022 19:12



Tgt Ion:180 Resp: 220206
Ion Ratio Lower Upper
180 100
182 93.9 47.6 142.9
145 33.6 17.1 51.3

