

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
 Data File : VD072182.D
 Acq On : 15 Mar 2022 12:04
 Operator : VA/SY
 Sample : VD0315SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/16/2022
 Supervised By : Mahesh Dadoda 03/17/2022

Quant Time: Mar 15 17:43:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	341905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	547809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	515380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	275741	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	218166	57.256	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.520%			
35) Dibromofluoromethane	7.909	113	208441	54.071	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.140%			
50) Toluene-d8	10.332	98	763718	54.181	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.360%			
62) 4-Bromofluorobenzene	12.626	95	290324	53.008	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	59995	18.971	ug/l	94
3) Chloromethane	2.209	50	48360	17.209	ug/l	99
4) Vinyl Chloride	2.350	62	47940	17.673	ug/l	94
5) Bromomethane	2.756	94	33514	18.974	ug/l	96
6) Chloroethane	2.915	64	33720	18.802	ug/l	94
7) Trichlorofluoromethane	3.268	101	112599	18.381	ug/l	100
8) Diethyl Ether	3.715	74	31497	18.617	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	76395	19.559	ug/l	98
10) Methyl Iodide	4.303	142	47268	15.133	ug/l	98
11) Tert butyl alcohol	5.226	59	22080	99.942	ug/l	97
12) 1,1-Dichloroethene	4.068	96	55414	17.635	ug/l	92
13) Acrolein	3.926	56	19926	101.076	ug/l	97
14) Allyl chloride	4.709	41	98455	17.920	ug/l	94
15) Acrylonitrile	5.415	53	86377	101.184	ug/l	99
16) Acetone	4.150	43	80096	96.816	ug/l	94
17) Carbon Disulfide	4.409	76	92513	13.745	ug/l #	92
18) Methyl Acetate	4.715	43	46913	23.140	ug/l	98
19) Methyl tert-butyl Ether	5.485	73	167618	19.625	ug/l	99
20) Methylene Chloride	4.962	84	88046	17.300	ug/l	92
21) trans-1,2-Dichloroethene	5.468	96	62794	18.067	ug/l	86
22) Diisopropyl ether	6.362	45	253792	20.252	ug/l #	94
23) Vinyl Acetate	6.303	43	599555	93.746	ug/l #	92
24) 1,1-Dichloroethane	6.262	63	147585	19.969	ug/l	98
25) 2-Butanone	7.209	43	112677	102.150	ug/l	100
26) 2,2-Dichloropropane	7.209	77	127751	19.158	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	84027	18.937	ug/l	94
28) Bromochloromethane	7.544	49	59996	20.165	ug/l	85
29) Tetrahydrofuran	7.561	42	64629	99.642	ug/l	93
30) Chloroform	7.709	83	162487	20.637	ug/l	100
31) Cyclohexane	7.985	56	99979	16.795	ug/l #	86
32) 1,1,1-Trichloroethane	7.897	97	134733	19.267	ug/l	98
36) 1,1-Dichloropropene	8.109	75	95006	17.568	ug/l	97
37) Ethyl Acetate	7.297	43	47829	20.190	ug/l #	96
38) Carbon Tetrachloride	8.097	117	115352	18.764	ug/l	99
39) Methylcyclohexane	9.350	83	97393	16.004	ug/l	99
40) Benzene	8.350	78	288370	18.691	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	31237	22.623	ug/l	93
42) 1,2-Dichloroethane	8.420	62	96851	20.694	ug/l	98
43) Isopropyl Acetate	8.450	43	94756	20.608	ug/l	98
44) Trichloroethene	9.108	130	80670	18.625	ug/l	95
45) 1,2-Dichloropropane	9.385	63	84412	19.949	ug/l	100
46) Dibromomethane	9.467	93	42790	20.558	ug/l	96
47) Bromodichloromethane	9.661	83	125865	20.743	ug/l	97
48) Methyl methacrylate	9.450	41	46590	21.221	ug/l	95
49) 1,4-Dioxane	9.456	88	10427	417.757	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	251217	104.025	ug/l	96
52) Toluene	10.397	92	192698	18.981	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	107819	19.449	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	125597	19.598	ug/l	95
55) 1,1,2-Trichloroethane	10.797	97	67004	21.132	ug/l	97
56) Ethyl methacrylate	10.655	69	72117	19.419	ug/l	92
57) 1,3-Dichloropropane	10.938	76	112297	21.103	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	169033	101.228	ug/l	95
59) 2-Hexanone	10.979	43	175531	105.237	ug/l	100
60) Dibromochloromethane	11.132	129	86917	21.126	ug/l	100
61) 1,2-Dibromoethane	11.238	107	57723	20.147	ug/l	98
64) Tetrachloroethene	10.873	164	67640	18.627	ug/l	97
65) Chlorobenzene	11.661	112	226790	19.849	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	93840	20.769	ug/l	98
67) Ethyl Benzene	11.738	91	380339	18.638	ug/l	97
68) m/p-Xylenes	11.844	106	293061	37.820	ug/l	99
69) o-Xylene	12.173	106	137298	18.524	ug/l	99
70) Styrene	12.191	104	256892	19.848	ug/l	97
71) Bromoform	12.349	173	51595	21.377	ug/l #	98
73) Isopropylbenzene	12.473	105	395784	18.113	ug/l	99
74) N-amyl acetate	12.279	43	91242	19.431	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	79748	20.406	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	55125m	18.123	ug/l	
77) Bromobenzene	12.749	156	94002	19.113	ug/l	94
78) n-propylbenzene	12.814	91	487768	18.378	ug/l	99
79) 2-Chlorotoluene	12.902	91	288260	18.782	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	358430	19.094	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	24014	19.588	ug/l	94
82) 4-Chlorotoluene	12.996	91	306048	19.259	ug/l	99
83) tert-Butylbenzene	13.214	119	303359	18.432	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	358091	19.360	ug/l	99
85) sec-Butylbenzene	13.391	105	465711	18.843	ug/l	100
86) p-Isopropyltoluene	13.508	119	385686	18.964	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	199724	19.377	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	201924	19.756	ug/l	100
89) n-Butylbenzene	13.832	91	362725	18.711	ug/l	100
90) Hexachloroethane	14.102	117	77229	19.375	ug/l	95
91) 1,2-Dichlorobenzene	13.879	146	179255	19.947	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	12418	19.911	ug/l	86
93) 1,2,4-Trichlorobenzene	15.149	180	114892	19.311	ug/l	99
94) Hexachlorobutadiene	15.255	225	65515	18.930	ug/l	98
95) Naphthalene	15.385	128	192883	18.807	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	101119	19.635	ug/l	99

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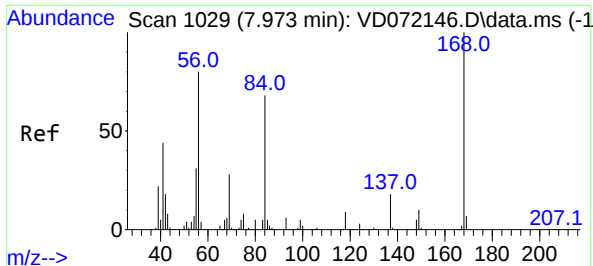
Manual Integrations
APPROVED

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

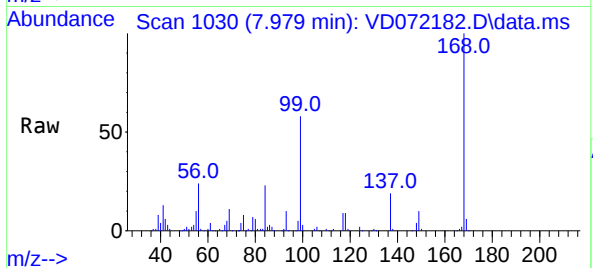
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
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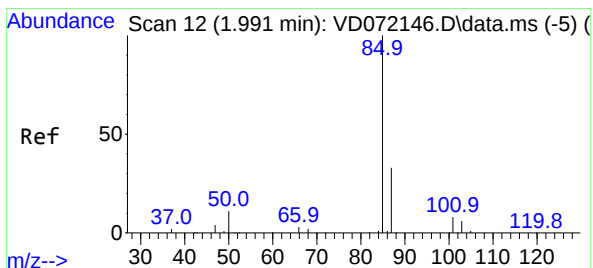
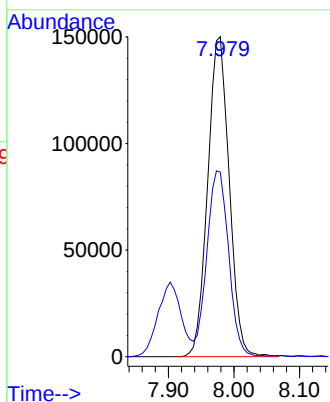
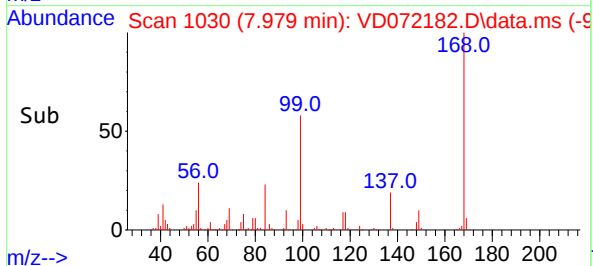
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



Tgt Ion:168 Resp: 34190
Ion Ratio Lower Upper
168 100
99 57.4 49.8 74.6

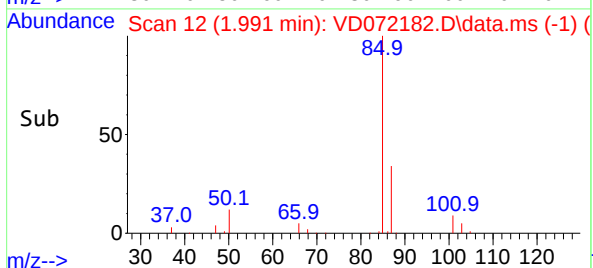
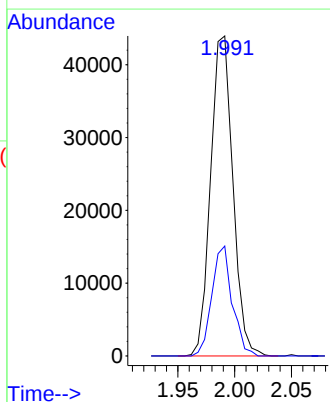
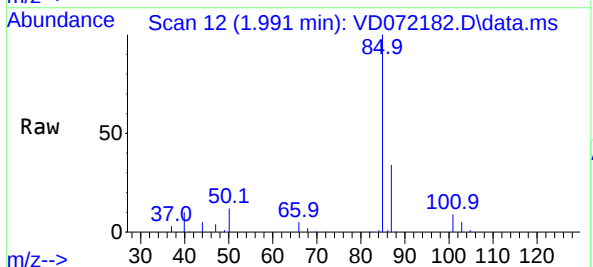
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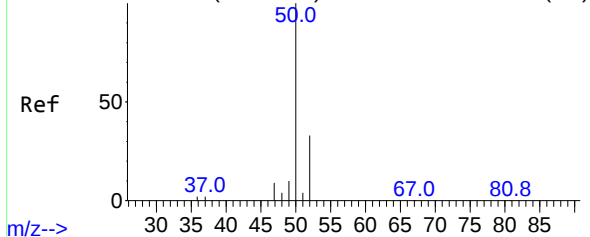


Dichlorodifluoromethane
Concen: 18.971 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

Tgt Ion: 85 Resp: 59995
Ion Ratio Lower Upper
85 100
87 34.4 15.7 47.0



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



#3

Chloromethane

Concen: 17.209 ug/l

RT: 2.209 min Scan# 49

Delta R.T. 0.000 min

Lab File: VD072182.D

Acq: 15 Mar 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS01

Tgt Ion: 50 Resp: 48360

Ion Ratio Lower Upper

50 100

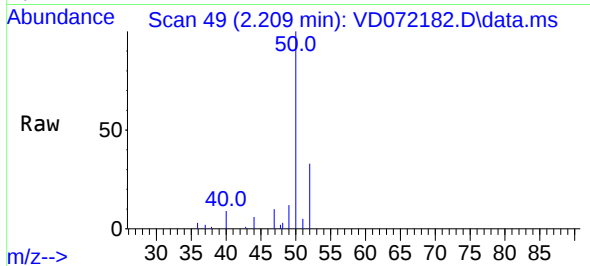
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Manual Integrations

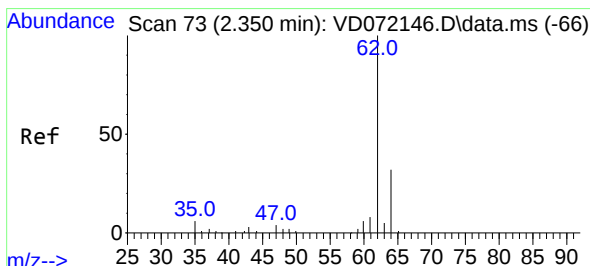
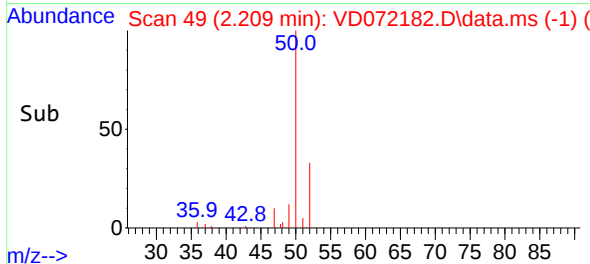
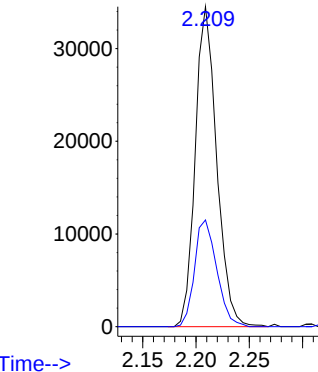
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Supervised By :Mahesh Dadoda 03/17/2022



Abundance



#4

Vinyl Chloride

Concen: 17.673 ug/l

RT: 2.350 min Scan# 73

Delta R.T. 0.000 min

Lab File: VD072182.D

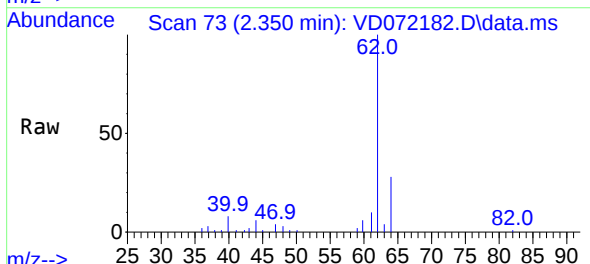
Acq: 15 Mar 2022 12:04

Tgt Ion: 62 Resp: 47940

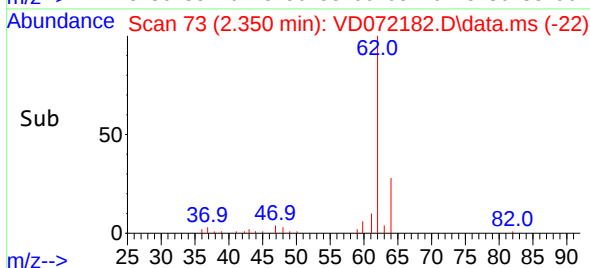
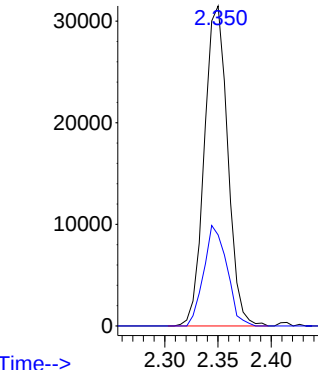
Ion Ratio Lower Upper

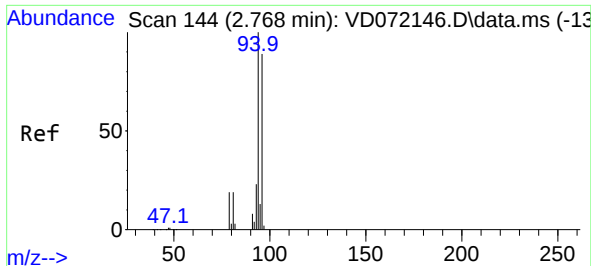
62 100

64 28.4 25.4 38.0



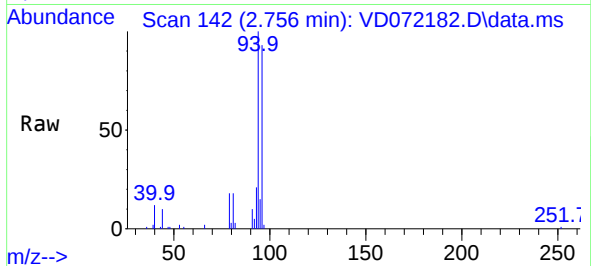
Abundance





#5
Bromomethane
Concen: 18.974 ug/l
RT: 2.756 min Scan# 144
Delta R.T. -0.012 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

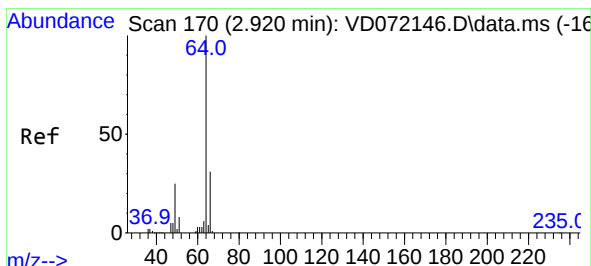
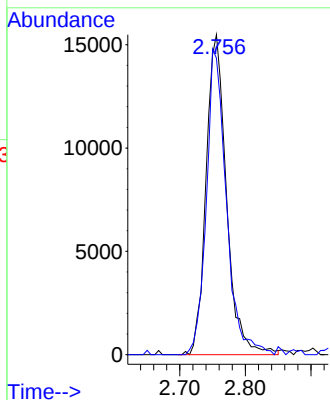
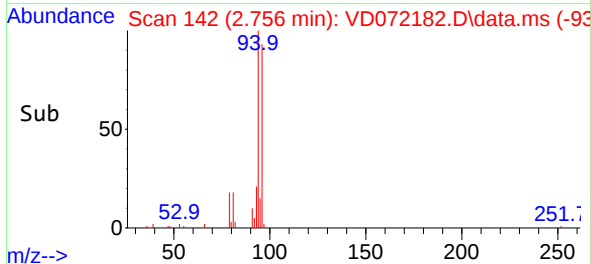
Instrument :
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Tgt Ion: 94 Resp: 33514
Ion Ratio Lower Upper
94 100
96 92.6 77.6 116.4

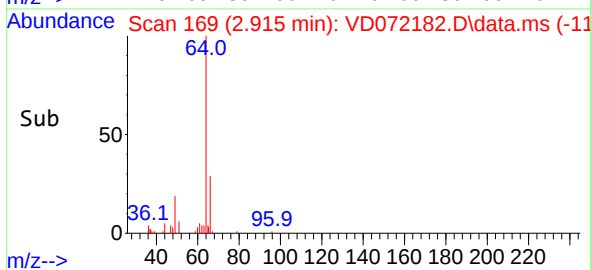
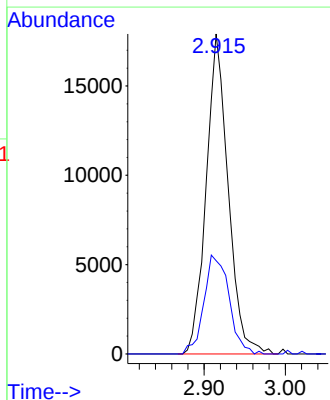
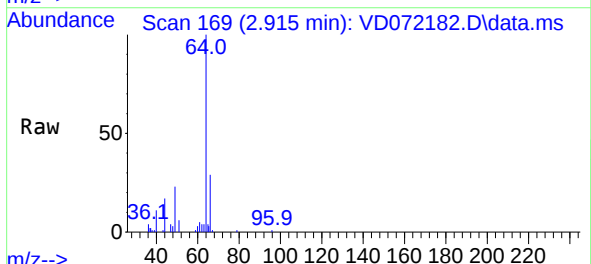
Manual Integrations
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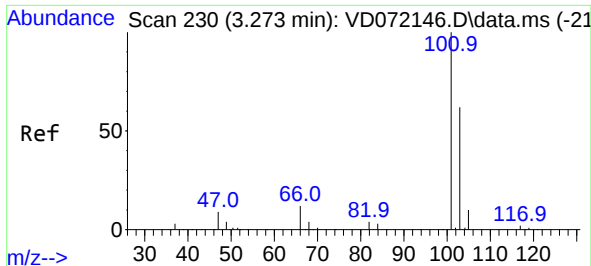
Reviewed By :John Carlone 03/16/2022
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#6
Chloroethane
Concen: 18.802 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

Tgt Ion: 64 Resp: 33720
Ion Ratio Lower Upper
64 100
66 29.2 25.9 38.9





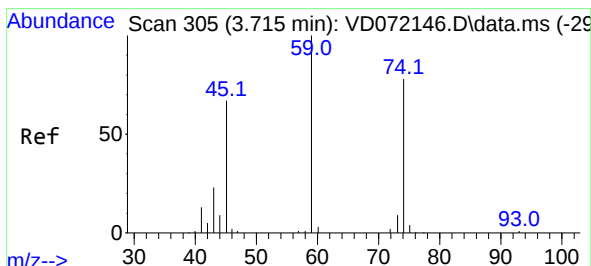
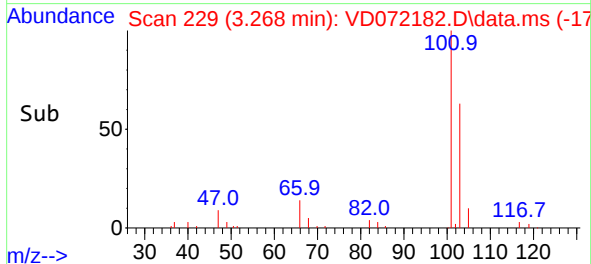
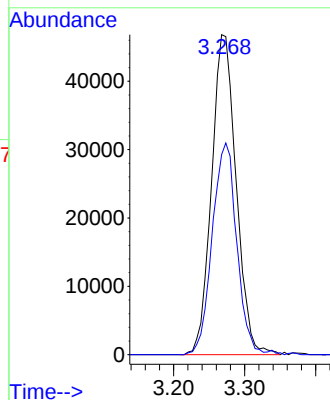
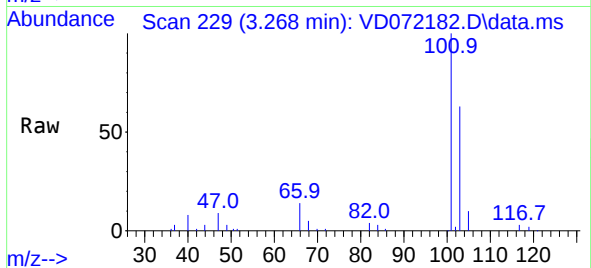
#7
Trichlorofluoromethane
Concen: 18.381 ug/l
RT: 3.268 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

Tgt Ion:101 Resp: 11259
Ion Ratio Lower Upper
101 100
103 62.6 50.1 75.1

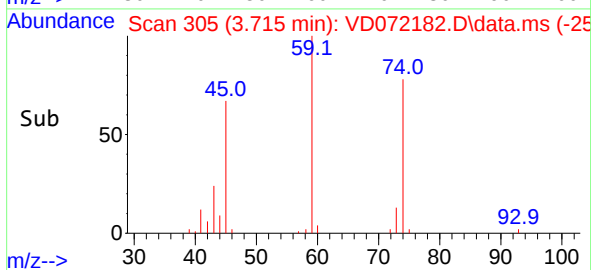
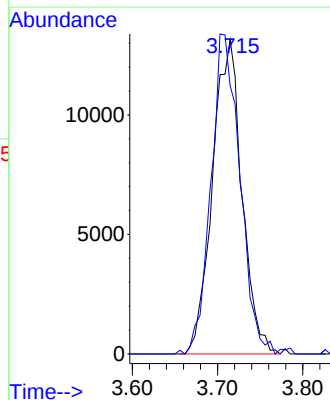
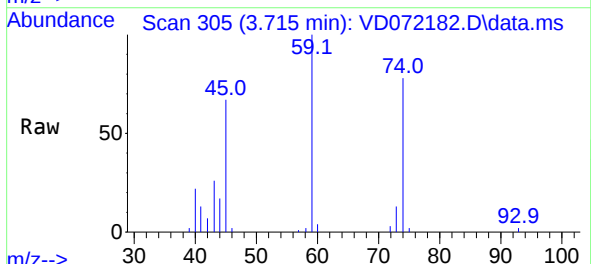
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#8
Diethyl Ether
Concen: 18.617 ug/l
RT: 3.715 min Scan# 305
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

Tgt Ion: 74 Resp: 31497
Ion Ratio Lower Upper
74 100
45 100.8 52.6 157.8





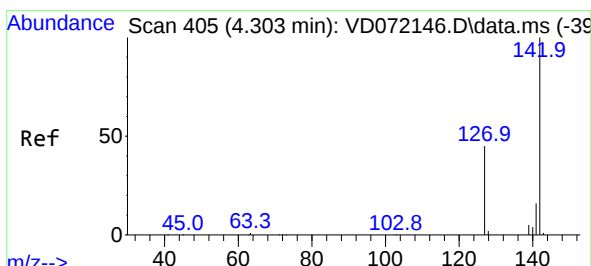
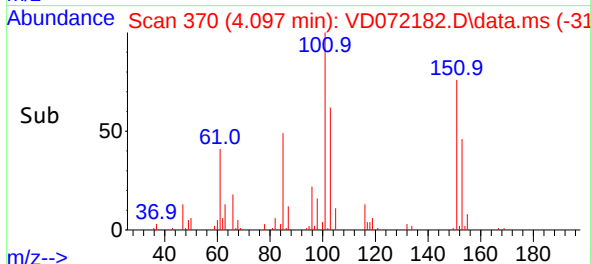
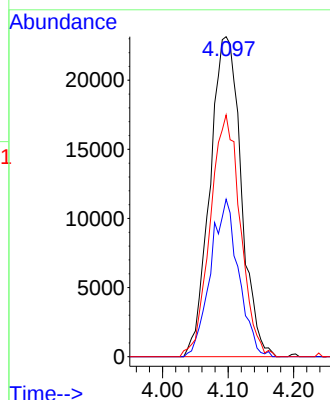
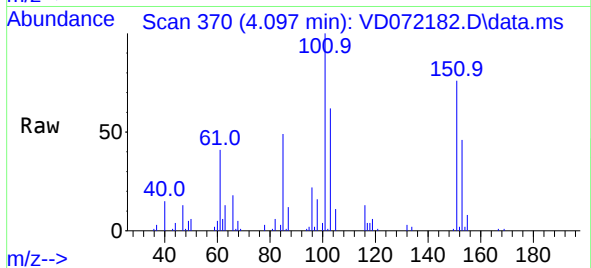
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.559 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

Tgt Ion:101 Resp: 7639
Ion Ratio Lower Upper
101 100
85 44.4 36.4 54.6
151 73.2 57.3 85.9

