

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032822\
 Data File : VD072447.D
 Acq On : 28 Mar 2022 15:05
 Operator : VA/SY
 Sample : VD0328SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0328SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

Quant Time: Mar 29 01:30:01 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	7.973	168	376203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	623223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	555080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	281971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	217260	51.820	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	103.640%		
35) Dibromofluoromethane	7.908	113	216315	49.323	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.640%		
50) Toluene-d8	10.332	98	771391	48.103	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.200%		
62) 4-Bromofluorobenzene	12.626	95	295314	47.395	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.780%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	64383	18.503	ug/l	96
3) Chloromethane	2.209	50	58037	18.770	ug/l	99
4) Vinyl Chloride	2.350	62	63619	21.315	ug/l	100
5) Bromomethane	2.750	94	41035	21.114	ug/l	96
6) Chloroethane	2.914	64	45546	23.081	ug/l	94
7) Trichlorofluoromethane	3.273	101	134710	19.986	ug/l	93
8) Diethyl Ether	3.709	74	38337	20.594	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.091	101	92895	21.615	ug/l	98
10) Methyl Iodide	4.297	142	64843	18.317	ug/l	100
11) Tert butyl alcohol	5.220	59	31011	127.570	ug/l #	91
12) 1,1-Dichloroethene	4.067	96	66355	19.191	ug/l	96
13) Acrolein	3.926	56	18357	84.628	ug/l	100
14) Allyl chloride	4.714	41	129269	21.383	ug/l	95
15) Acrylonitrile	5.414	53	115285	122.735	ug/l	99
16) Acetone	4.150	43	108848	119.575	ug/l	96
17) Carbon Disulfide	4.409	76	93409	12.736	ug/l	98
18) Methyl Acetate	4.714	43	66378	29.756	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	218188	23.217	ug/l	99
20) Methylene Chloride	4.961	84	102997	18.859	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	73681	19.267	ug/l	92
22) Diisopropyl ether	6.355	45	336332	24.392	ug/l	95
23) Vinyl Acetate	6.303	43	791855	112.526	ug/l	96
24) 1,1-Dichloroethane	6.267	63	185110	22.763	ug/l	100
25) 2-Butanone	7.208	43	149150	122.888	ug/l	95
26) 2,2-Dichloropropane	7.202	77	164752	22.454	ug/l	99
27) cis-1,2-Dichloroethene	7.202	96	103718	21.243	ug/l	98
28) Bromochloromethane	7.544	49	63083	19.269	ug/l	93
29) Tetrahydrofuran	7.555	42	85163	119.330	ug/l	96
30) Chloroform	7.708	83	199344	23.010	ug/l	98
31) Cyclohexane	7.979	56	123630	18.874	ug/l #	91
32) 1,1,1-Trichloroethane	7.897	97	171403	22.277	ug/l	95
36) 1,1-Dichloropropene	8.108	75	118305	19.229	ug/l	96
37) Ethyl Acetate	7.285	43	60625	22.495	ug/l #	80
38) Carbon Tetrachloride	8.091	117	140621	20.107	ug/l	98
39) Methylcyclohexane	9.349	83	121938	17.612	ug/l	96
40) Benzene	8.344	78	359366	20.474	ug/l	95

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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	7.520	41	28518m	18.155	ug/l	
42) 1,2-Dichloroethane	8.420	62	115278	21.650	ug/l	100
43) Isopropyl Acetate	8.444	43	124553	23.811	ug/l	98
44) Trichloroethene	9.108	130	100596	20.415	ug/l	91
45) 1,2-Dichloropropane	9.379	63	105677	21.953	ug/l	97
46) Dibromomethane	9.467	93	49707	20.992	ug/l	93
47) Bromodichloromethane	9.655	83	154472	22.377	ug/l #	97
48) Methyl methacrylate	9.449	41	60882	24.375	ug/l	95
49) 1,4-Dioxane	9.449	88	13560	477.540	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	343355	124.973	ug/l	97
52) Toluene	10.396	92	234507	20.304	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	138392	21.943	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	158741	21.772	ug/l	93
55) 1,1,2-Trichloroethane	10.791	97	82404	22.844	ug/l	97
56) Ethyl methacrylate	10.655	69	94440	22.352	ug/l	92
57) 1,3-Dichloropropane	10.938	76	135875	22.444	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	173622	91.394	ug/l	99
59) 2-Hexanone	10.979	43	235680	124.201	ug/l	100
60) Dibromochloromethane	11.132	129	102468	21.892	ug/l	98
61) 1,2-Dibromoethane	11.238	107	67432	20.688	ug/l	94
64) Tetrachloroethene	10.873	164	79193	20.249	ug/l	94
65) Chlorobenzene	11.661	112	271183	22.037	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	110935	22.797	ug/l	98
67) Ethyl Benzene	11.738	91	482084	21.934	ug/l	99
68) m/p-Xylenes	11.843	106	360733	43.224	ug/l	100
69) o-Xylene	12.173	106	175252	21.954	ug/l	98
70) Styrene	12.185	104	309027	22.169	ug/l	99
71) Bromoform	12.355	173	59380	22.843	ug/l #	100
73) Isopropylbenzene	12.473	105	512652	22.943	ug/l	99
74) N-amyl acetate	12.279	43	125591	26.154	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	95137	23.806	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	64414m	20.709	ug/l	
77) Bromobenzene	12.749	156	112568	22.383	ug/l	95
78) n-propylbenzene	12.814	91	626141	23.070	ug/l	99
79) 2-Chlorotoluene	12.896	91	358675	22.854	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	441847	23.017	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	29285	23.360	ug/l	95
82) 4-Chlorotoluene	12.996	91	370734	22.814	ug/l	99
83) tert-Butylbenzene	13.214	119	383590	22.792	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	431837	22.831	ug/l	100
85) sec-Butylbenzene	13.390	105	587735	23.255	ug/l	99
86) p-Isopropyltoluene	13.508	119	478218	22.994	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	237043	22.489	ug/l	100
88) 1,4-Dichlorobenzene	13.584	146	234731	22.458	ug/l	99
89) n-Butylbenzene	13.832	91	460369	23.224	ug/l	99
90) Hexachloroethane	14.102	117	93517	22.943	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	205669	22.380	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	14075	22.069	ug/l	90
93) 1,2,4-Trichlorobenzene	15.149	180	134298	22.073	ug/l	99
94) Hexachlorobutadiene	15.255	225	77409	21.872	ug/l	98
95) Naphthalene	15.384	128	253711	24.191	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	116066	22.039	ug/l	100

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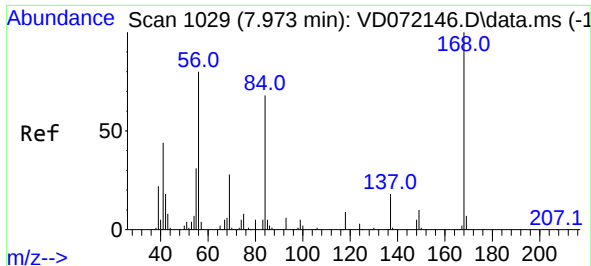
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/29/2022

Quant Time: Mar 29 01:30:01 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

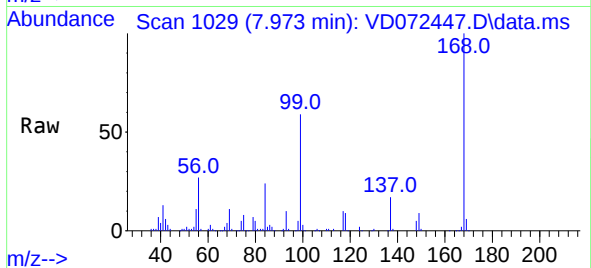
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

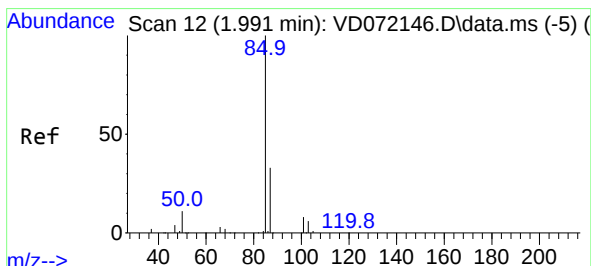
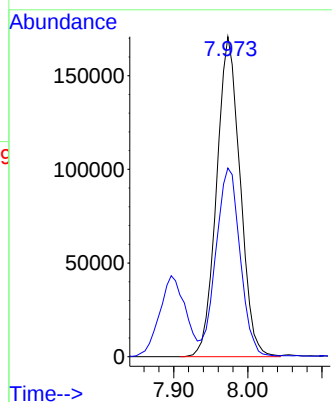
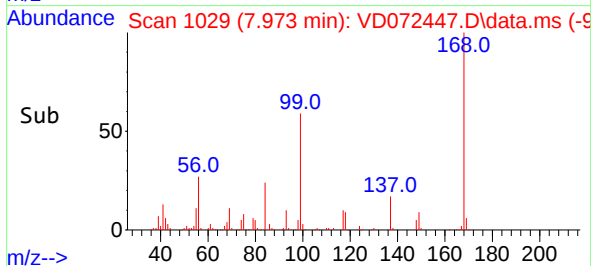
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



Tgt Ion:168 Resp: 37620
Ion Ratio Lower Upper
168 100
99 58.6 49.8 74.6

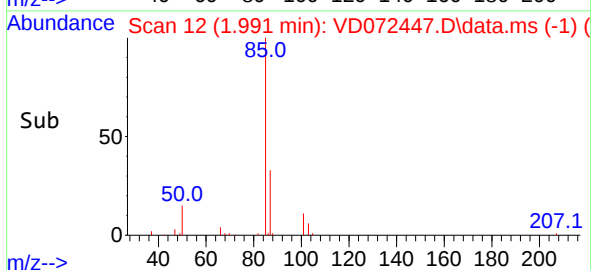
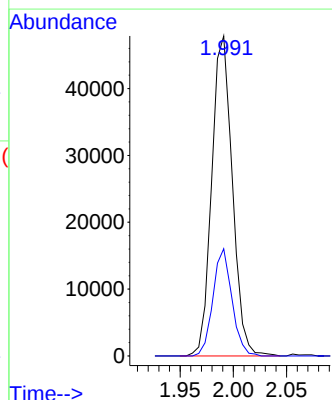
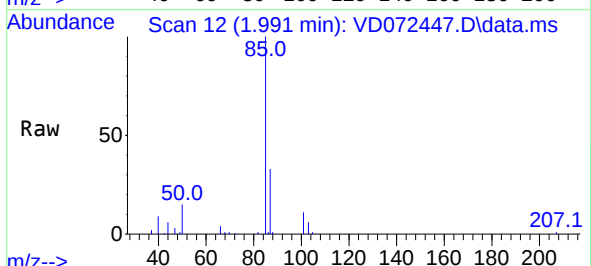
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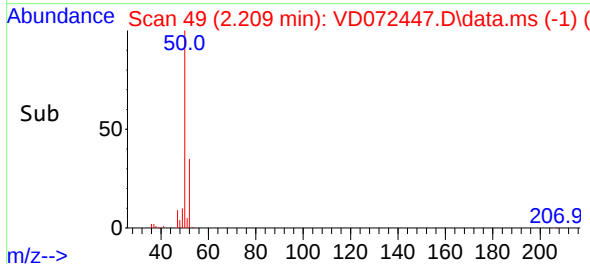
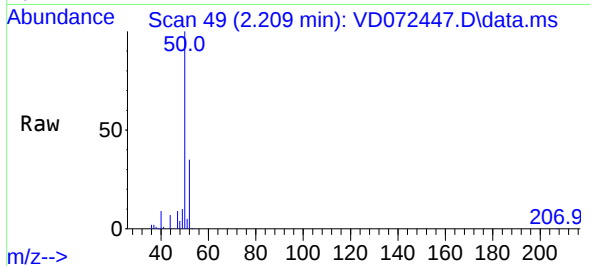
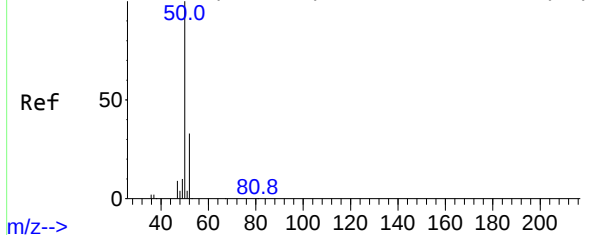


Dichlorodifluoromethane
Concen: 18.503 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

Tgt Ion: 85 Resp: 64383
Ion Ratio Lower Upper
85 100
87 33.5 15.7 47.0



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



#3

Chloromethane

Concen: 18.770 ug/l

RT: 2.209 min Scan# 49

Delta R.T. -0.000 min

Lab File: VD072447.D

Acq: 28 Mar 2022 15:05

Tgt Ion:	50	Resp:	5803
Ion Ratio	Lower	Upper	
50	100		
52	35.0	27.4	41.0

Instrument :

MSVOA_D

ClientSampleId :

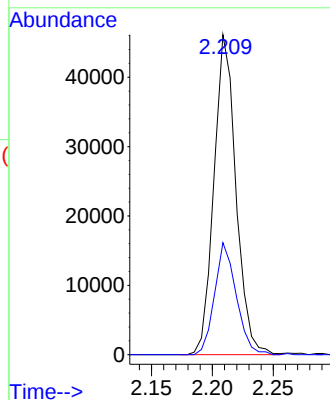
VD0328SBS01

Manual Integrations

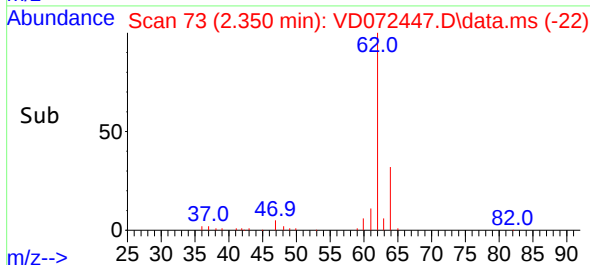
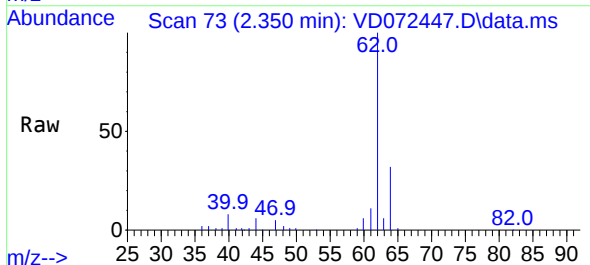
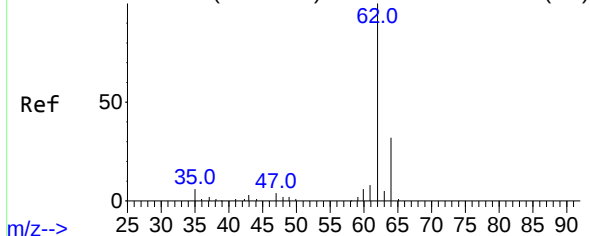
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Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



Abundance Scan 73 (2.350 min): VD072146.D\data.ms (-66)



#4

Vinyl Chloride

Concen: 21.315 ug/l

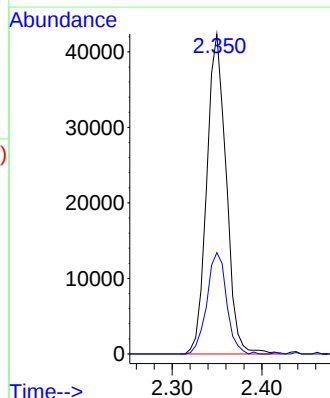
RT: 2.350 min Scan# 73

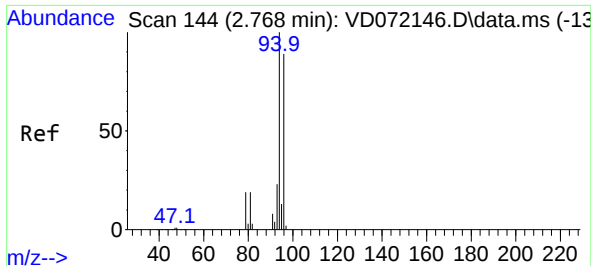
Delta R.T. -0.000 min

Lab File: VD072447.D

Acq: 28 Mar 2022 15:05

Tgt Ion:	62	Resp:	63619
Ion Ratio	Lower	Upper	
62	100		
64	31.7	25.4	38.0





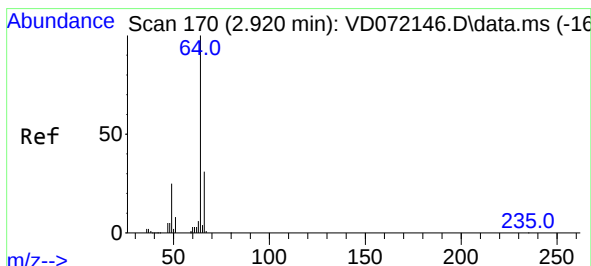
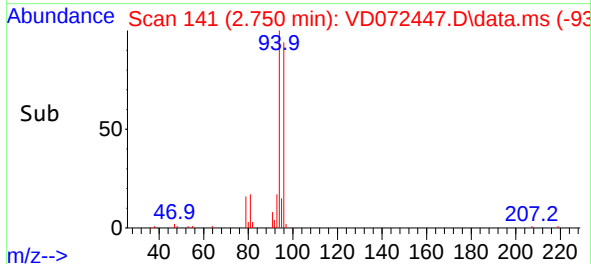
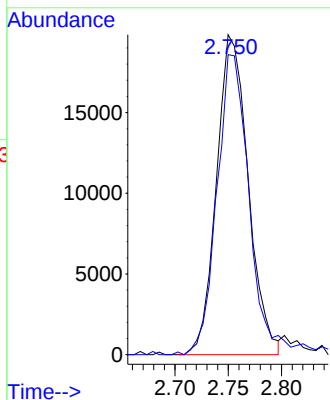
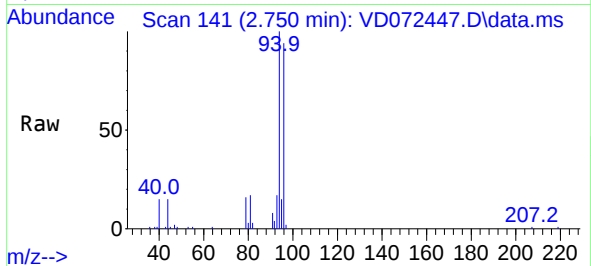
#5
Bromomethane
Concen: 21.114 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 4103
Ion Ratio Lower Upper
94 100
96 92.9 77.6 116.4

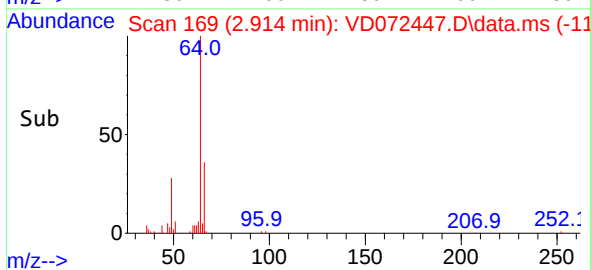
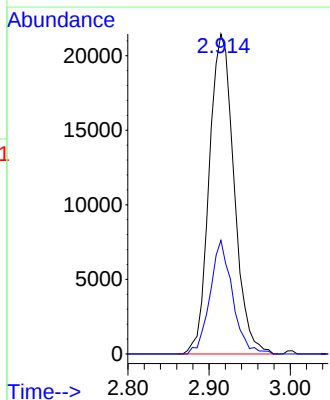
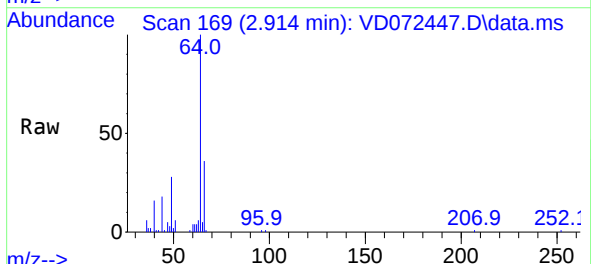
Manual Integrations
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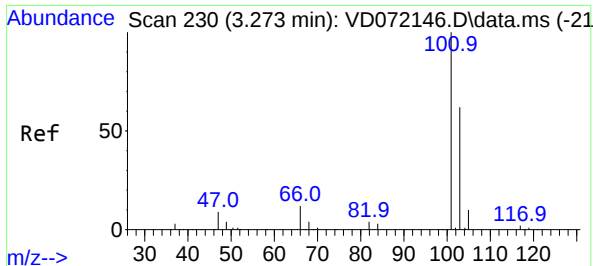
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#6
Chloroethane
Concen: 23.081 ug/l
RT: 2.914 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

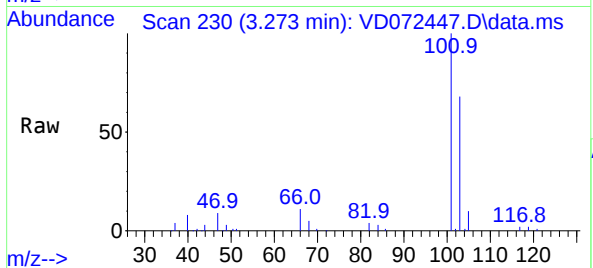
Tgt Ion: 64 Resp: 45546
Ion Ratio Lower Upper
64 100
66 35.5 25.9 38.9





#7
Trichlorofluoromethane
Concen: 19.986 ug/l
RT: 3.273 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

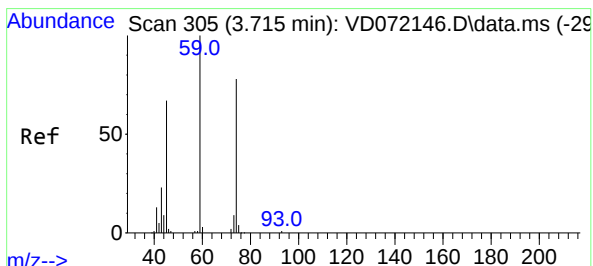
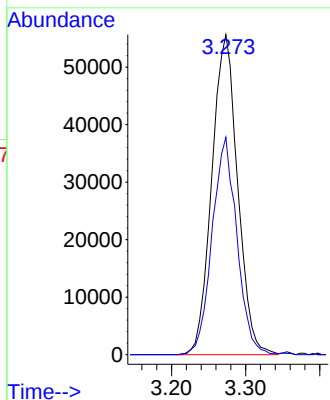
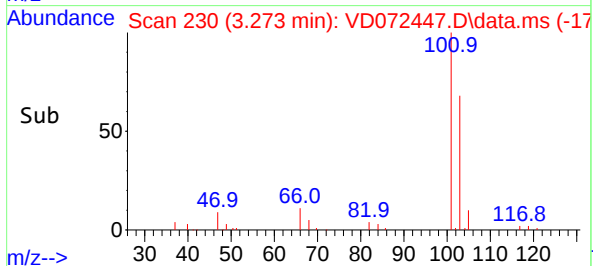
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBSD01



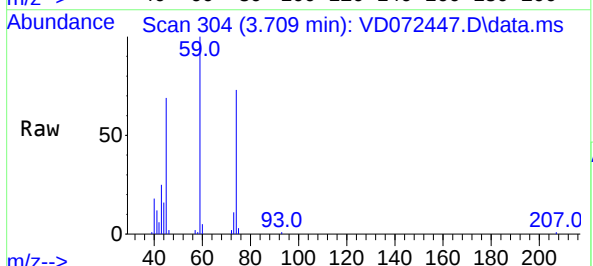
Tgt Ion:101 Resp: 134710
Ion Ratio Lower Upper
101 100
103 67.9 50.1 75.1

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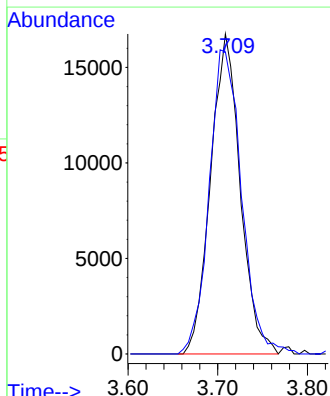
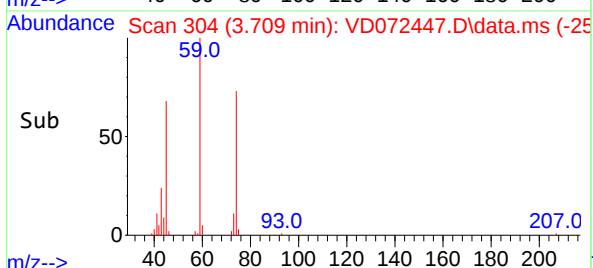
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#8
Diethyl Ether
Concen: 20.594 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05



Tgt Ion: 74 Resp: 38337
Ion Ratio Lower Upper
74 100
45 103.9 52.6 157.8





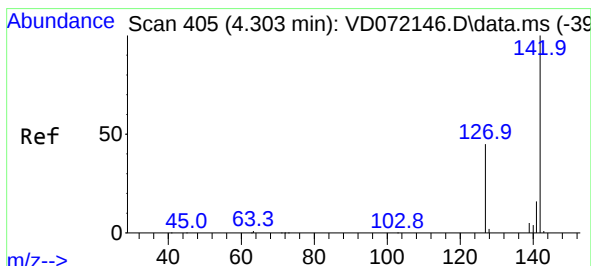
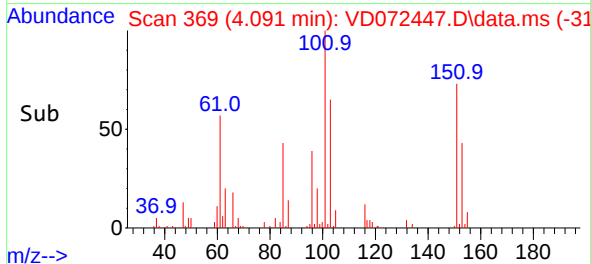
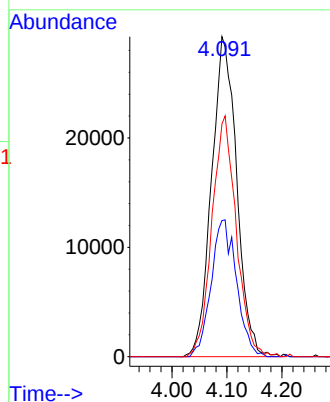
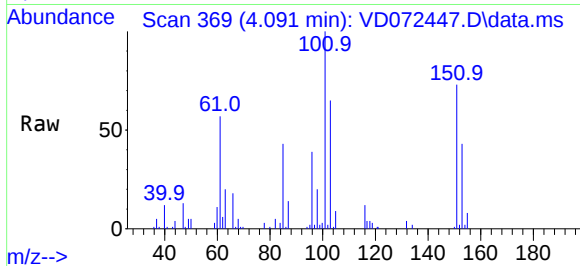
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.615 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

Tgt Ion:101 Resp: 9289
Ion Ratio Lower Upper
101 100
85 43.1 36.4 54.6
151 72.9 57.3 85.9

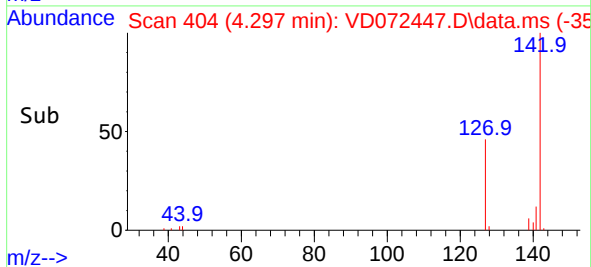
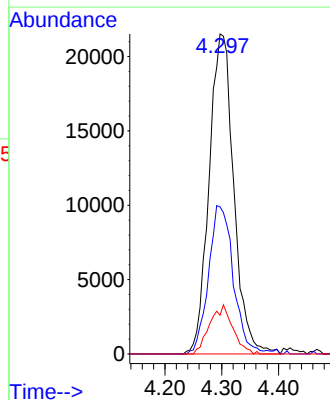
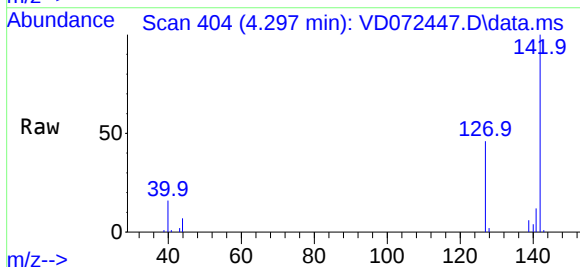
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#10
Methyl Iodide
Concen: 18.317 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

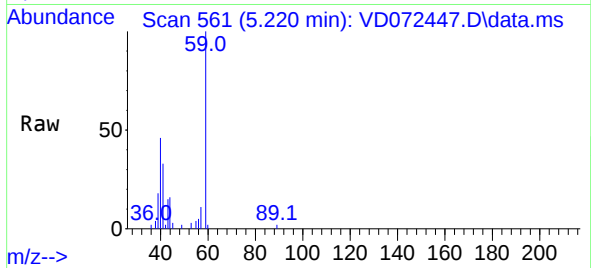
Tgt Ion:142 Resp: 64843
Ion Ratio Lower Upper
142 100
127 46.4 37.3 55.9
141 14.4 11.7 17.5





#11
Tert butyl alcohol
Concen: 127.570 ug/l
RT: 5.220 min Scan# 501
Delta R.T. 0.012 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

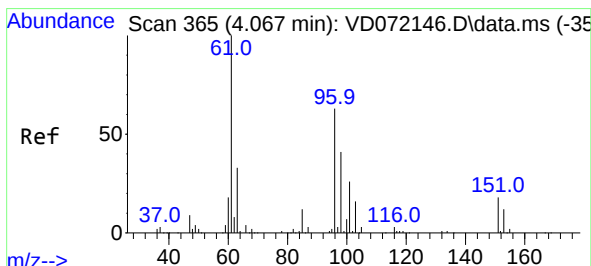
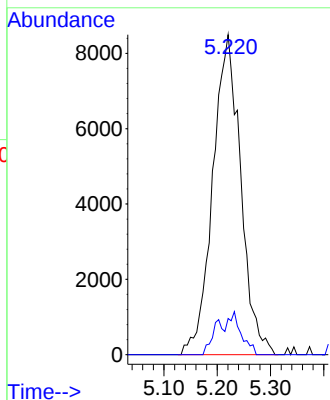
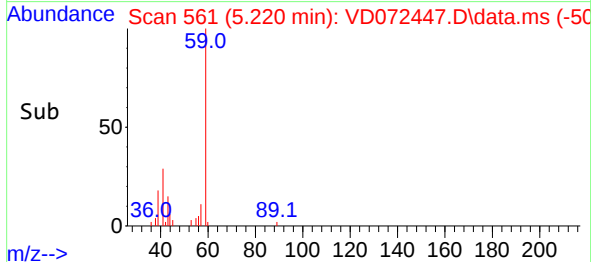
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBSD01



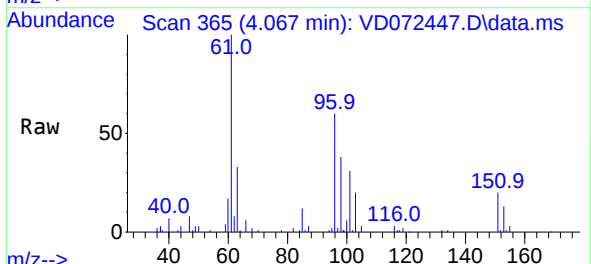
Tgt Ion: 59 Resp: 3101
Ion Ratio Lower Upper
59 100
57 6.3 7.8 11.6

Manual Integrations
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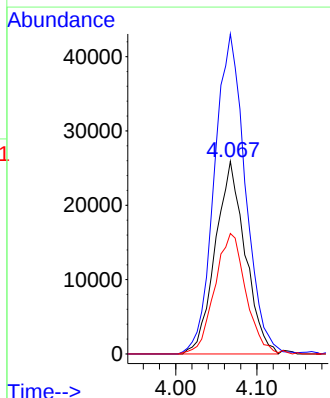
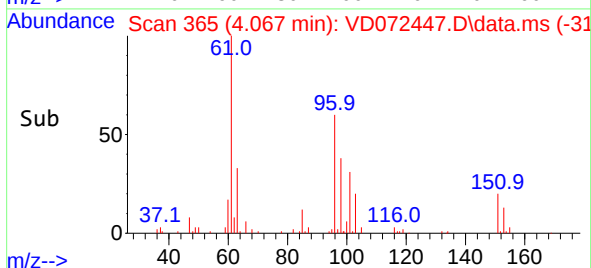
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#12
1,1-Dichloroethene
Concen: 19.191 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05



Tgt Ion: 96 Resp: 66355
Ion Ratio Lower Upper
96 100
61 166.1 138.5 207.7
98 62.6 48.6 73.0





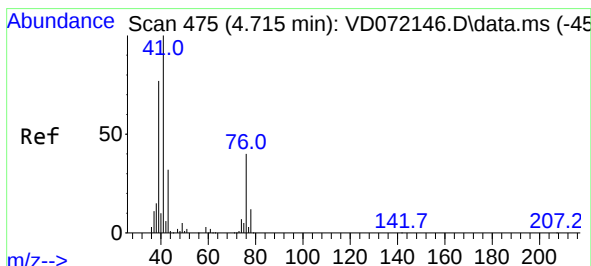
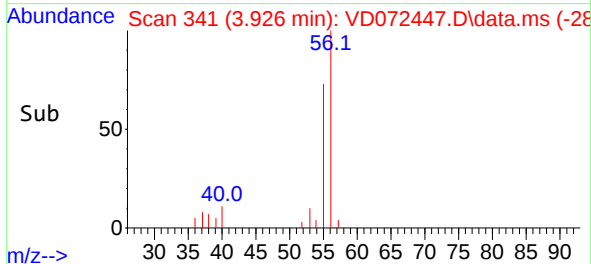
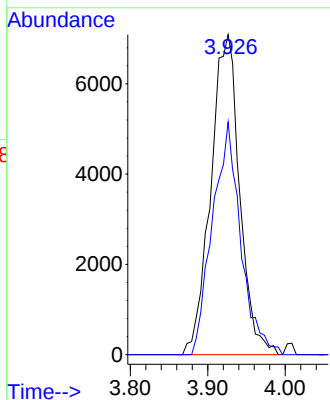
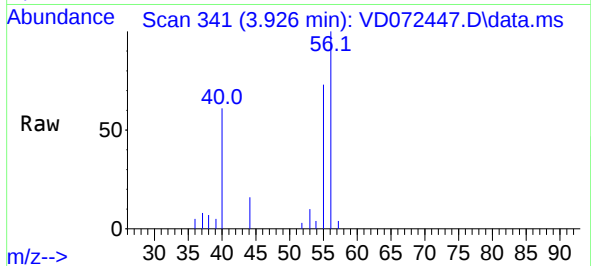
#13
Acrolein
Concen: 84.628 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

Tgt Ion: 56 Resp: 1835
Ion Ratio Lower Upper
56 100
55 71.0 57.1 85.7

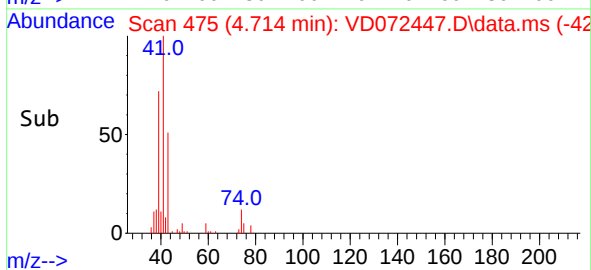
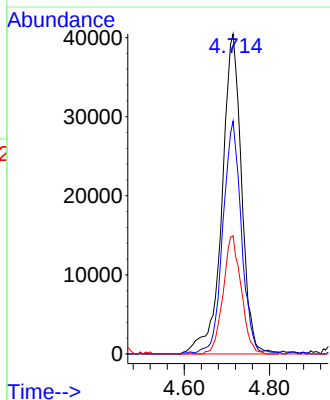
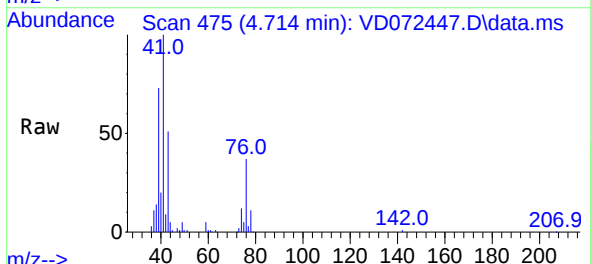
Manual Integrations
APPROVED

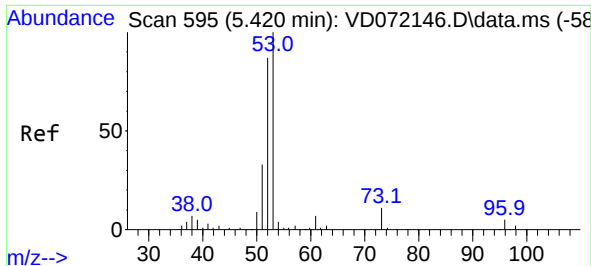
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#14
Allyl chloride
Concen: 21.383 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

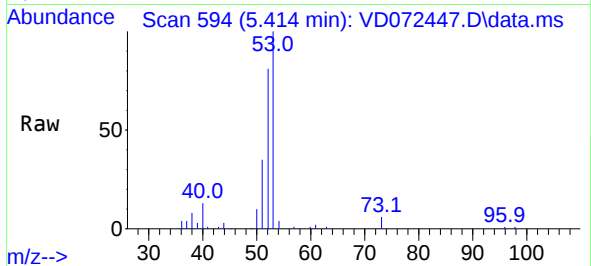
Tgt Ion: 41 Resp: 129269
Ion Ratio Lower Upper
41 100
39 68.9 59.3 88.9
76 34.0 25.7 38.5





#15
Acrylonitrile
Concen: 122.735 ug/l
RT: 5.414 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

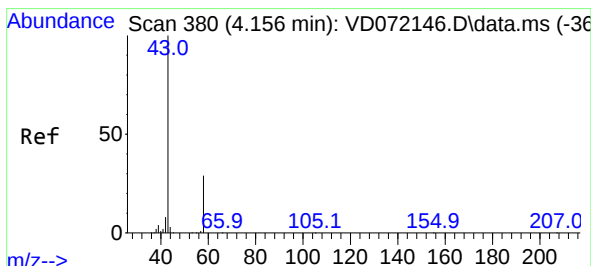
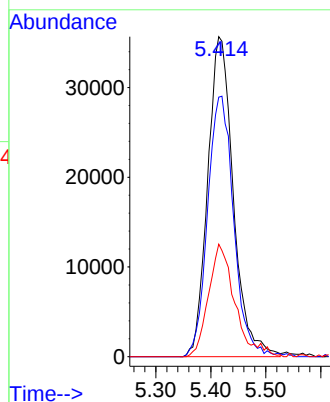
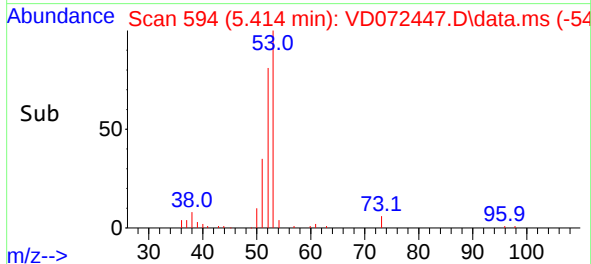
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



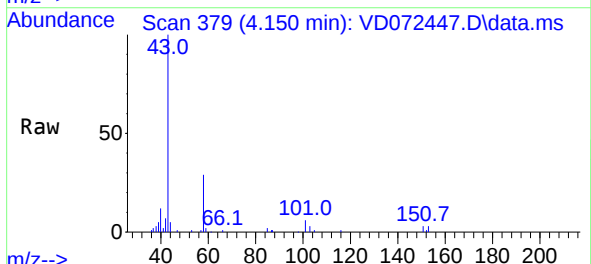
Tgt Ion: 53 Resp: 115285
Ion Ratio Lower Upper
53 100
52 83.3 67.2 100.8
51 36.2 30.3 45.5

Manual Integrations
APPROVED

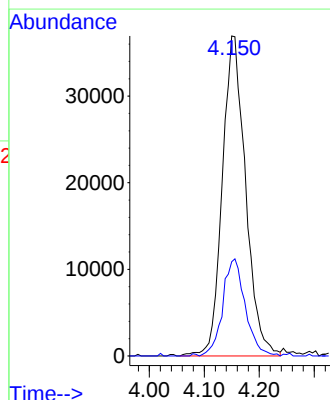
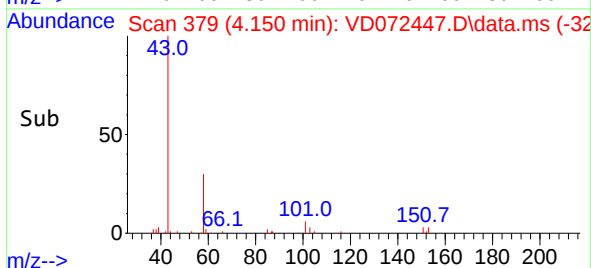
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#16
Acetone
Concen: 119.575 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05



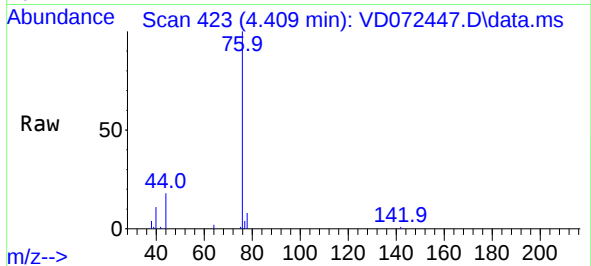
Tgt Ion: 43 Resp: 108848
Ion Ratio Lower Upper
43 100
58 29.4 22.1 33.1





#17
Carbon Disulfide
Concen: 12.736 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

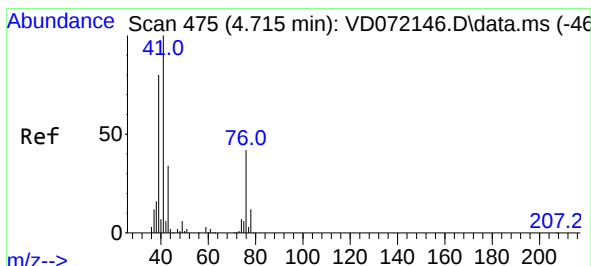
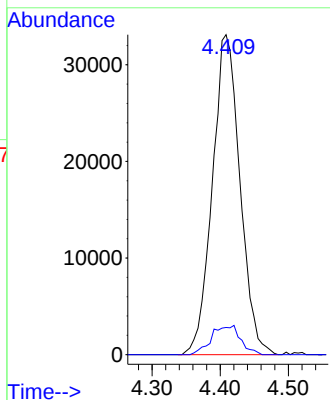
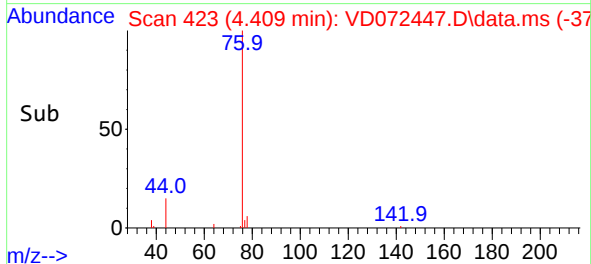
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBSD01



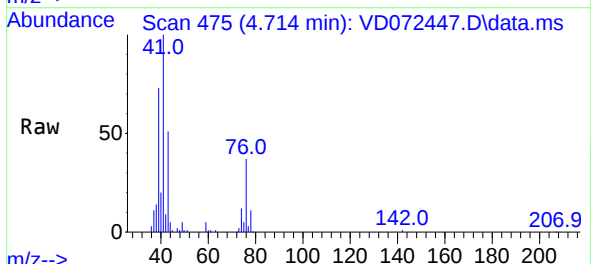
Tgt Ion: 76 Resp: 93409
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3

Manual Integrations
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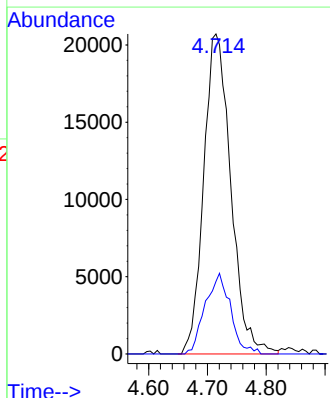
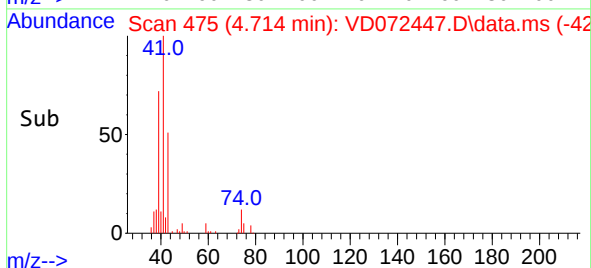
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

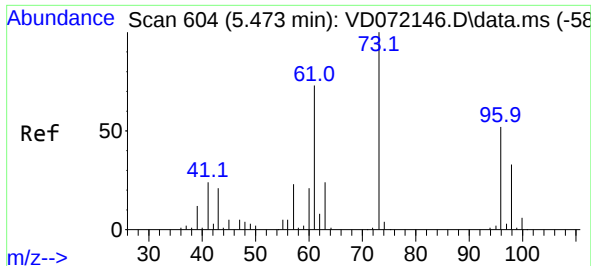


#18
Methyl Acetate
Concen: 29.756 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05



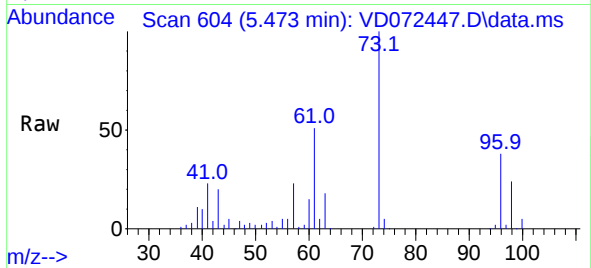
Tgt Ion: 43 Resp: 66378
Ion Ratio Lower Upper
43 100
74 23.5 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 23.217 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

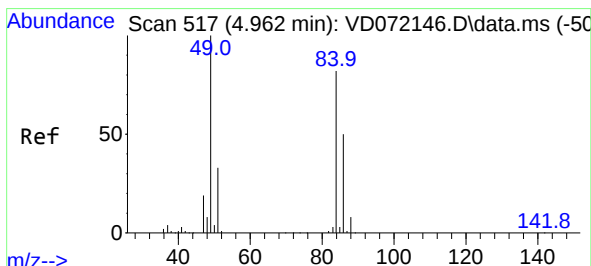
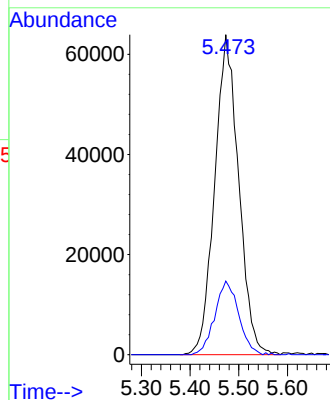
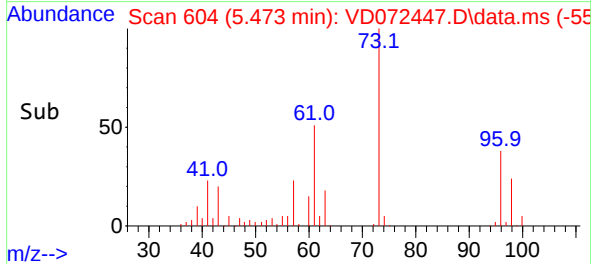
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



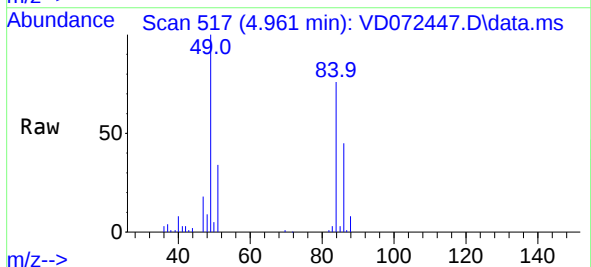
Tgt Ion: 73 Resp: 21818
Ion Ratio Lower Upper
73 100
57 23.0 18.0 27.0

Manual Integrations
APPROVED

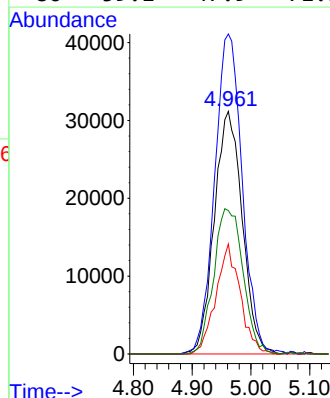
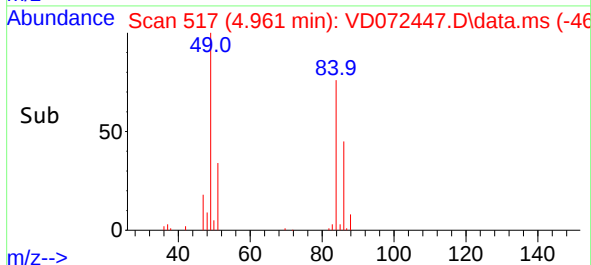
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

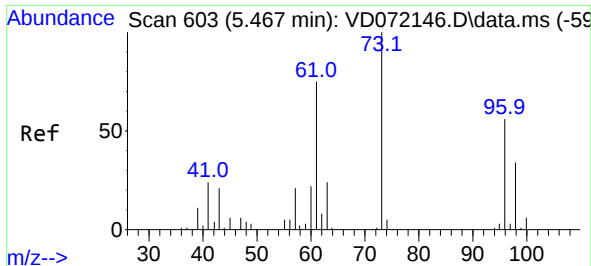


#20
Methylene Chloride
Concen: 18.859 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05



Tgt Ion: 84 Resp: 102997
Ion Ratio Lower Upper
84 100
49 131.9 112.8 169.2
51 45.3 32.6 48.8
86 59.1 47.9 71.9





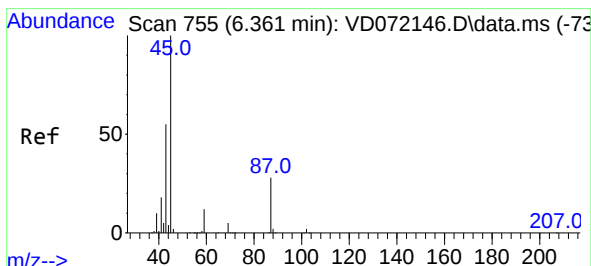
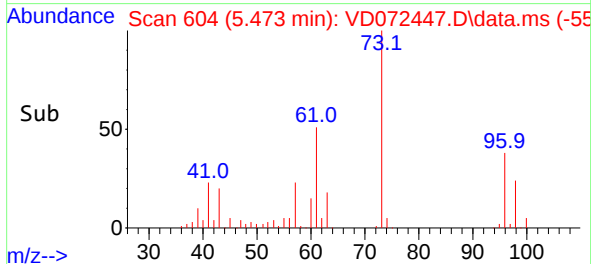
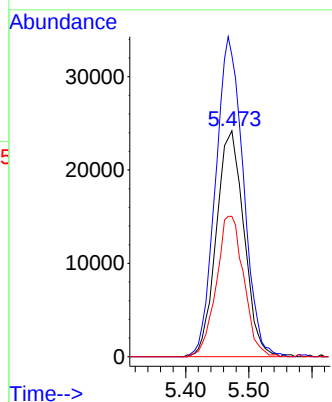
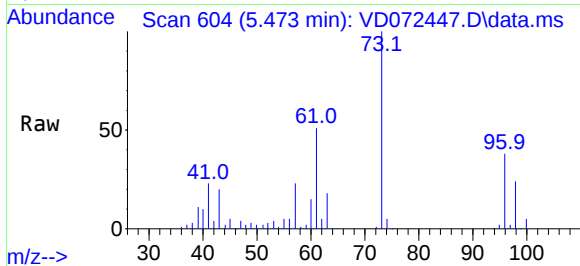
#21
trans-1,2-Dichloroethene
Concen: 19.267 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

Tgt Ion: 96 Resp: 7368
Ion Ratio Lower Upper
96 100
61 133.4 117.9 176.9
98 62.1 49.4 74.2

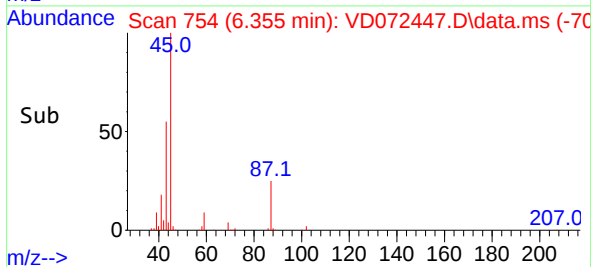
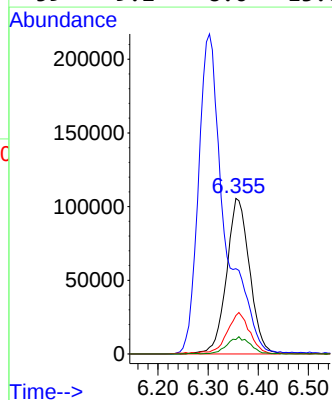
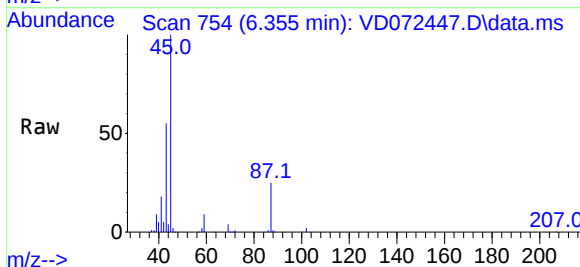
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#22
Diisopropyl ether
Concen: 24.392 ug/l
RT: 6.355 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