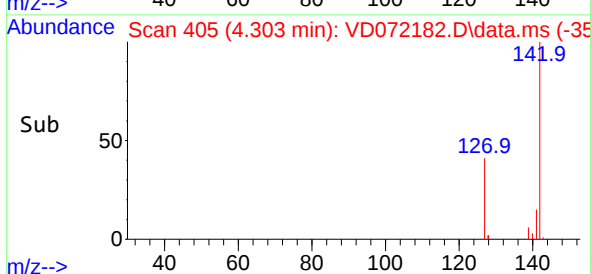
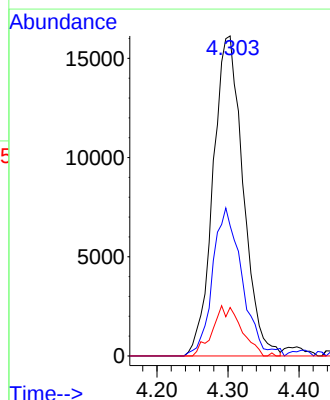
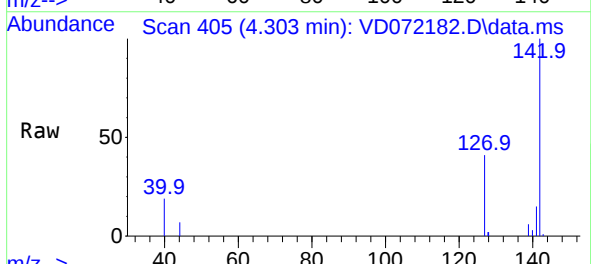
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#10
Methyl Iodide
Concen: 15.133 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

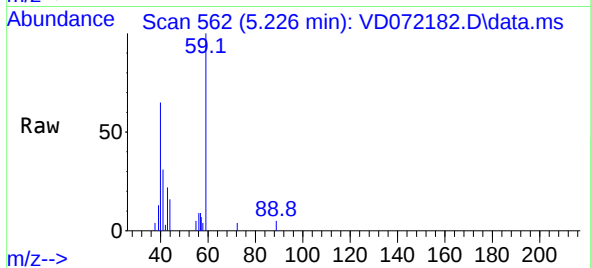
Tgt Ion:142 Resp: 47268
Ion Ratio Lower Upper
142 100
127 44.7 37.3 55.9
141 15.0 11.7 17.5





#11
Tert butyl alcohol
Concen: 99.942 ug/l
RT: 5.226 min Scan# 509
Delta R.T. 0.018 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

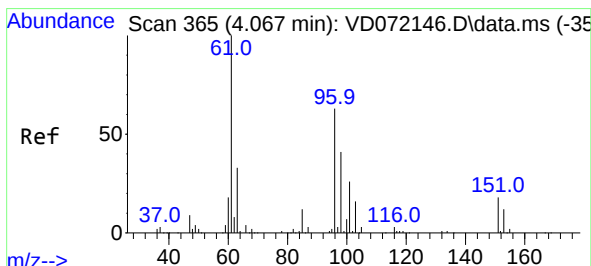
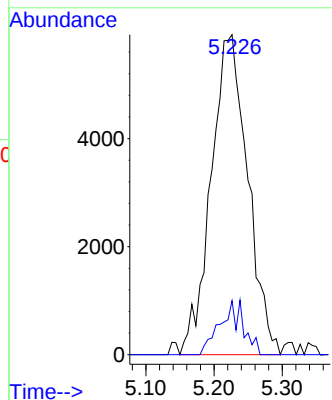
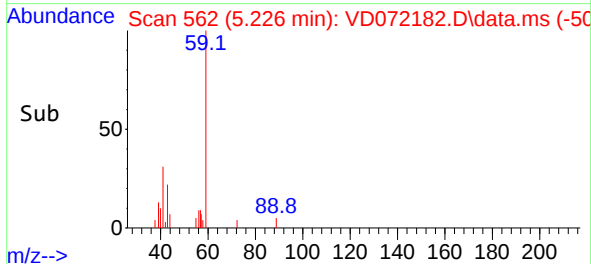
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



Tgt Ion: 59 Resp: 22080
Ion Ratio Lower Upper
59 100
57 10.9 7.8 11.6

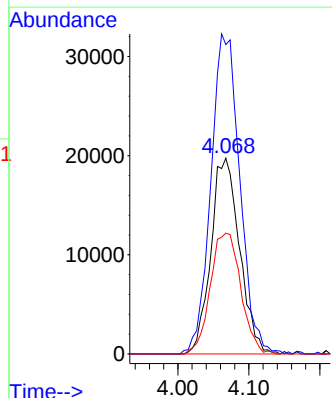
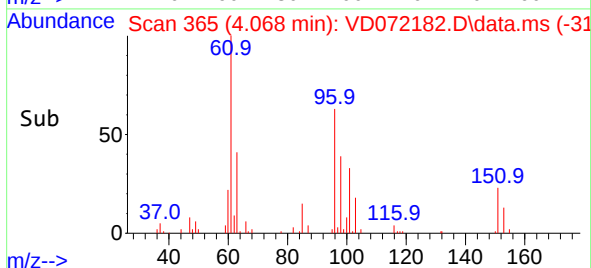
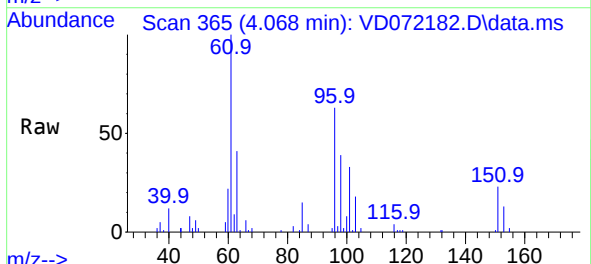
Manual Integrations
APPROVED

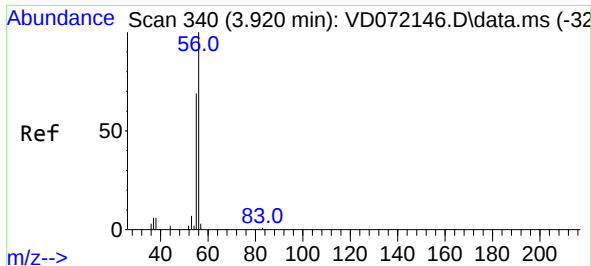
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#12
1,1-Dichloroethene
Concen: 17.635 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

Tgt Ion: 96 Resp: 55414
Ion Ratio Lower Upper
96 100
61 158.1 138.5 207.7
98 61.7 48.6 73.0





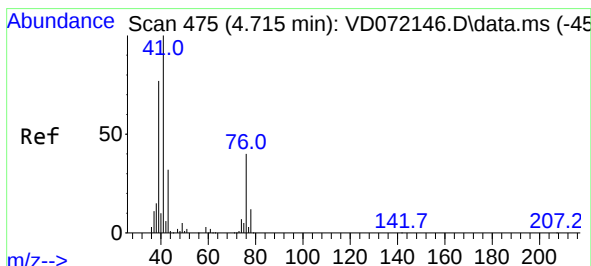
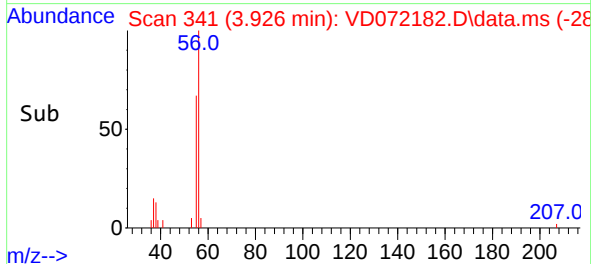
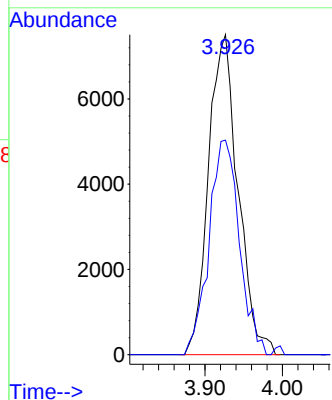
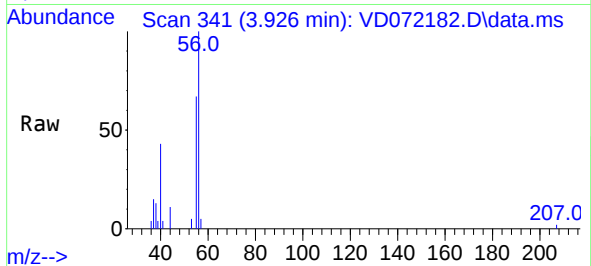
#13
Acrolein
Concen: 101.076 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

Tgt Ion: 56 Resp: 19920
Ion Ratio Lower Upper
56 100
55 68.8 57.1 85.7

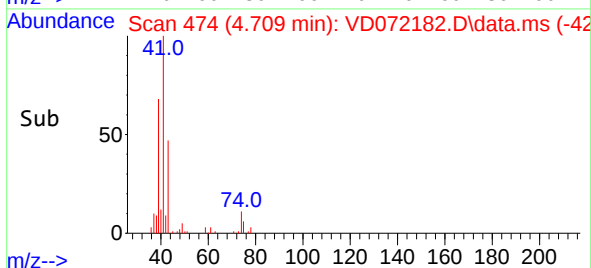
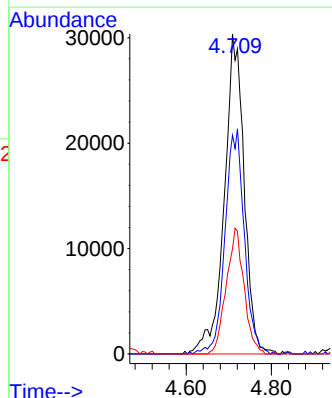
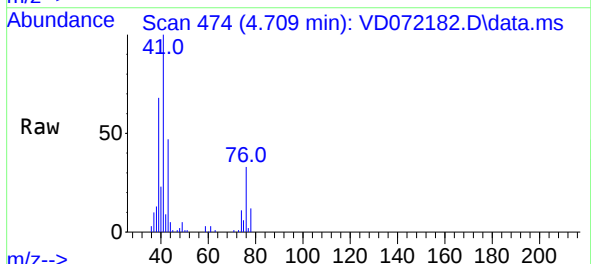
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#14
Allyl chloride
Concen: 17.920 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

Tgt Ion: 41 Resp: 98455
Ion Ratio Lower Upper
41 100
39 68.2 59.3 88.9
76 35.1 25.7 38.5





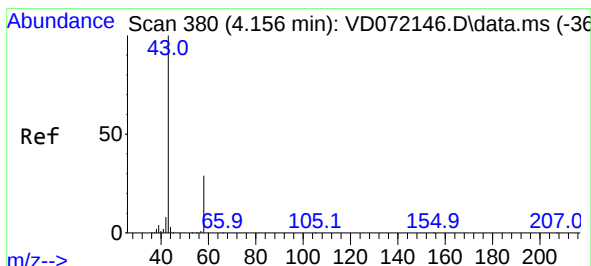
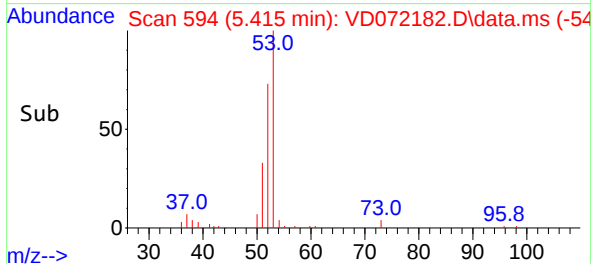
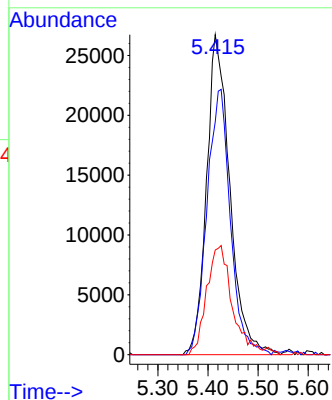
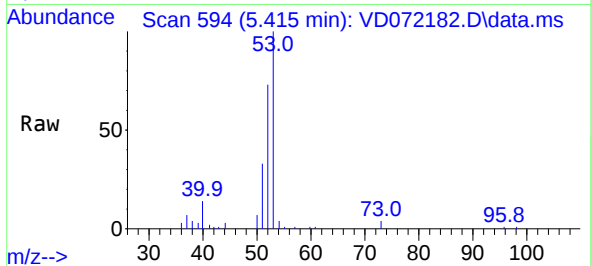
#15
Acrylonitrile
Concen: 101.184 ug/l
RT: 5.415 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

Tgt Ion: 53 Resp: 8637
Ion Ratio Lower Upper
53 100
52 83.2 67.2 100.8
51 37.1 30.3 45.5

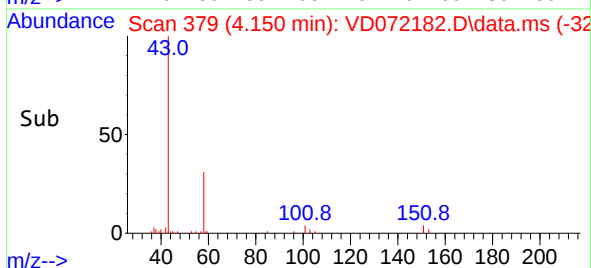
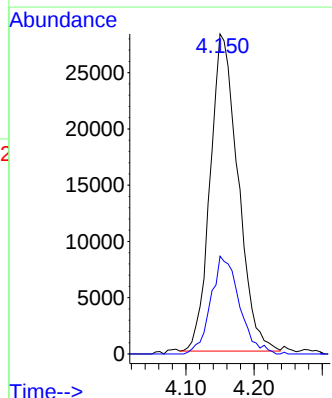
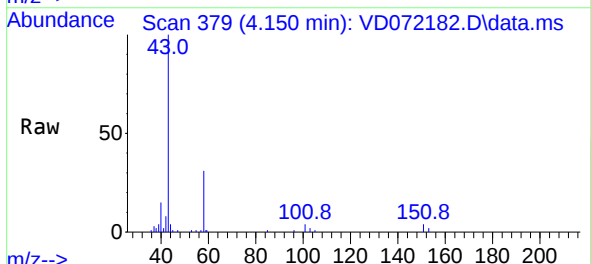
Manual Integrations
APPROVED

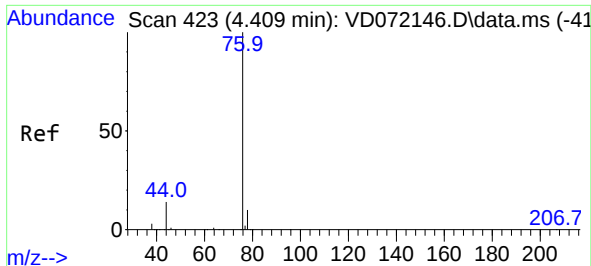
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#16
Acetone
Concen: 96.816 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

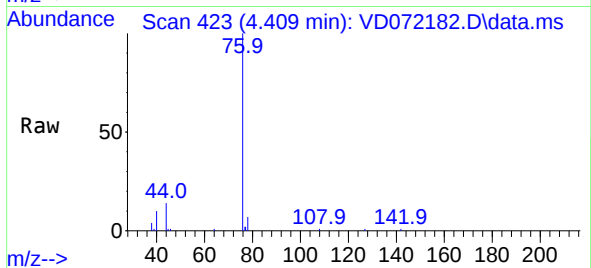
Tgt Ion: 43 Resp: 80096
Ion Ratio Lower Upper
43 100
58 30.8 22.1 33.1





#17
Carbon Disulfide
Concen: 13.745 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

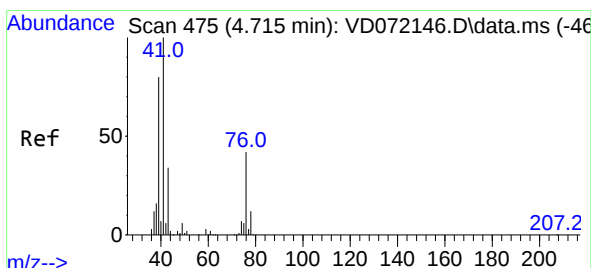
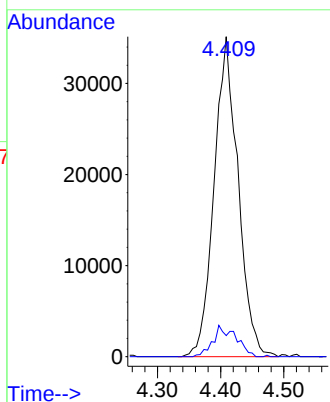
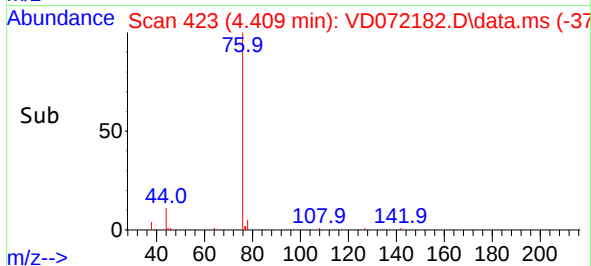
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



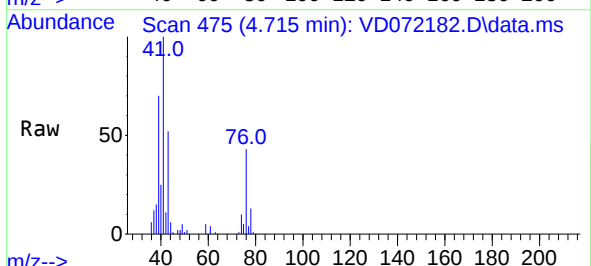
Tgt Ion: 76 Resp: 9251
Ion Ratio Lower Upper
76 100
78 6.6 7.5 11.3

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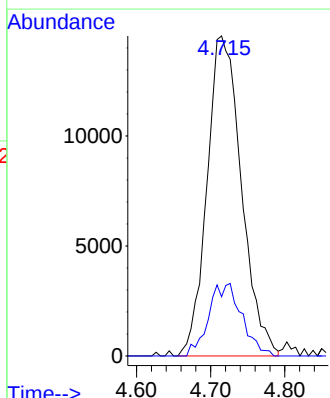
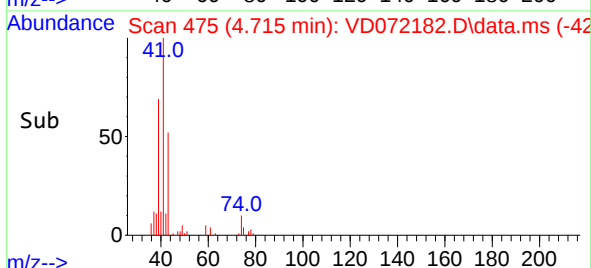
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

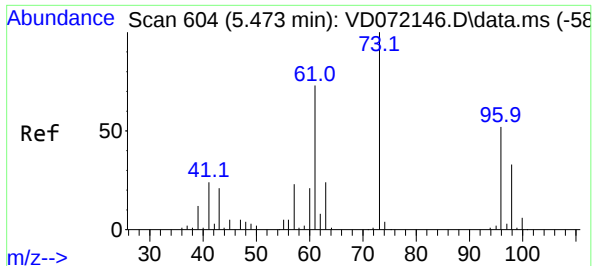


#18
Methyl Acetate
Concen: 23.140 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04



Tgt Ion: 43 Resp: 46913
Ion Ratio Lower Upper
43 100
74 21.9 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 19.625 ug/l

RT: 5.485 min Scan# 604

Delta R.T. 0.012 min

Lab File: VD072182.D

Acq: 15 Mar 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS01

Tgt Ion: 73 Resp: 167618

Ion Ratio Lower Upper

73 100

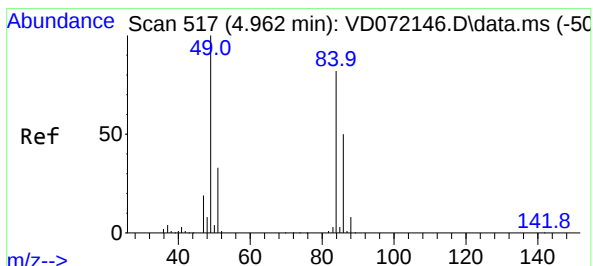
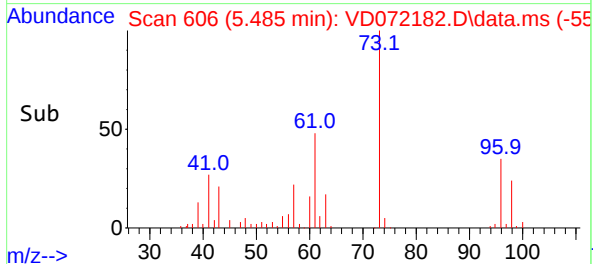
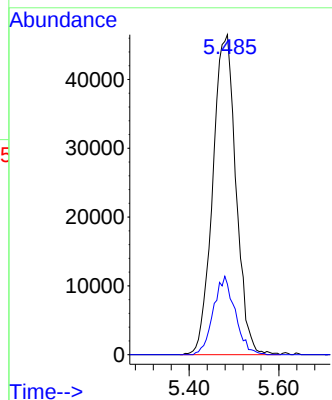
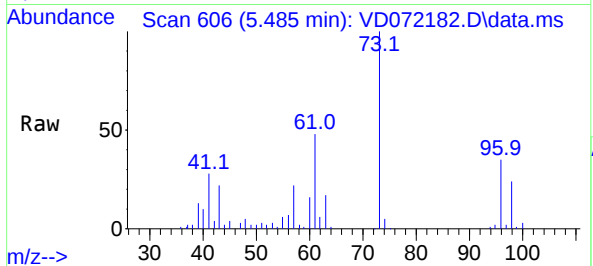
57 22.0 18.0 27.0

Manual Integrations

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Reviewed By :John Carlone 03/16/2022

Supervised By :Mahesh Dadoda 03/17/2022



#20

Methylene Chloride

Concen: 17.300 ug/l

RT: 4.962 min Scan# 517

Delta R.T. -0.000 min

Lab File: VD072182.D

Acq: 15 Mar 2022 12:04

Tgt Ion: 84 Resp: 88046

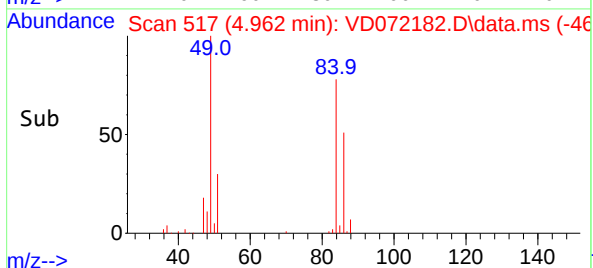
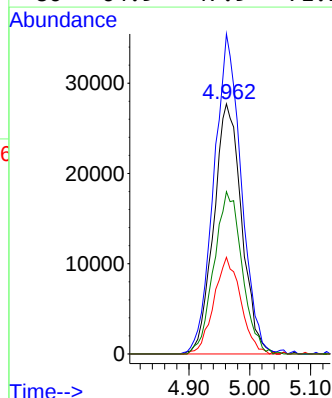
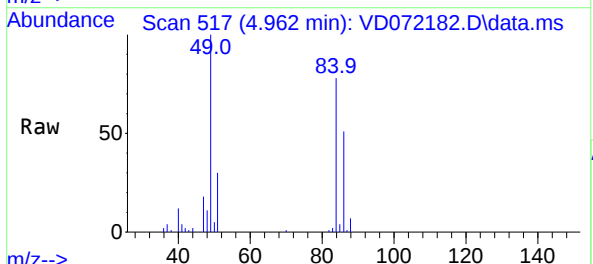
Ion Ratio Lower Upper

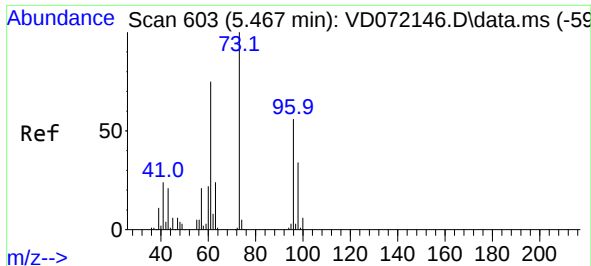
84 100

49 127.9 112.8 169.2

51 38.6 32.6 48.8

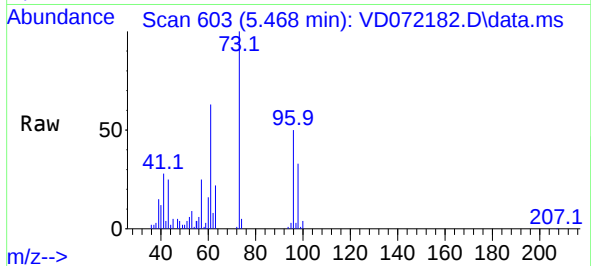
86 64.9 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 18.067 ug/l
RT: 5.468 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

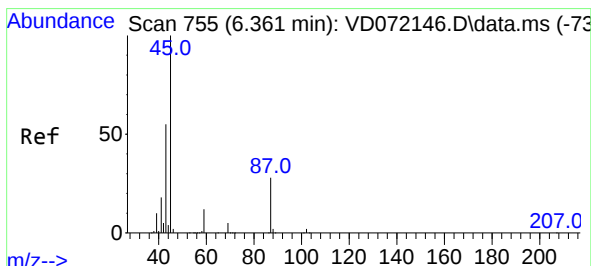
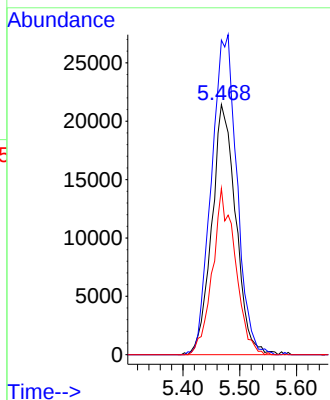
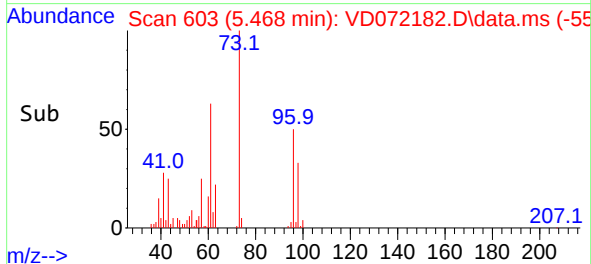
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



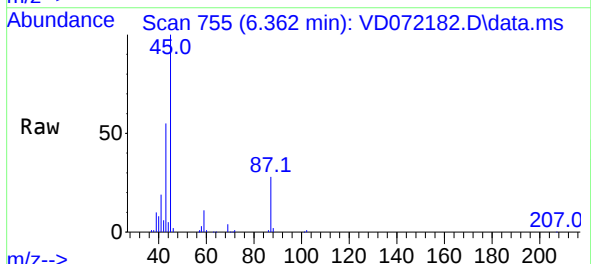
Tgt Ion: 96 Resp: 62794
Ion Ratio Lower Upper
96 100
61 125.7 117.9 176.9
98 66.5 49.4 74.2