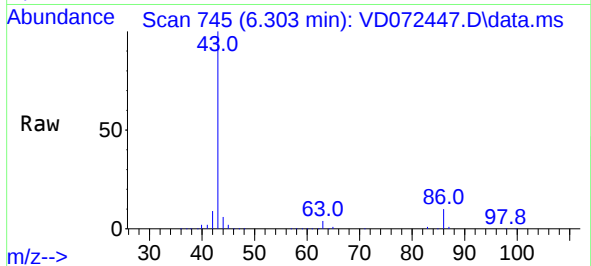
Tgt Ion: 45 Resp: 336332
Ion Ratio Lower Upper
45 100
43 53.5 46.6 70.0
87 24.2 18.4 27.6
59 9.2 8.6 13.0





#23
 Vinyl Acetate
 Concen: 112.526 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072447.D
 Acq: 28 Mar 2022 15:05

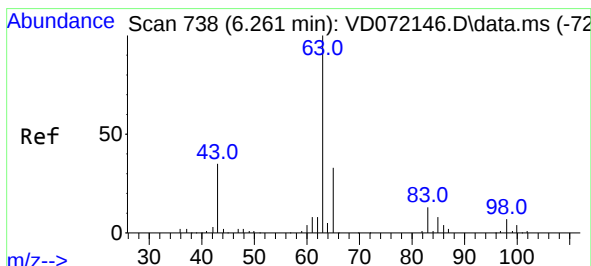
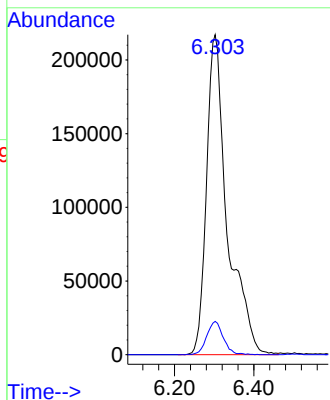
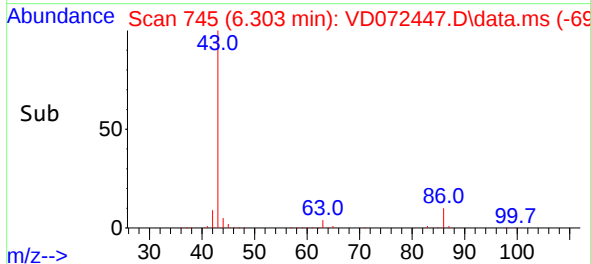
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0328SBS01



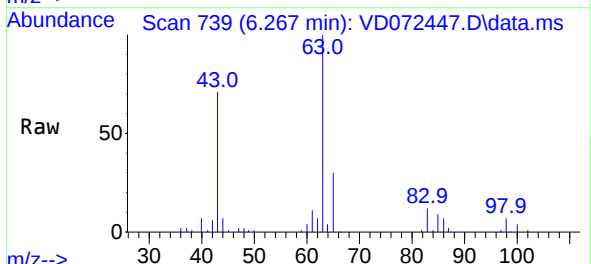
Tgt Ion: 43 Resp: 79185
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.1 10.7

Manual Integrations
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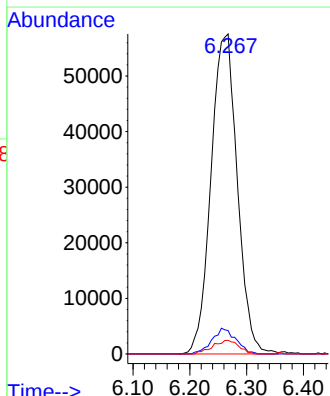
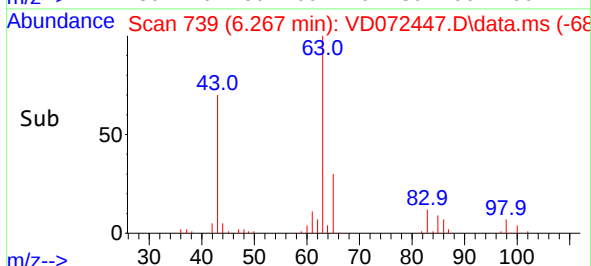
Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022

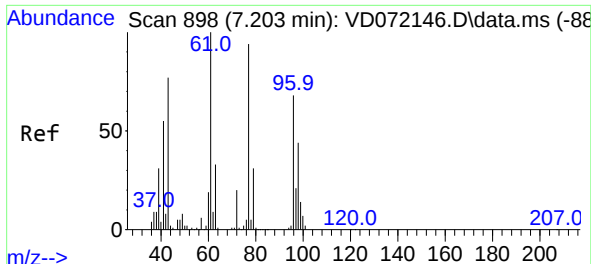


#24
 1,1-Dichloroethane
 Concen: 22.763 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.006 min
 Lab File: VD072447.D
 Acq: 28 Mar 2022 15:05



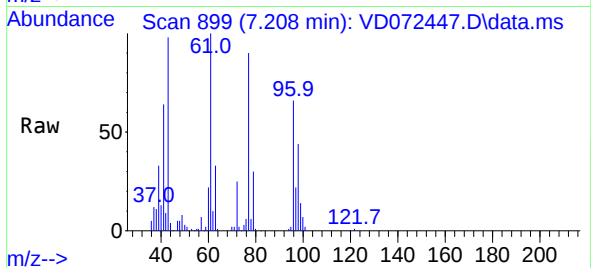
Tgt Ion: 63 Resp: 185110
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.3 2.1 6.5





#25
2-Butanone
Concen: 122.888 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

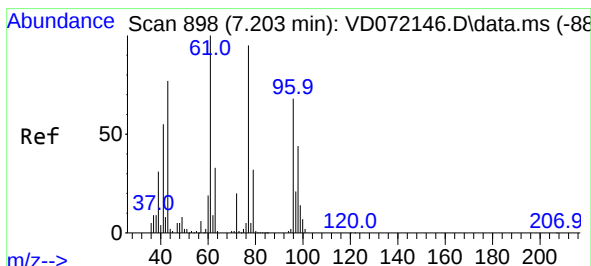
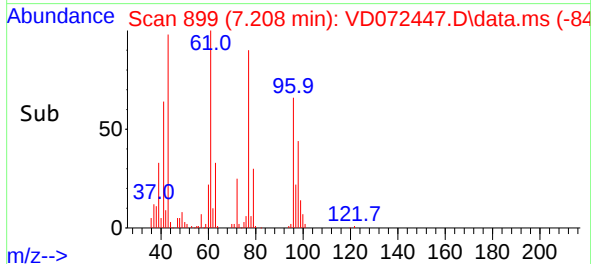
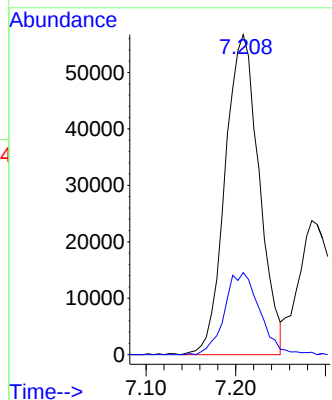
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



Tgt Ion: 43 Resp: 149150
Ion Ratio Lower Upper
43 100
72 25.6 18.6 27.8

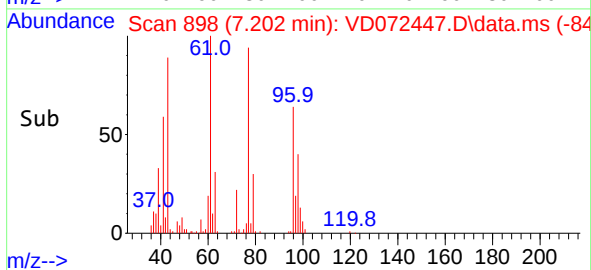
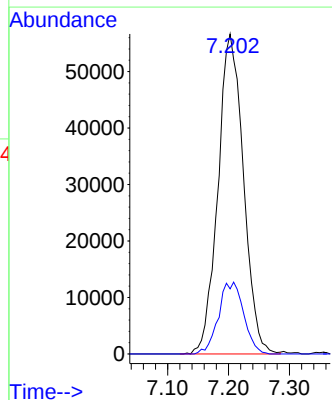
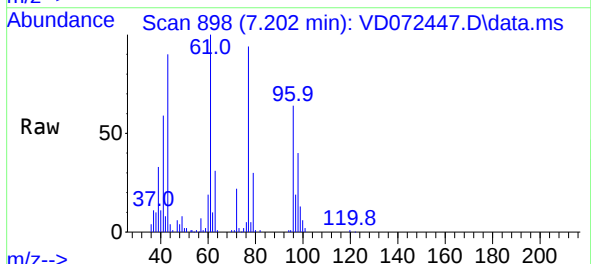
Manual Integrations
APPROVED

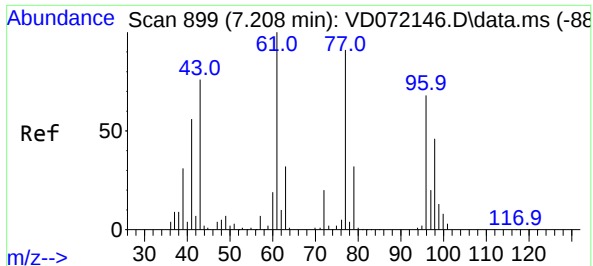
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#26
2,2-Dichloropropane
Concen: 22.454 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

Tgt Ion: 77 Resp: 164752
Ion Ratio Lower Upper
77 100
97 22.2 10.8 32.4





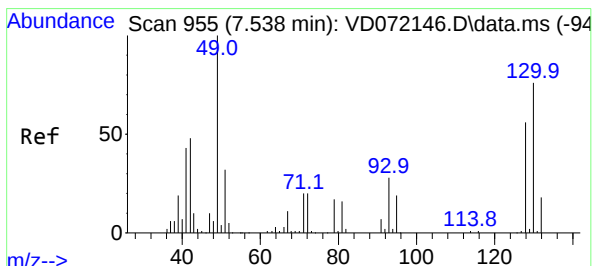
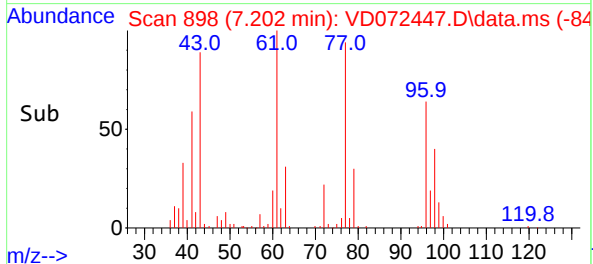
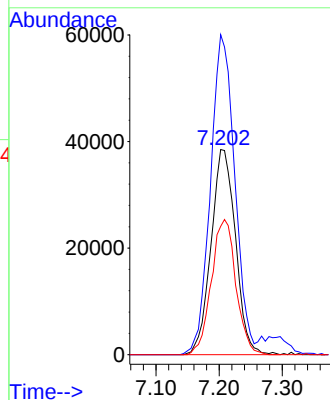
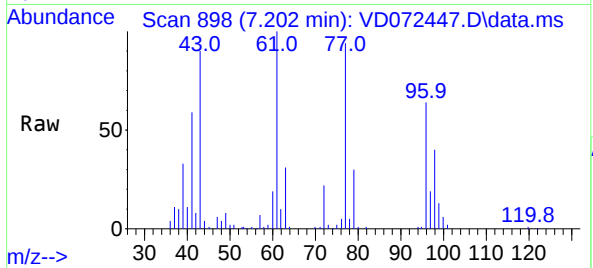
#27
cis-1,2-Dichloroethene
Concen: 21.243 ug/l
RT: 7.202 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

Tgt Ion: 96 Resp: 103718
Ion Ratio Lower Upper
96 100
61 154.7 0.0 313.8
98 66.1 0.0 128.8

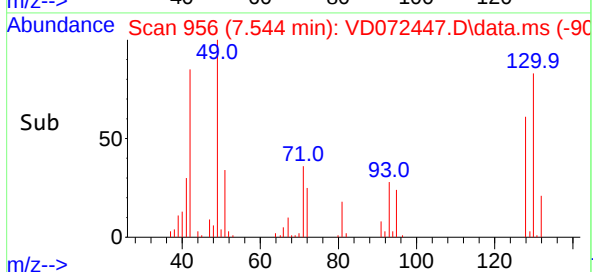
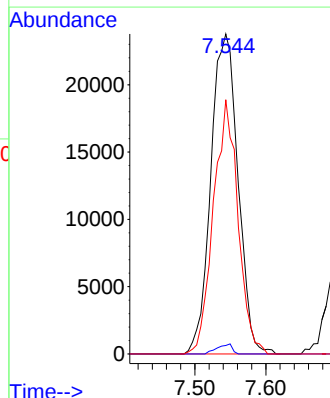
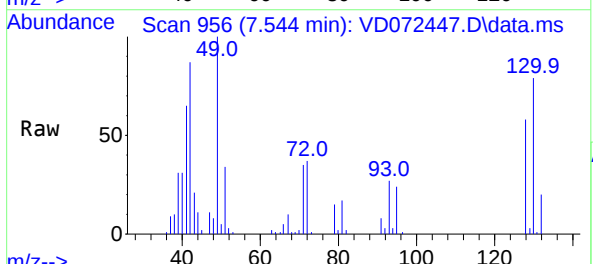
Manual Integrations
APPROVED

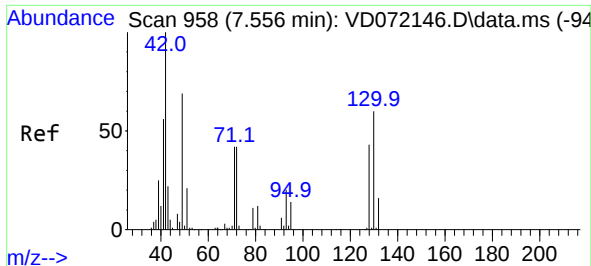
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#28
Bromochloromethane
Concen: 19.269 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.006 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

Tgt Ion: 49 Resp: 63083
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.0
130 71.7 52.6 79.0





#29

Tetrahydrofuran

Concen: 119.330 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD072447.D

Acq: 28 Mar 2022 15:05

Instrument :

MSVOA_D

ClientSampleId :

VD0328SBS01

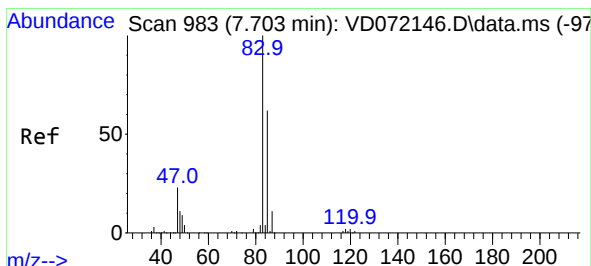
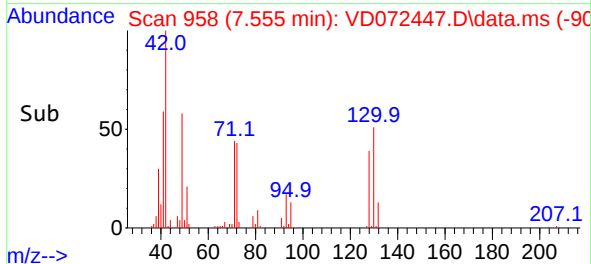
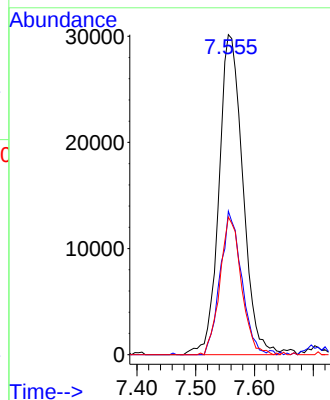
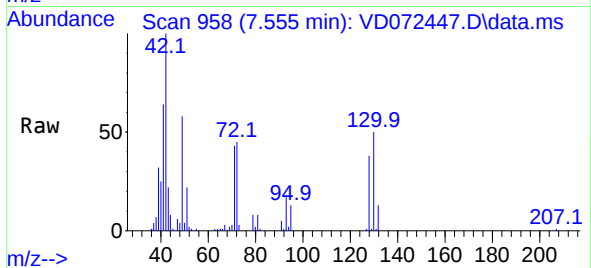
Tgt Ion:	42	Resp:	8516
Ion Ratio	Lower	Upper	
42	100		
72	40.0	30.7	46.1
71	38.5	28.6	43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#30

Chloroform

Concen: 23.010 ug/l

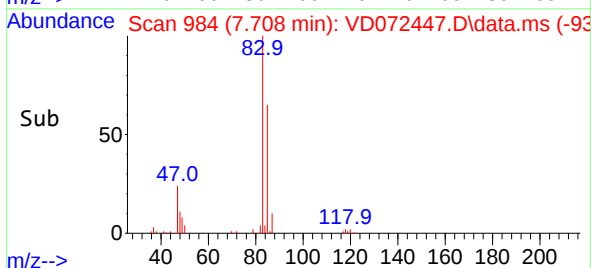
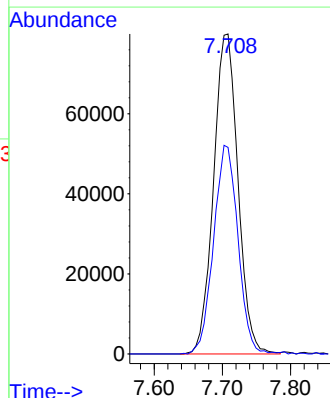
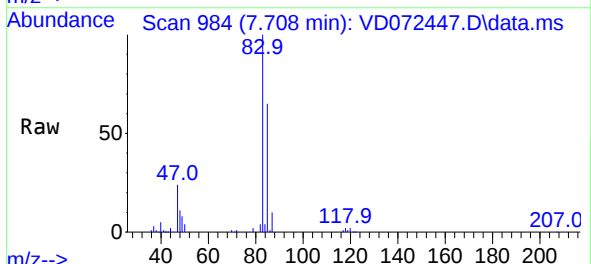
RT: 7.708 min Scan# 984

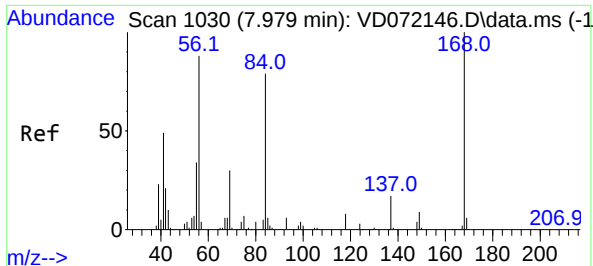
Delta R.T. 0.006 min

Lab File: VD072447.D

Acq: 28 Mar 2022 15:05

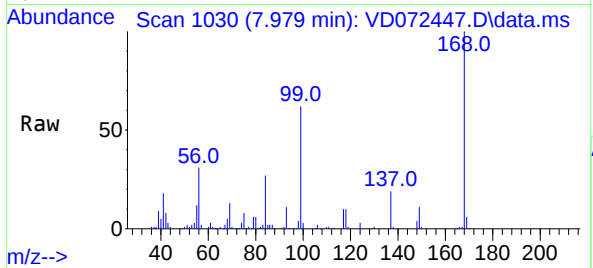
Tgt Ion:	83	Resp:	199344
Ion Ratio	Lower	Upper	
83	100		
85	64.6	52.7	79.1





#31
Cyclohexane
Concen: 18.874 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

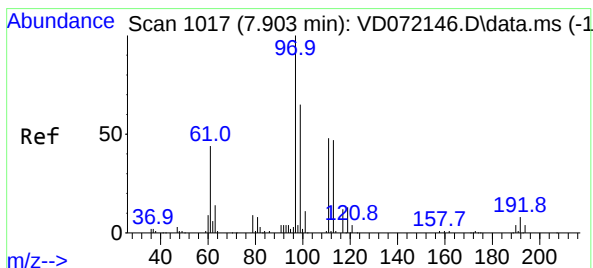
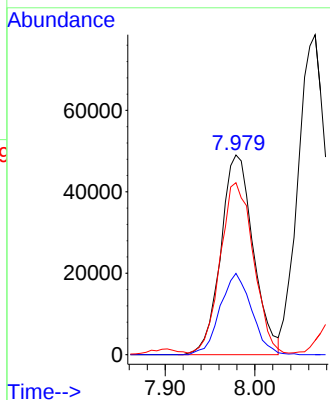
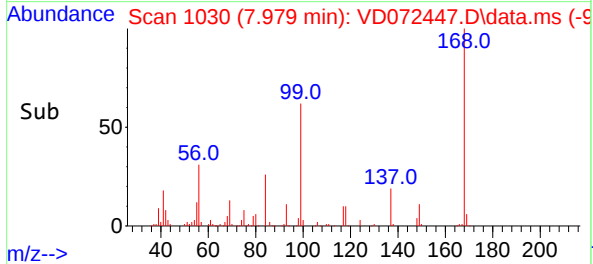
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



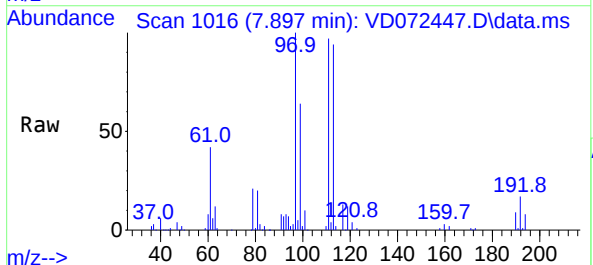
Tgt Ion: 56 Resp: 123630
Ion Ratio Lower Upper
56 100
69 40.7 25.4 38.2
84 84.6 63.0 94.4

Manual Integrations
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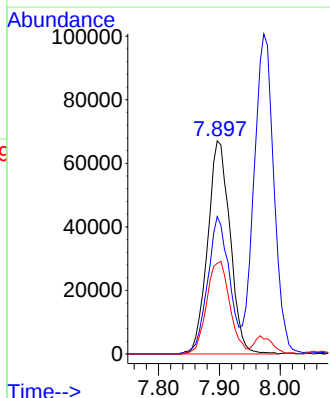
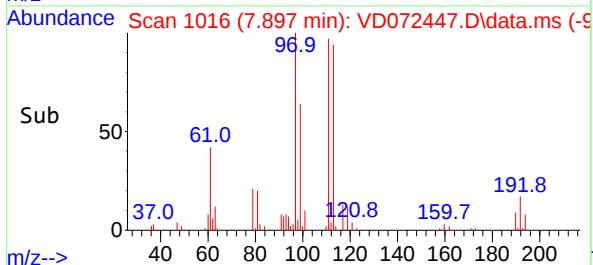
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#32
1,1,1-Trichloroethane
Concen: 22.277 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05



Tgt Ion: 97 Resp: 171403
Ion Ratio Lower Upper
97 100
99 61.7 52.4 78.6
61 44.7 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 51.820 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072447.D

Acq: 28 Mar 2022 15:05

Instrument :

MSVOA_D

ClientSampleId :

VD0328SBS01

Tgt Ion: 65 Resp: 217260

Ion Ratio Lower Upper

65 100

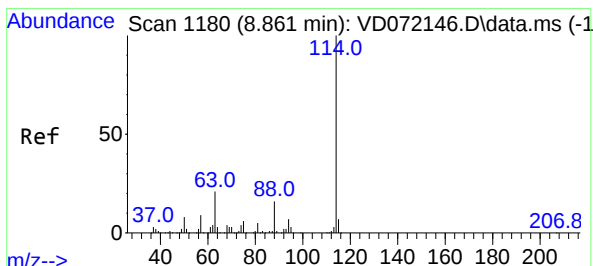
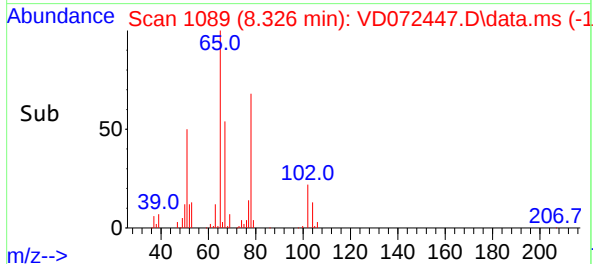
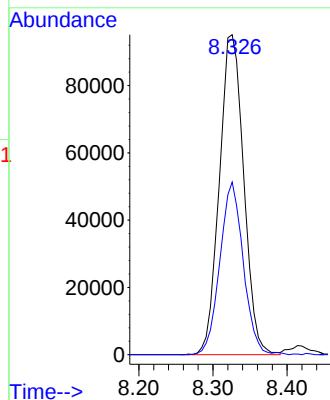
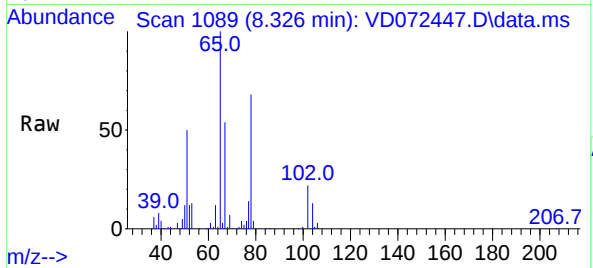
67 51.8 0.0 101.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072447.D

Acq: 28 Mar 2022 15:05

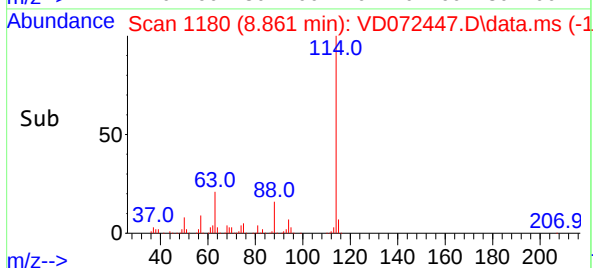
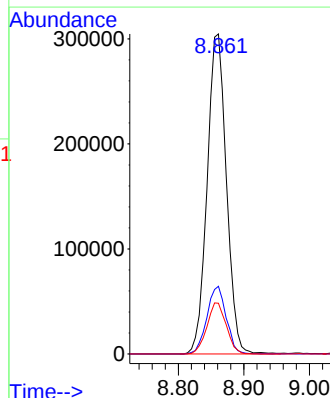
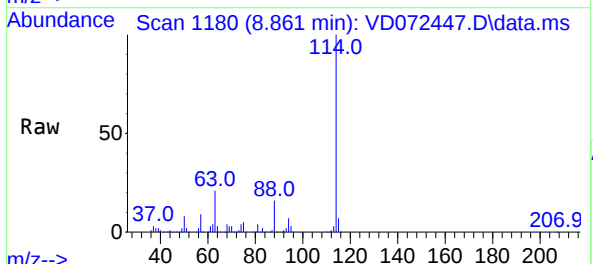
Tgt Ion:114 Resp: 623223

Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

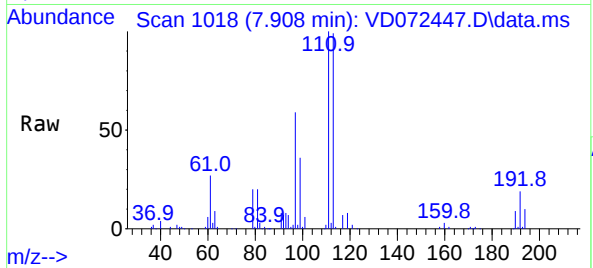
88 15.8 0.0 33.2





#35
Dibromofluoromethane
Concen: 49.323 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

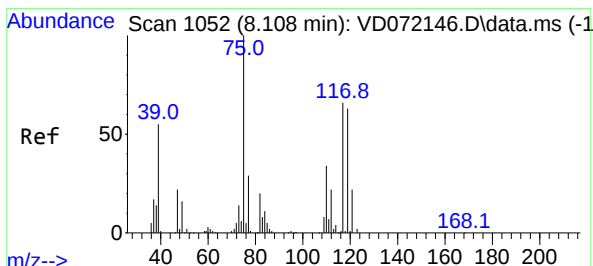
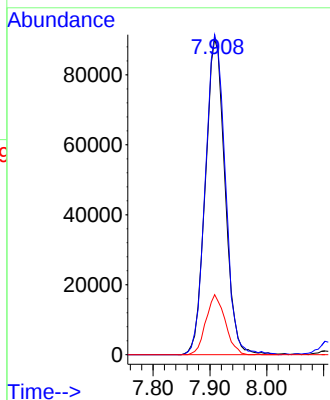
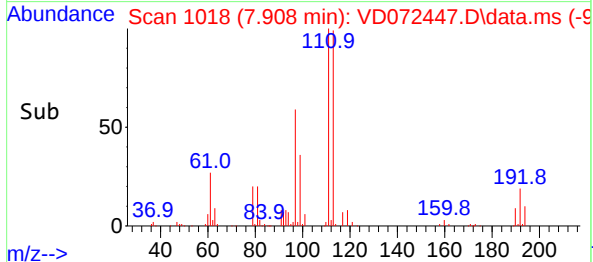
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



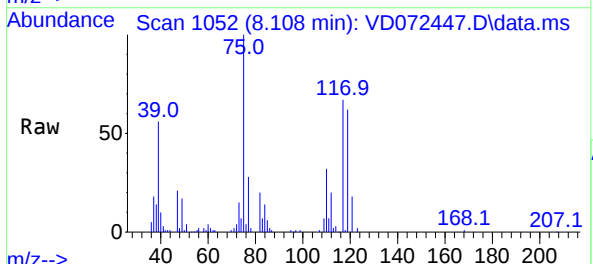
Tgt Ion:113 Resp: 21631
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 18.6 14.6 21.8

Manual Integrations
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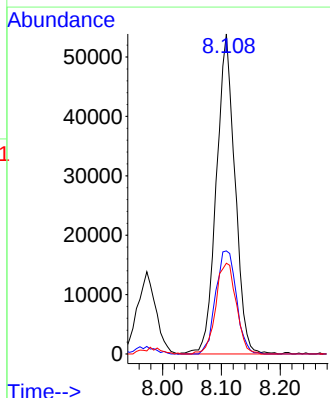
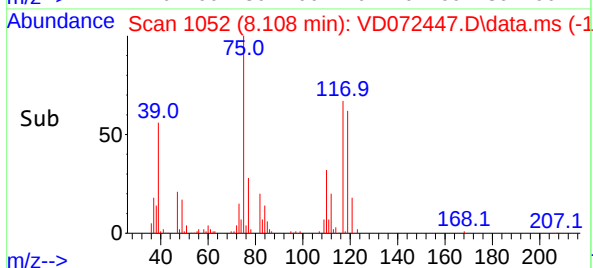
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#36
1,1-Dichloropropene
Concen: 19.229 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05



Tgt Ion: 75 Resp: 118305
Ion Ratio Lower Upper
75 100
110 35.8 16.4 49.1
77 31.2 24.2 36.2





#37
Ethyl Acetate
Concen: 22.495 ug/l
RT: 7.285 min Scan# 912
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

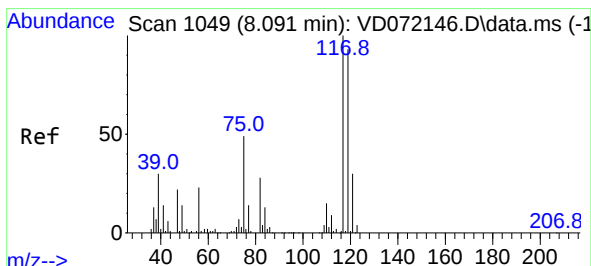
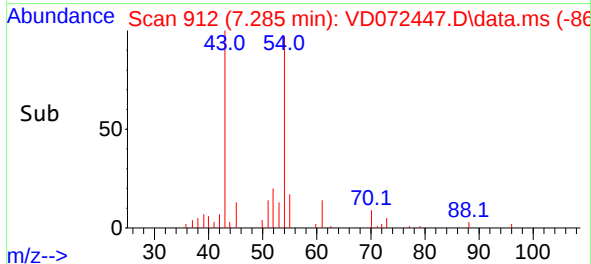
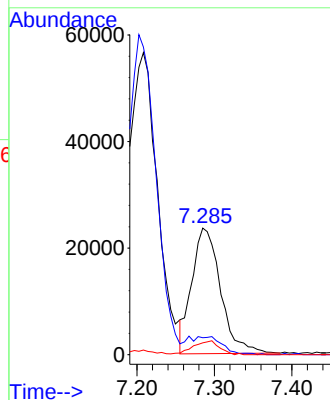
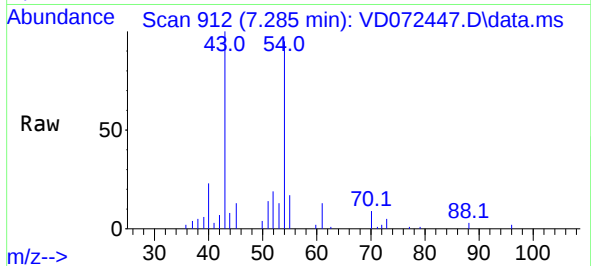
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBSD01

Tgt Ion: 43 Resp: 60621

Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.8	14.8
70	10.2	6.9	10.3

Manual Integrations
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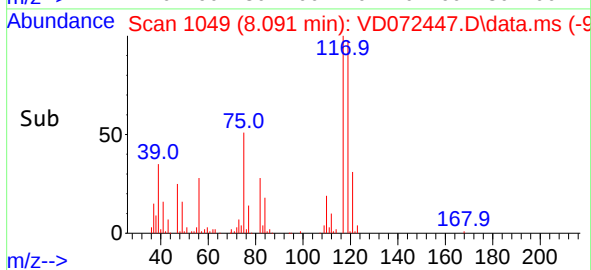
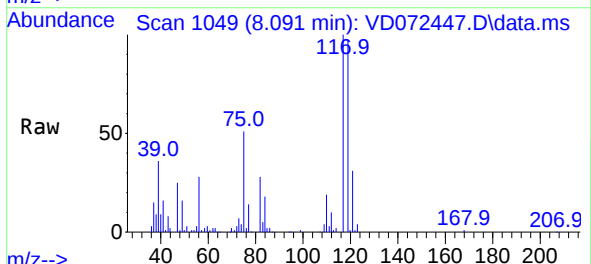
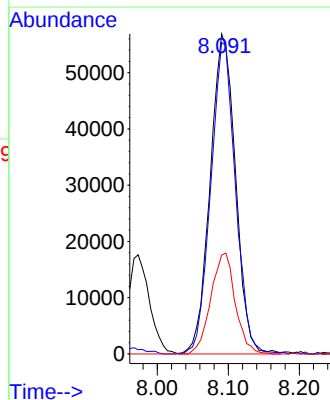
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

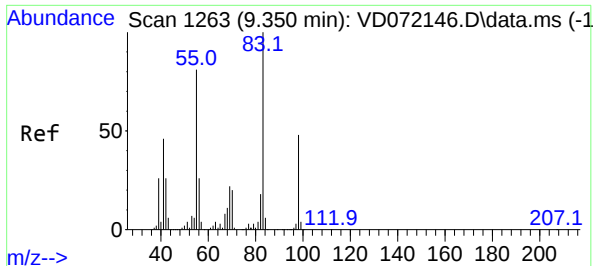


#38
Carbon Tetrachloride
Concen: 20.107 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

Tgt Ion:117 Resp: 140621

Ion	Ratio	Lower	Upper
117	100		
119	97.0	75.8	113.6
121	30.9	24.5	36.7





#39

Methylcyclohexane

Concen: 17.612 ug/l

RT: 9.349 min Scan# 1263

Delta R.T. -0.000 min

Lab File: VD072447.D

Acq: 28 Mar 2022 15:05

Instrument :

MSVOA_D

ClientSampleId :

VD0328SBS01

Tgt Ion: 83 Resp: 121938

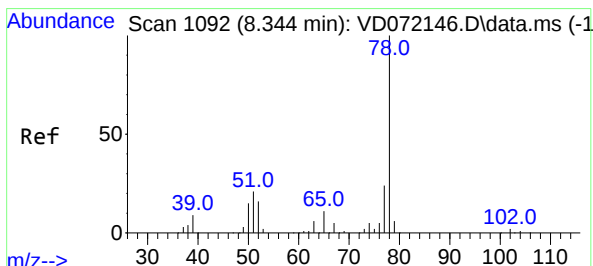
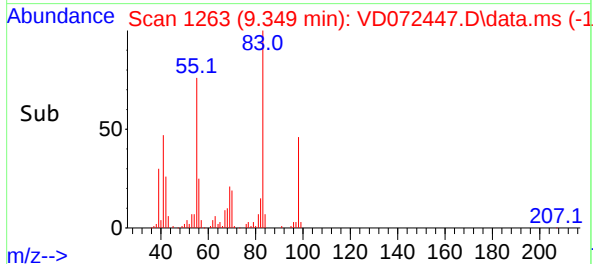
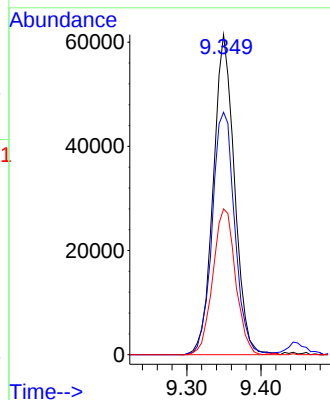
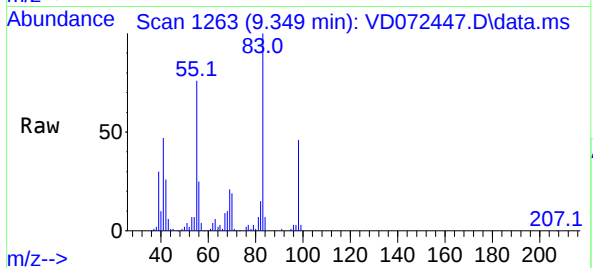
Ion	Ratio	Lower	Upper
83	100		
55	75.7	63.2	94.8
98	45.5	38.2	57.4

Manual Integrations

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Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#40

Benzene

Concen: 20.474 ug/l

RT: 8.344 min Scan# 1092

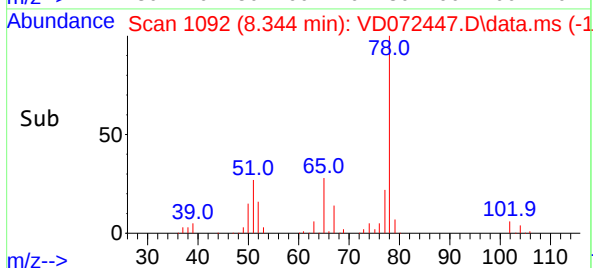
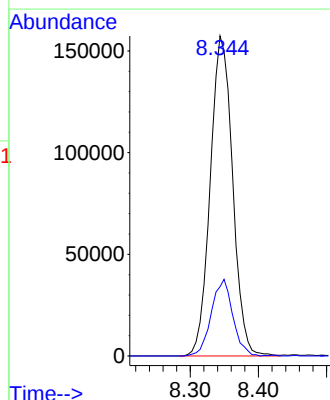
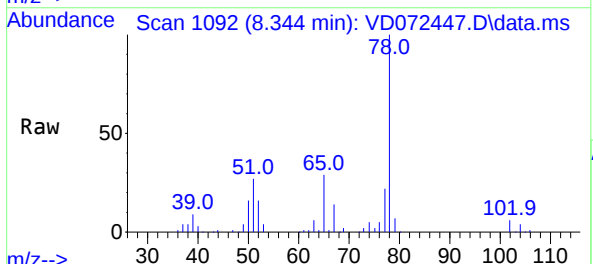
Delta R.T. -0.000 min

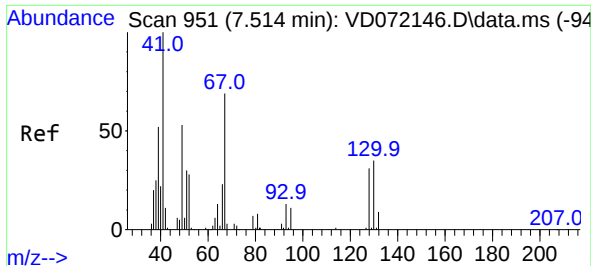
Lab File: VD072447.D

Acq: 28 Mar 2022 15:05

Tgt Ion: 78 Resp: 359366

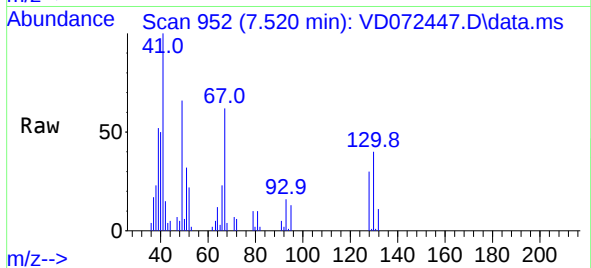
Ion	Ratio	Lower	Upper
78	100		
77	21.6	19.1	28.7





#41
Methacrylonitrile
Concen: 18.155 ug/l m
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

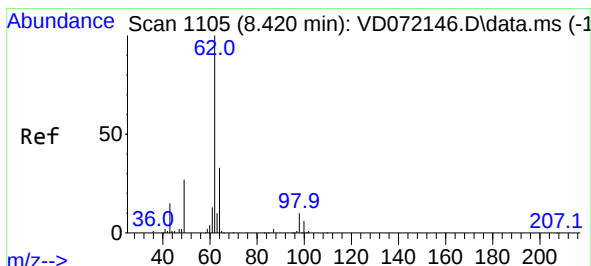
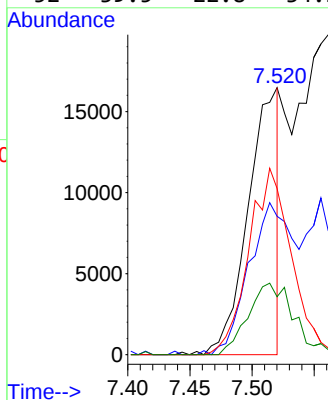
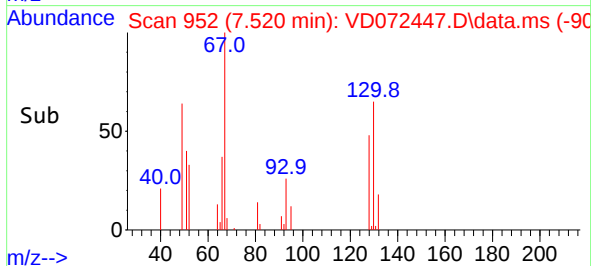
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



Tgt Ion: 41 Resp: 28518
Ion Ratio Lower Upper
41 100
39 82.3 44.6 67.0
67 96.8 48.2 72.4
52 39.5 22.8 34.2

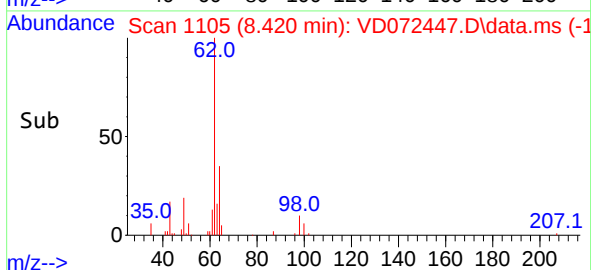
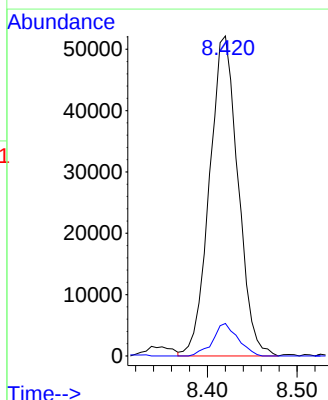
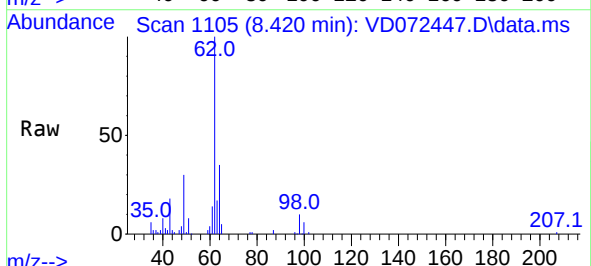
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#42
1,2-Dichloroethane
Concen: 21.650 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

Tgt Ion: 62 Resp: 115278
Ion Ratio Lower Upper
62 100
98 8.9 0.0 17.6





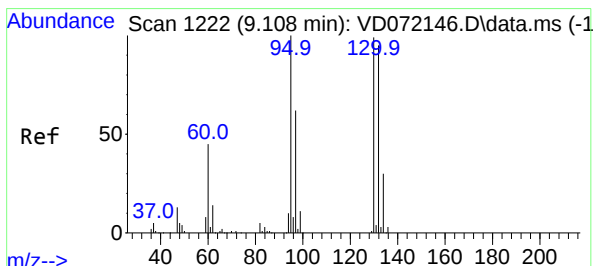
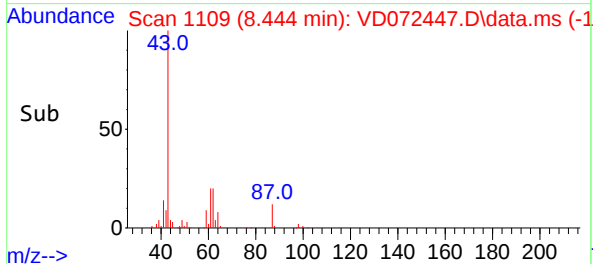
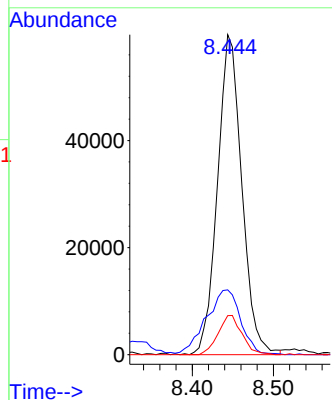
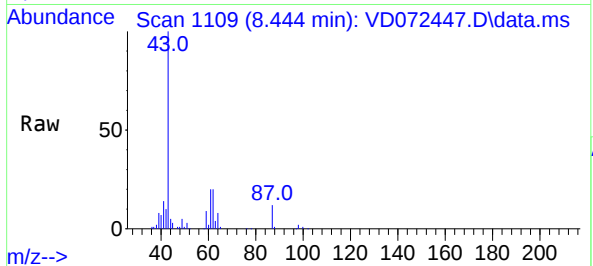
#43
Isopropyl Acetate
Concen: 23.811 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

Tgt Ion: 43 Resp: 12455
Ion Ratio Lower Upper
43 100
61 28.7 22.4 33.6
87 12.0 8.7 13.1

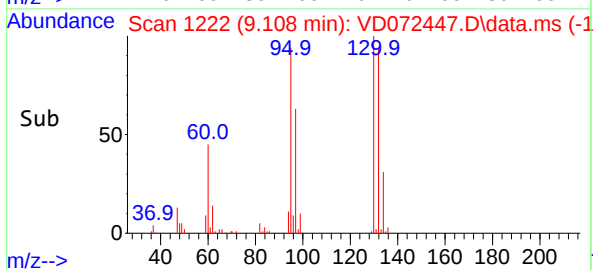
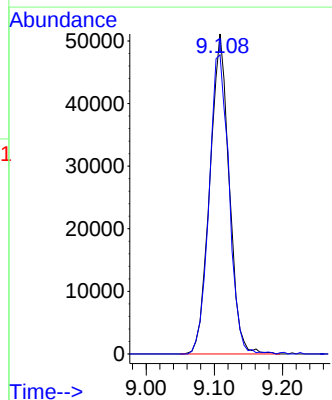
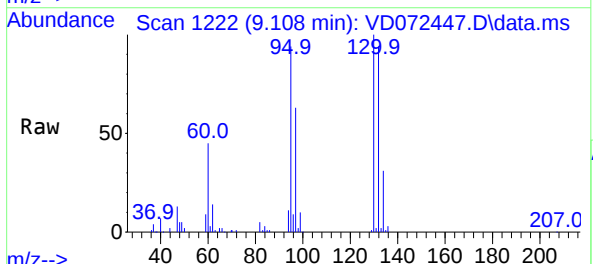
Manual Integrations
APPROVED

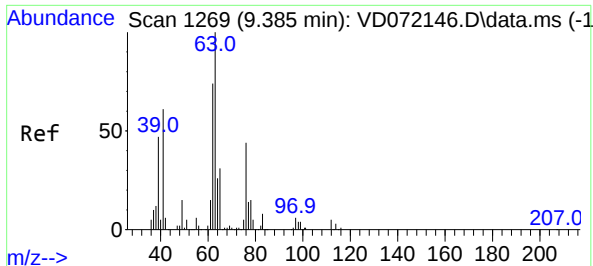
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#44
Trichloroethene
Concen: 20.415 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

Tgt Ion:130 Resp: 100596
Ion Ratio Lower Upper
130 100
95 93.5 0.0 205.4





#45

1,2-Dichloropropane

Concen: 21.953 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.006 min

Lab File: VD072447.D

Acq: 28 Mar 2022 15:05

Instrument :

MSVOA_D

ClientSampleId :

VD0328SBS01

Tgt Ion: 63 Resp: 10567

Ion Ratio Lower Upper

63 100

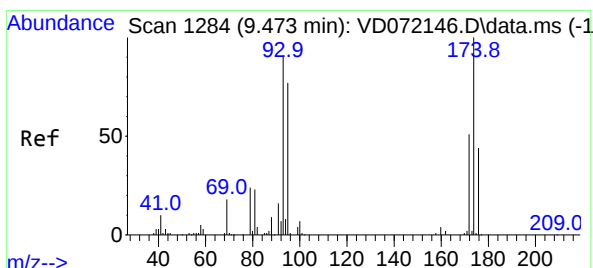
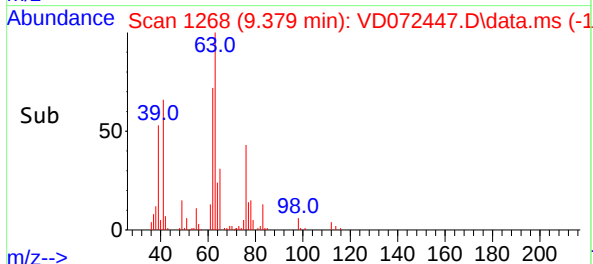
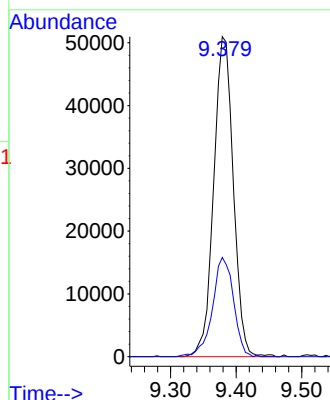
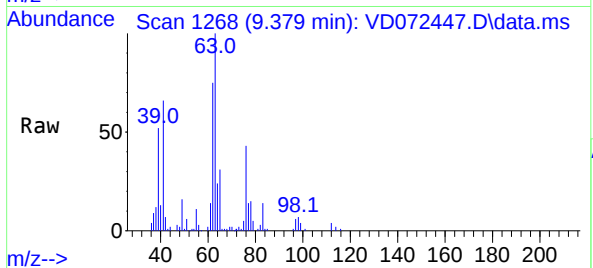
65 31.0 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#46

Dibromomethane

Concen: 20.992 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VD072447.D

Acq: 28 Mar 2022 15:05

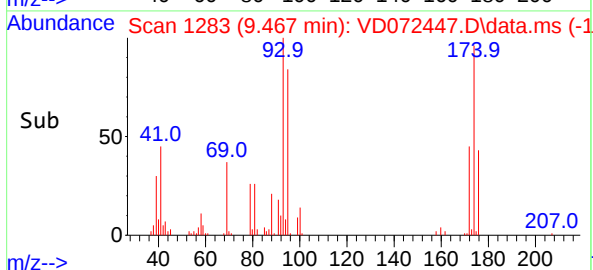
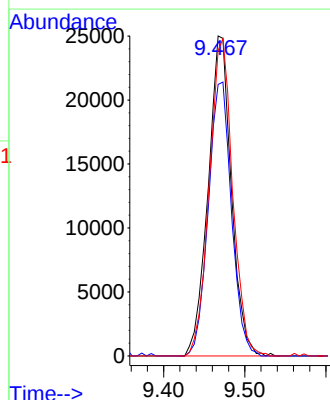
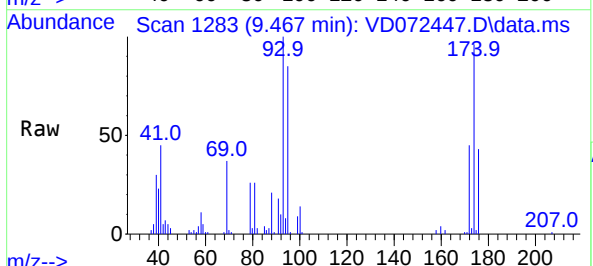
Tgt Ion: 93 Resp: 49707

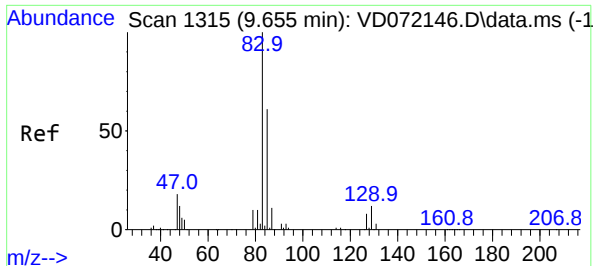
Ion Ratio Lower Upper

93 100

95 85.1 66.7 100.1

174 99.6 71.6 107.4





#47

Bromodichloromethane

Concen: 22.377 ug/l

RT: 9.655 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VD072447.D

Acq: 28 Mar 2022 15:05

Instrument :

MSVOA_D

ClientSampleId :

VD0328SBS01

Tgt Ion: 83 Resp: 154472

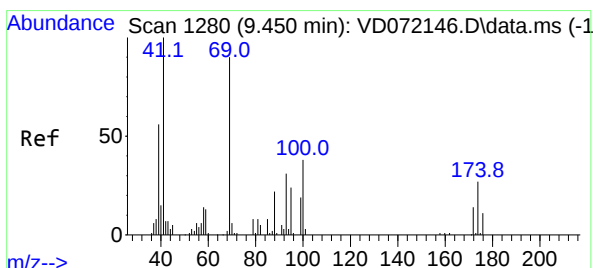
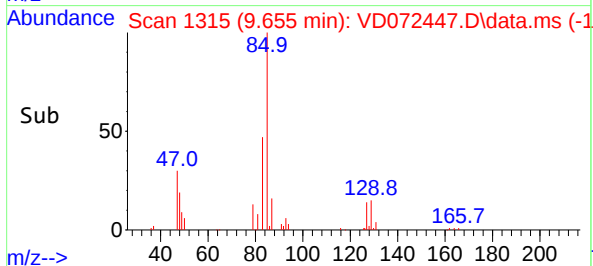
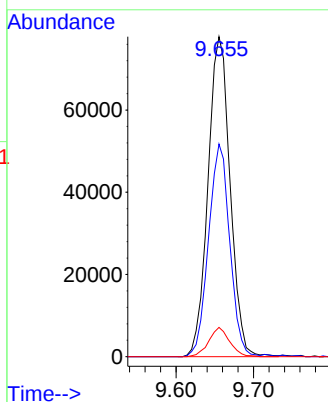
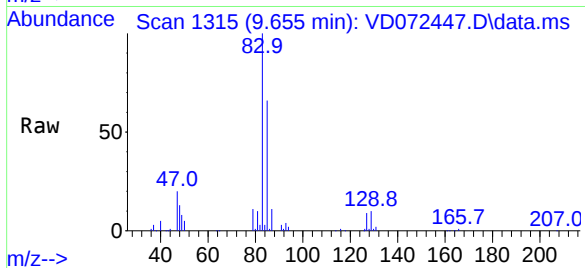
Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.4	77.0
127	9.1	6.1	9.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#48

Methyl methacrylate

Concen: 24.375 ug/l

RT: 9.449 min Scan# 1280

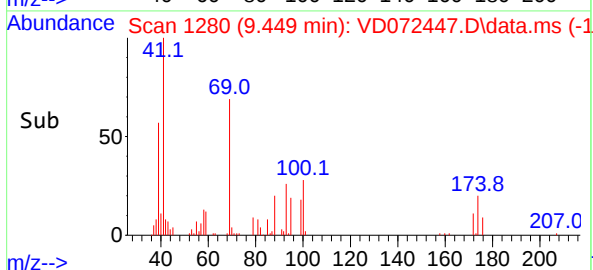
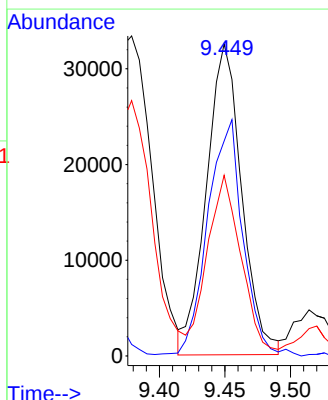
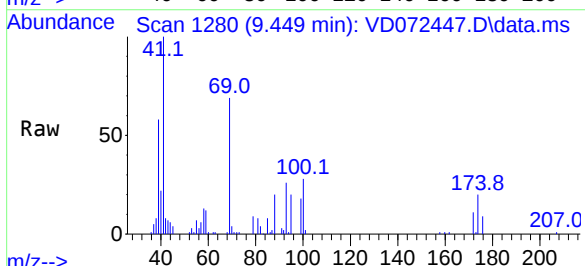
Delta R.T. -0.000 min

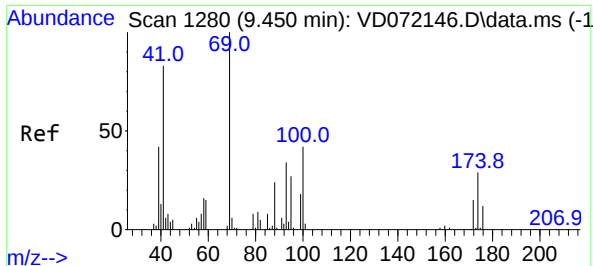
Lab File: VD072447.D

Acq: 28 Mar 2022 15:05

Tgt Ion: 41 Resp: 60882

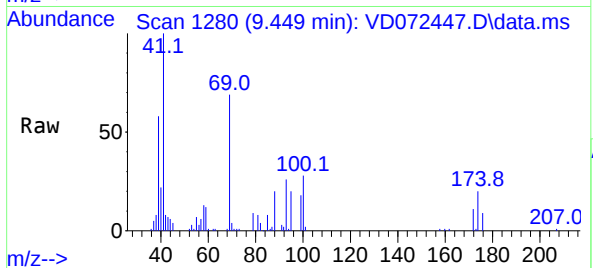
Ion	Ratio	Lower	Upper
41	100		
69	76.1	56.7	85.1
39	55.5	42.7	64.1





#49
1,4-Dioxane
Concen: 477.540 ug/l
RT: 9.449 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

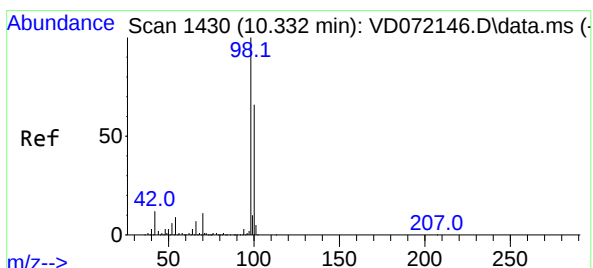
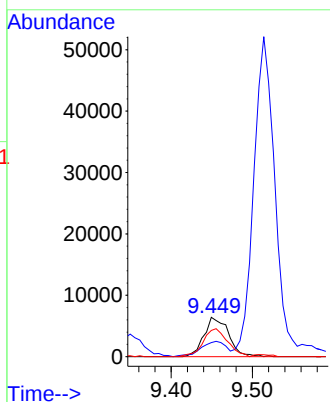
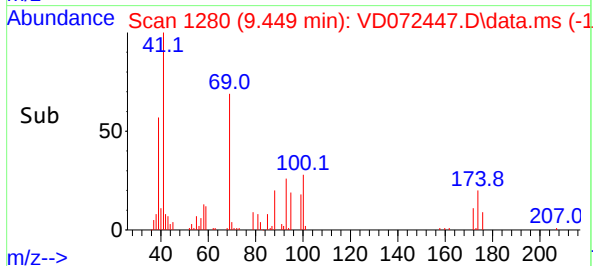
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



Tgt Ion: 88 Resp: 13560
Ion Ratio Lower Upper
88 100
43 39.8 31.0 46.4
58 70.4 58.1 87.1

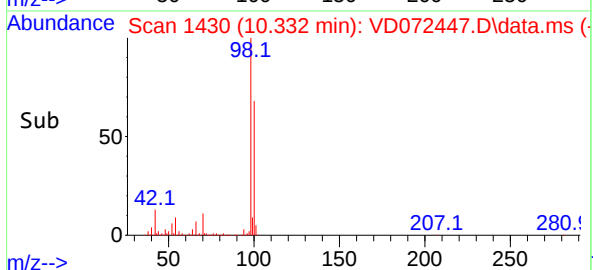
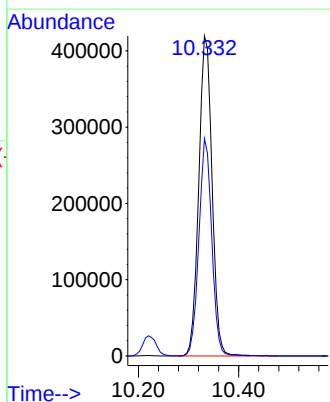
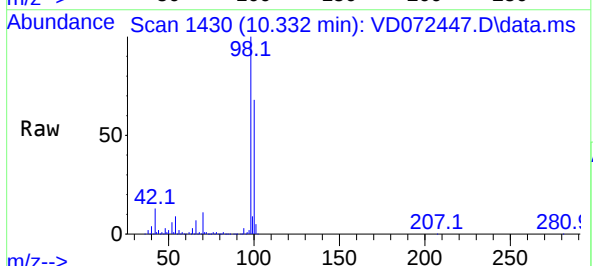
Manual Integrations
APPROVED

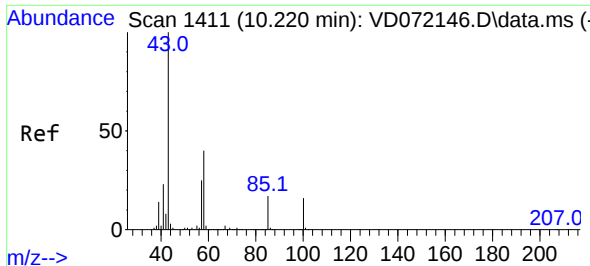
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#50
Toluene-d8
Concen: 48.103 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

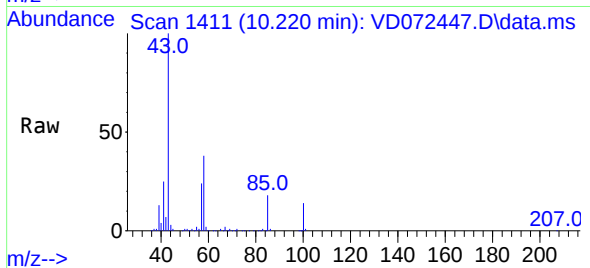
Tgt Ion: 98 Resp: 771391
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 124.973 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

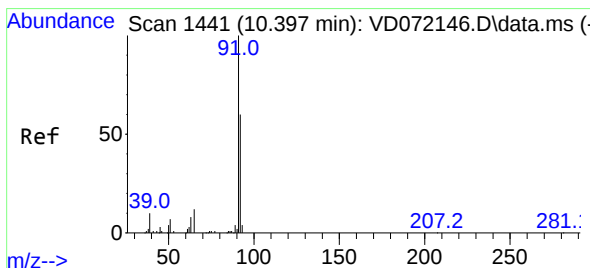
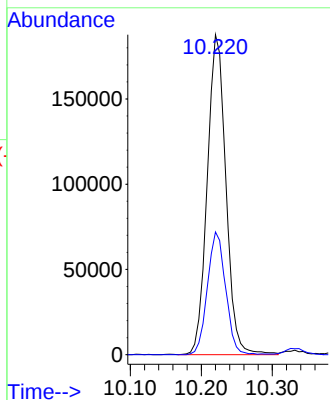
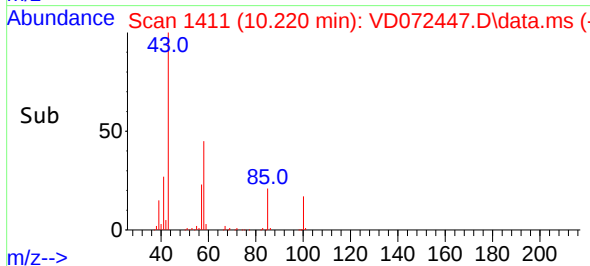
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



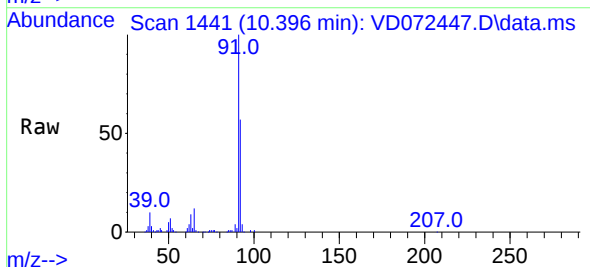
Tgt Ion: 43 Resp: 34335
Ion Ratio Lower Upper
43 100
58 37.3 28.6 43.0

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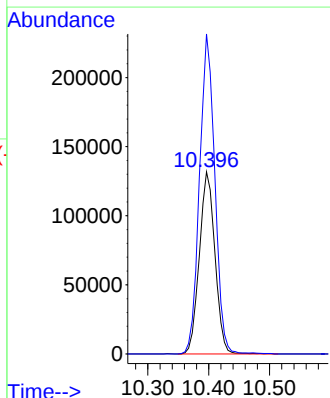
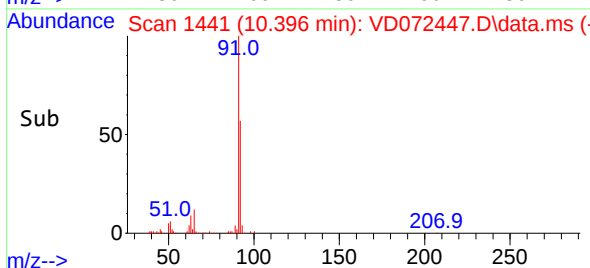
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

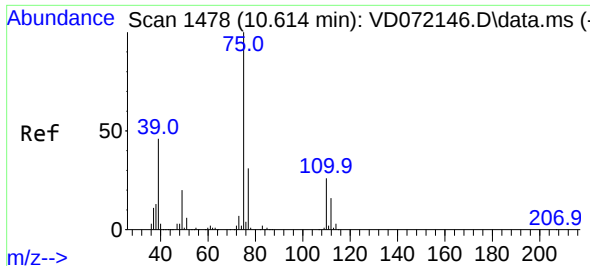


#52
Toluene
Concen: 20.304 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05



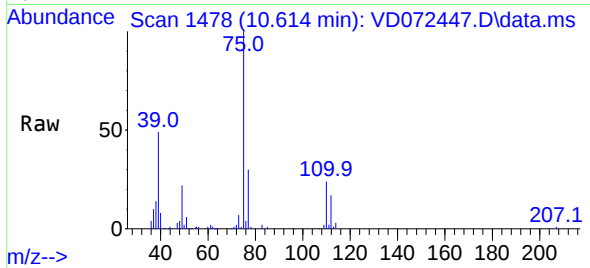
Tgt Ion: 92 Resp: 234507
Ion Ratio Lower Upper
92 100
91 171.8 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 21.943 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

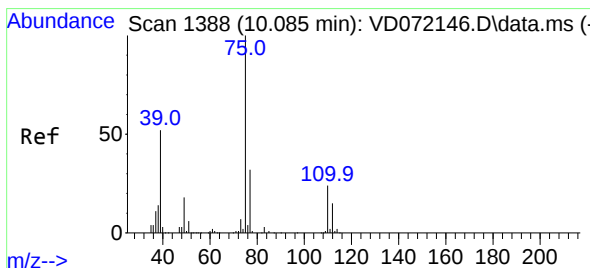
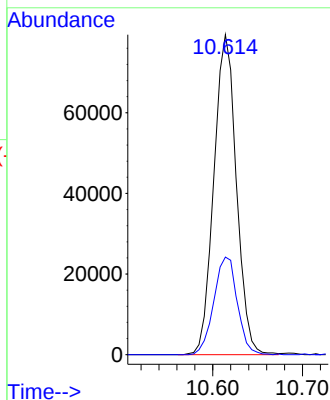
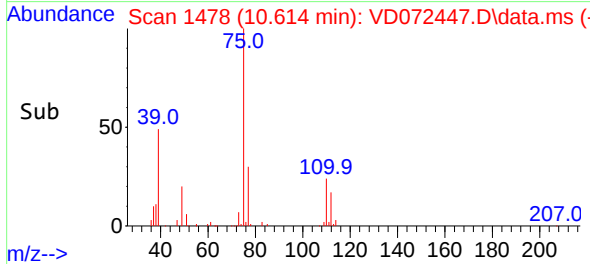
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



Tgt Ion: 75 Resp: 138392
Ion Ratio Lower Upper
75 100
77 30.5 24.5 36.7

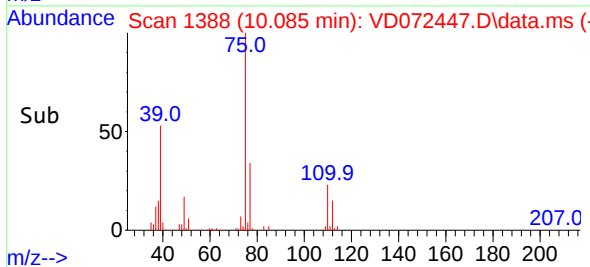
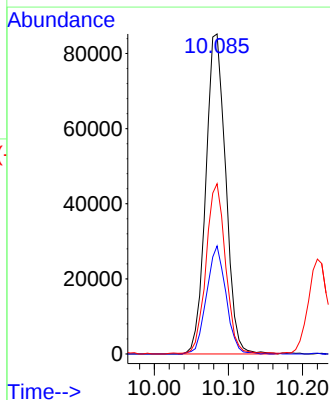
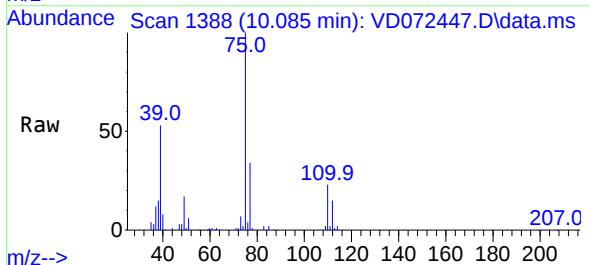
Manual Integrations
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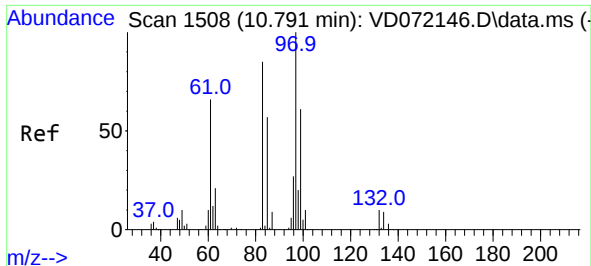
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#54
cis-1,3-Dichloropropene
Concen: 21.772 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

Tgt Ion: 75 Resp: 158741
Ion Ratio Lower Upper
75 100
77 33.7 24.8 37.2
39 53.0 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 22.844 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

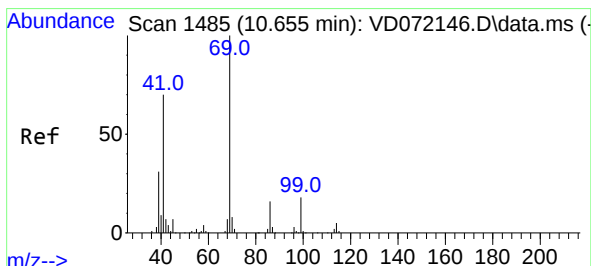
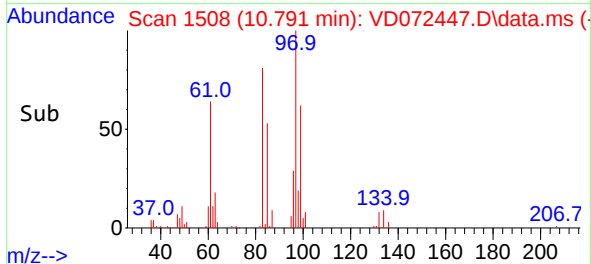
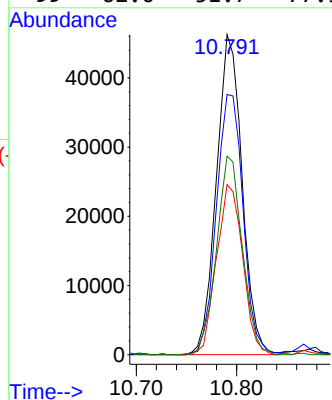
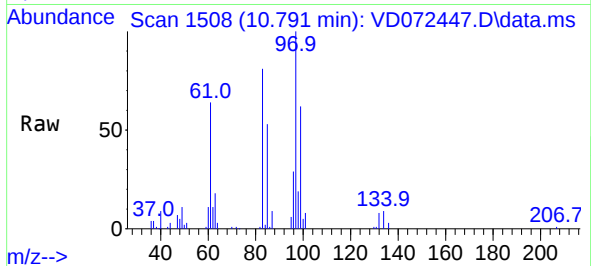
Instrument : MSVOA_D
ClientSampleId : VD0328SBSD01

Tgt Ion: 97 Resp: 82404

Ion	Ratio	Lower	Upper
97	100		
83	81.3	69.0	103.4
85	53.2	42.6	63.8
99	62.0	51.7	77.5

Manual Integrations
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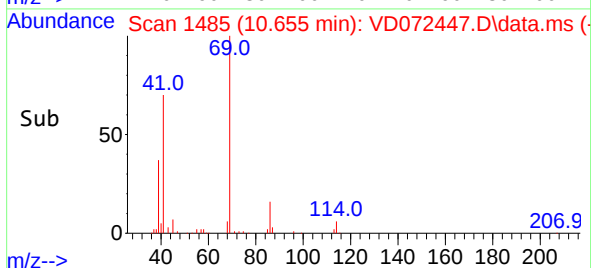
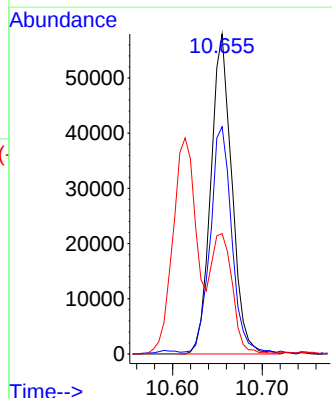
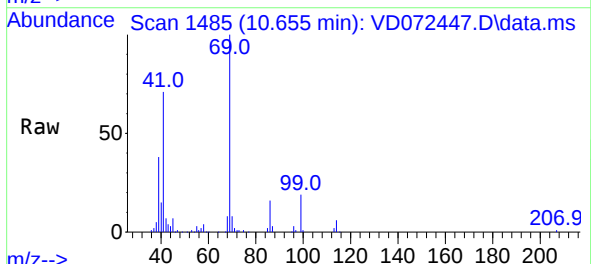
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

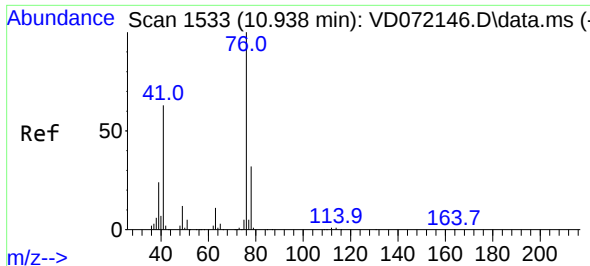


#56
Ethyl methacrylate
Concen: 22.352 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

Tgt Ion: 69 Resp: 94440

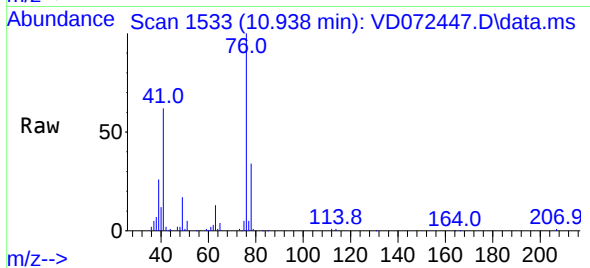
Ion	Ratio	Lower	Upper
69	100		
41	71.9	63.0	94.6
39	36.5	33.8	50.8





#57
1,3-Dichloropropane
Concen: 22.444 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

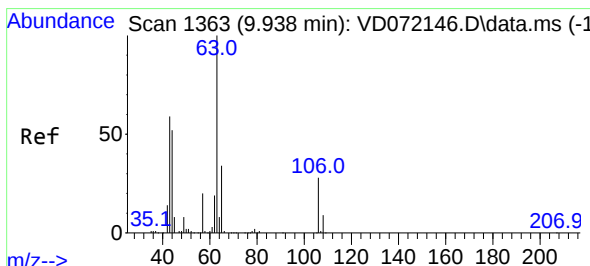
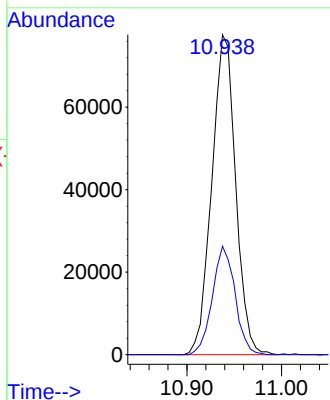
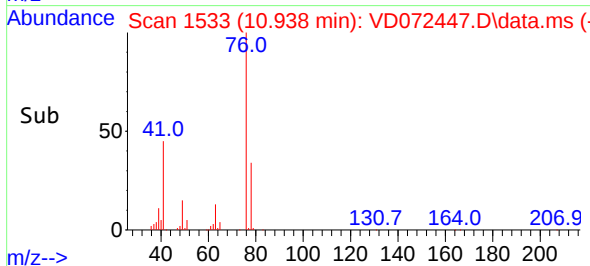
Instrument : MSVOA_D
ClientSampleId : VD0328SBS01



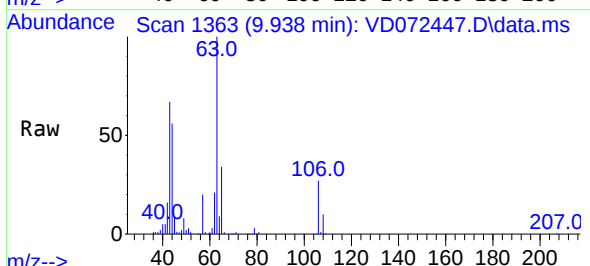
Tgt Ion: 76 Resp: 135879
Ion Ratio Lower Upper
76 100
78 32.2 26.0 39.0

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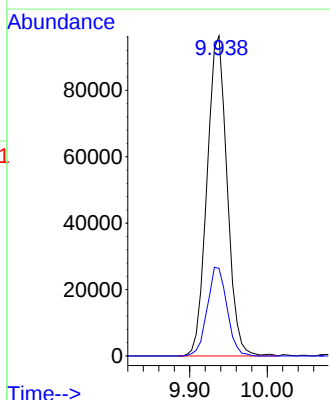
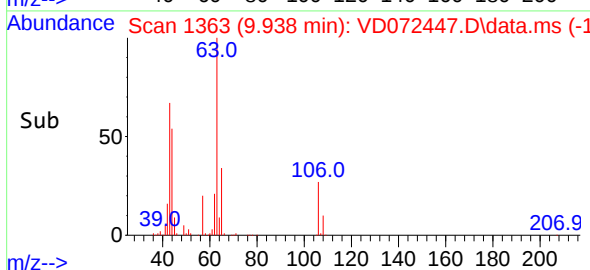
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