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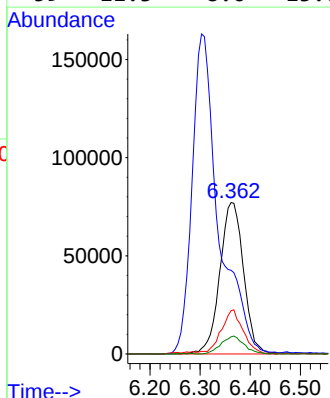
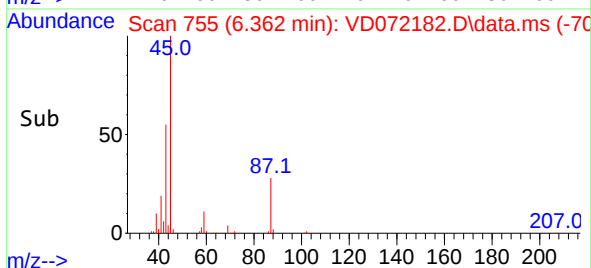
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

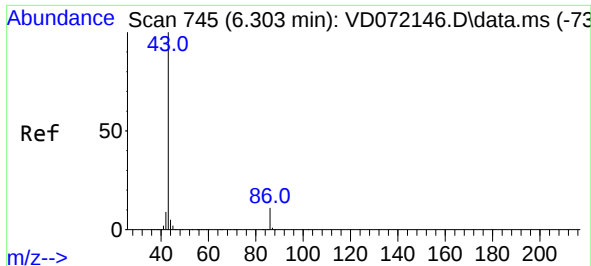


#22
Diisopropyl ether
Concen: 20.252 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04



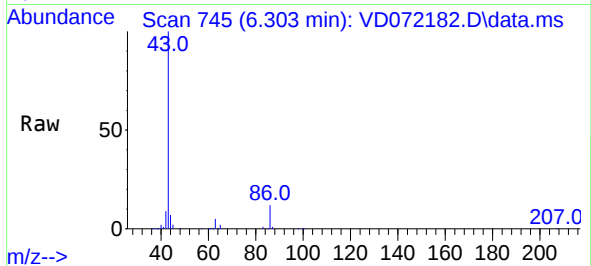
Tgt Ion: 45 Resp: 253792
Ion Ratio Lower Upper
45 100
43 54.6 46.6 70.0
87 28.1 18.4 27.6#
59 11.3 8.6 13.0





#23
 Vinyl Acetate
 Concen: 93.746 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD072182.D
 Acq: 15 Mar 2022 12:04

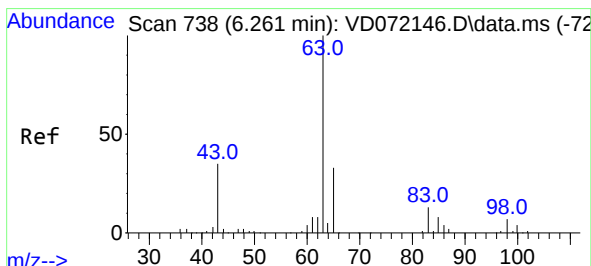
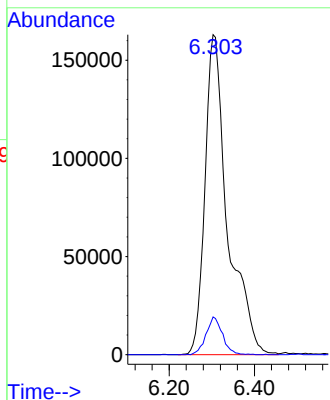
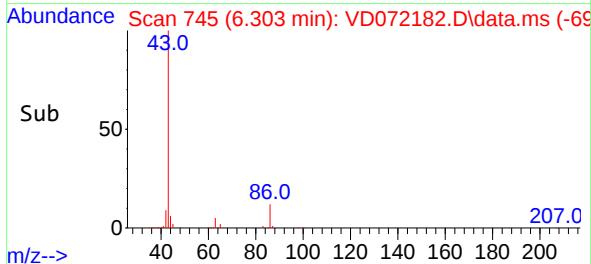
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBS01



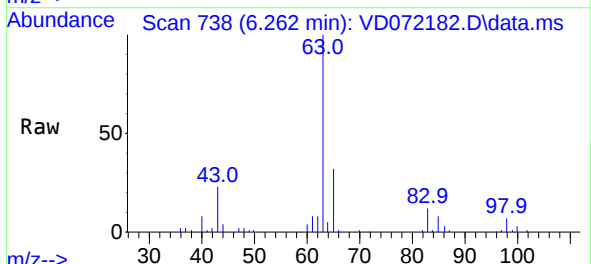
Tgt Ion: 43 Resp: 59955
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.1 10.7

Manual Integrations
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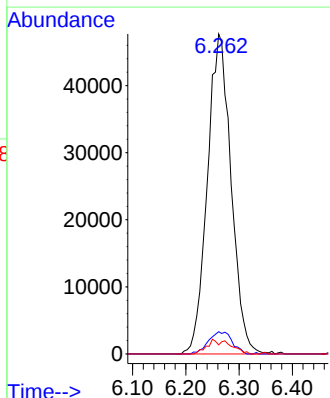
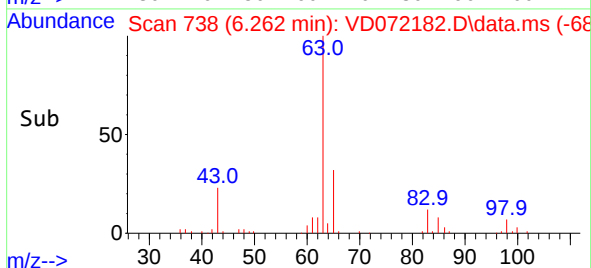
Reviewed By :John Carlone 03/16/2022
 Supervised By :Mahesh Dadoda 03/17/2022

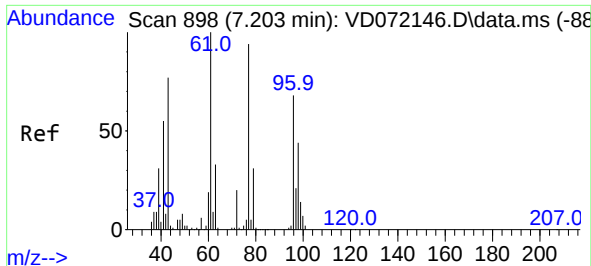


#24
 1,1-Dichloroethane
 Concen: 19.969 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD072182.D
 Acq: 15 Mar 2022 12:04



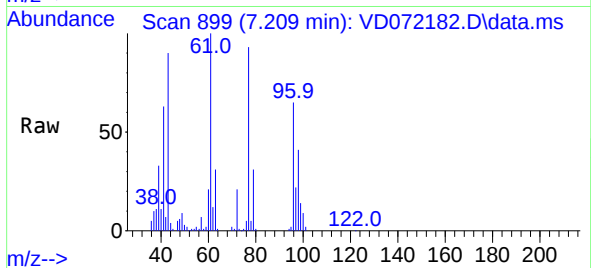
Tgt Ion: 63 Resp: 147585
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.9
 100 2.8 2.1 6.5





#25
2-Butanone
Concen: 102.150 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

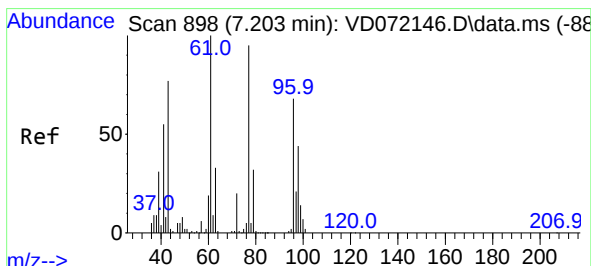
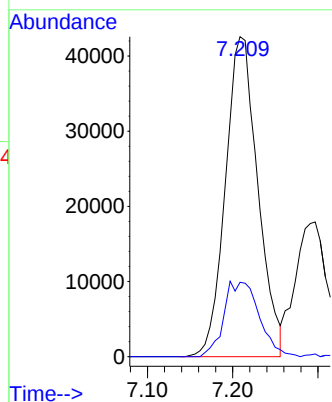
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



Tgt Ion: 43 Resp: 11267
Ion Ratio Lower Upper
43 100
72 23.3 18.6 27.8

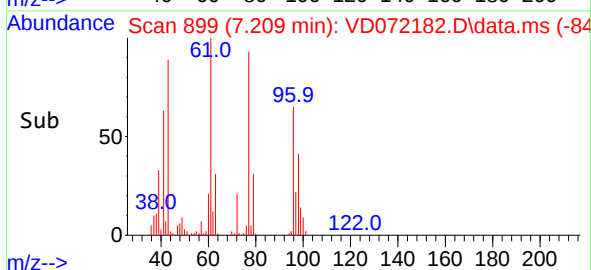
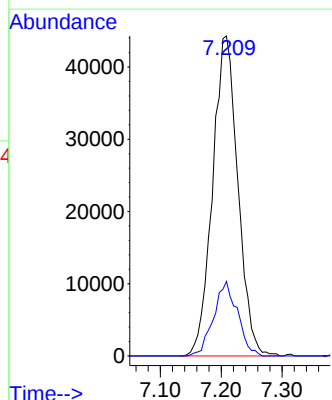
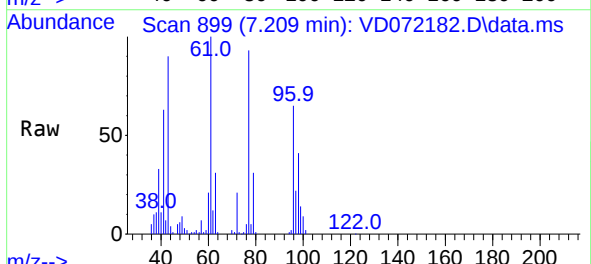
Manual Integrations
APPROVED

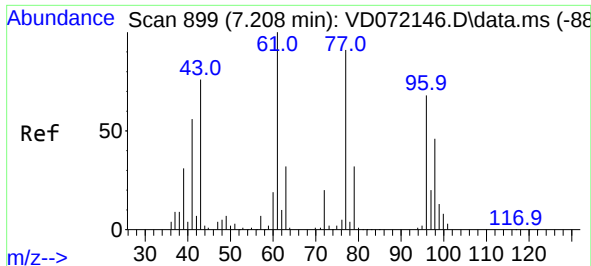
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#26
2,2-Dichloropropane
Concen: 19.158 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

Tgt Ion: 77 Resp: 127751
Ion Ratio Lower Upper
77 100
97 22.0 10.8 32.4





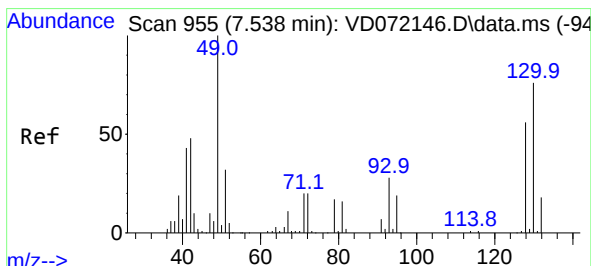
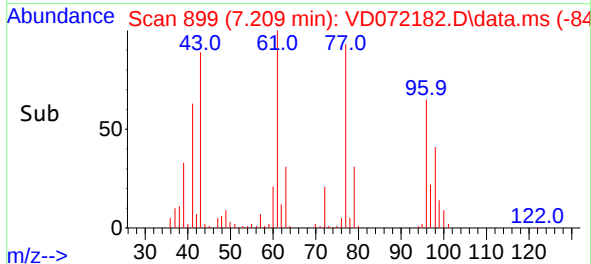
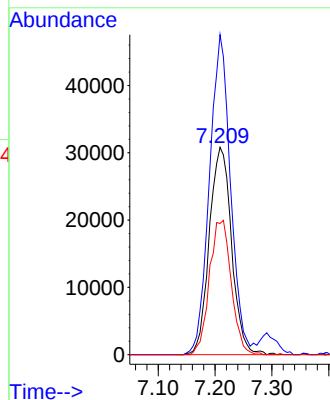
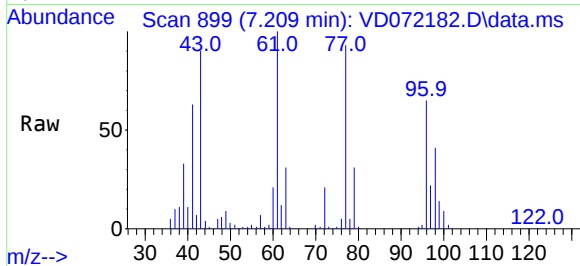
#27
cis-1,2-Dichloroethene
Concen: 18.937 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

Tgt Ion: 96 Resp: 8402
Ion Ratio Lower Upper
96 100
61 146.8 0.0 313.8
98 63.4 0.0 128.8

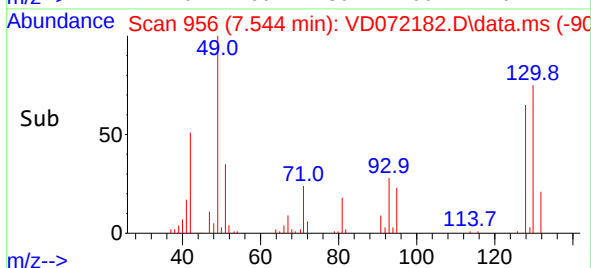
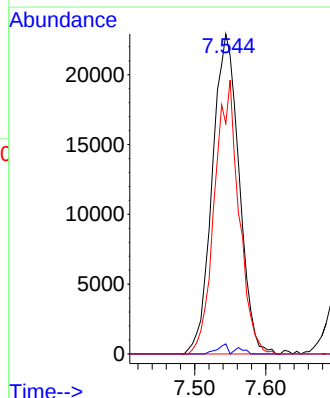
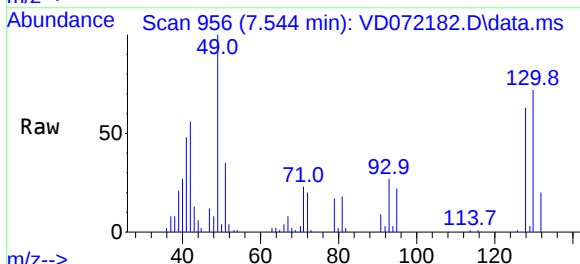
Manual Integrations
APPROVED

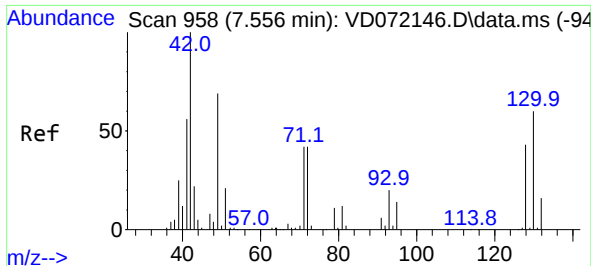
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#28
Bromochloromethane
Concen: 20.165 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.006 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

Tgt Ion: 49 Resp: 59996
Ion Ratio Lower Upper
49 100
129 1.2 0.0 4.0
130 77.7 52.6 79.0





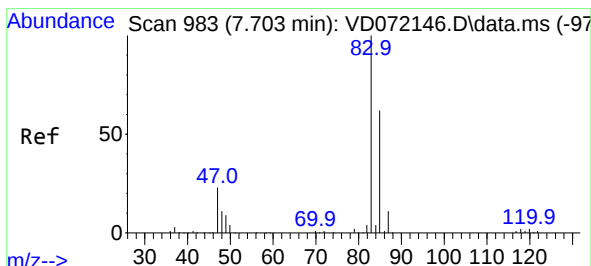
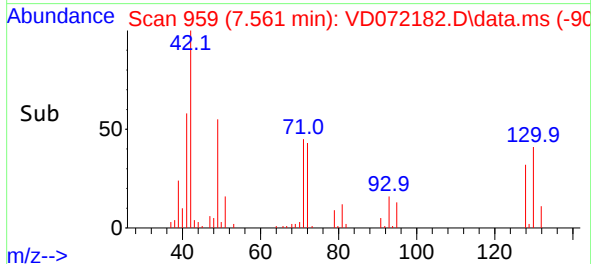
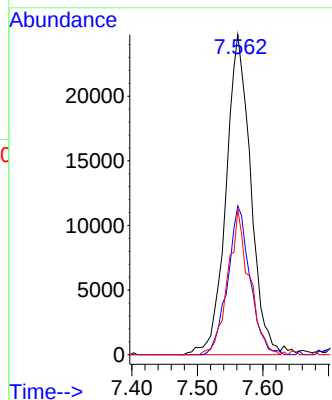
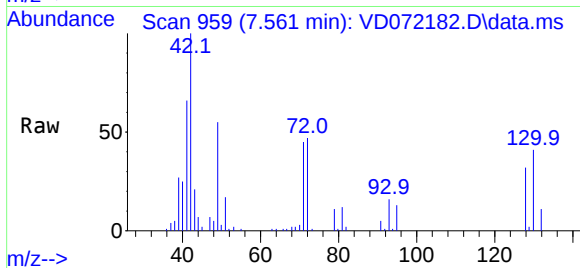
#29
Tetrahydrofuran
Concen: 99.642 ug/l
RT: 7.561 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

Tgt Ion: 42 Resp: 64629
Ion Ratio Lower Upper
42 100
72 42.3 30.7 46.1
71 39.8 28.6 43.0

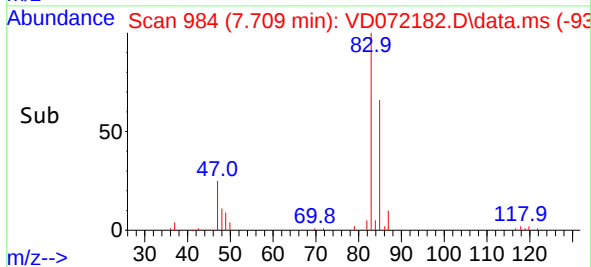
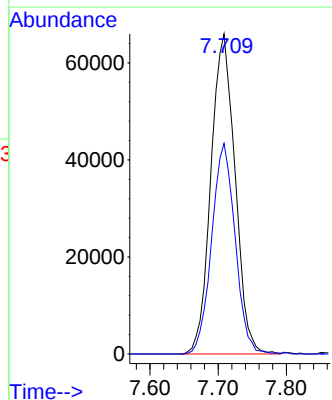
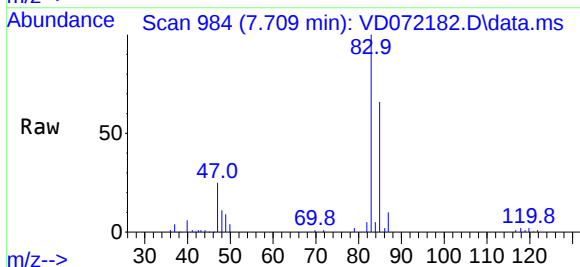
Manual Integrations
APPROVED

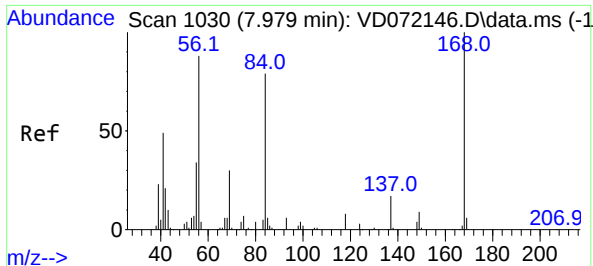
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#30
Chloroform
Concen: 20.637 ug/l
RT: 7.709 min Scan# 984
Delta R.T. 0.006 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

Tgt Ion: 83 Resp: 162487
Ion Ratio Lower Upper
83 100
85 65.8 52.7 79.1





#31

Cyclohexane

Concen: 16.795 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VD072182.D

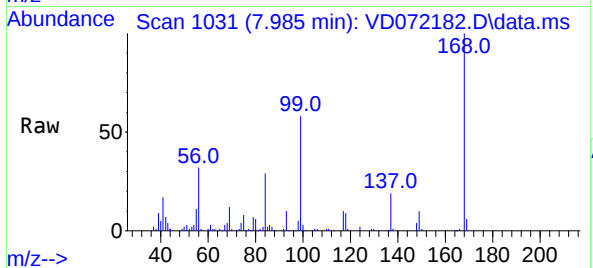
Acq: 15 Mar 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS01



Tgt Ion: 56 Resp: 99979

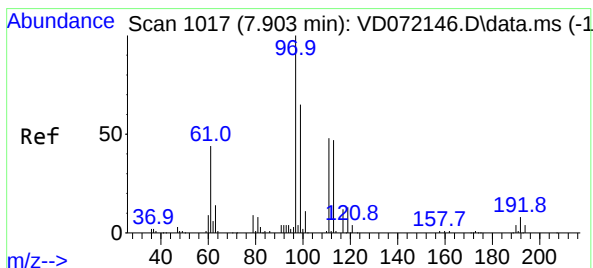
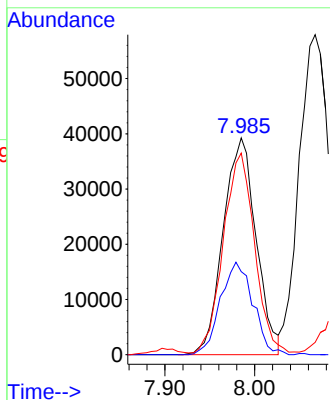
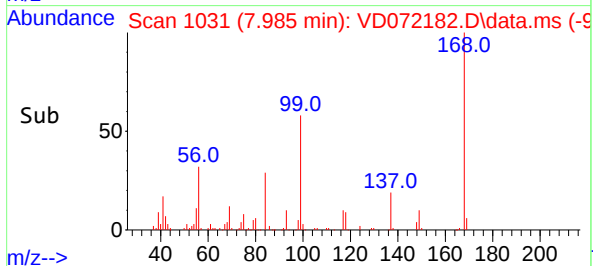
Ion	Ratio	Lower	Upper
56	100		
69	38.3	25.4	38.2
84	91.5	63.0	94.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2022

Supervised By :Mahesh Dadoda 03/17/2022



#32

1,1,1-Trichloroethane

Concen: 19.267 ug/l

RT: 7.897 min Scan# 1016

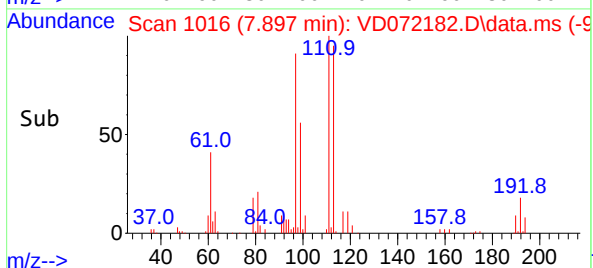
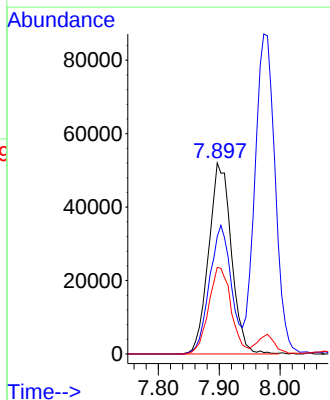
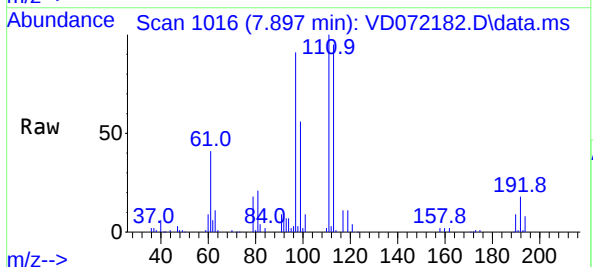
Delta R.T. -0.006 min

Lab File: VD072182.D

Acq: 15 Mar 2022 12:04

Tgt Ion: 97 Resp: 134733

Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.4	78.6
61	45.1	38.0	57.0





#33

1,2-Dichloroethane-d4

Concen: 57.256 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072182.D

Acq: 15 Mar 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS01

Tgt Ion: 65 Resp: 21816

Ion Ratio Lower Upper

65 100

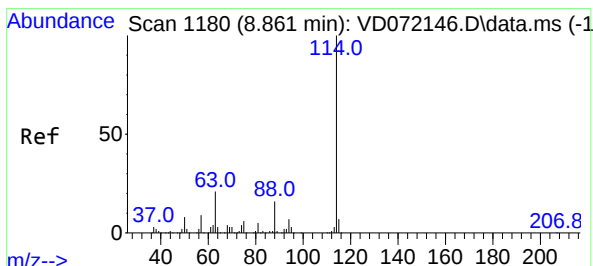
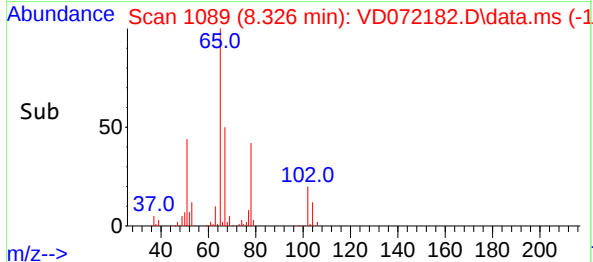
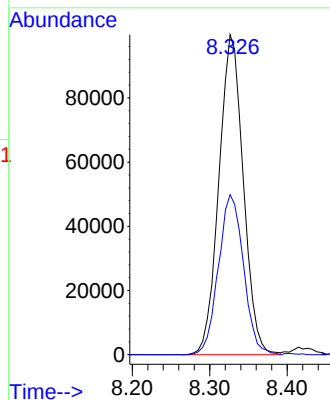
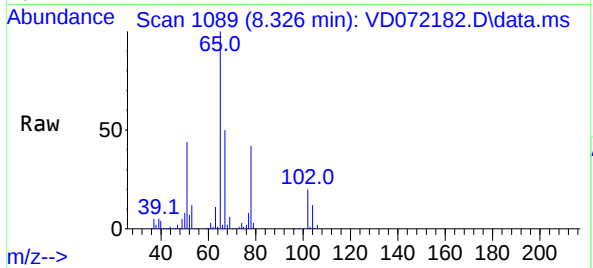
67 51.4 0.0 101.4

Manual Integrations

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Reviewed By :John Carlone 03/16/2022

Supervised By :Mahesh Dadoda 03/17/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072182.D

Acq: 15 Mar 2022 12:04

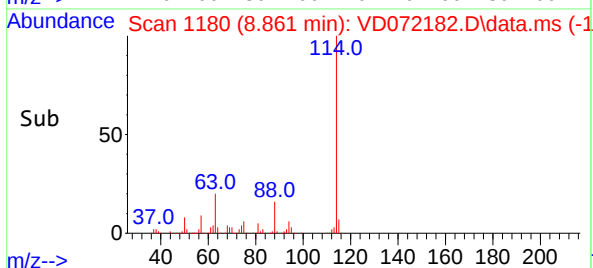
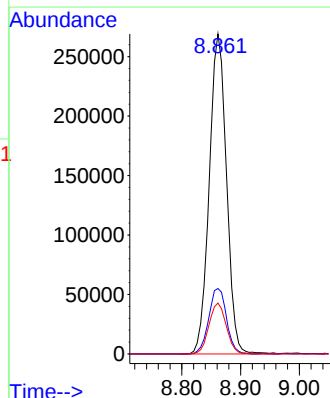
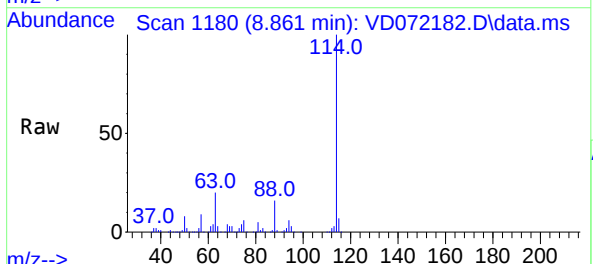
Tgt Ion:114 Resp: 547809

Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.6

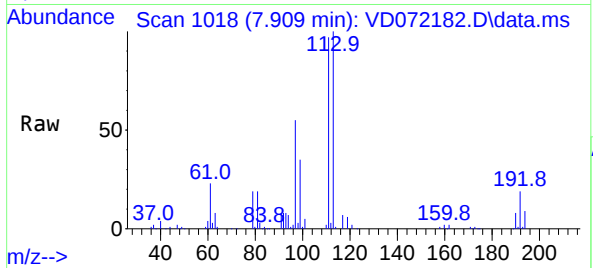
88 15.9 0.0 33.2





#35
Dibromofluoromethane
Concen: 54.071 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

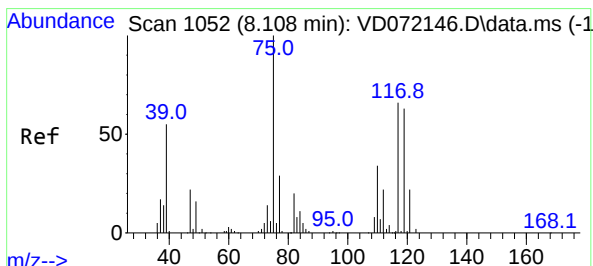
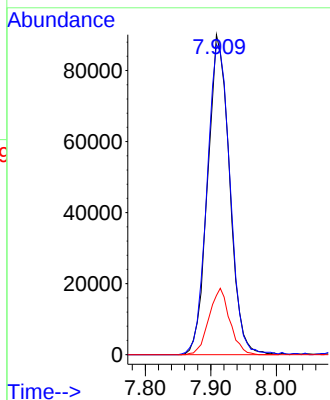
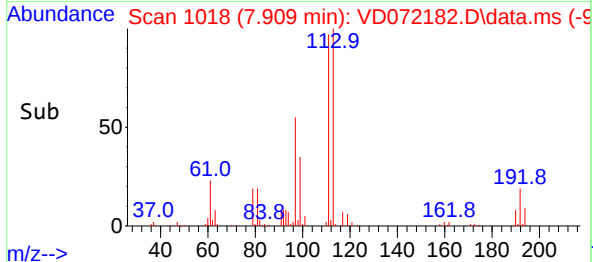
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



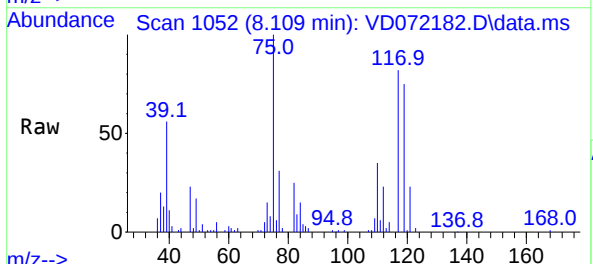
Tgt Ion:113 Resp: 20844
Ion Ratio Lower Upper
113 100
111 102.0 83.8 125.6
192 19.7 14.6 21.8

Manual Integrations
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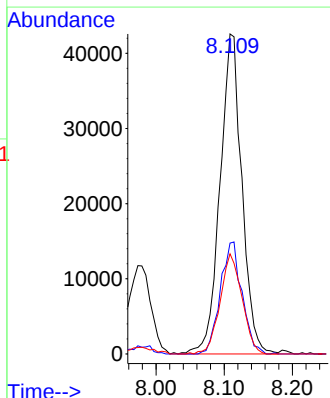
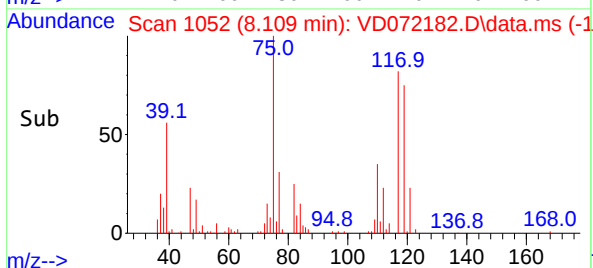
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#36
1,1-Dichloropropene
Concen: 17.568 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04



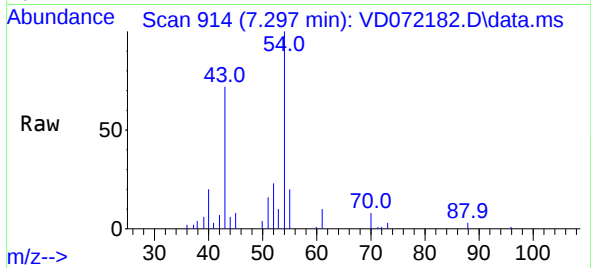
Tgt Ion: 75 Resp: 95006
Ion Ratio Lower Upper
75 100
110 34.8 16.4 49.1
77 31.4 24.2 36.2





#37
Ethyl Acetate
Concen: 20.190 ug/l
RT: 7.297 min Scan# 912
Delta R.T. 0.012 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

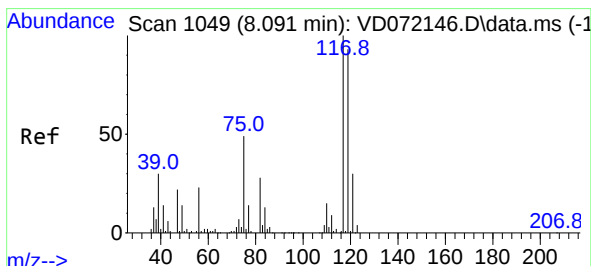
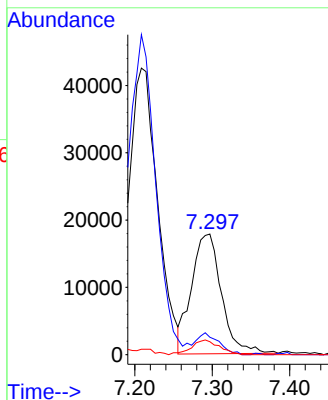
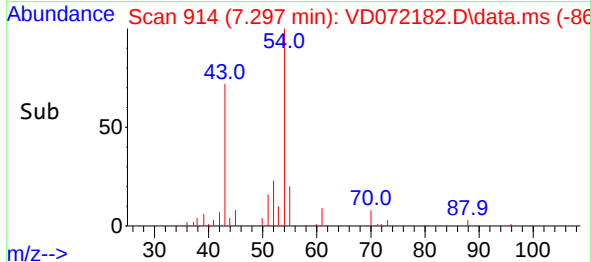
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



Tgt Ion: 43 Resp: 47829
Ion Ratio Lower Upper
43 100
61 13.1 9.8 14.8
70 11.4 6.9 10.3

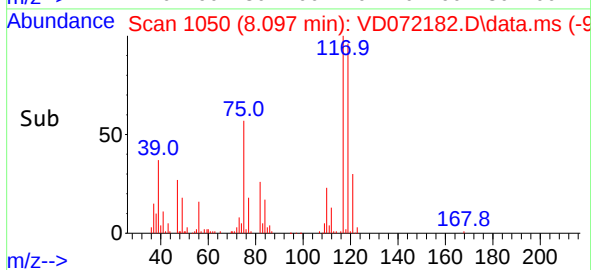
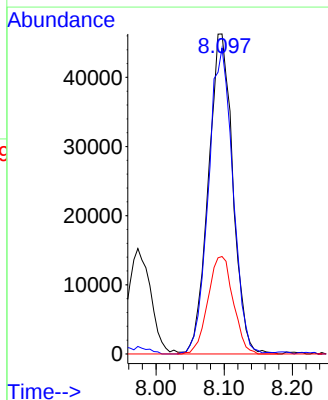
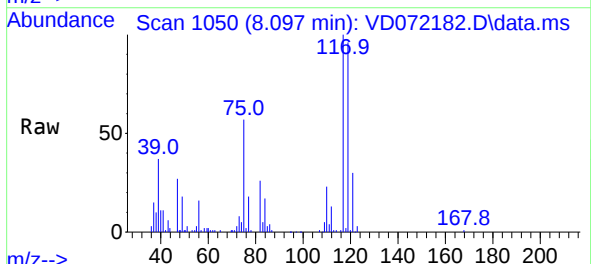
Manual Integrations
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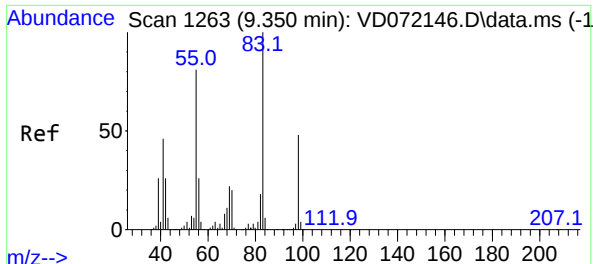
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#38
Carbon Tetrachloride
Concen: 18.764 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

Tgt Ion:117 Resp: 115352
Ion Ratio Lower Upper
117 100
119 95.6 75.8 113.6
121 30.5 24.5 36.7





#39

Methylcyclohexane

Concen: 16.004 ug/l

RT: 9.350 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VD072182.D

Acq: 15 Mar 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS01

Tgt Ion: 83 Resp: 9739

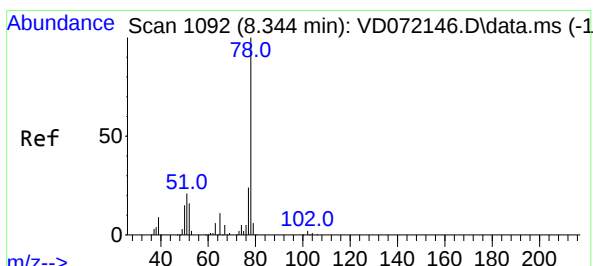
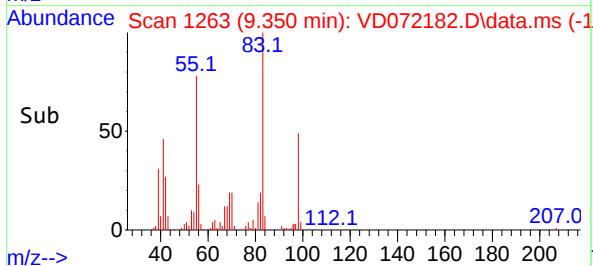
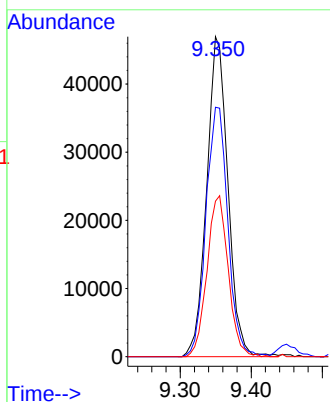
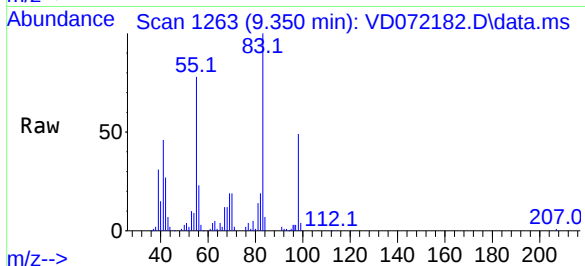
Ion	Ratio	Lower	Upper
83	100		
55	78.0	63.2	94.8
98	48.6	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2022

Supervised By :Mahesh Dadoda 03/17/2022



#40

Benzene

Concen: 18.691 ug/l

RT: 8.350 min Scan# 1093

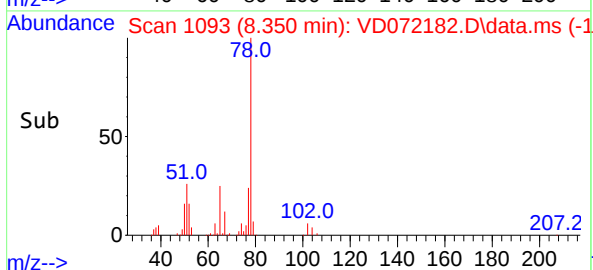
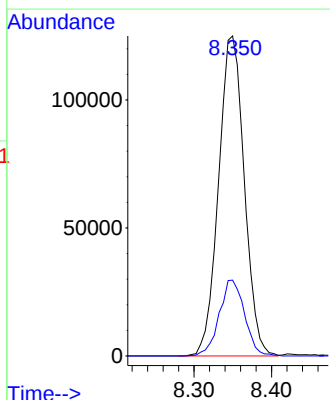
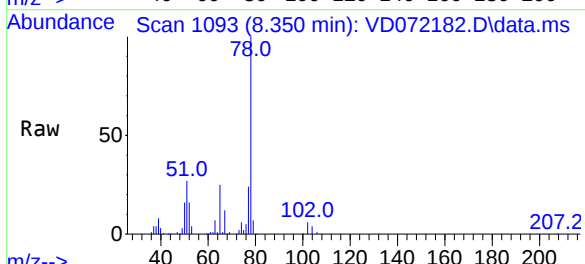
Delta R.T. 0.006 min

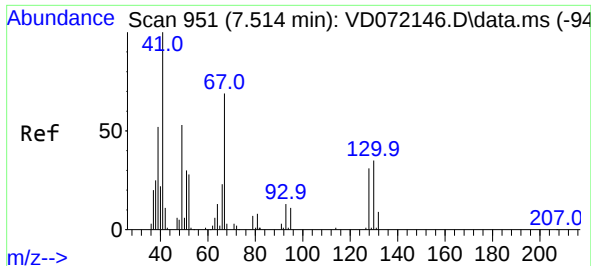
Lab File: VD072182.D

Acq: 15 Mar 2022 12:04

Tgt Ion: 78 Resp: 288370

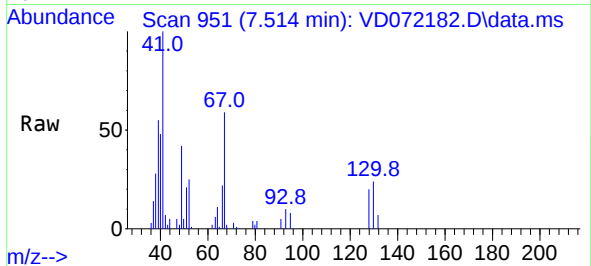
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.1	28.7





#41
Methacrylonitrile
Concen: 22.623 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

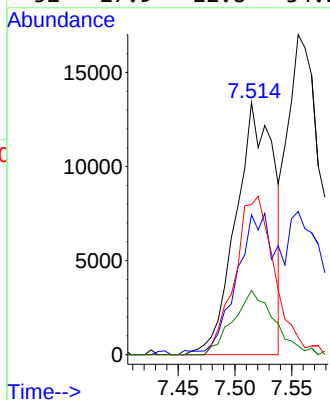
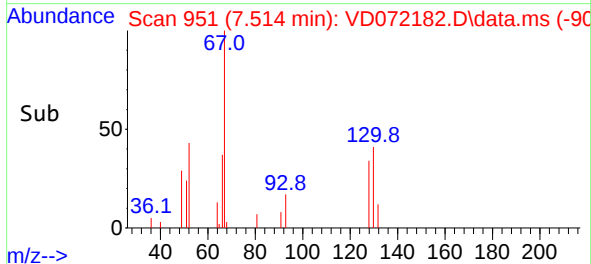
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



Tgt Ion: 41 Resp: 3123
Ion Ratio Lower Upper
41 100
39 61.8 44.6 67.0
67 66.0 48.2 72.4
52 27.9 22.8 34.2

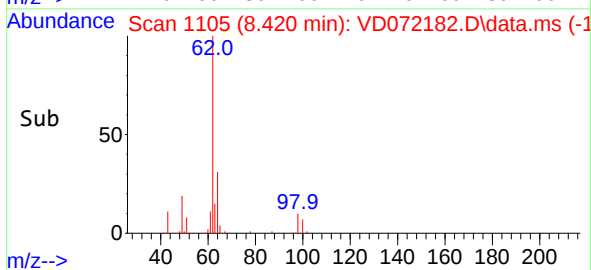
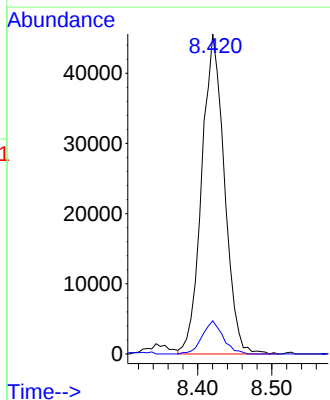
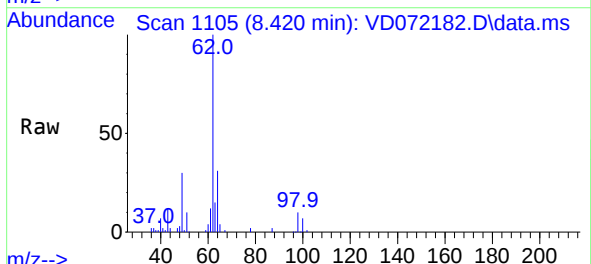
Manual Integrations
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Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#42
1,2-Dichloroethane
Concen: 20.694 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

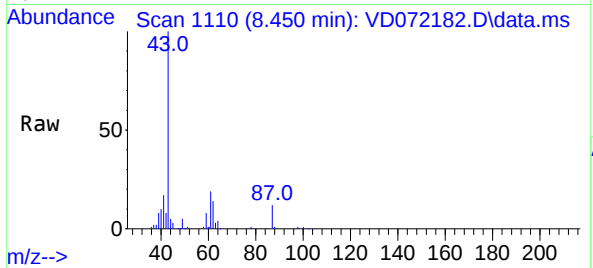
Tgt Ion: 62 Resp: 96851
Ion Ratio Lower Upper
62 100
98 9.4 0.0 17.6





#43
Isopropyl Acetate
Concen: 20.608 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

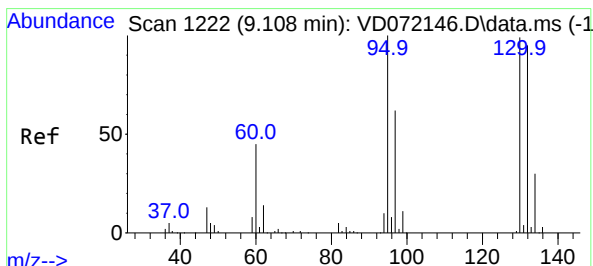
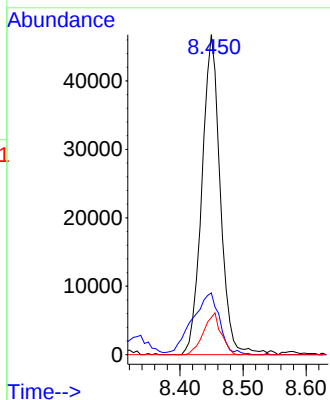
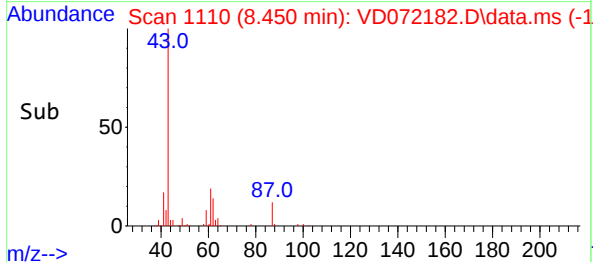
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



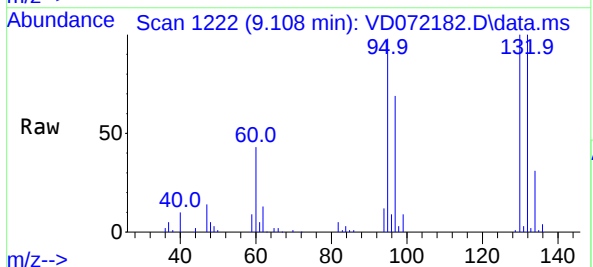
Tgt Ion: 43 Resp: 94750
Ion Ratio Lower Upper
43 100
61 28.8 22.4 33.6
87 12.4 8.7 13.1

Manual Integrations
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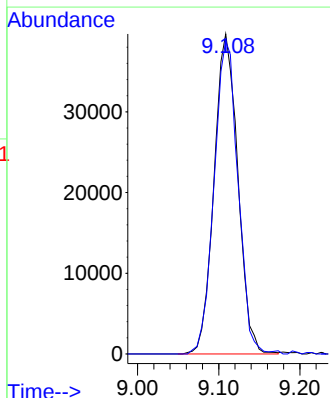
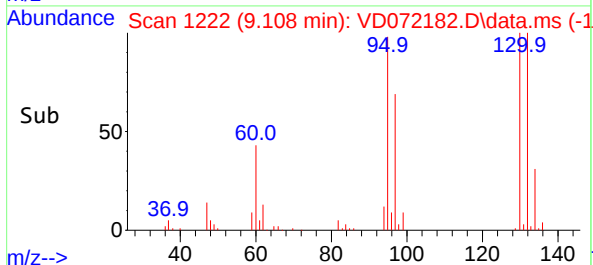
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#44
Trichloroethene
Concen: 18.625 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04



Tgt Ion:130 Resp: 80670
Ion Ratio Lower Upper
130 100
95 97.9 0.0 205.4





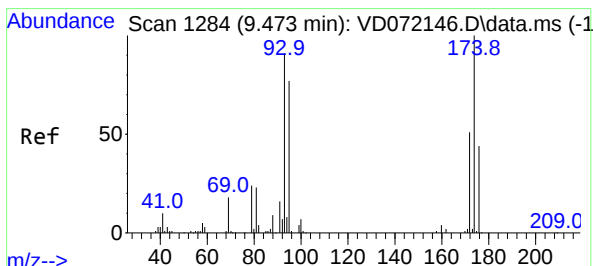
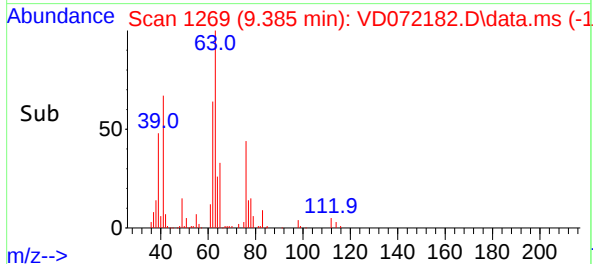
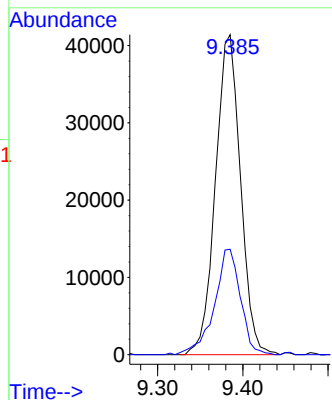
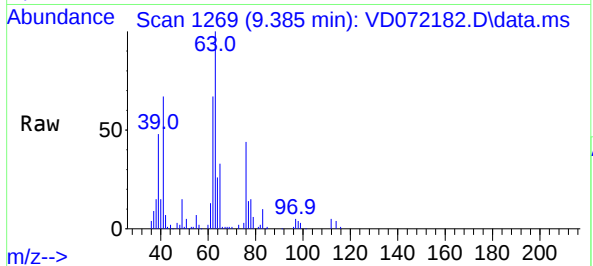
#45
1,2-Dichloropropane
Concen: 19.949 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

Tgt Ion: 63 Resp: 8441
Ion Ratio Lower Upper
63 100
65 33.0 26.2 39.4

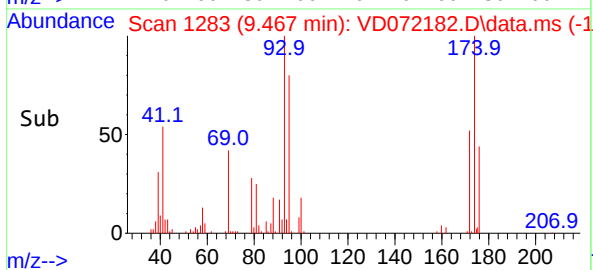
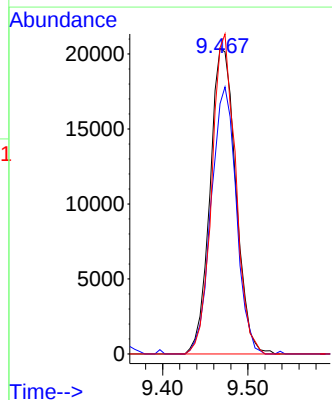
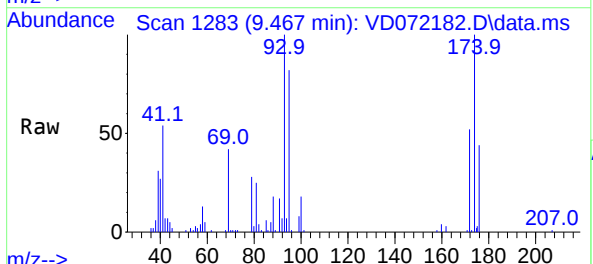
Manual Integrations
APPROVED

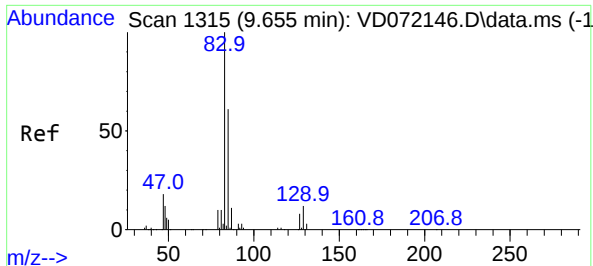
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#46
Dibromomethane
Concen: 20.558 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

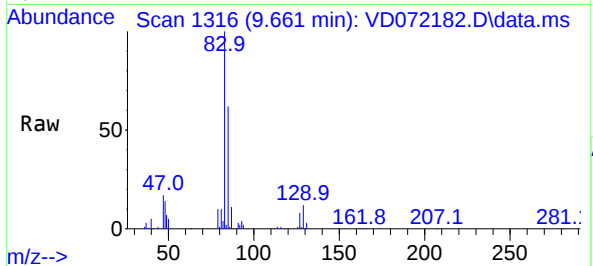
Tgt Ion: 93 Resp: 42790
Ion Ratio Lower Upper
93 100
95 84.8 66.7 100.1
174 96.2 71.6 107.4





#47
Bromodichloromethane
Concen: 20.743 ug/l
RT: 9.661 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

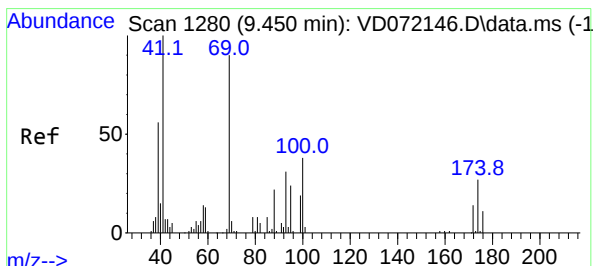
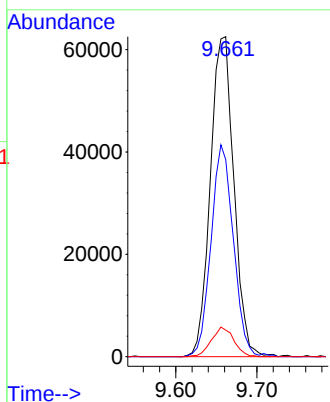
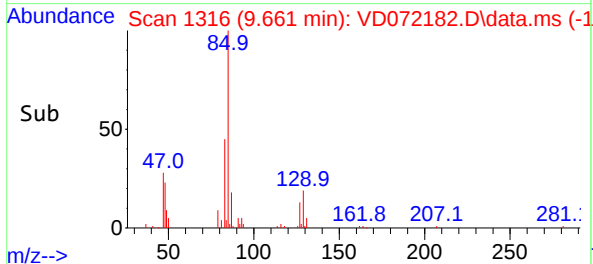
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