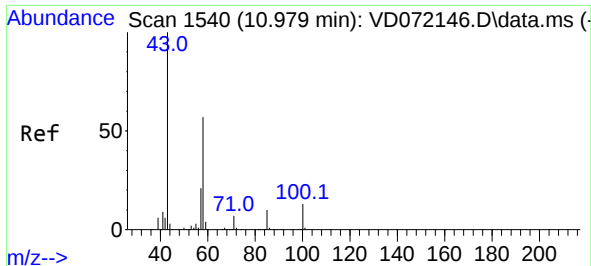


#58
2-Chloroethyl Vinyl ether
Concen: 91.394 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05



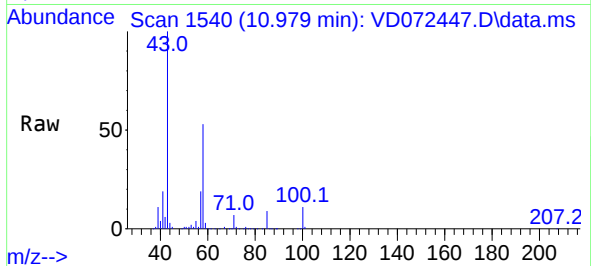
Tgt Ion: 63 Resp: 173622
Ion Ratio Lower Upper
63 100
106 27.2 21.4 32.0





#59
2-Hexanone
Concen: 124.201 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

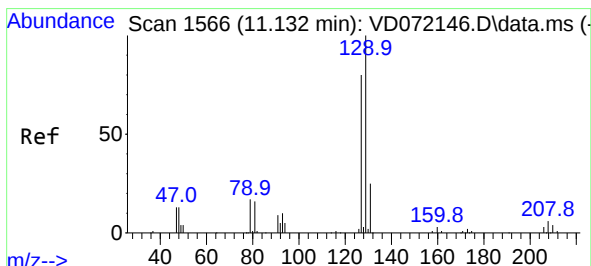
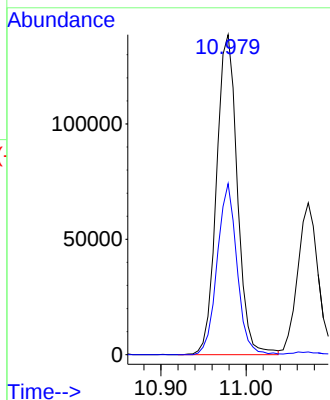
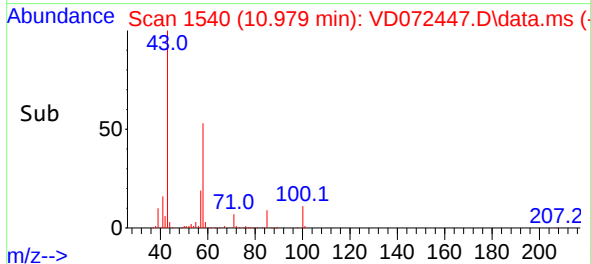
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



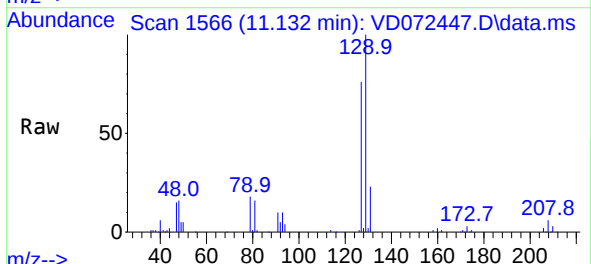
Tgt Ion: 43 Resp: 235680
Ion Ratio Lower Upper
43 100
58 50.7 25.3 75.9

Manual Integrations
APPROVED

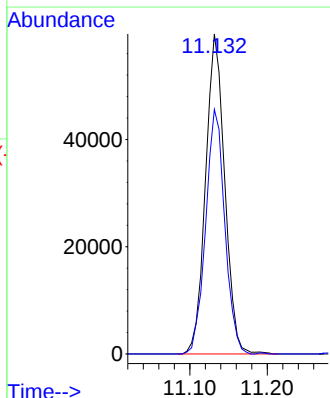
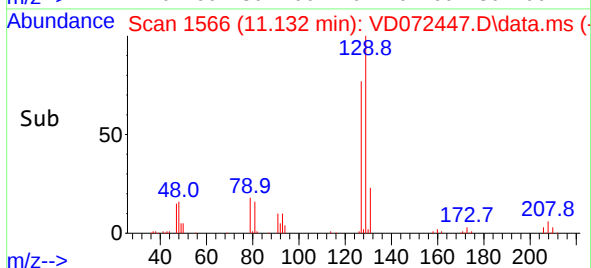
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

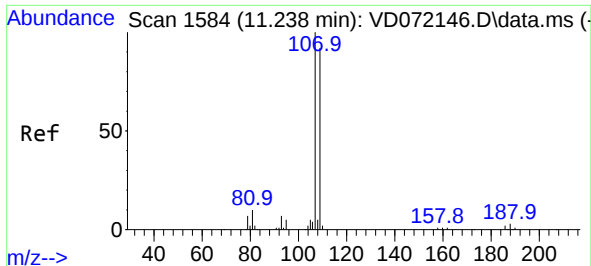


#60
Dibromochloromethane
Concen: 21.892 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05



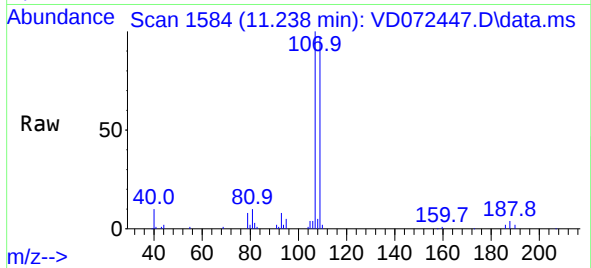
Tgt Ion:129 Resp: 102468
Ion Ratio Lower Upper
129 100
127 76.3 39.2 117.6





#61
1,2-Dibromoethane
Concen: 20.688 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

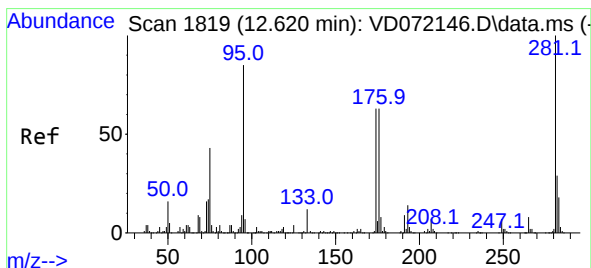
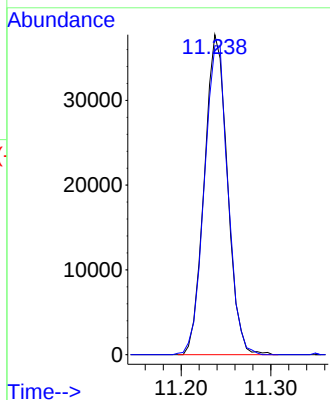
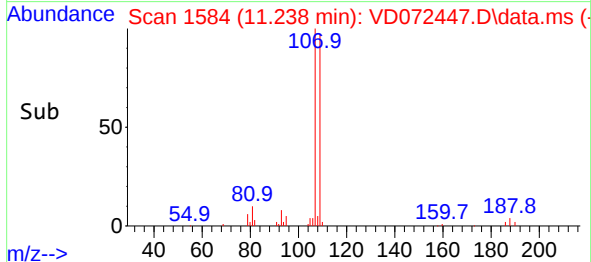
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBSD01



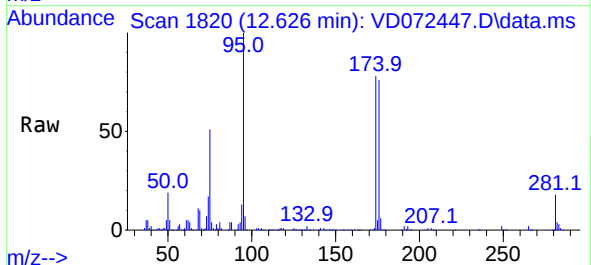
Tgt Ion:107 Resp: 6743
Ion Ratio Lower Upper
107 100
109 98.9 74.2 111.4

Manual Integrations
APPROVED

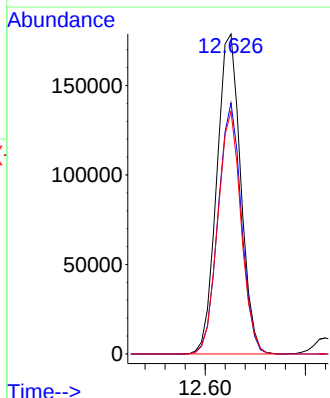
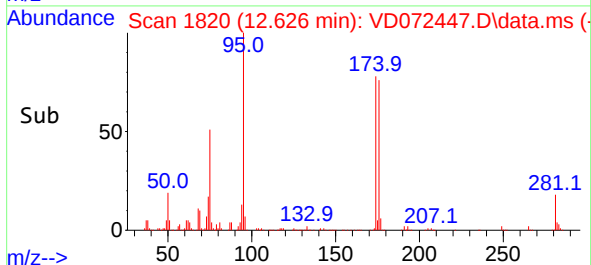
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#62
4-Bromofluorobenzene
Concen: 47.395 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05



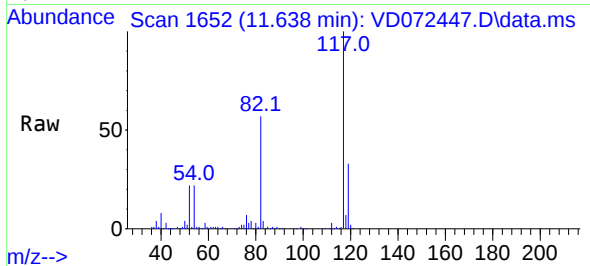
Tgt Ion: 95 Resp: 295314
Ion Ratio Lower Upper
95 100
174 76.4 0.0 152.8
176 73.8 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

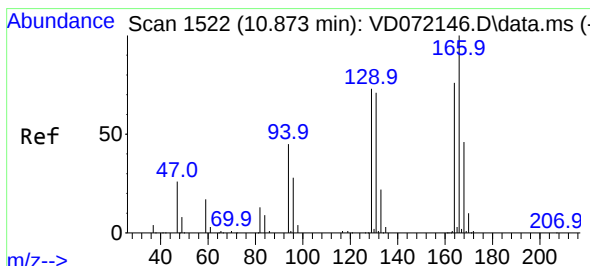
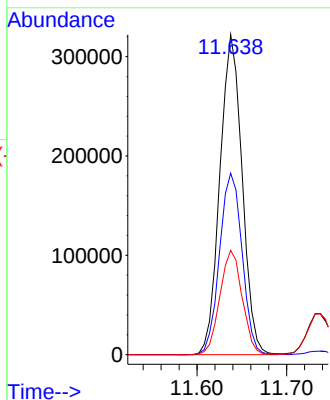
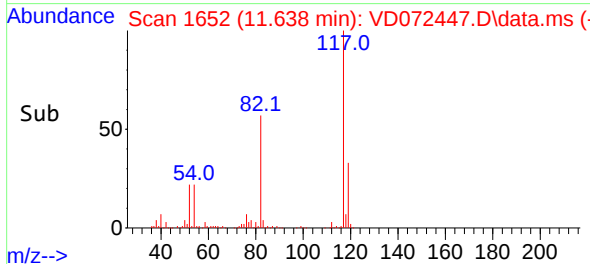
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBSD01



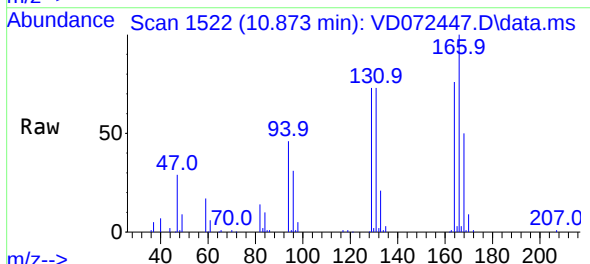
Tgt Ion:117 Resp: 555080
Ion Ratio Lower Upper
117 100
82 56.7 45.3 67.9
119 32.6 26.6 40.0

Manual Integrations
APPROVED

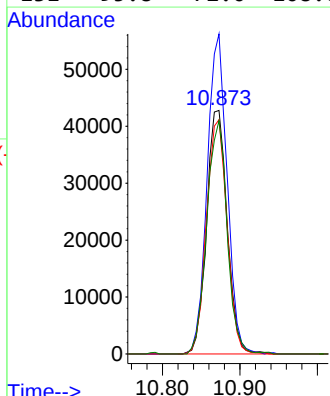
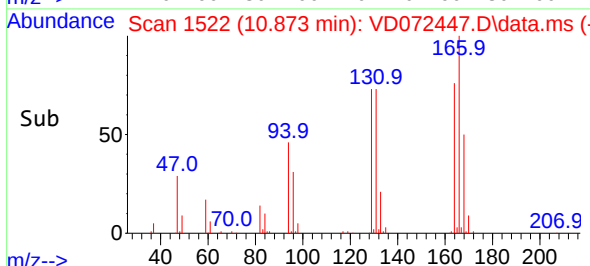
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

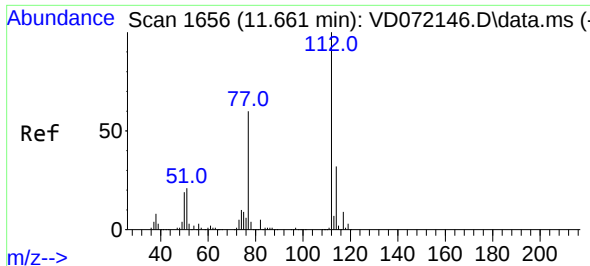


#64
Tetrachloroethene
Concen: 20.249 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05



Tgt Ion:164 Resp: 79193
Ion Ratio Lower Upper
164 100
166 131.4 98.5 147.7
129 96.2 74.6 111.8
131 95.8 72.0 108.0





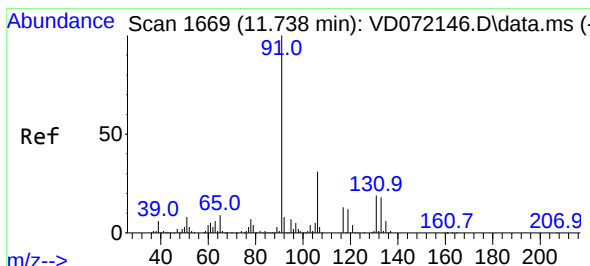
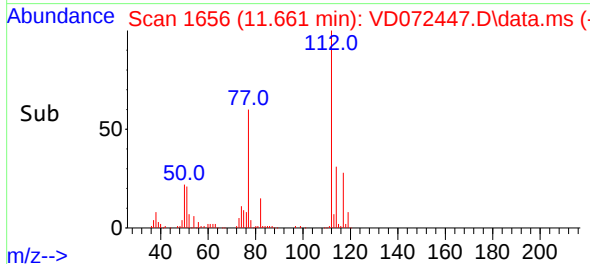
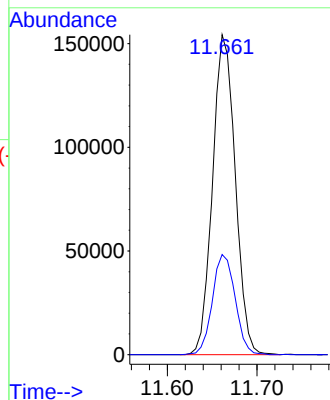
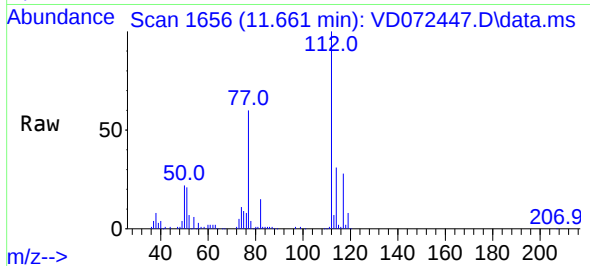
#65
Chlorobenzene
Concen: 22.037 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

Instrument : MSVOA_D
ClientSampleId : VD0328SBSD01

Tgt Ion:112 Resp: 27118
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6

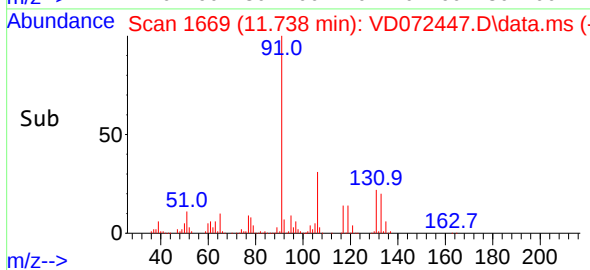
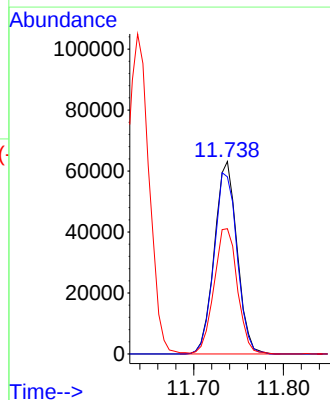
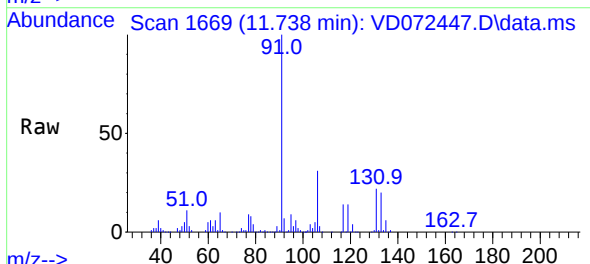
Manual Integrations
APPROVED

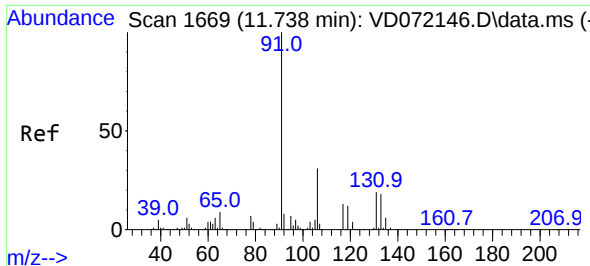
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 22.797 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

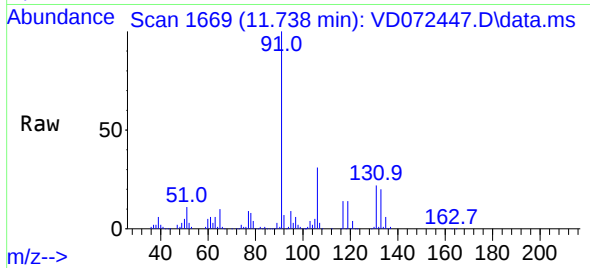
Tgt Ion:131 Resp: 110935
Ion Ratio Lower Upper
131 100
133 95.8 48.1 144.3
119 67.2 31.9 95.9





#67
Ethyl Benzene
Concen: 21.934 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

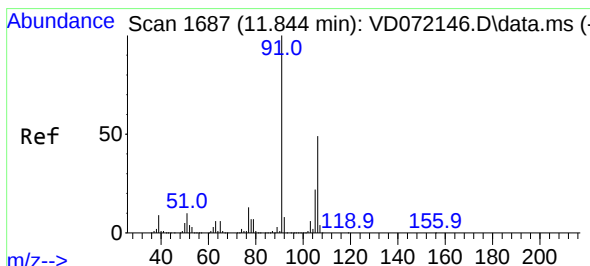
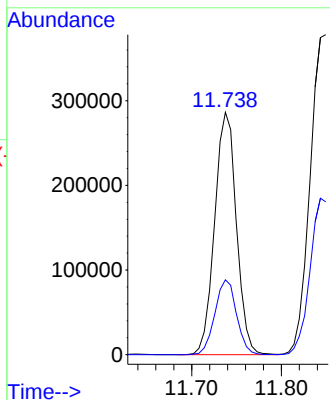
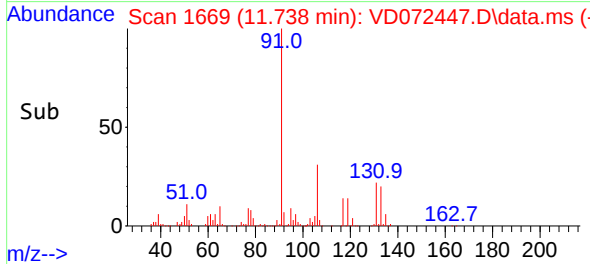
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBSD01



Tgt Ion: 91 Resp: 482084
Ion Ratio Lower Upper
91 100
106 30.9 24.2 36.4

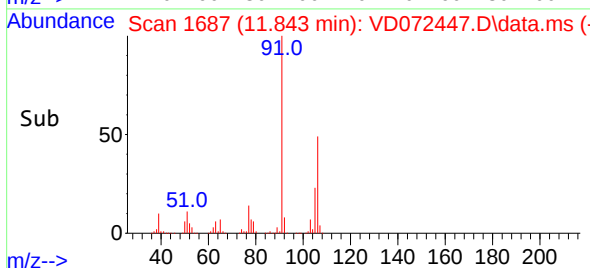
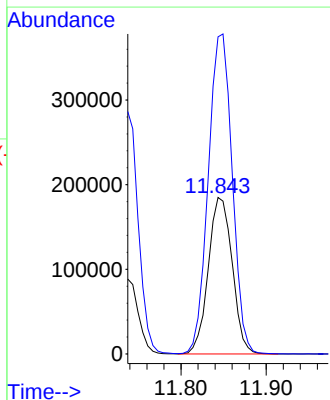
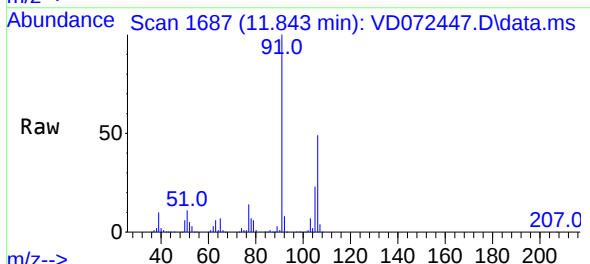
Manual Integrations
APPROVED

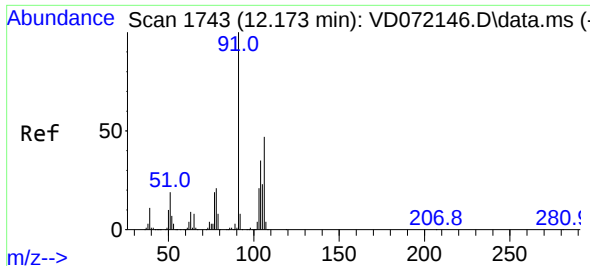
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#68
m/p-Xylenes
Concen: 43.224 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

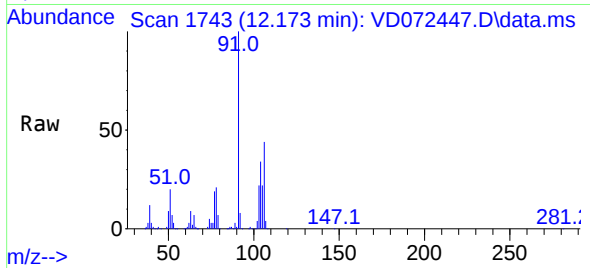
Tgt Ion:106 Resp: 360733
Ion Ratio Lower Upper
106 100
91 204.9 163.7 245.5





#69
o-Xylene
Concen: 21.954 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

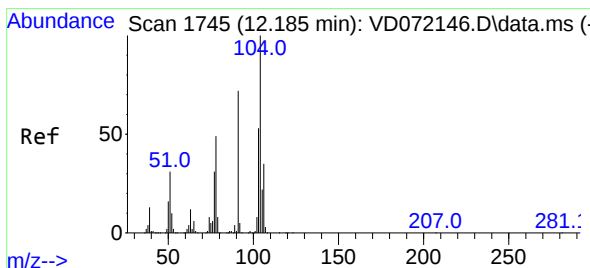
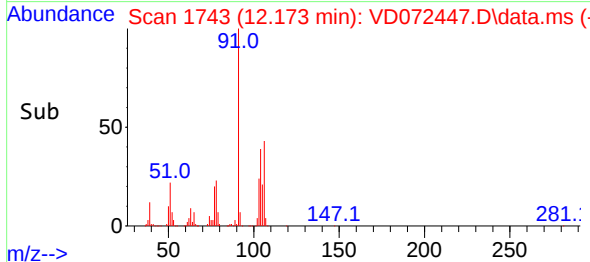
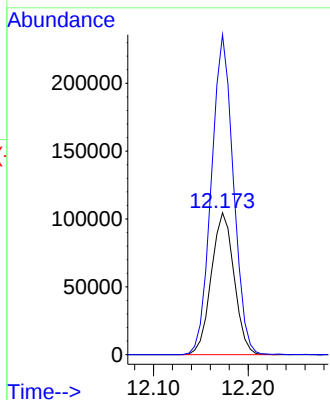
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBSD01



Tgt Ion:106 Resp: 175252
Ion Ratio Lower Upper
106 100
91 217.8 110.4 331.2

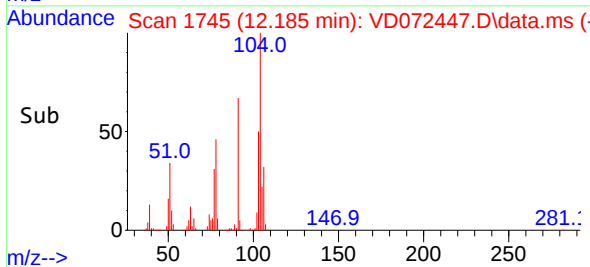
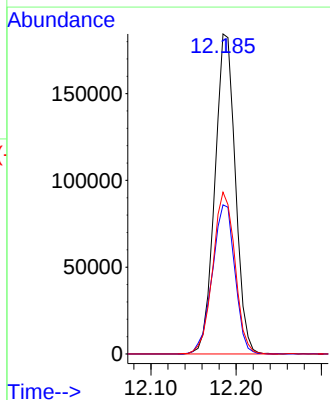
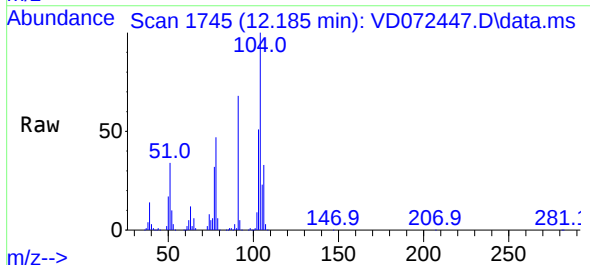
Manual Integrations
APPROVED