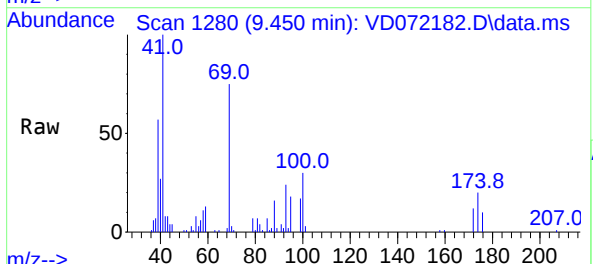
Tgt Ion: 83 Resp: 12586
Ion Ratio Lower Upper
83 100
85 61.6 51.4 77.0
127 8.3 6.1 9.1

Manual Integrations
APPROVED

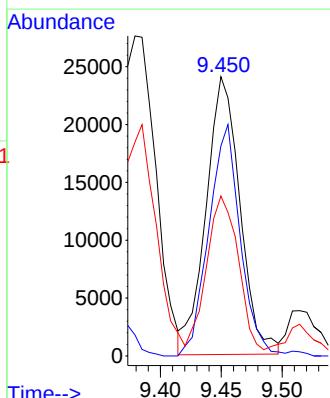
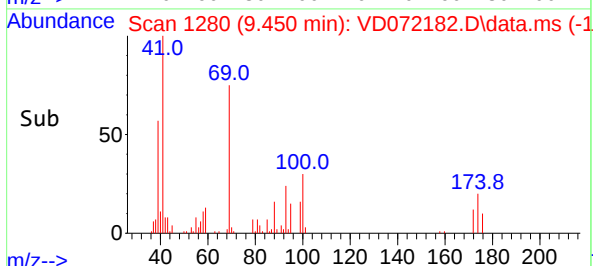
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

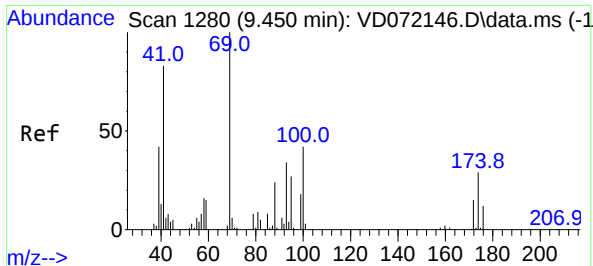


#48
Methyl methacrylate
Concen: 21.221 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04



Tgt Ion: 41 Resp: 46590
Ion Ratio Lower Upper
41 100
69 77.2 56.7 85.1
39 55.1 42.7 64.1





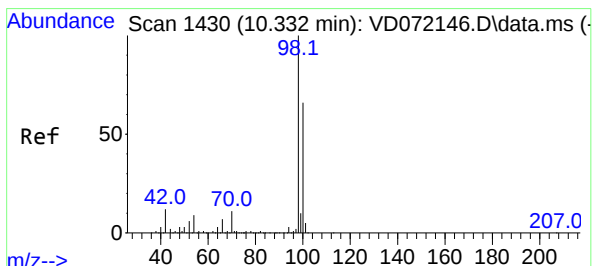
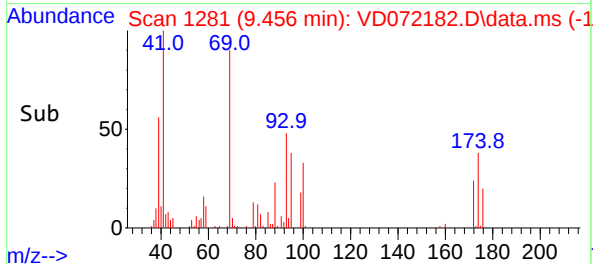
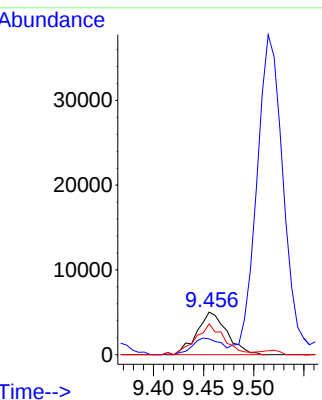
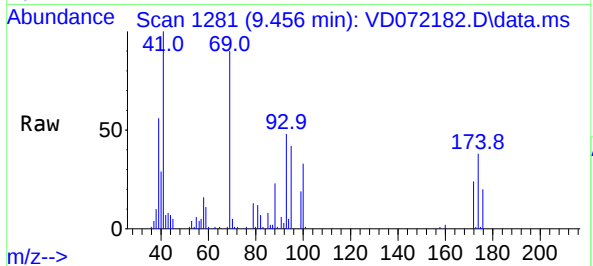
#49
1,4-Dioxane
Concen: 417.757 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

Tgt Ion: 88 Resp: 1042
Ion Ratio Lower Upper
88 100
43 37.6 31.0 46.4
58 69.1 58.1 87.1

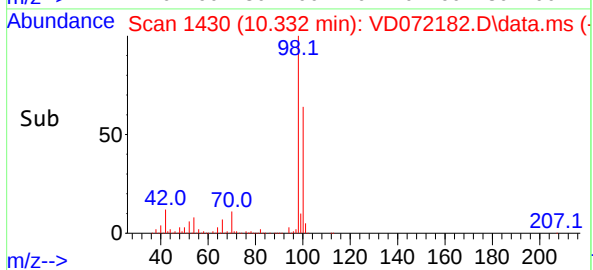
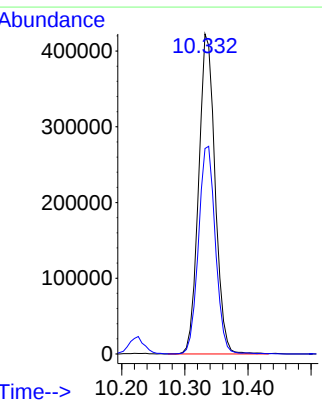
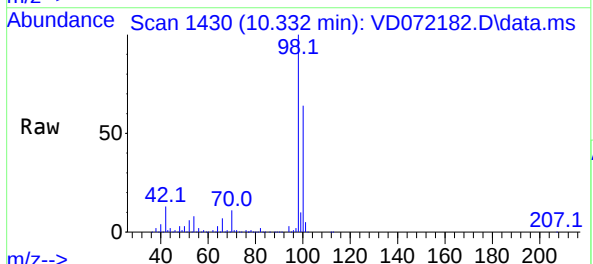
Manual Integrations
APPROVED

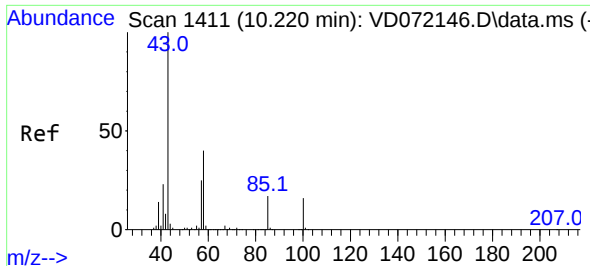
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#50
Toluene-d8
Concen: 54.181 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

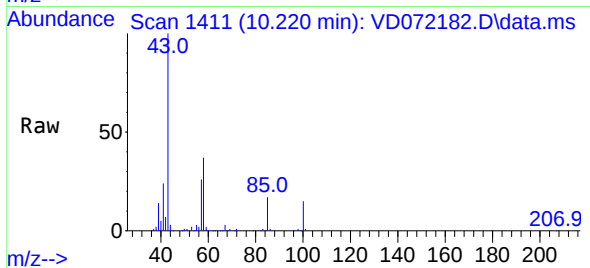
Tgt Ion: 98 Resp: 763718
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 104.025 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

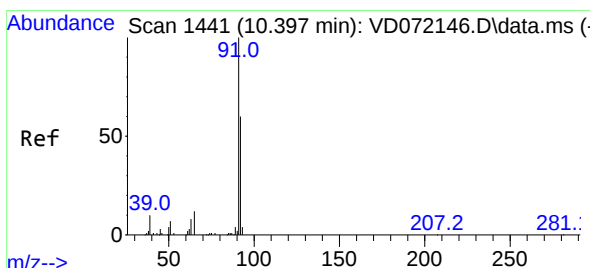
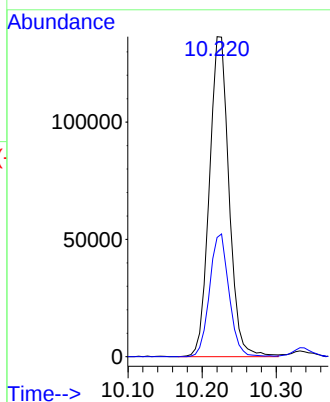
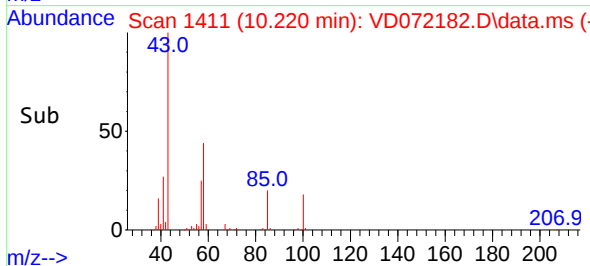
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



Tgt Ion: 43 Resp: 251217
Ion Ratio Lower Upper
43 100
58 38.0 28.6 43.0

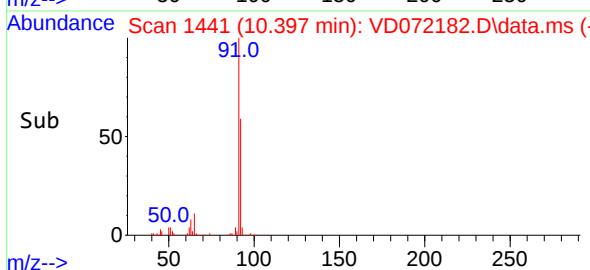
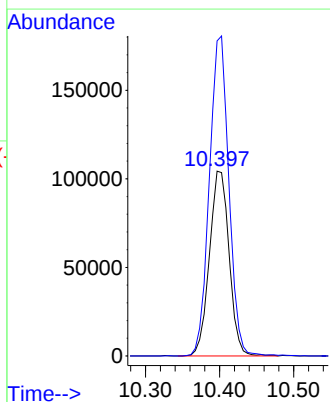
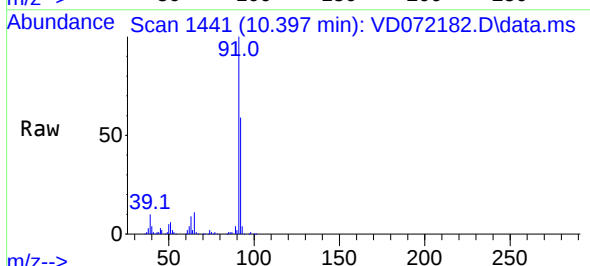
Manual Integrations
APPROVED

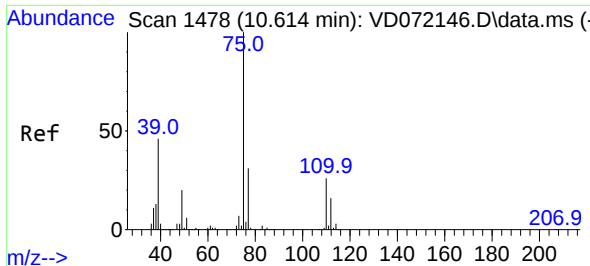
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#52
Toluene
Concen: 18.981 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

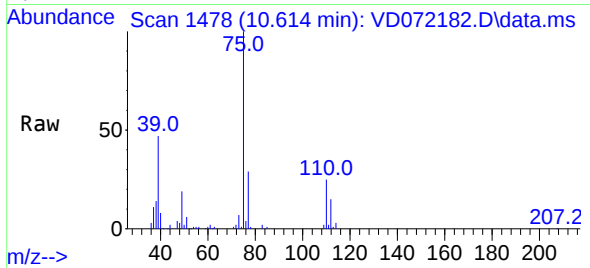
Tgt Ion: 92 Resp: 192698
Ion Ratio Lower Upper
92 100
91 171.3 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 19.449 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

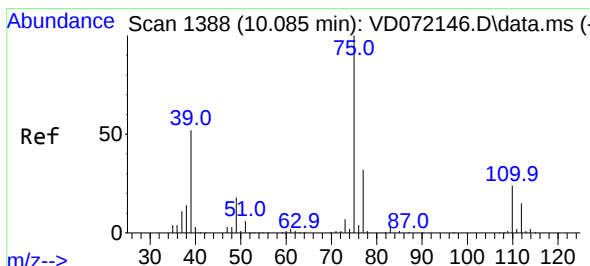
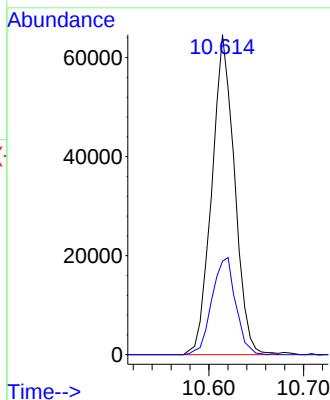
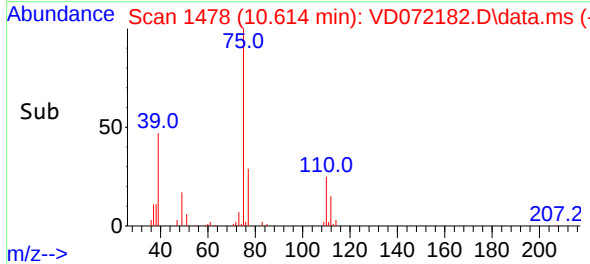
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



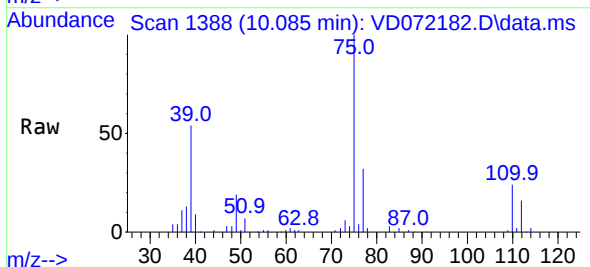
Tgt Ion: 75 Resp: 107819
Ion Ratio Lower Upper
75 100
77 29.2 24.5 36.7

Manual Integrations
APPROVED

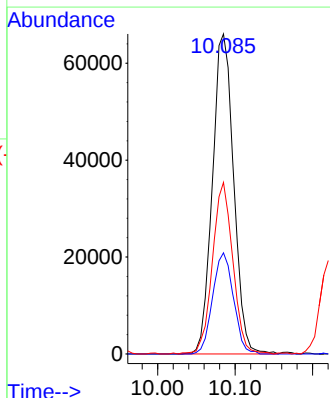
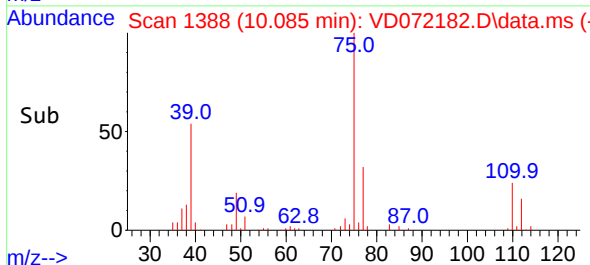
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

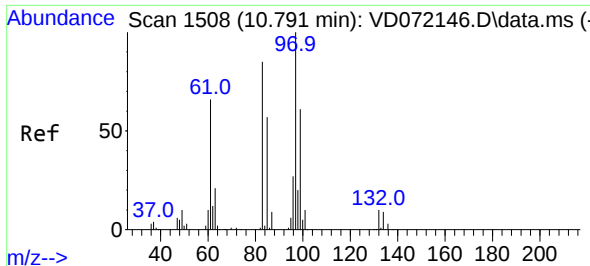


#54
cis-1,3-Dichloropropene
Concen: 19.598 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04



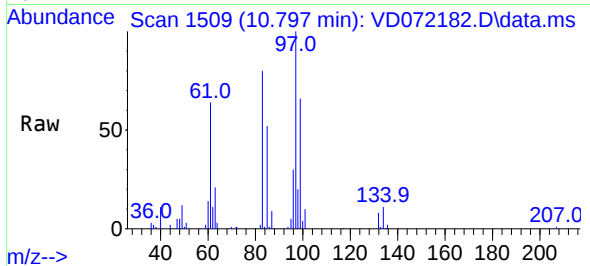
Tgt Ion: 75 Resp: 125597
Ion Ratio Lower Upper
75 100
77 31.6 24.8 37.2
39 53.6 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 21.132 ug/l
RT: 10.797 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

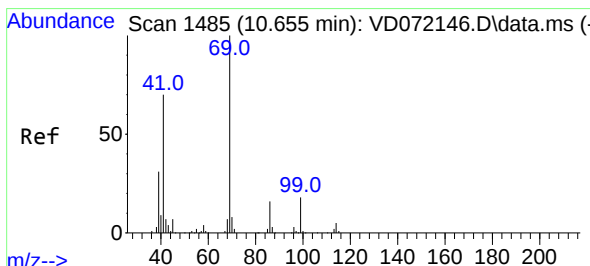
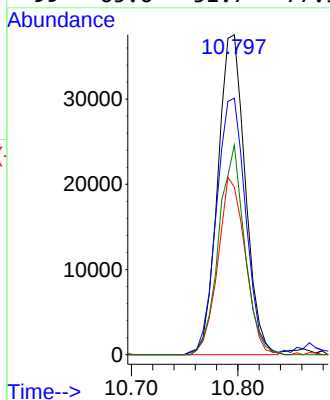
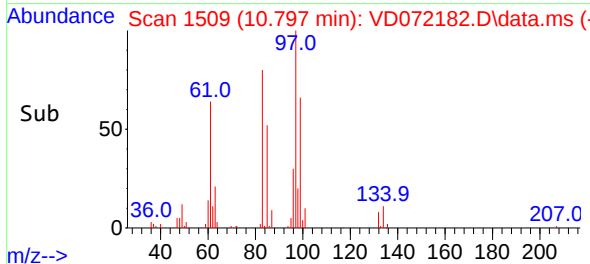


Tgt Ion: 97 Resp: 67004

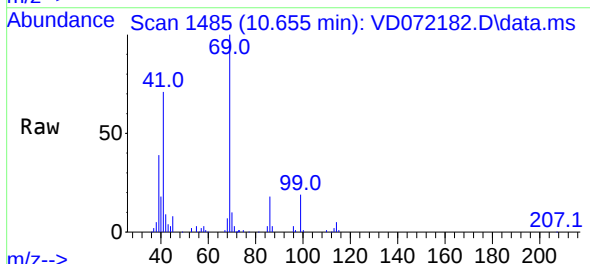
Ion	Ratio	Lower	Upper
97	100		
83	80.1	69.0	103.4
85	52.4	42.6	63.8
99	65.6	51.7	77.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

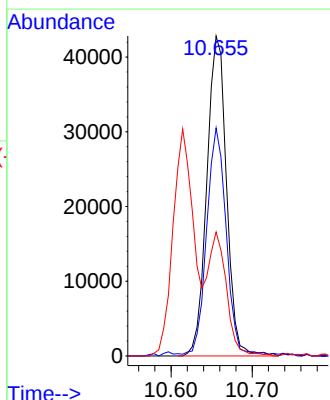
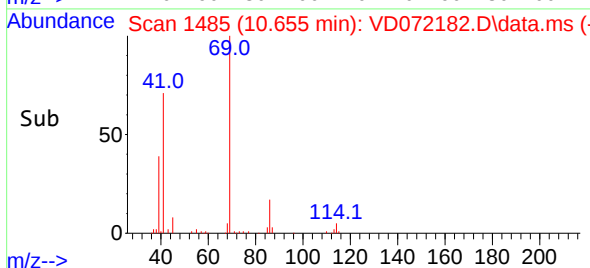


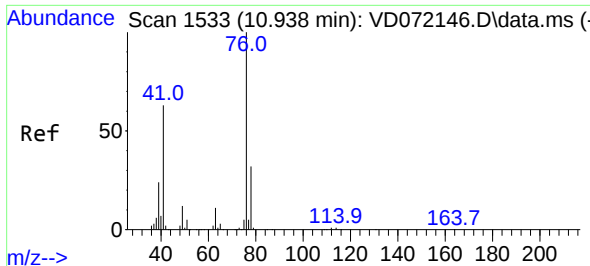
#56
Ethyl methacrylate
Concen: 19.419 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04



Tgt Ion: 69 Resp: 72117

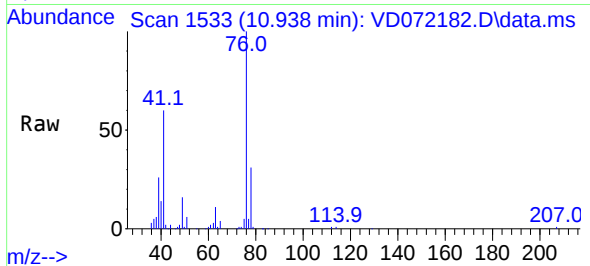
Ion	Ratio	Lower	Upper
69	100		
41	71.7	63.0	94.6
39	36.8	33.8	50.8





#57
1,3-Dichloropropane
Concen: 21.103 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

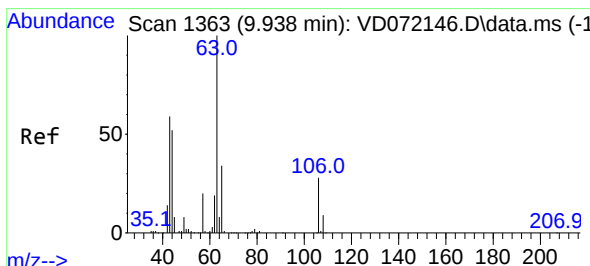
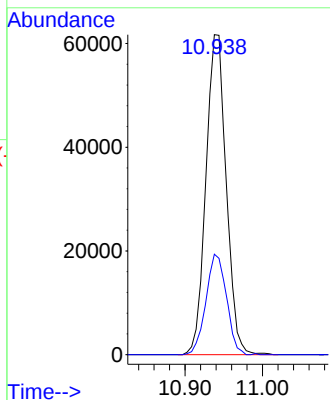
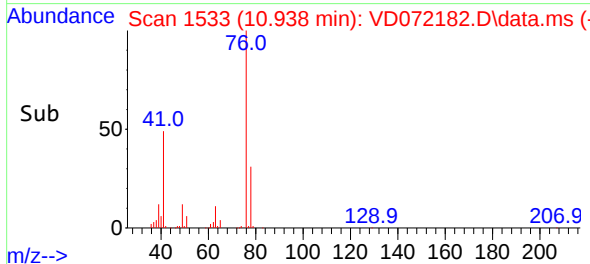
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



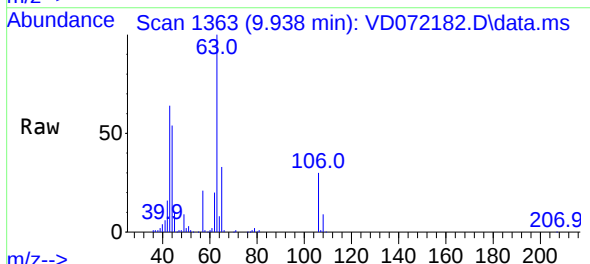
Tgt Ion: 76 Resp: 112297
Ion Ratio Lower Upper
76 100
78 31.7 26.0 39.0

Manual Integrations
APPROVED

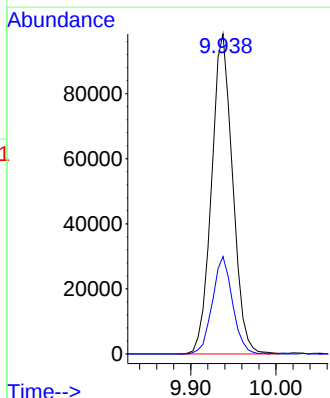
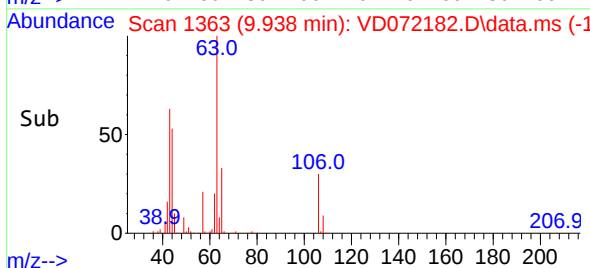
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

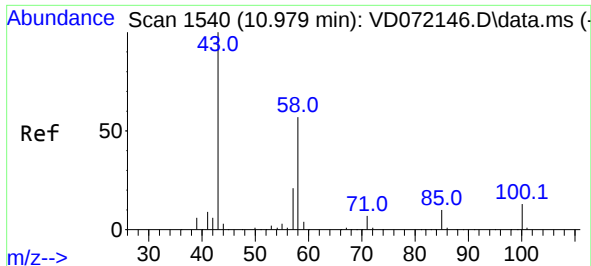


#58
2-Chloroethyl Vinyl ether
Concen: 101.228 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04



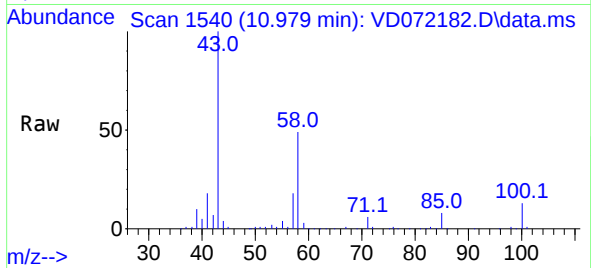
Tgt Ion: 63 Resp: 169033
Ion Ratio Lower Upper
63 100
106 29.1 21.4 32.0





#59
2-Hexanone
Concen: 105.237 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

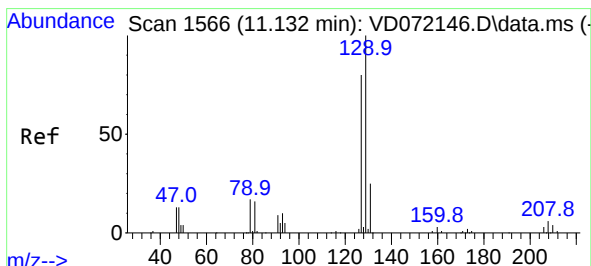
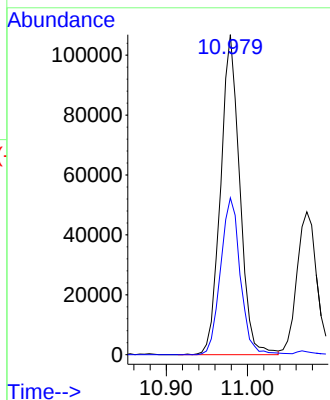
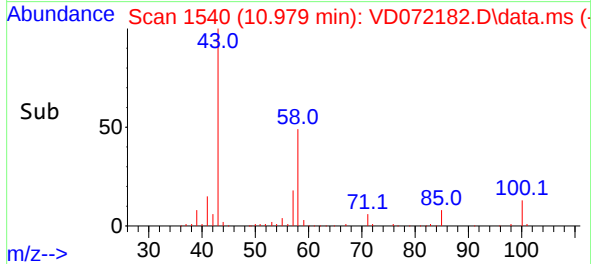
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