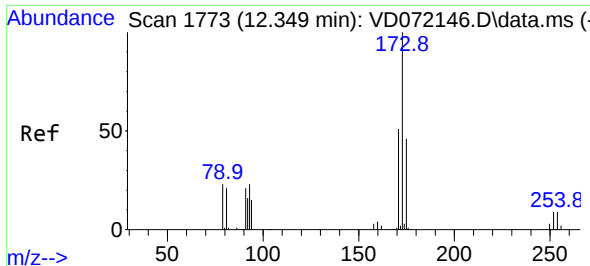
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#70
Styrene
Concen: 22.169 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

Tgt Ion:104 Resp: 309027
Ion Ratio Lower Upper
104 100
78 51.2 41.8 62.8
103 54.6 44.2 66.4





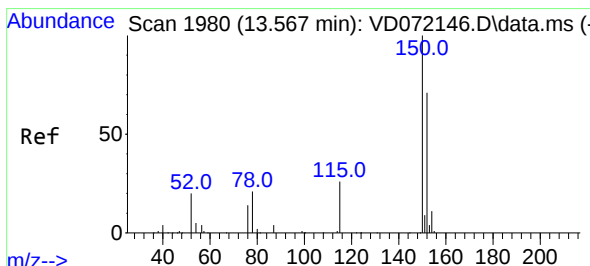
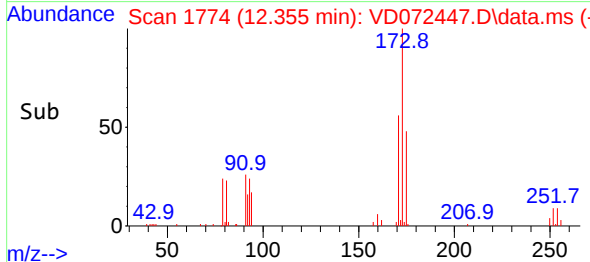
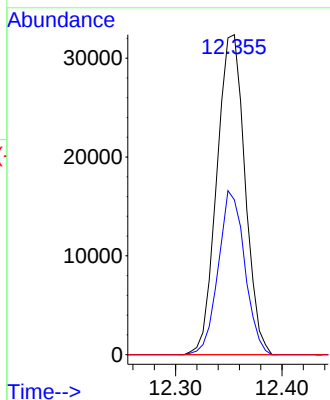
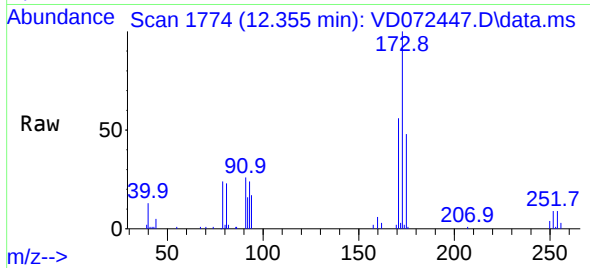
#71
Bromoform
Concen: 22.843 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

Instrument :
MSVOA_D
ClientSampleId :
VD0328SBSD01

Tgt Ion:173 Resp: 59380
Ion Ratio Lower Upper
173 100
175 48.1 23.9 71.8
254 0.0 0.0 0.0

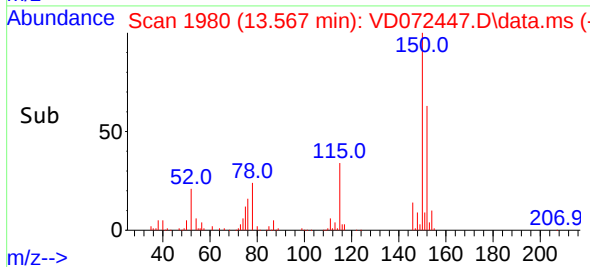
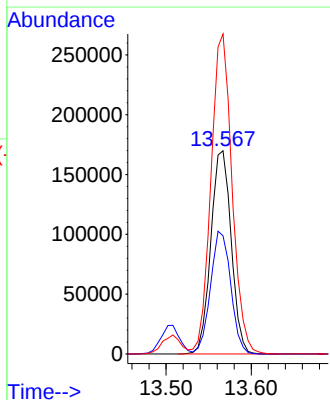
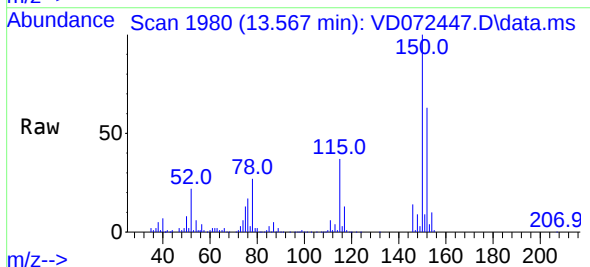
Manual Integrations
APPROVED

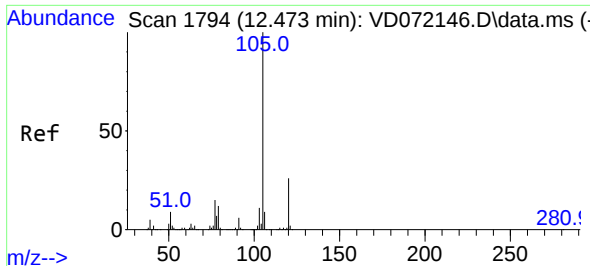
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

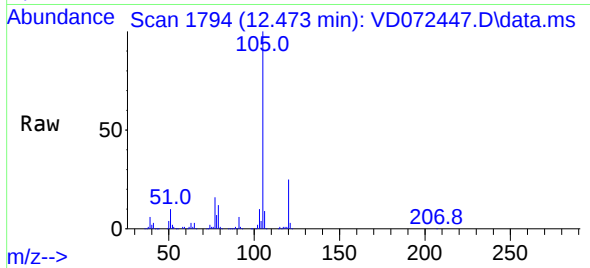
Tgt Ion:152 Resp: 281971
Ion Ratio Lower Upper
152 100
115 59.9 31.3 93.8
150 163.1 0.0 348.6





#73
Isopropylbenzene
Concen: 22.943 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

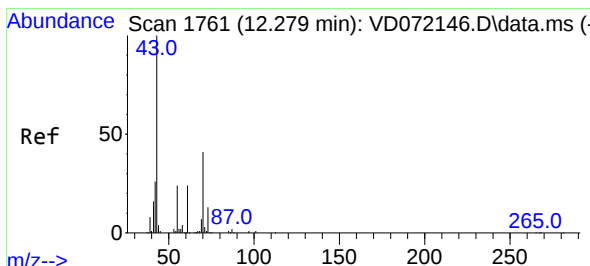
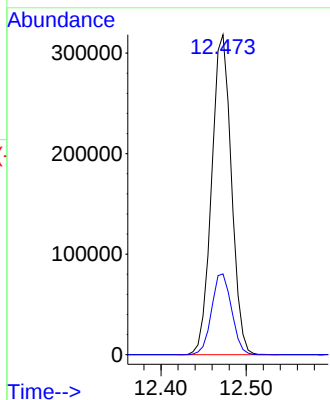
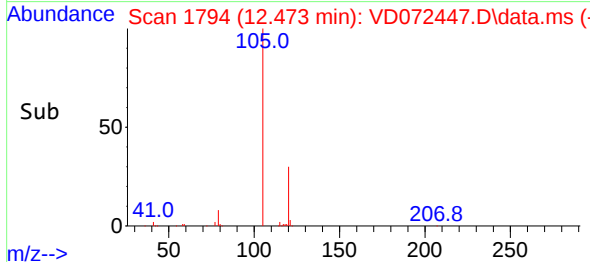
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



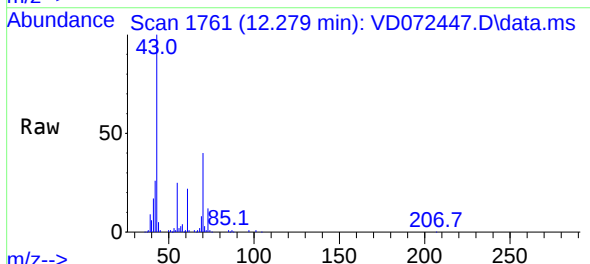
Tgt Ion:105 Resp: 512652
Ion Ratio Lower Upper
105 100
120 25.6 13.0 38.9

Manual Integrations
APPROVED

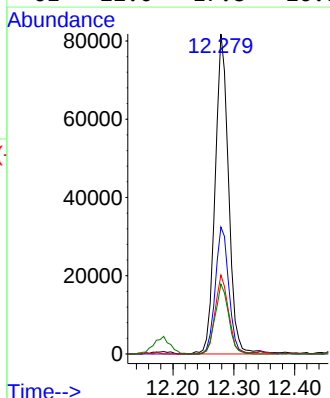
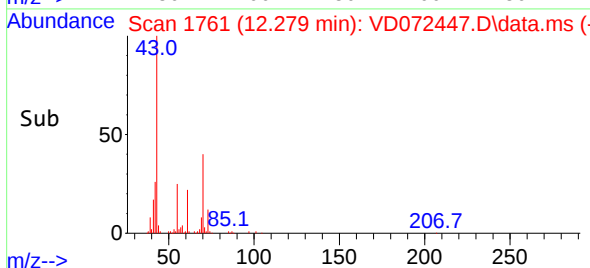
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

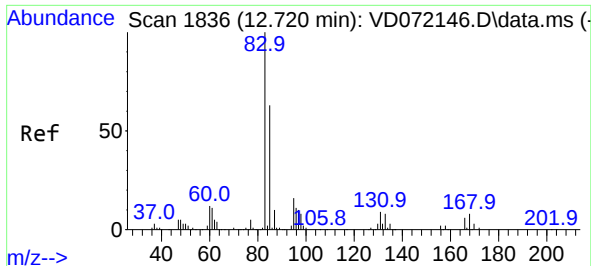


#74
N-ethyl acetate
Concen: 26.154 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05



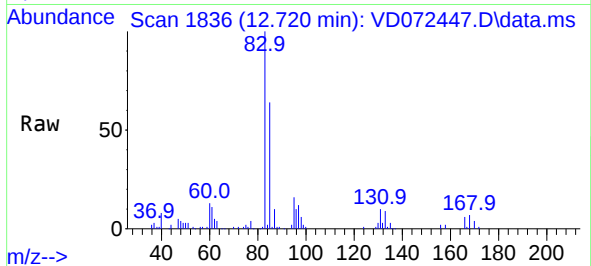
Tgt Ion: 43 Resp: 125591
Ion Ratio Lower Upper
43 100
70 39.4 31.3 46.9
55 24.6 20.0 30.0
61 22.0 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 23.806 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

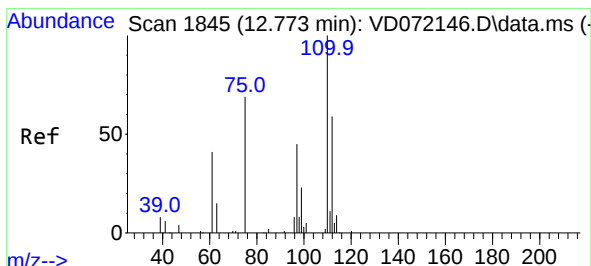
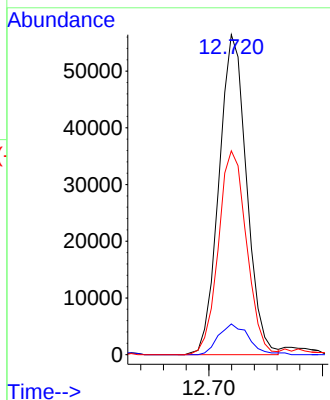
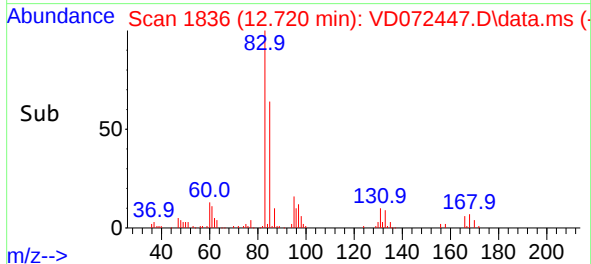
Instrument : MSVOA_D
ClientSampleId : VD0328SBS01



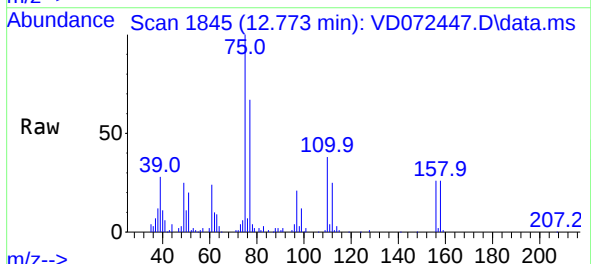
Tgt Ion: 83 Resp: 9513
Ion Ratio Lower Upper
83 100
131 10.6 5.0 14.9
85 65.1 32.6 98.0

Manual Integrations
APPROVED

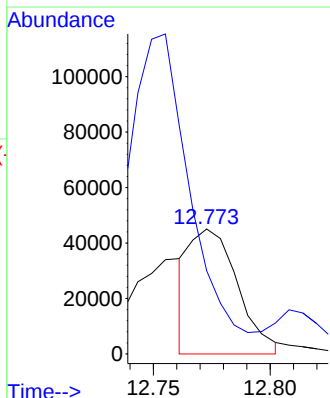
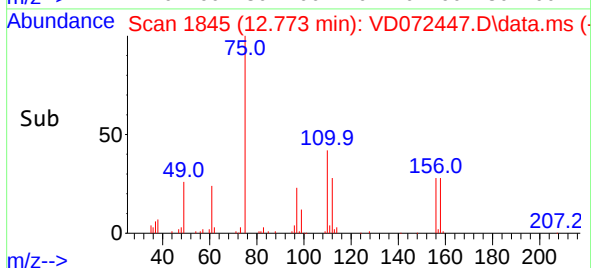
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

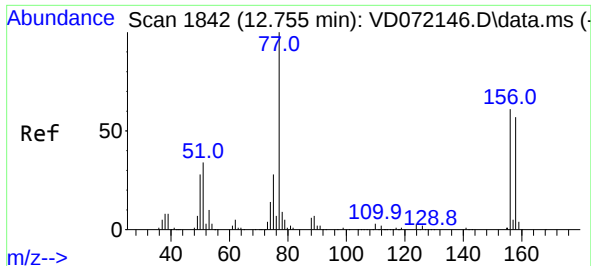


#76
1,2,3-Trichloropropane
Concen: 20.709 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05



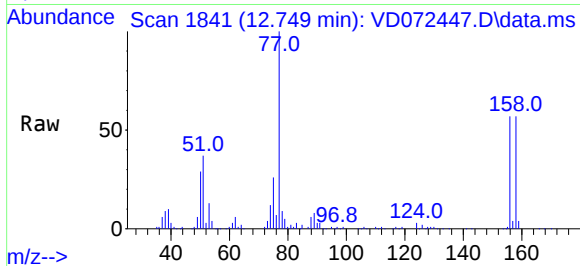
Tgt Ion: 75 Resp: 64414
Ion Ratio Lower Upper
75 100
77 337.7 0.0 0.0#





#77
Bromobenzene
Concen: 22.383 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

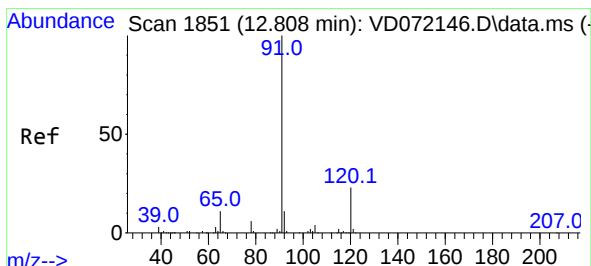
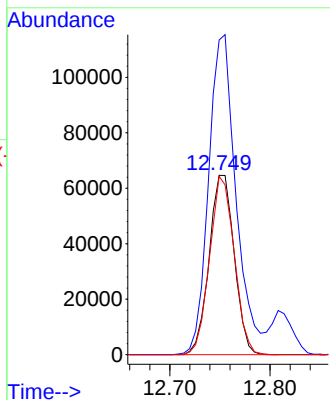
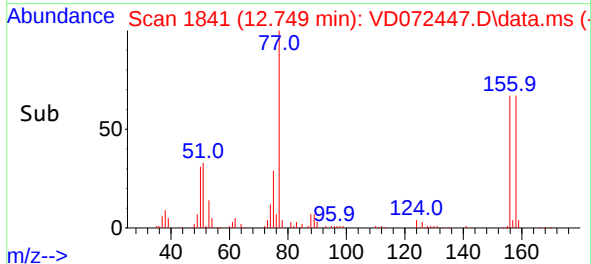
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBSD01



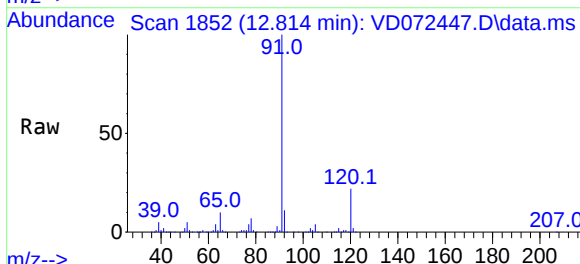
Tgt Ion:156 Resp: 112568
Ion Ratio Lower Upper
156 100
77 193.3 102.8 308.3
158 97.4 48.7 146.1

Manual Integrations
APPROVED

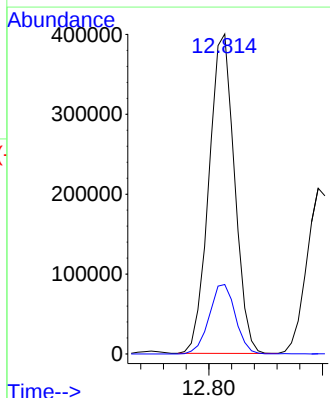
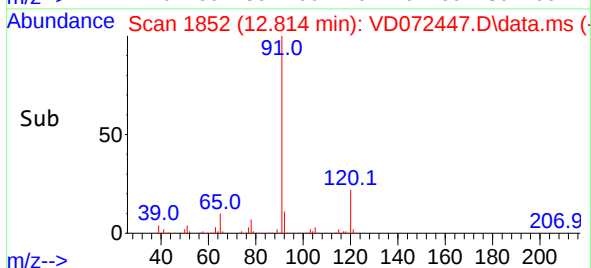
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

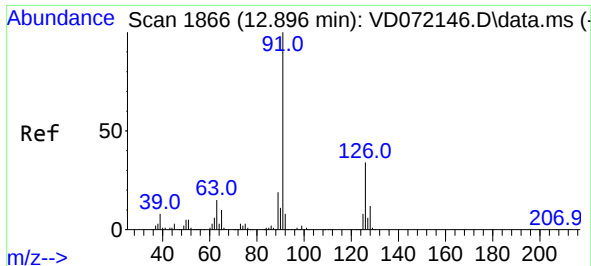


#78
n-propylbenzene
Concen: 23.070 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05



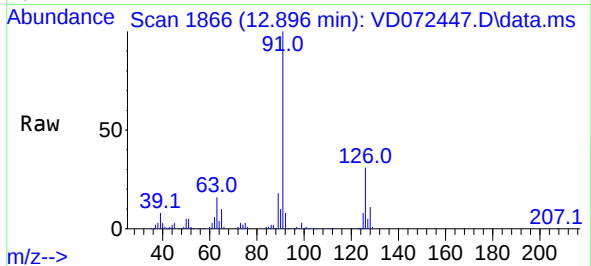
Tgt Ion: 91 Resp: 626141
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.9





#79
2-Chlorotoluene
Concen: 22.854 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

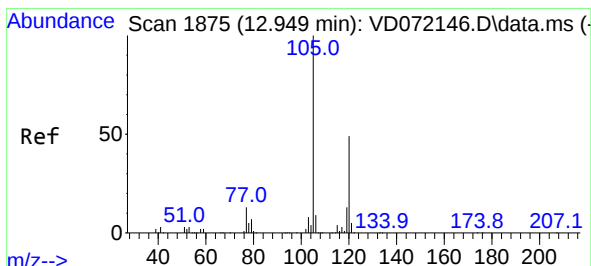
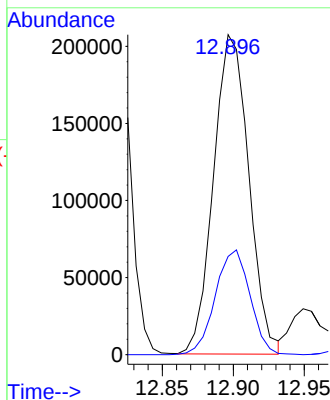
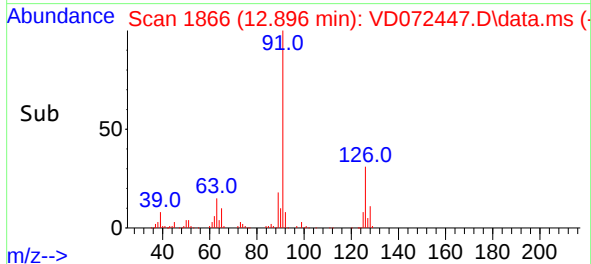
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBSD01



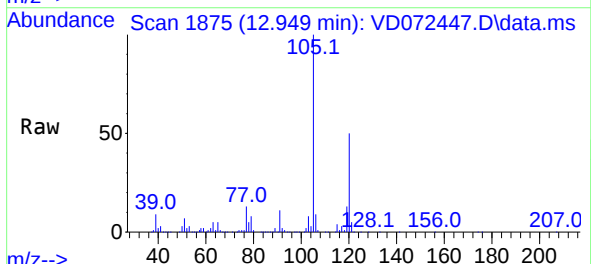
Tgt Ion: 91 Resp: 358679
Ion Ratio Lower Upper
91 100
126 32.2 16.2 48.6

Manual Integrations
APPROVED

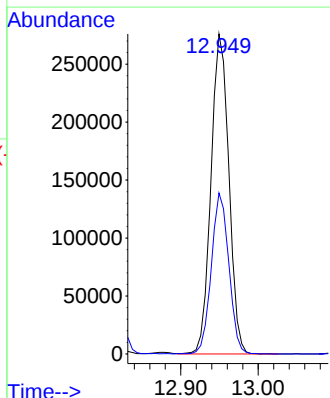
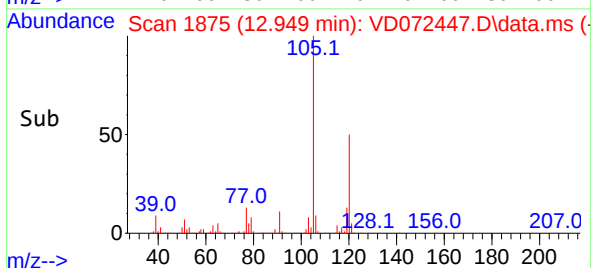
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

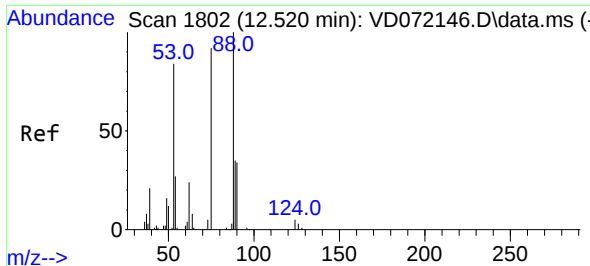


#80
1,3,5-Trimethylbenzene
Concen: 23.017 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05



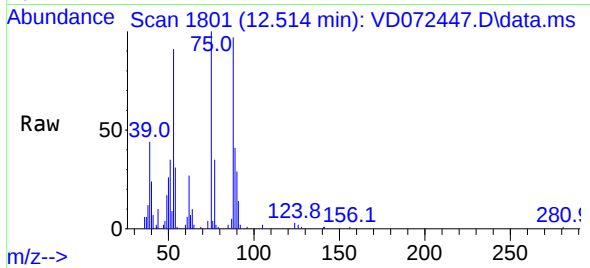
Tgt Ion:105 Resp: 441847
Ion Ratio Lower Upper
105 100
120 49.3 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 23.360 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

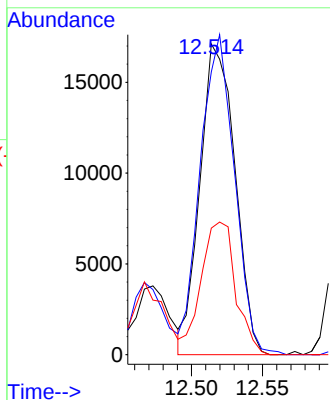
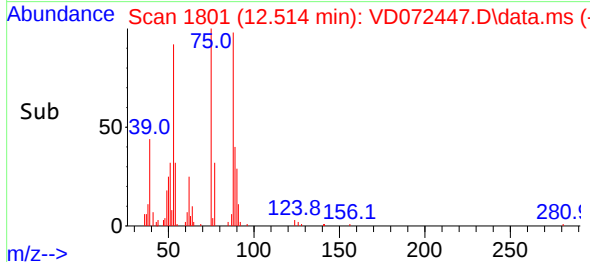
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



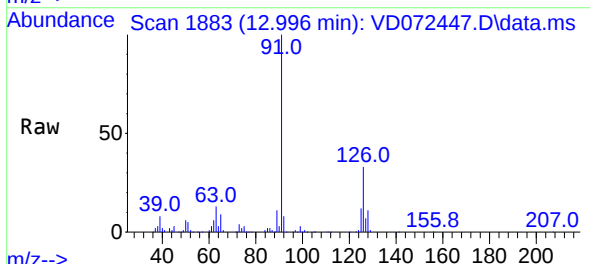
Tgt Ion: 75 Resp: 2928
Ion Ratio Lower Upper
75 100
53 100.6 86.5 129.7
89 42.4 33.9 50.9

Manual Integrations
APPROVED

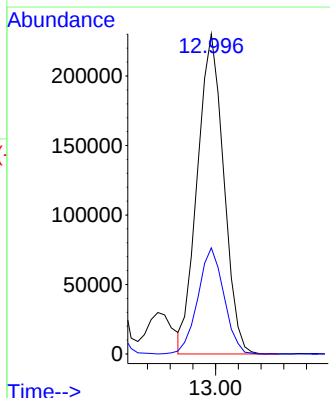
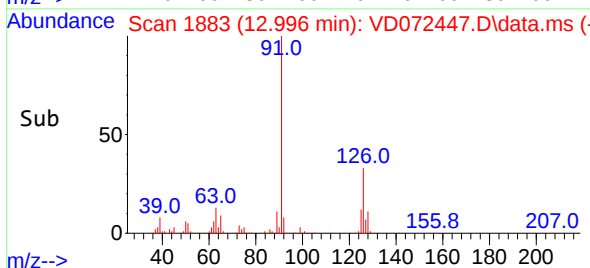
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