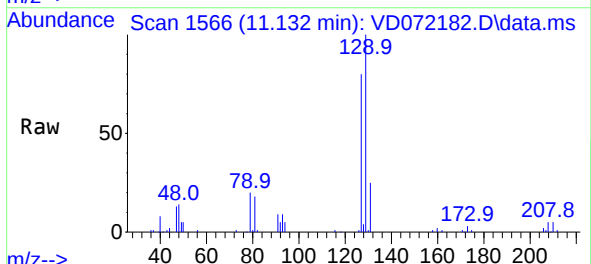
Tgt Ion: 43 Resp: 17553
Ion Ratio Lower Upper
43 100
58 50.5 25.3 75.9

Manual Integrations
APPROVED

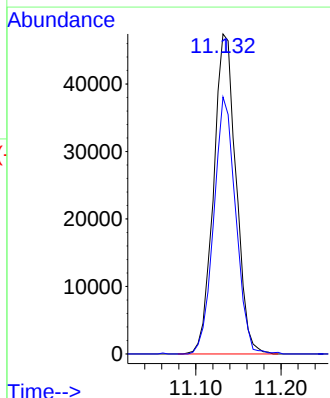
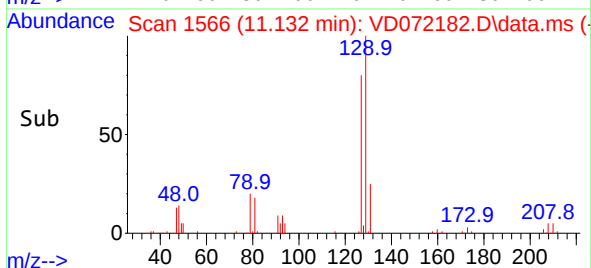
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

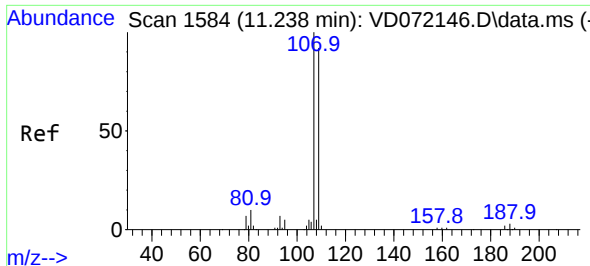


#60
Dibromochloromethane
Concen: 21.126 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04



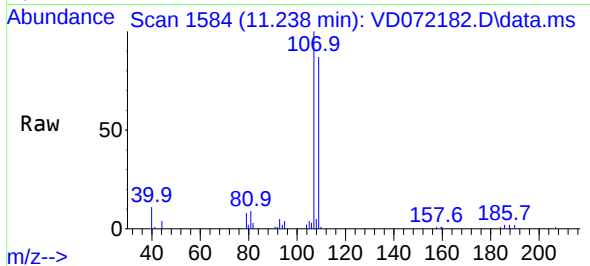
Tgt Ion:129 Resp: 86917
Ion Ratio Lower Upper
129 100
127 78.5 39.2 117.6





#61
1,2-Dibromoethane
Concen: 20.147 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

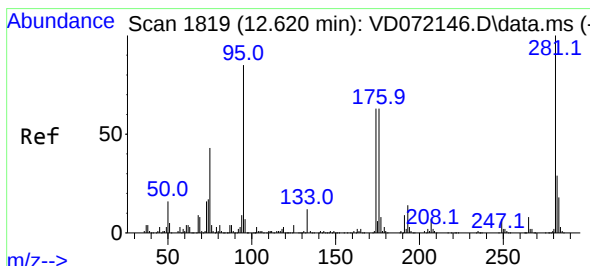
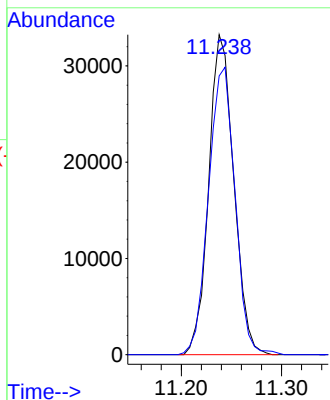
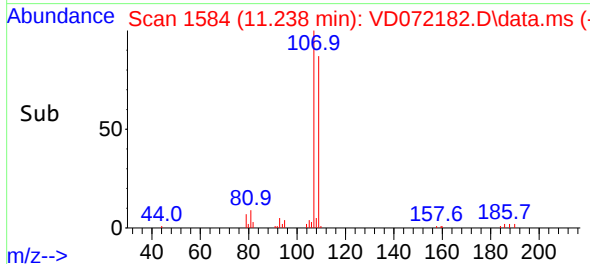
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



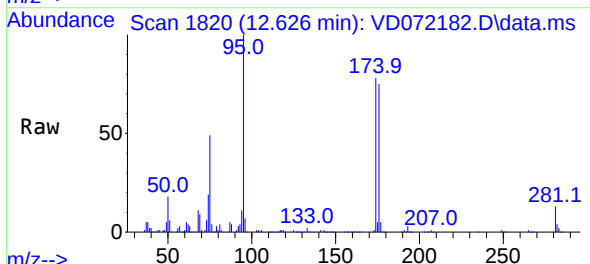
Tgt Ion:107 Resp: 5772
Ion Ratio Lower Upper
107 100
109 95.1 74.2 111.4

Manual Integrations
APPROVED

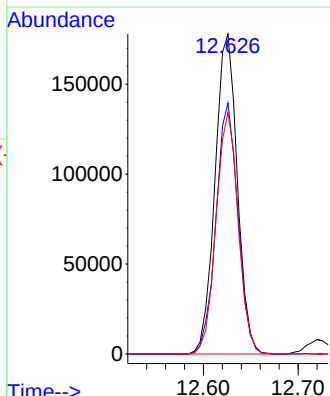
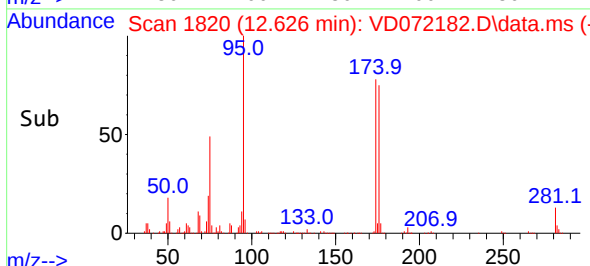
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#62
4-Bromofluorobenzene
Concen: 53.008 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04



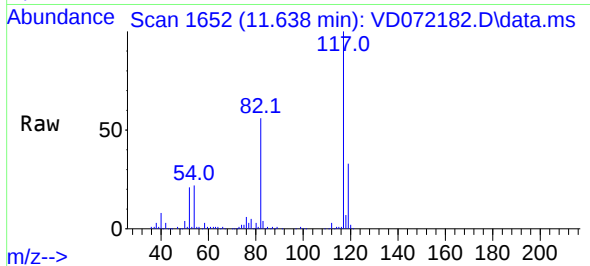
Tgt Ion: 95 Resp: 290324
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.8
176 74.8 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

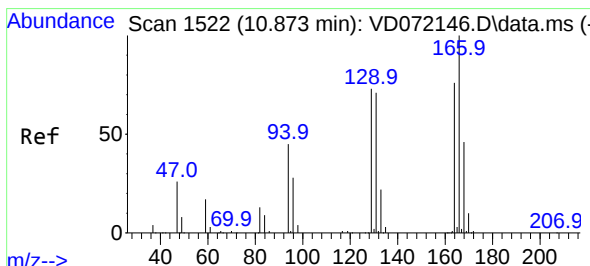
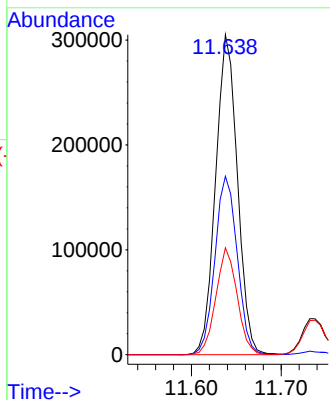
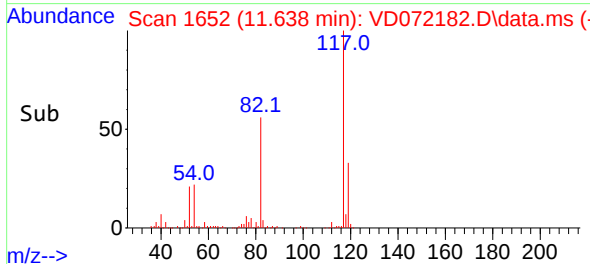
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



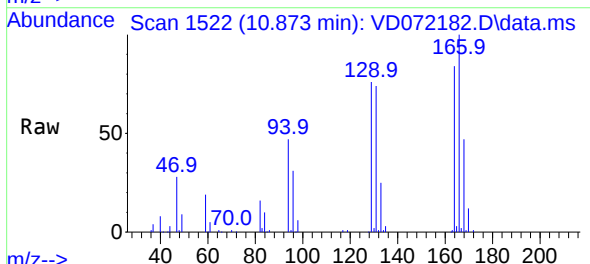
Tgt Ion:117 Resp: 515380
Ion Ratio Lower Upper
117 100
82 55.8 45.3 67.9
119 33.4 26.6 40.0

Manual Integrations
APPROVED

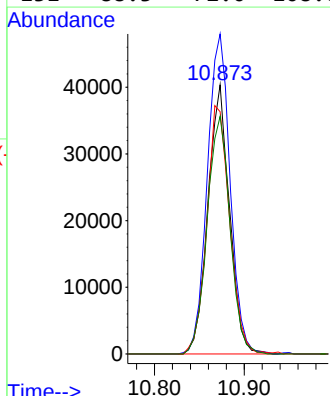
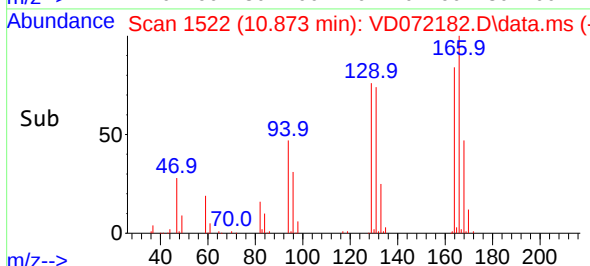
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

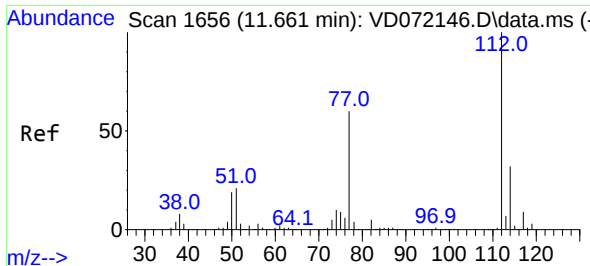


#64
Tetrachloroethene
Concen: 18.627 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04



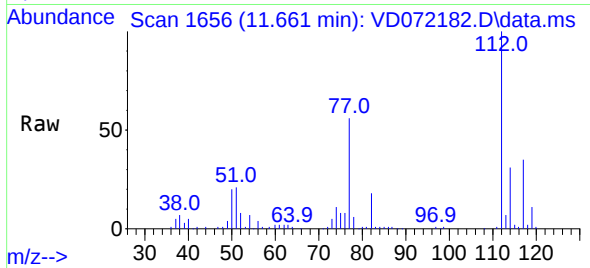
Tgt Ion:164 Resp: 67640
Ion Ratio Lower Upper
164 100
166 118.9 98.5 147.7
129 90.0 74.6 111.8
131 88.3 72.0 108.0





#65
Chlorobenzene
Concen: 19.849 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

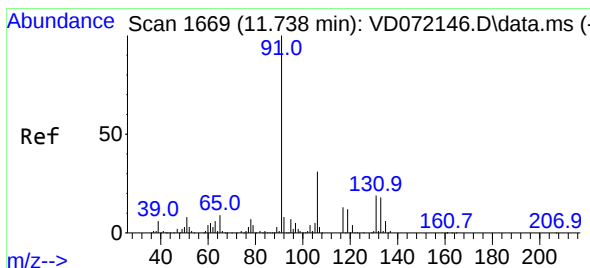
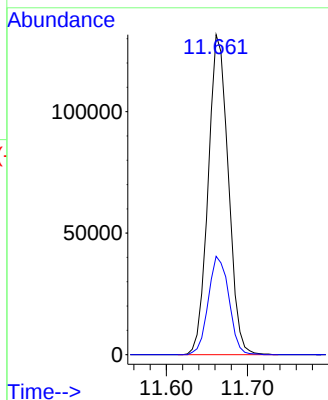
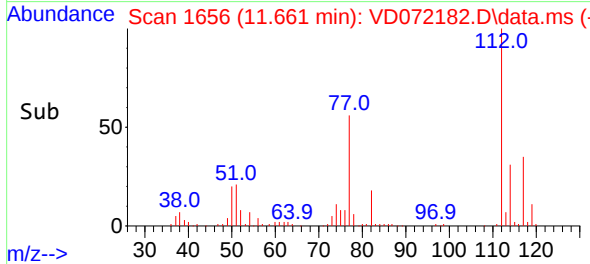
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



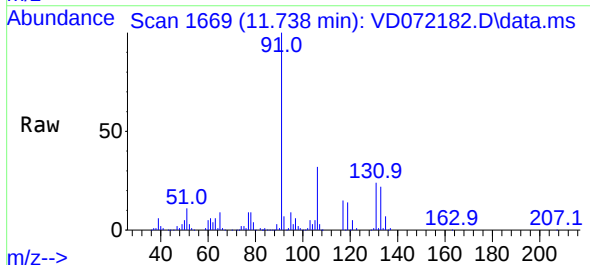
Tgt Ion:112 Resp: 226790
Ion Ratio Lower Upper
112 100
114 30.7 25.8 38.6

Manual Integrations
APPROVED

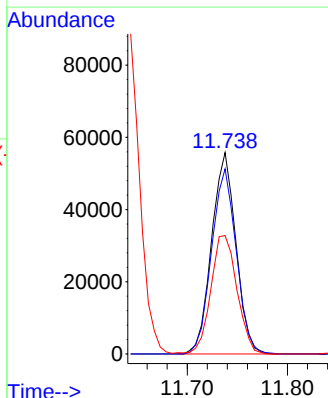
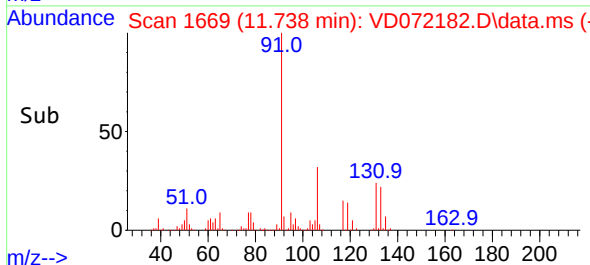
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

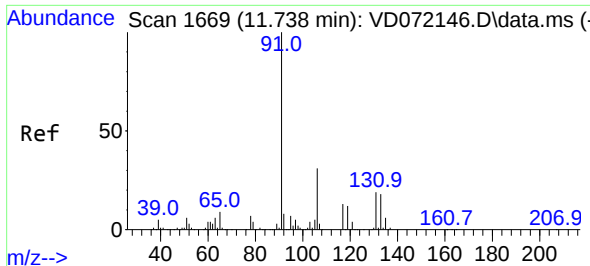


#66
1,1,1,2-Tetrachloroethane
Concen: 20.769 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04



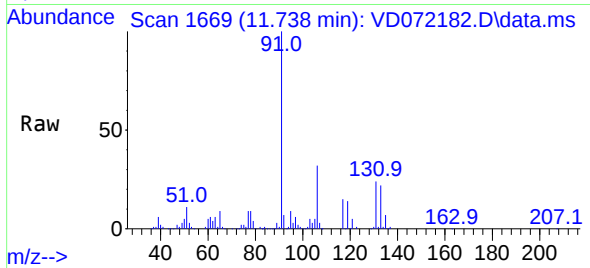
Tgt Ion:131 Resp: 93840
Ion Ratio Lower Upper
131 100
133 93.5 48.1 144.3
119 63.2 31.9 95.9





#67
Ethyl Benzene
Concen: 18.638 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

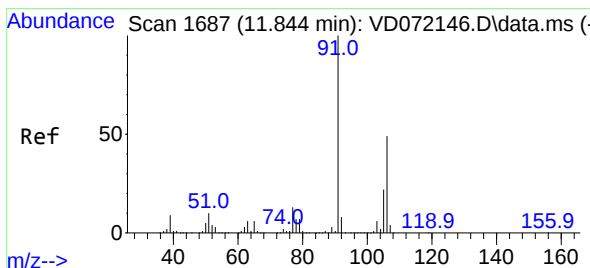
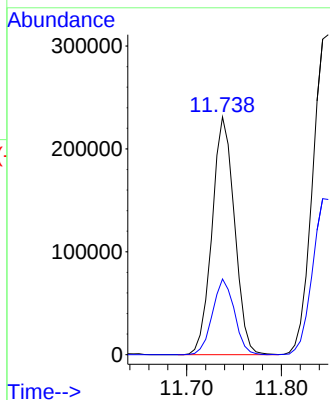
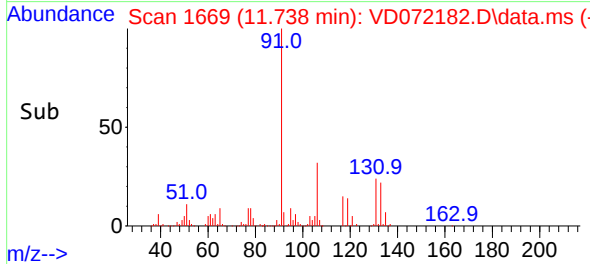
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



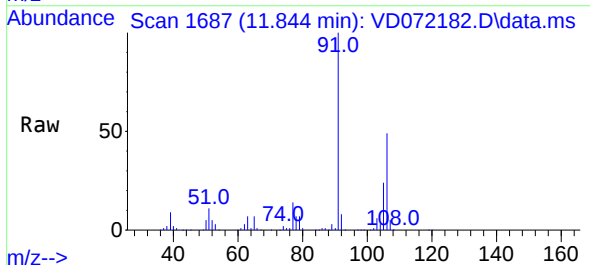
Tgt Ion: 91 Resp: 380339
Ion Ratio Lower Upper
91 100
106 31.9 24.2 36.4

Manual Integrations
APPROVED

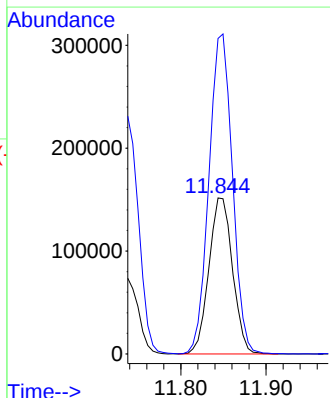
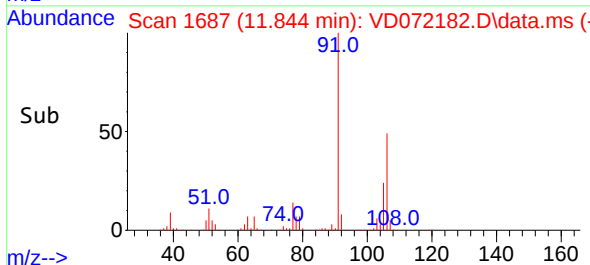
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

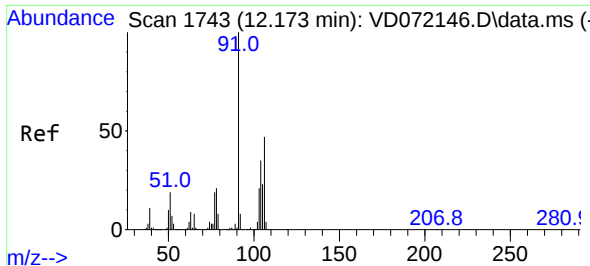


#68
m/p-Xylenes
Concen: 37.820 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04



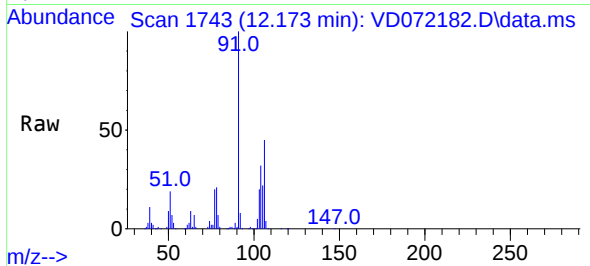
Tgt Ion:106 Resp: 293061
Ion Ratio Lower Upper
106 100
91 203.8 163.7 245.5





#69
o-Xylene
Concen: 18.524 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

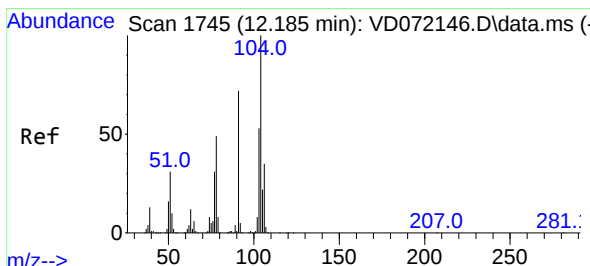
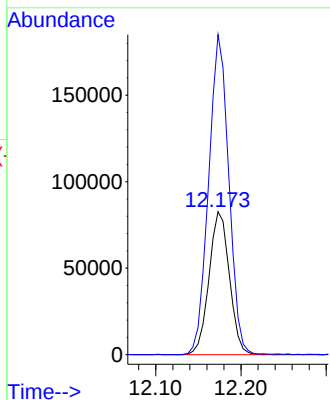
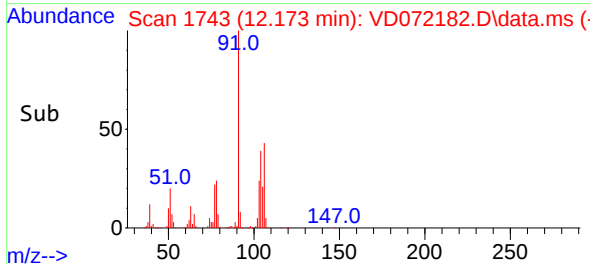
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



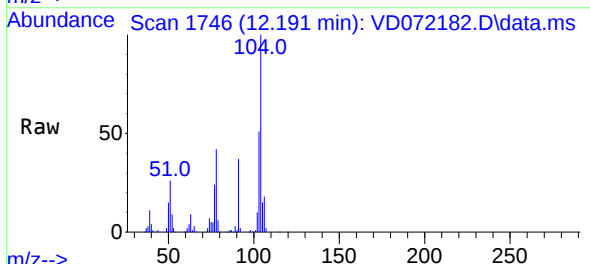
Tgt Ion:106 Resp: 137298
Ion Ratio Lower Upper
106 100
91 221.9 110.4 331.2

Manual Integrations
APPROVED

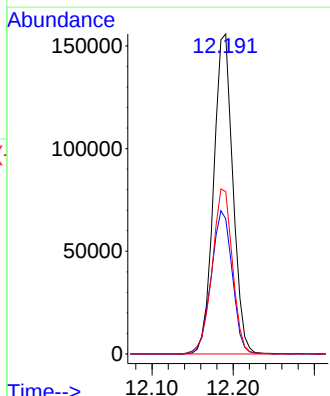
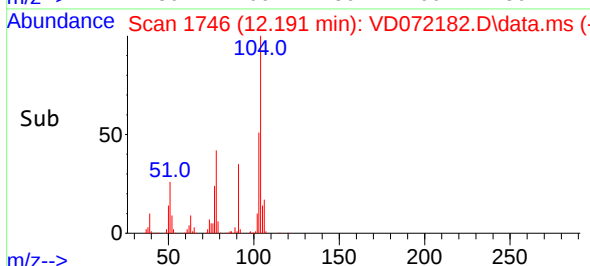
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

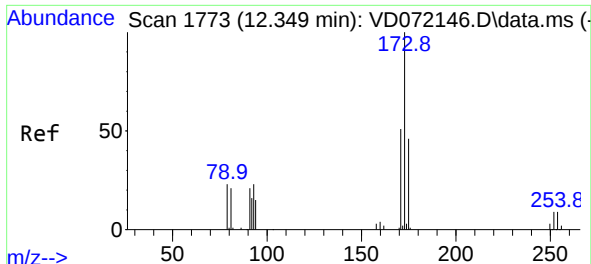


#70
Styrene
Concen: 19.848 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.006 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04



Tgt Ion:104 Resp: 256892
Ion Ratio Lower Upper
104 100
78 49.0 41.8 62.8
103 54.4 44.2 66.4





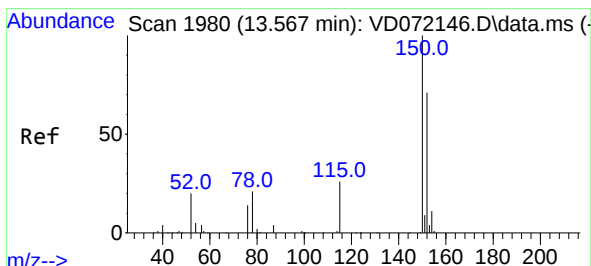
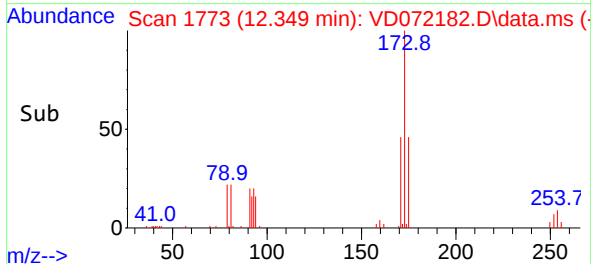
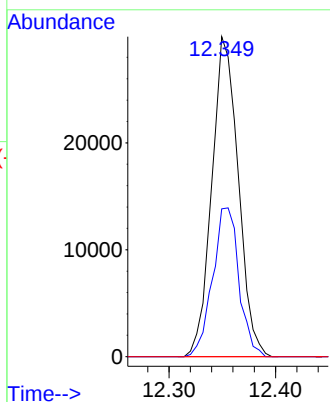
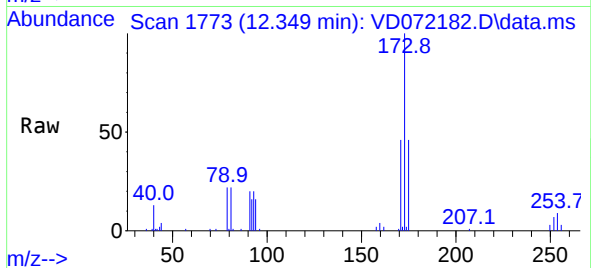
#71
Bromoform
Concen: 21.377 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

Tgt Ion:173 Resp: 5159
Ion Ratio Lower Upper
173 100
175 46.3 23.9 71.8
254 0.0 0.0 0.0

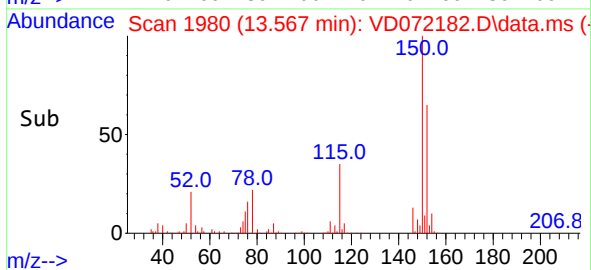
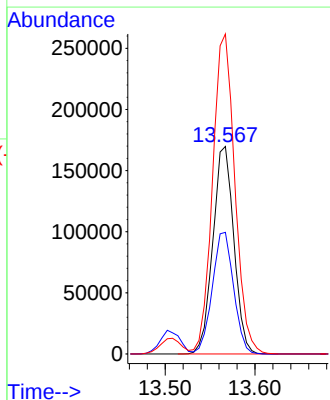
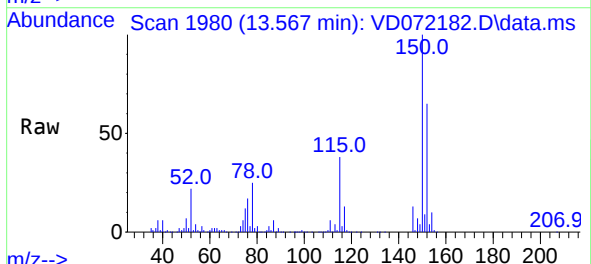
Manual Integrations
APPROVED

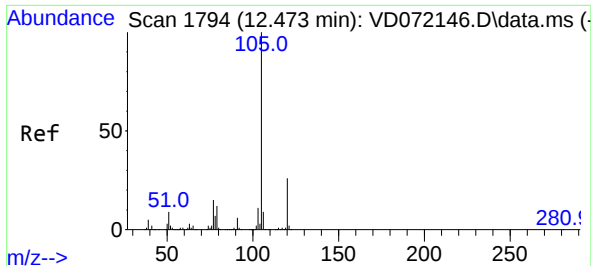
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

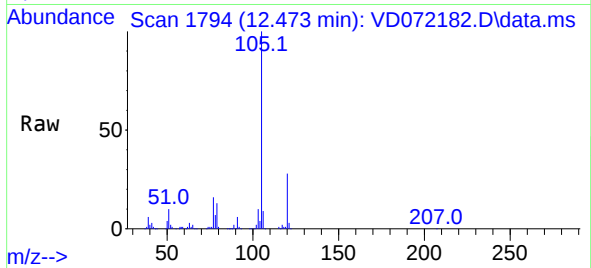
Tgt Ion:152 Resp: 275741
Ion Ratio Lower Upper
152 100
115 59.4 31.3 93.8
150 163.6 0.0 348.6





#73
Isopropylbenzene
Concen: 18.113 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

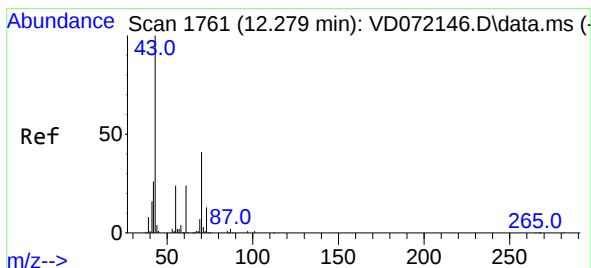
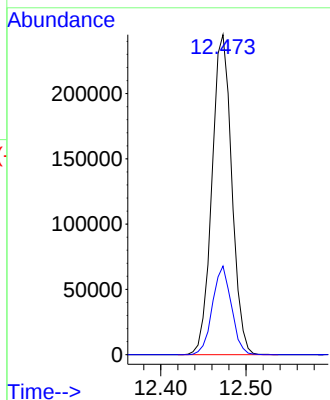
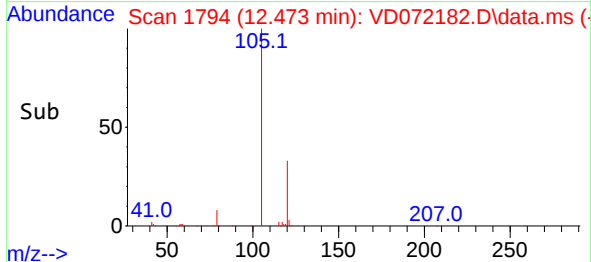
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



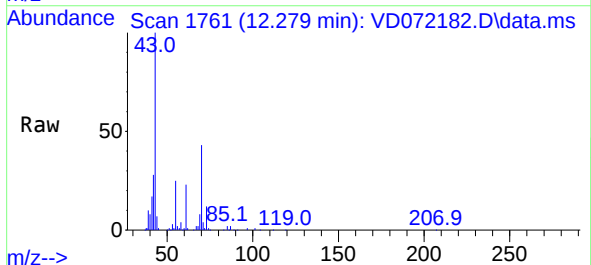
Tgt Ion:105 Resp: 395784
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9

Manual Integrations
APPROVED

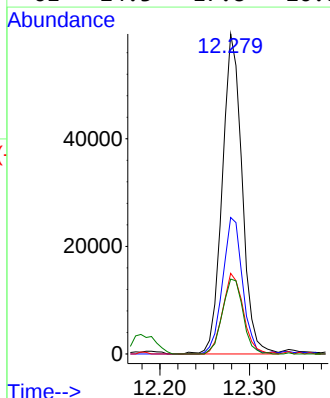
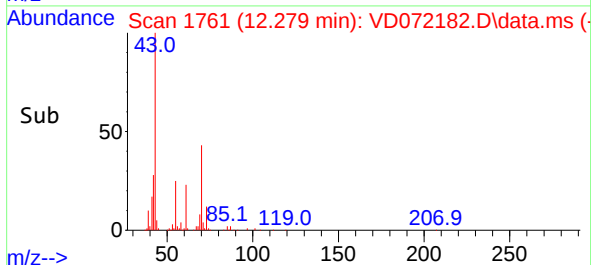
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

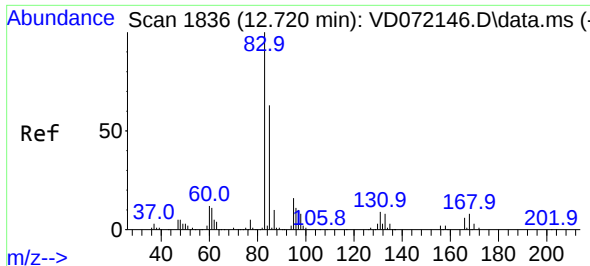


#74
N-ethyl acetate
Concen: 19.431 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04



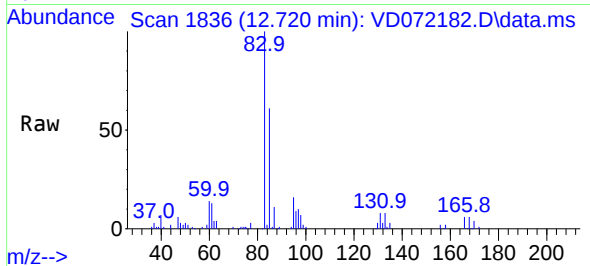
Tgt Ion: 43 Resp: 91242
Ion Ratio Lower Upper
43 100
70 42.6 31.3 46.9
55 26.0 20.0 30.0
61 24.3 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 20.406 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

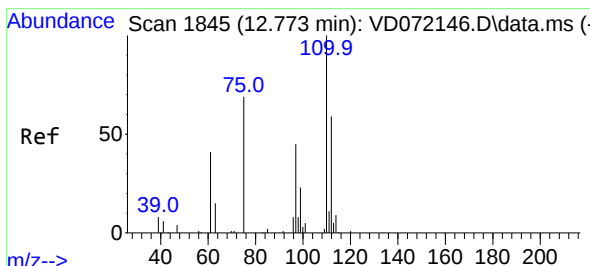
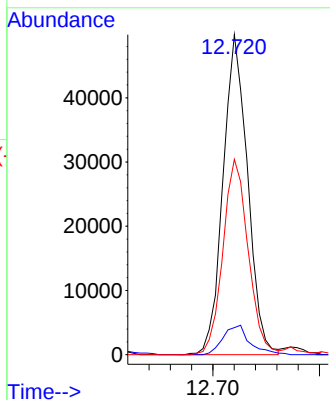
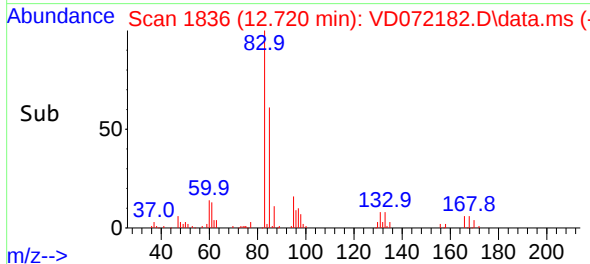
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



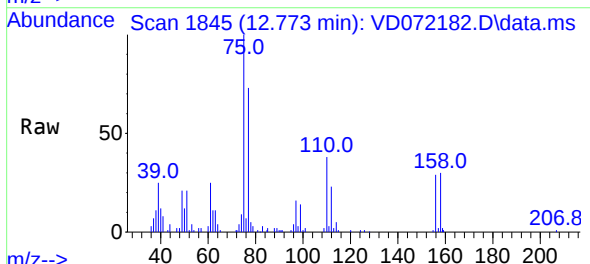
Tgt Ion: 83 Resp: 79748
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 62.8 32.6 98.0

Manual Integrations
APPROVED

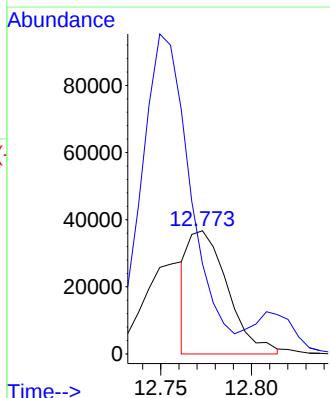
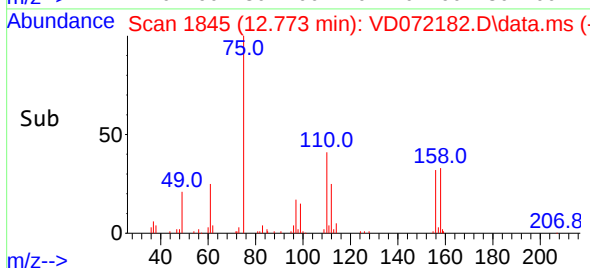
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

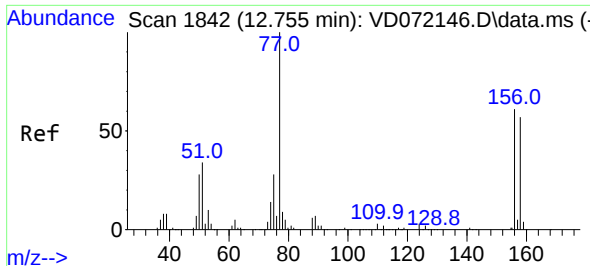


#76
1,2,3-Trichloropropane
Concen: 18.123 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04



Tgt Ion: 75 Resp: 55125
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





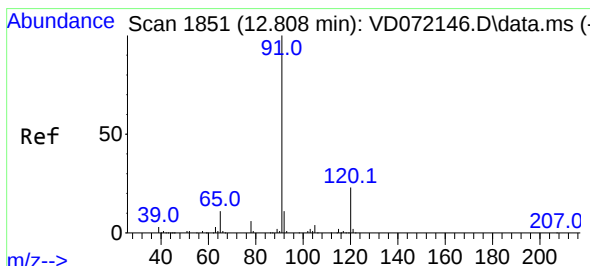
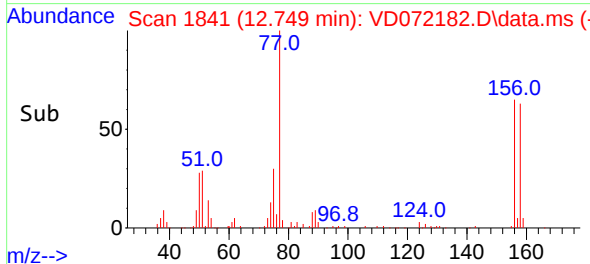
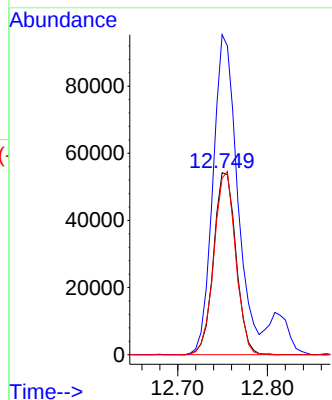
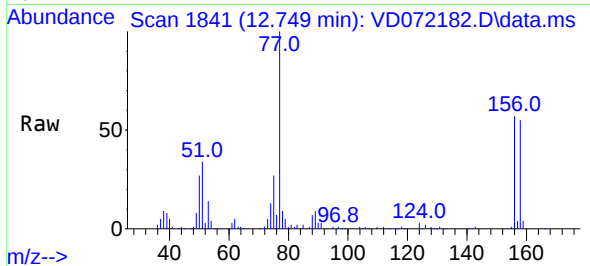
#77
Bromobenzene
Concen: 19.113 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

Tgt Ion:156 Resp: 9400
Ion Ratio Lower Upper
156 100
77 191.4 102.8 308.3
158 97.6 48.7 146.1

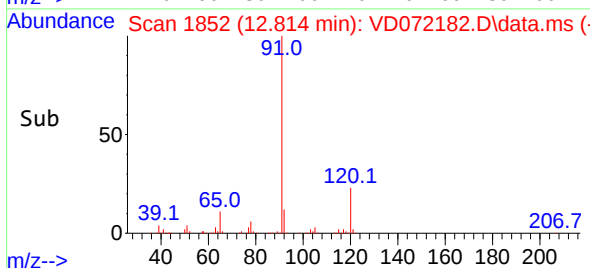
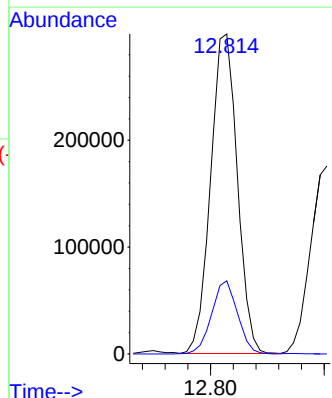
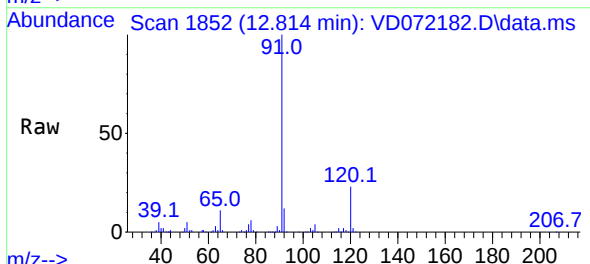
Manual Integrations
APPROVED

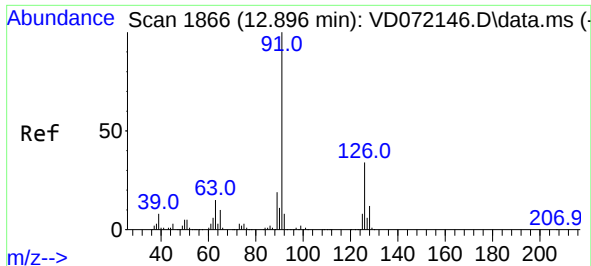
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#78
n-propylbenzene
Concen: 18.378 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

Tgt Ion: 91 Resp: 487768
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.9





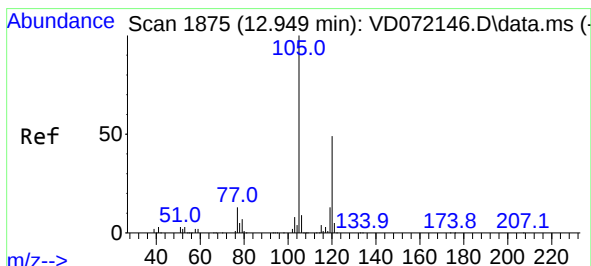
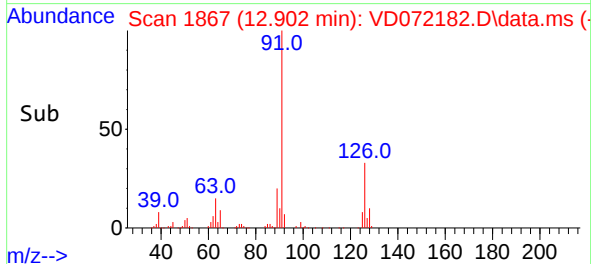
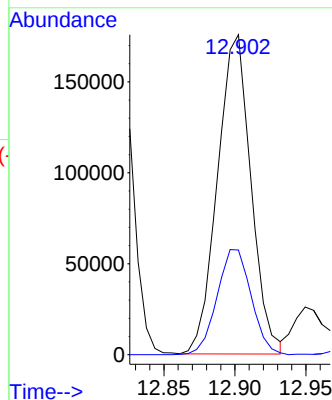
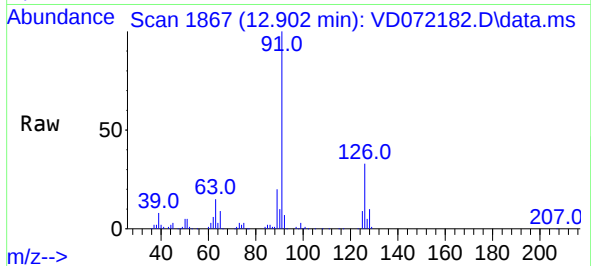
#79
2-Chlorotoluene
Concen: 18.782 ug/l
RT: 12.902 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

Tgt Ion: 91 Resp: 288260
Ion Ratio Lower Upper
91 100
126 33.6 16.2 48.6

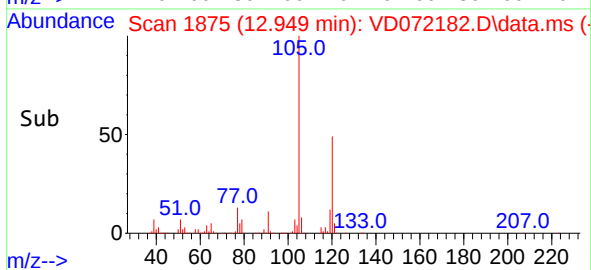
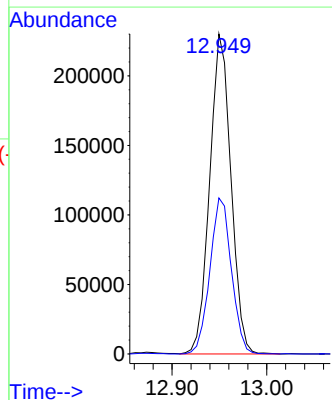
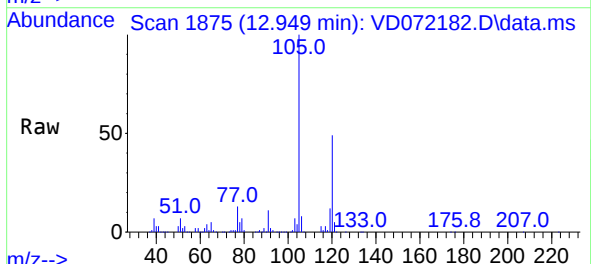
Manual Integrations
APPROVED

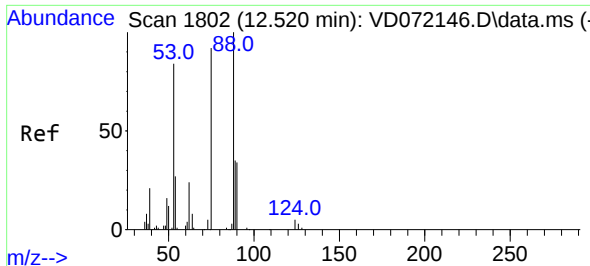
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.094 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

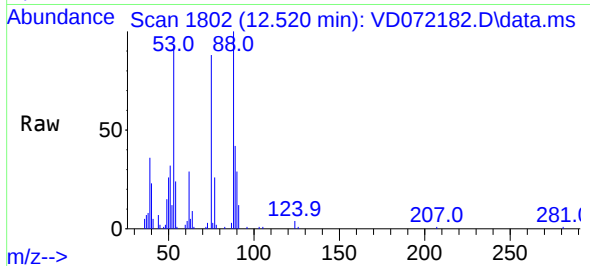
Tgt Ion:105 Resp: 358430
Ion Ratio Lower Upper
105 100
120 49.4 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 19.588 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

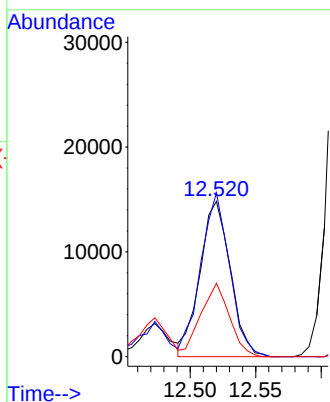
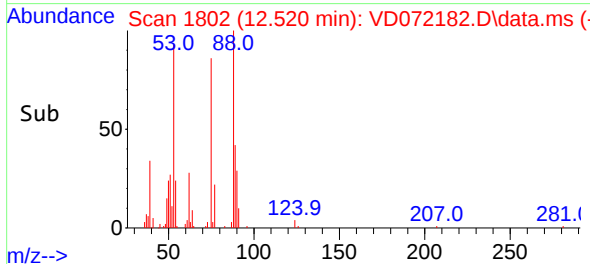
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



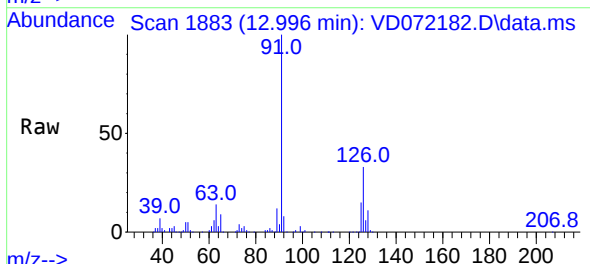
Tgt Ion: 75 Resp: 24014
Ion Ratio Lower Upper
75 100
53 100.4 86.5 129.7
89 44.7 33.9 50.9

Manual Integrations
APPROVED

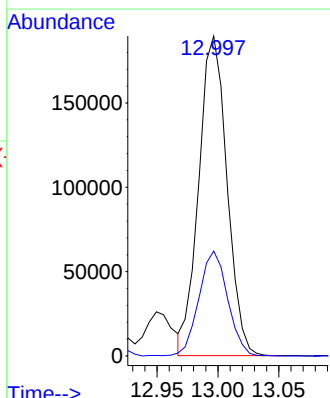
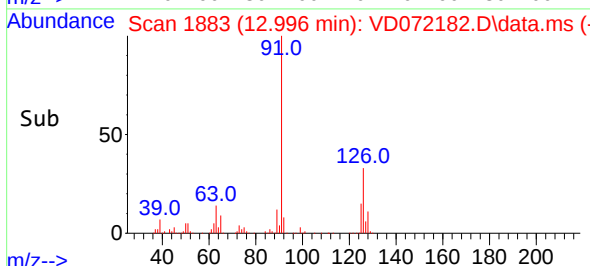
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

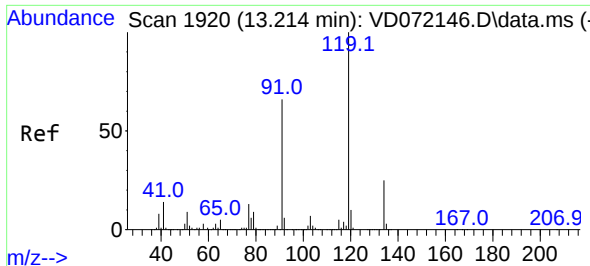


#82
4-Chlorotoluene
Concen: 19.259 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04



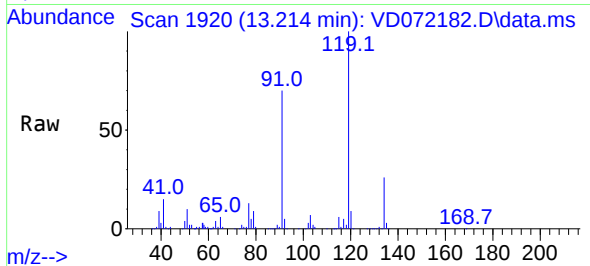
Tgt Ion: 91 Resp: 306048
Ion Ratio Lower Upper
91 100
126 33.5 16.5 49.5





#83
tert-Butylbenzene
Concen: 18.432 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

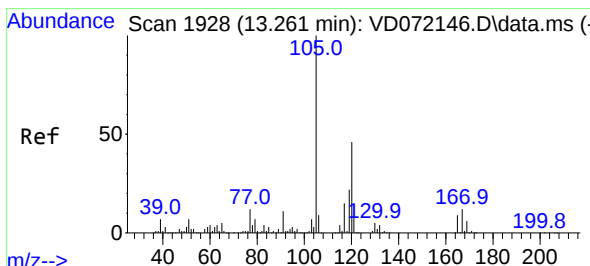
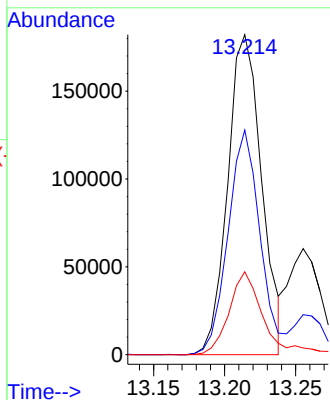
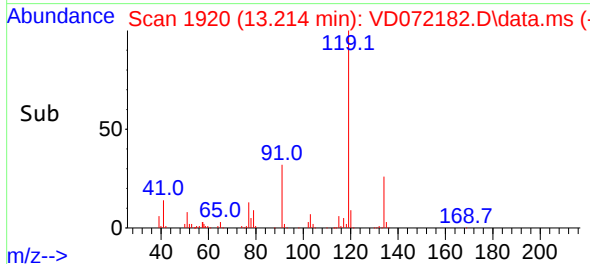
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



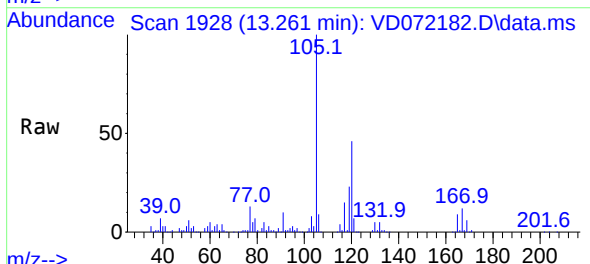
Tgt Ion:119 Resp: 303359
Ion Ratio Lower Upper
119 100
91 66.7 34.8 104.5
134 26.1 13.3 39.9

Manual Integrations
APPROVED

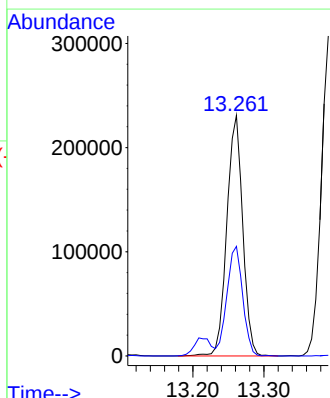
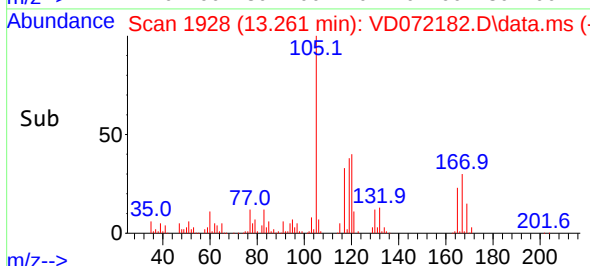
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

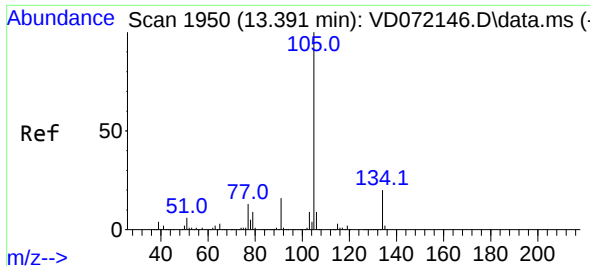


#84
1,2,4-Trimethylbenzene
Concen: 19.360 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04



Tgt Ion:105 Resp: 358091
Ion Ratio Lower Upper
105 100
120 45.3 22.3 66.8





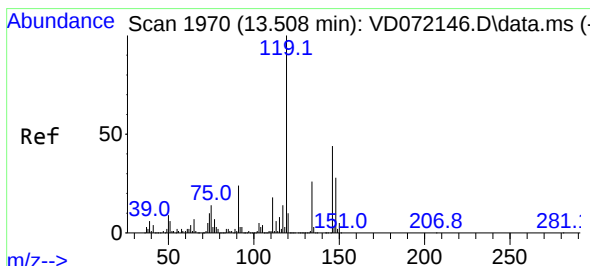
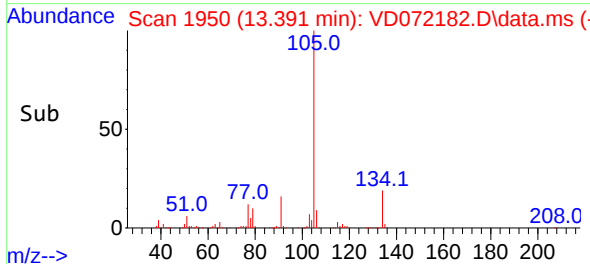
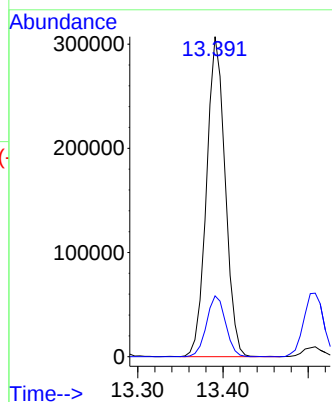
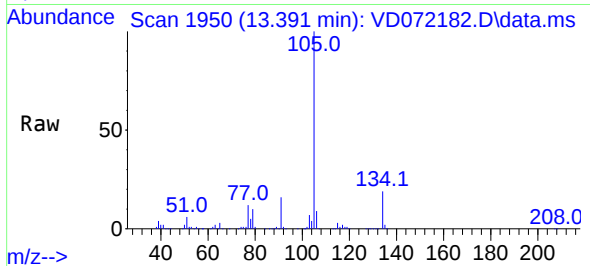
#85
 sec-Butylbenzene
 Concen: 18.843 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072182.D
 Acq: 15 Mar 2022 12:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBS01

Tgt Ion:105 Resp: 46571
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

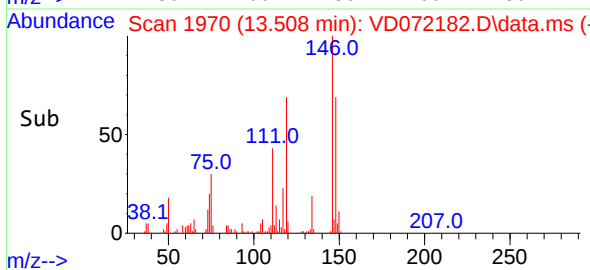
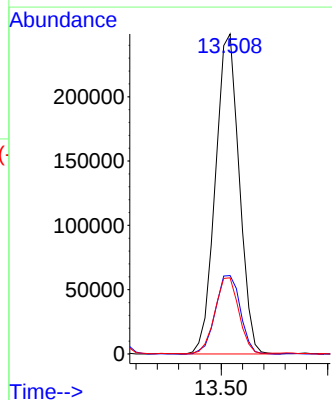
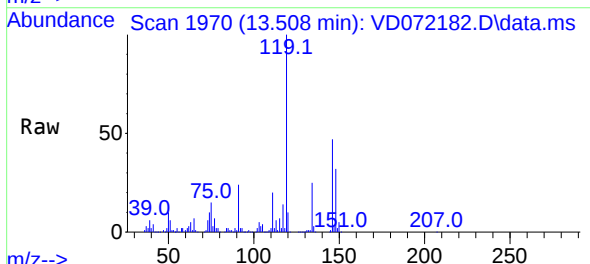
Manual Integrations
 APPROVED

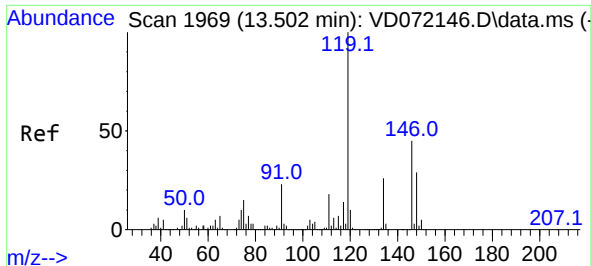
Reviewed By :John Carlone 03/16/2022
 Supervised By :Mahesh Dadoda 03/17/2022



#86
 p-Isopropyltoluene
 Concen: 18.964 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD072182.D
 Acq: 15 Mar 2022 12:04

Tgt Ion:119 Resp: 385686
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 23.8 12.1 36.3





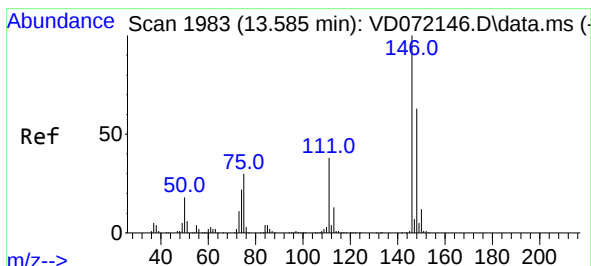
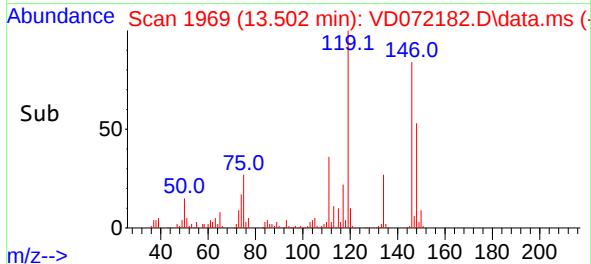
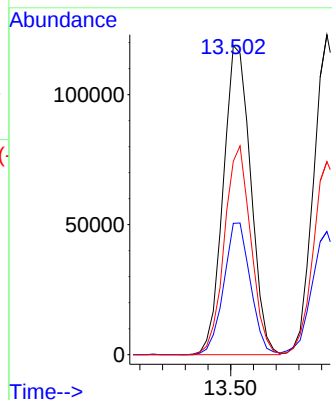
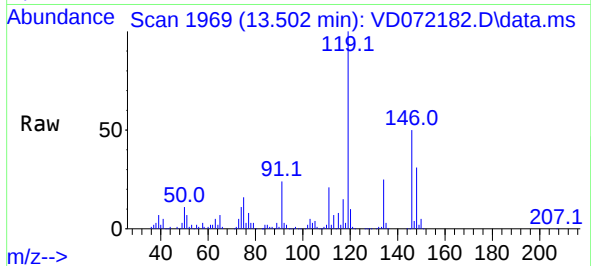
#87
1,3-Dichlorobenzene
Concen: 19.377 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

Tgt Ion:146 Resp: 199724
Ion Ratio Lower Upper
146 100
111 41.5 20.4 61.3
148 65.1 31.9 95.7

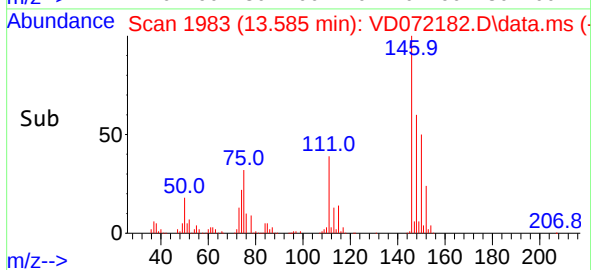
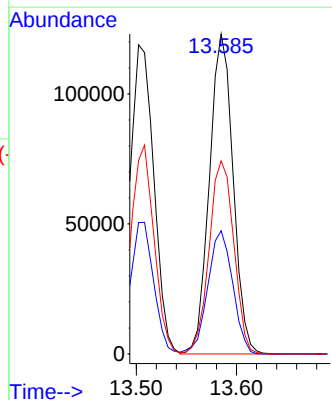
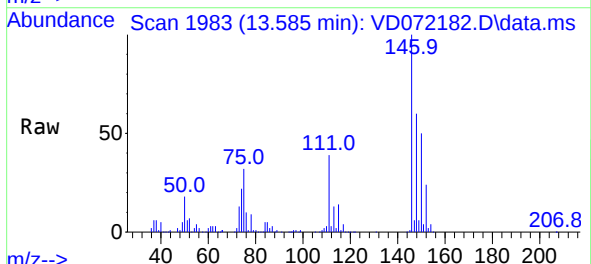
Manual Integrations
APPROVED

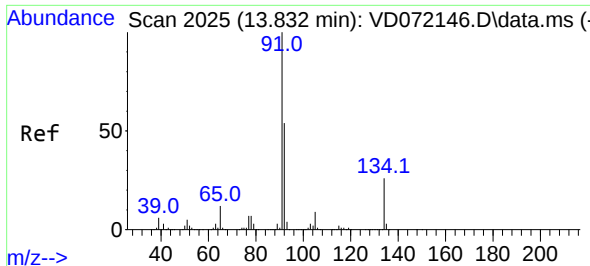
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#88
1,4-Dichlorobenzene
Concen: 19.756 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

Tgt Ion:146 Resp: 201924
Ion Ratio Lower Upper
146 100
111 40.6 20.3 60.9
148 63.1 31.7 95.1





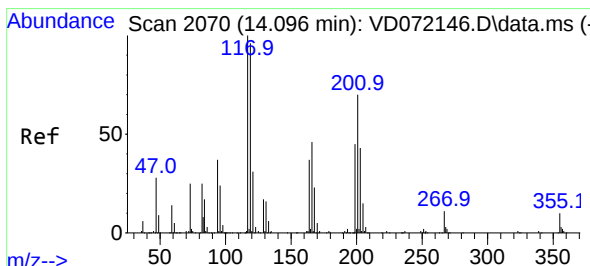
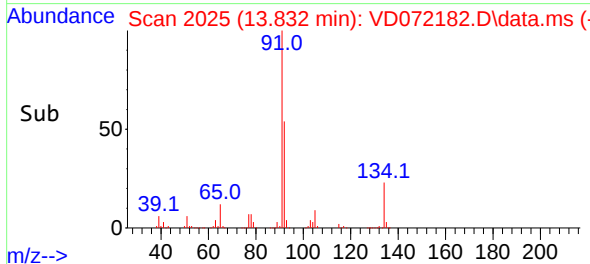
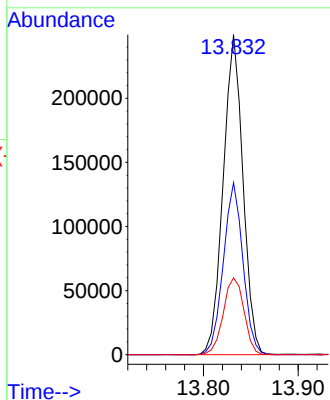
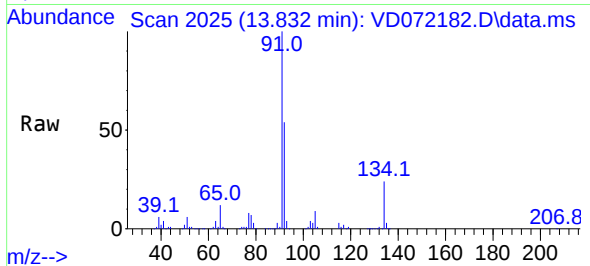
#89
n-Butylbenzene
Concen: 18.711 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

Tgt Ion: 91 Resp: 362725
Ion Ratio Lower Upper
91 100
92 53.3 26.6 79.8
134 25.0 12.3 36.9

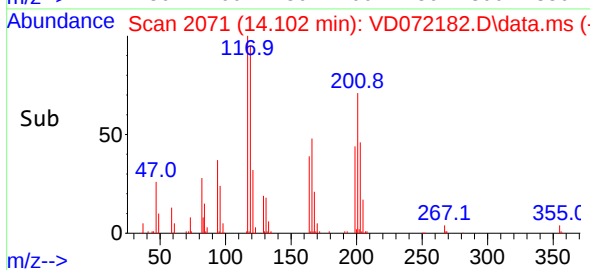
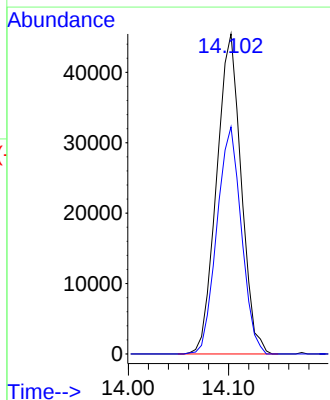
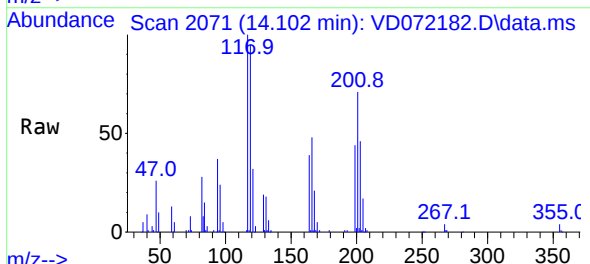
Manual Integrations
APPROVED

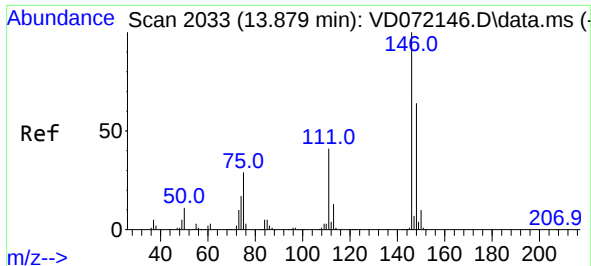
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#90
Hexachloroethane
Concen: 19.375 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

Tgt Ion:117 Resp: 77229
Ion Ratio Lower Upper
117 100
201 70.6 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 19.947 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VD072182.D

Acq: 15 Mar 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS01

Tgt Ion:146 Resp: 17925

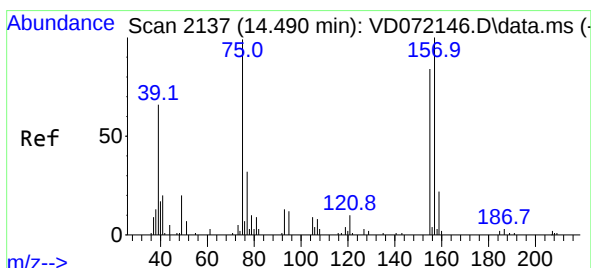
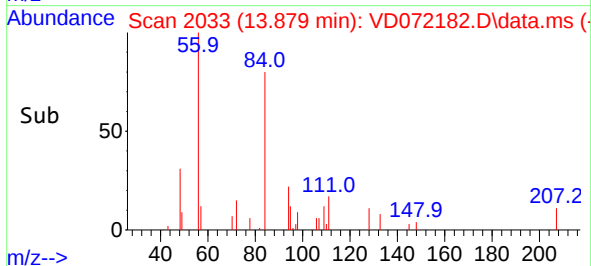
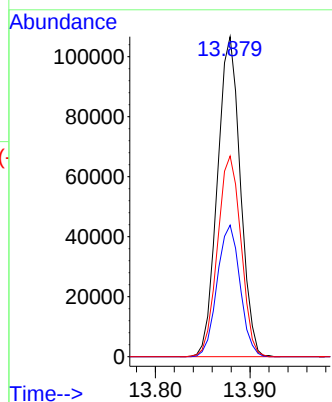
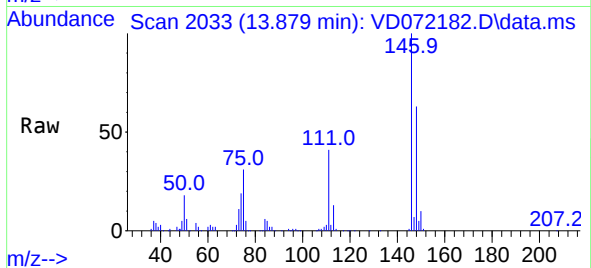
Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.1	63.3
148	64.2	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2022

Supervised By :Mahesh Dadoda 03/17/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.911 ug/l

RT: 14.491 min Scan# 2137

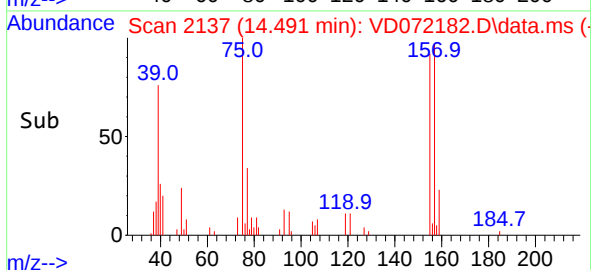
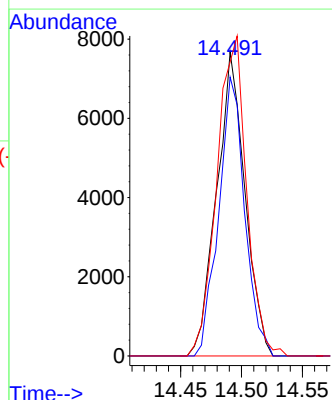
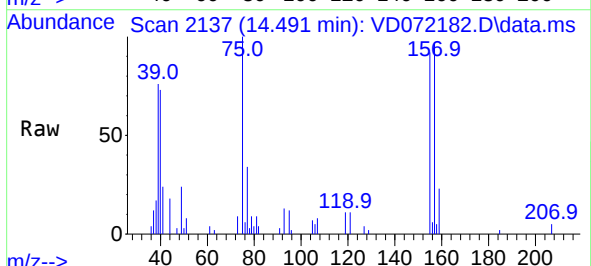
Delta R.T. 0.000 min

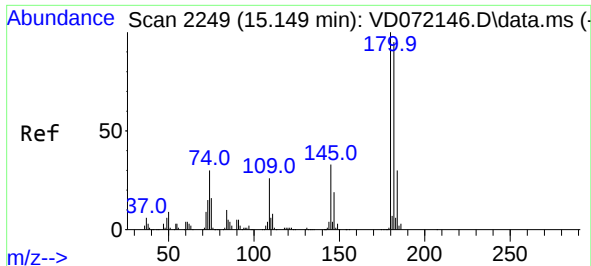
Lab File: VD072182.D

Acq: 15 Mar 2022 12:04

Tgt Ion: 75 Resp: 12418

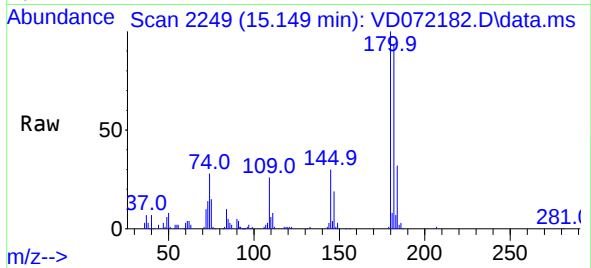
Ion	Ratio	Lower	Upper
75	100		
155	84.4	36.8	110.3
157	110.7	48.4	145.0





#93
1,2,4-Trichlorobenzene
Concen: 19.311 ug/l
RT: 15.149 min Scan# 2148
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

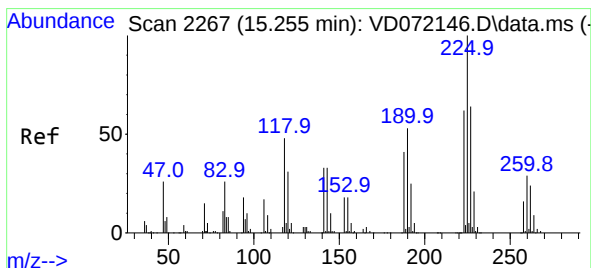
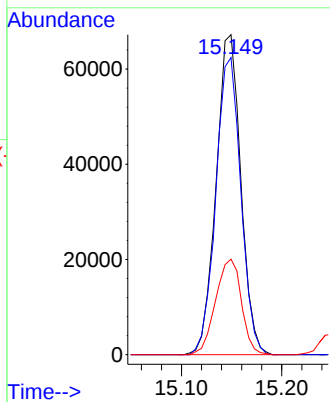
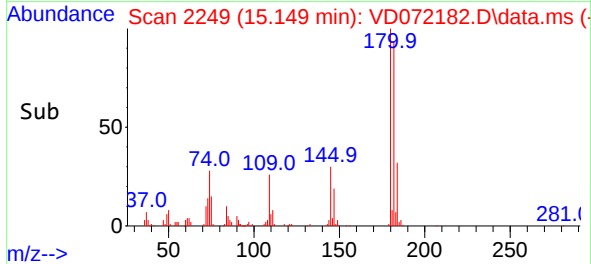
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



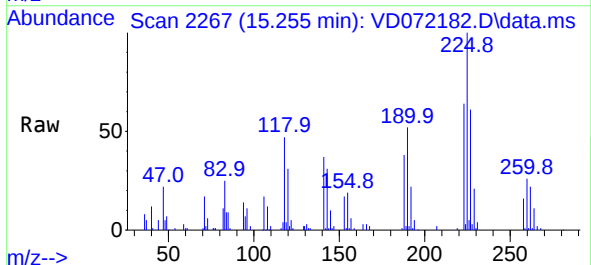
Tgt Ion:180 Resp: 114892
Ion Ratio Lower Upper
180 100
182 93.9 47.3 142.0
145 31.2 16.2 48.5

Manual Integrations
APPROVED

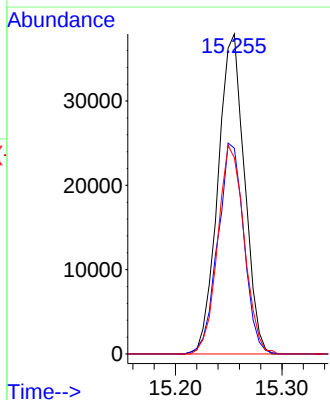
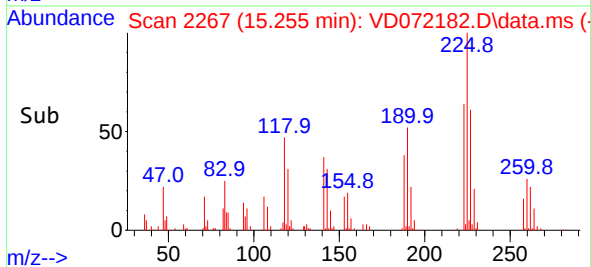
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#94
Hexachlorobutadiene
Concen: 18.930 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04



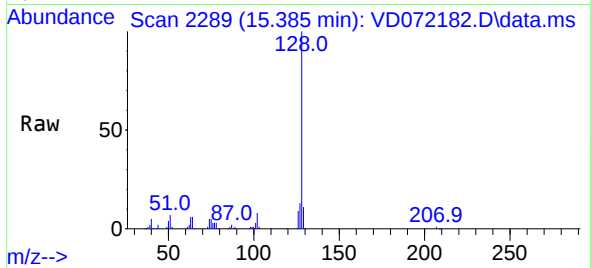
Tgt Ion:225 Resp: 65515
Ion Ratio Lower Upper
225 100
223 64.8 31.1 93.2
227 65.0 32.4 97.0





#95
Naphthalene
Concen: 18.807 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04

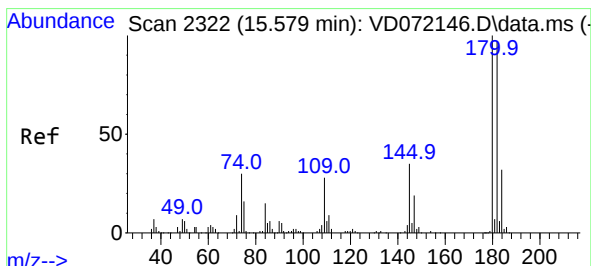
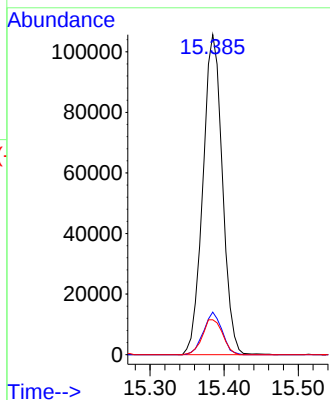
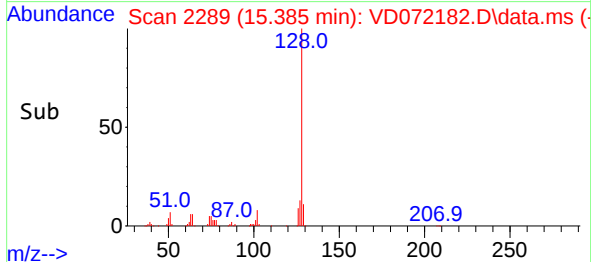
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



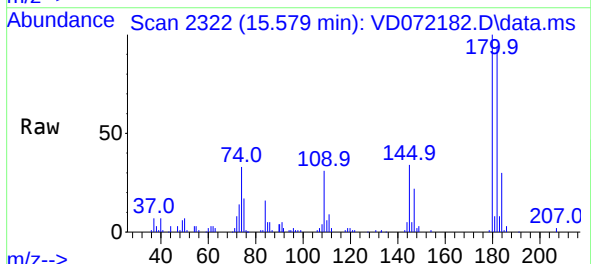
Tgt Ion:128 Resp: 192883
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.4 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.635 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD072182.D
Acq: 15 Mar 2022 12:04



Tgt Ion:180 Resp: 101119
Ion Ratio Lower Upper
180 100
182 95.5 47.6 142.9
145 33.1 17.1 51.3