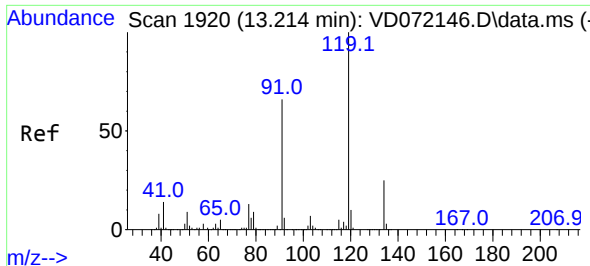


#82
4-Chlorotoluene
Concen: 22.814 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05



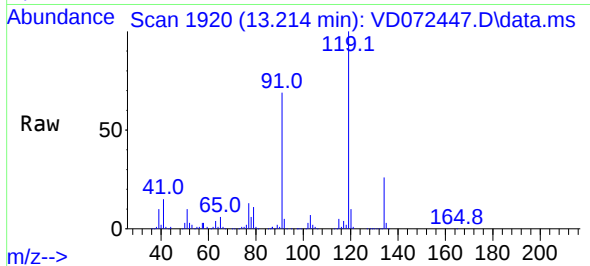
Tgt Ion: 91 Resp: 370734
Ion Ratio Lower Upper
91 100
126 32.7 16.5 49.5





#83
tert-Butylbenzene
Concen: 22.792 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

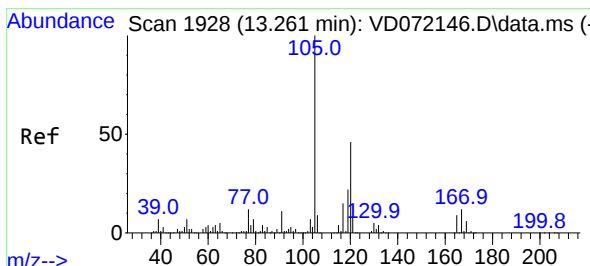
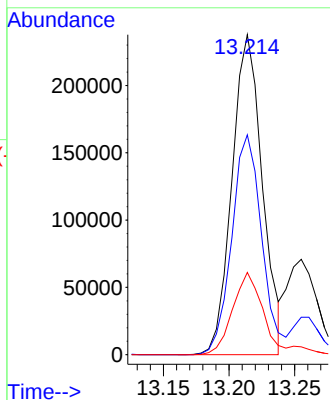
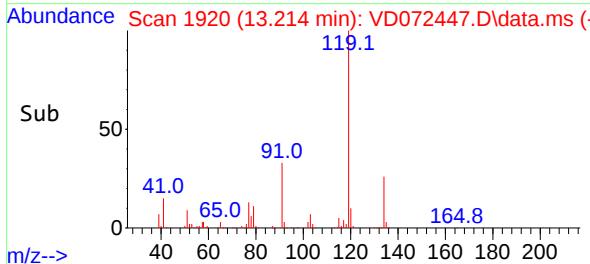
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBSD01



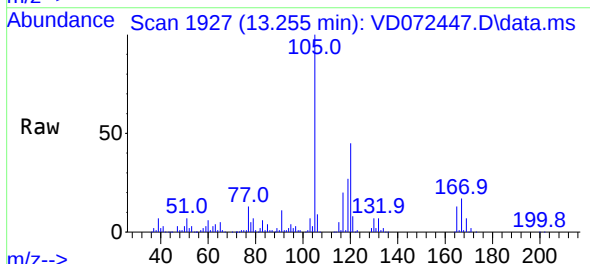
Tgt Ion:119 Resp: 383590
Ion Ratio Lower Upper
119 100
91 68.1 34.8 104.5
134 27.1 13.3 39.9

Manual Integrations
APPROVED

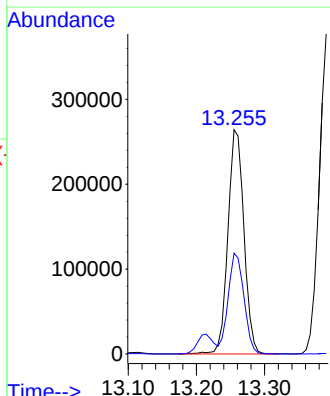
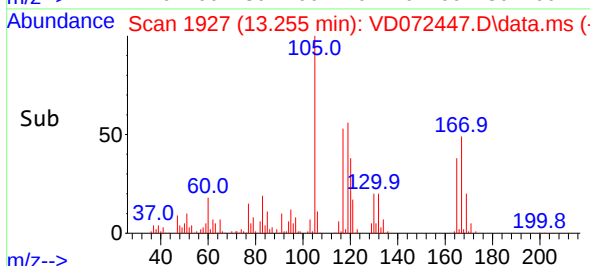
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

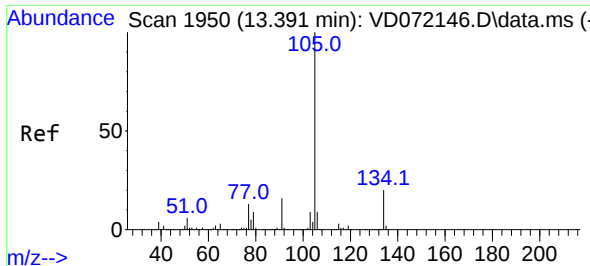


#84
1,2,4-Trimethylbenzene
Concen: 22.831 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05



Tgt Ion:105 Resp: 431837
Ion Ratio Lower Upper
105 100
120 44.3 22.3 66.8





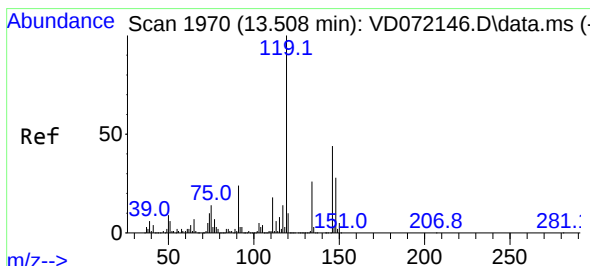
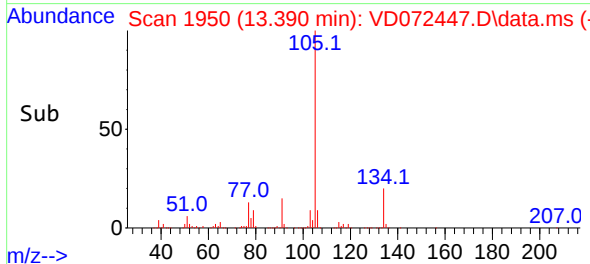
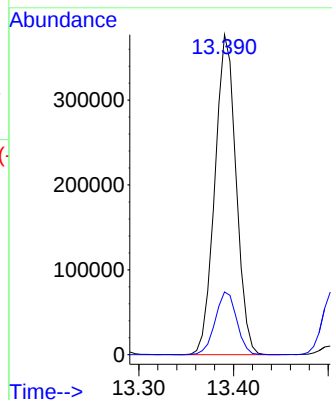
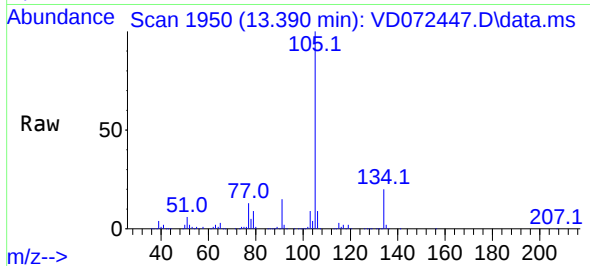
#85
 sec-Butylbenzene
 Concen: 23.255 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD072447.D
 Acq: 28 Mar 2022 15:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0328SBS01

Tgt Ion:105 Resp: 587735
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

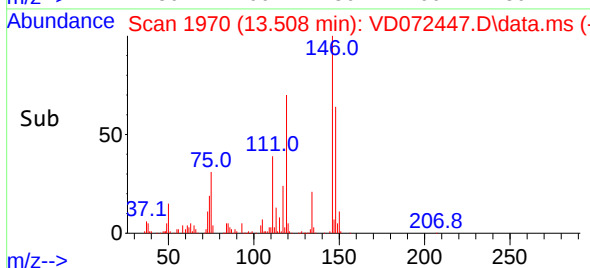
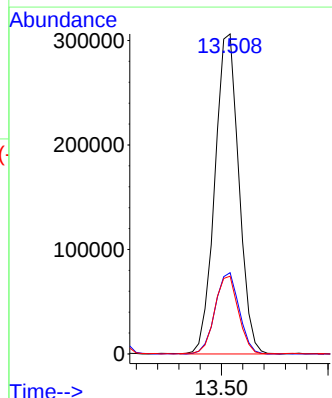
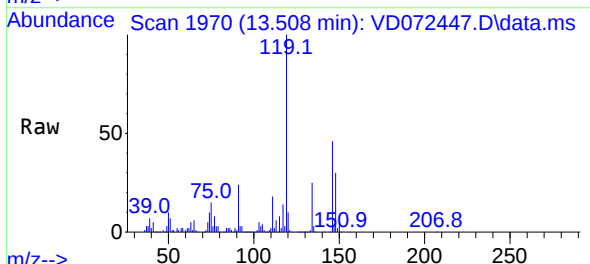
Manual Integrations
 APPROVED

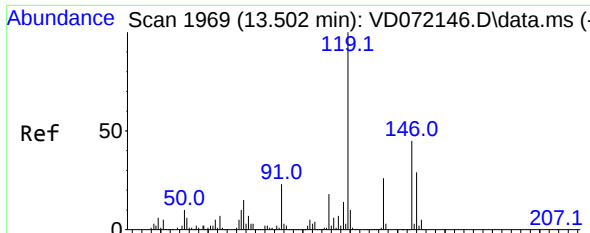
Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022



#86
 p-Isopropyltoluene
 Concen: 22.994 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. -0.000 min
 Lab File: VD072447.D
 Acq: 28 Mar 2022 15:05

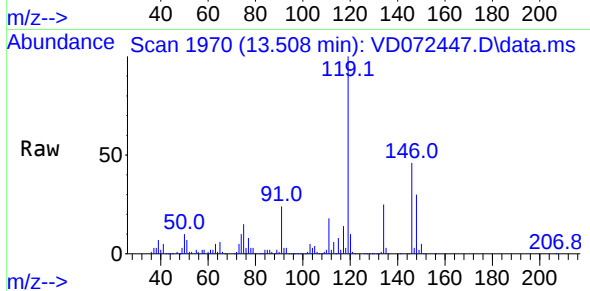
Tgt Ion:119 Resp: 478218
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.9 38.6
 91 24.1 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 22.489 ug/l
RT: 13.508 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

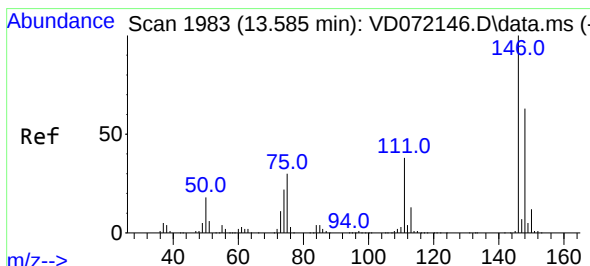
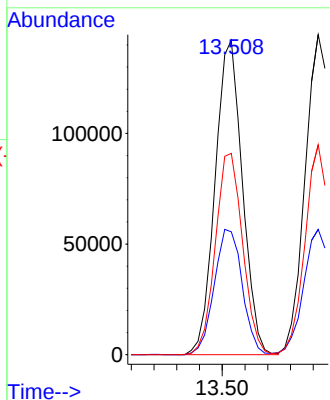
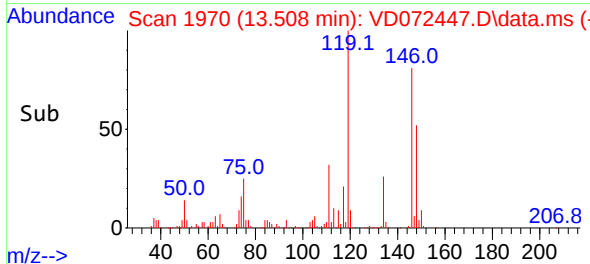
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



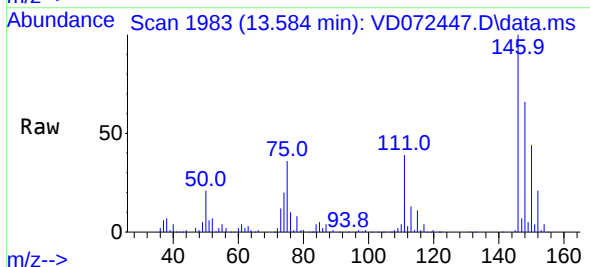
Tgt Ion:146 Resp: 23704
Ion Ratio Lower Upper
146 100
111 40.9 20.4 61.3
148 64.1 31.9 95.7

Manual Integrations
APPROVED

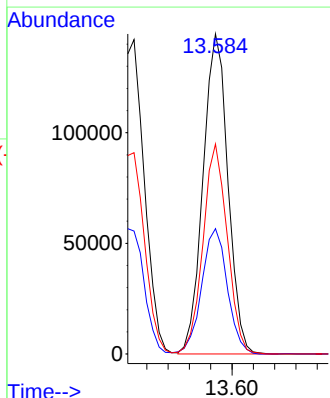
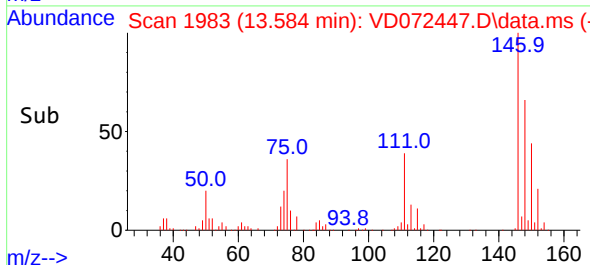
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

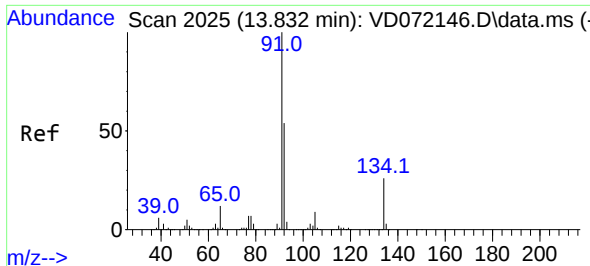


#88
1,4-Dichlorobenzene
Concen: 22.458 ug/l
RT: 13.584 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05



Tgt Ion:146 Resp: 234731
Ion Ratio Lower Upper
146 100
111 40.4 20.3 60.9
148 64.1 31.7 95.1





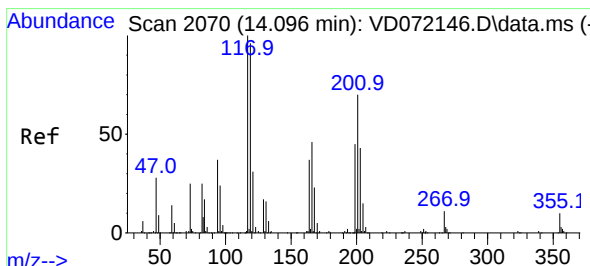
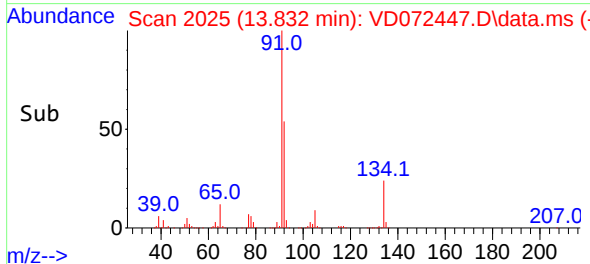
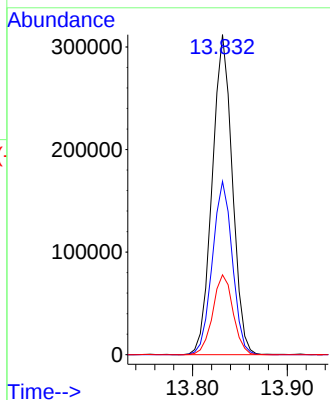
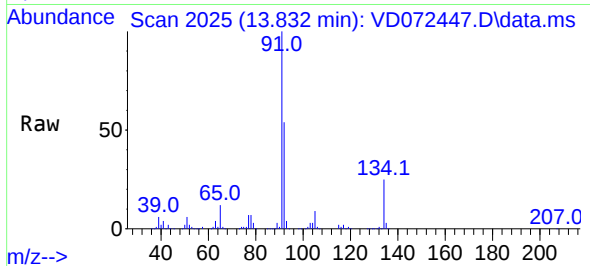
#89
n-Butylbenzene
Concen: 23.224 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

Instrument :
MSVOA_D
ClientSampleId :
VD0328SBSD01

Tgt Ion: 91 Resp: 460369
Ion Ratio Lower Upper
91 100
92 53.9 26.6 79.8
134 25.2 12.3 36.9

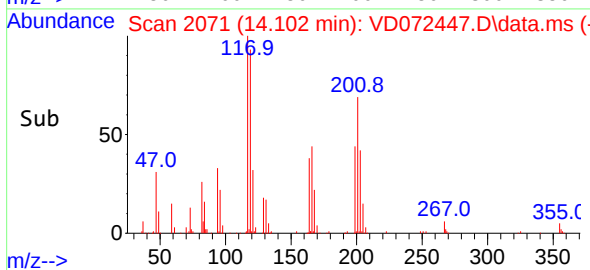
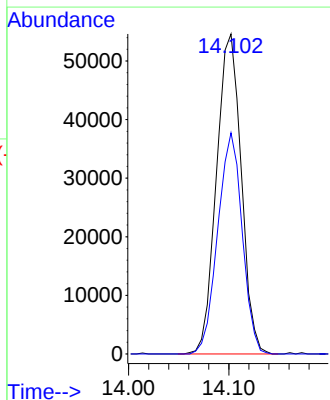
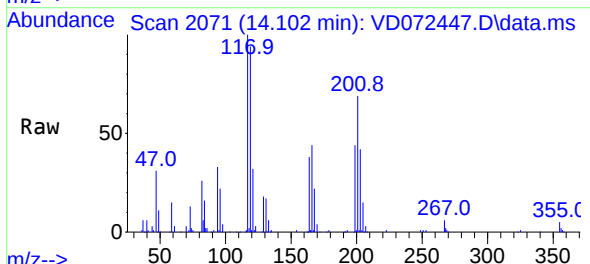
Manual Integrations
APPROVED

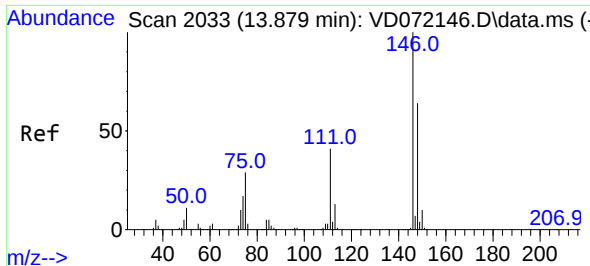
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#90
Hexachloroethane
Concen: 22.943 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

Tgt Ion:117 Resp: 93517
Ion Ratio Lower Upper
117 100
201 68.2 33.4 100.2





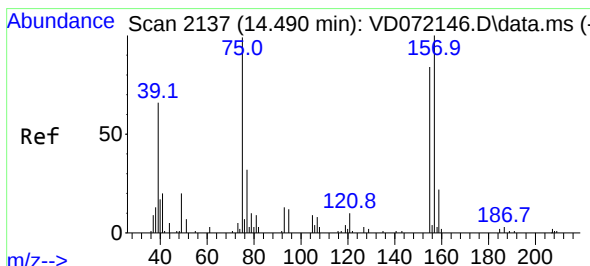
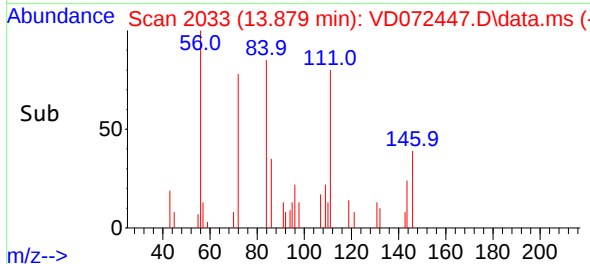
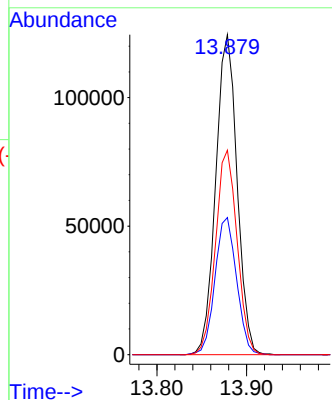
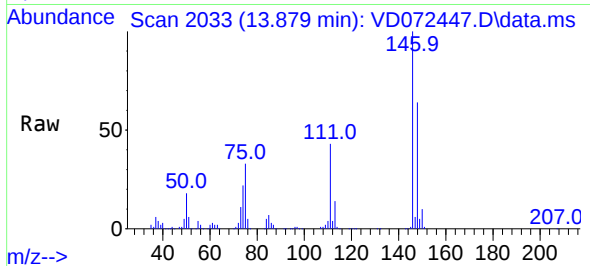
#91
1,2-Dichlorobenzene
Concen: 22.380 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

Tgt Ion:146 Resp: 205669
Ion Ratio Lower Upper
146 100
111 43.5 21.1 63.3
148 64.7 31.7 95.1

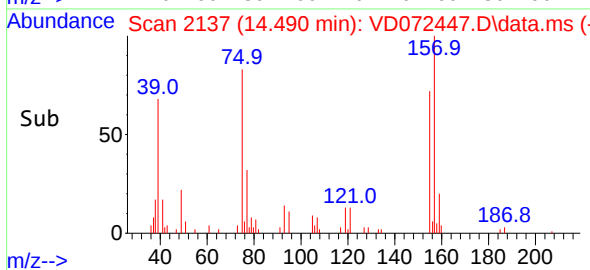
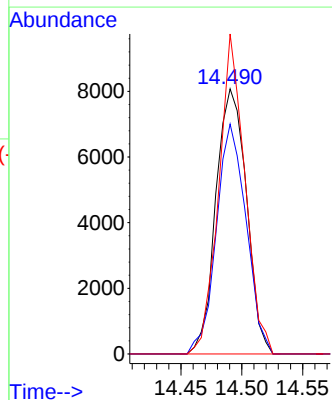
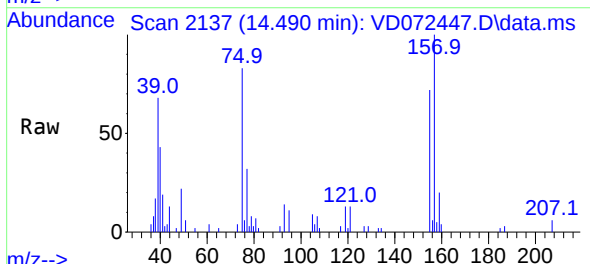
Manual Integrations
APPROVED

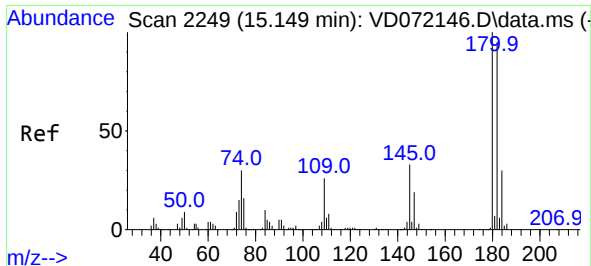
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.069 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

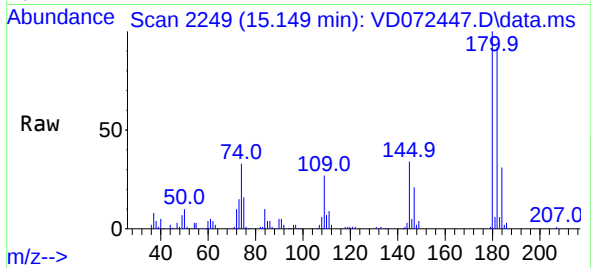
Tgt Ion: 75 Resp: 14075
Ion Ratio Lower Upper
75 100
155 84.6 36.8 110.3
157 103.5 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 22.073 ug/l
RT: 15.149 min Scan# 2149
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

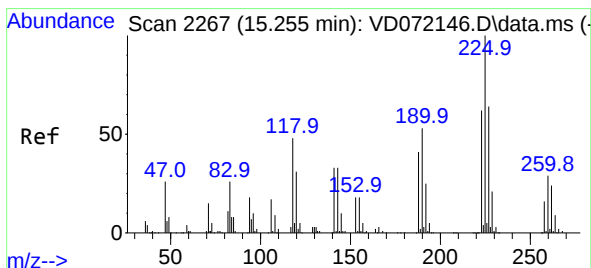
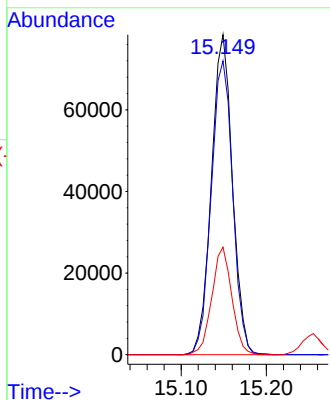
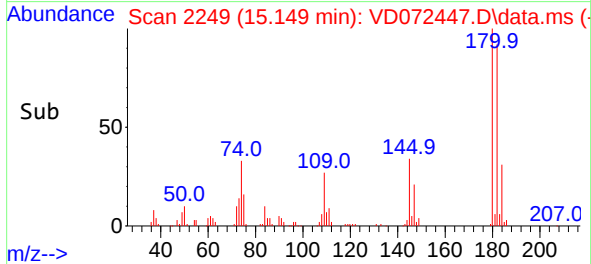
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBSD01



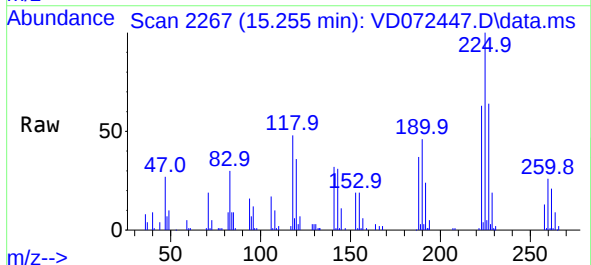
Tgt Ion:180 Resp: 134298
Ion Ratio Lower Upper
180 100
182 93.7 47.3 142.0
145 32.0 16.2 48.5

Manual Integrations
APPROVED

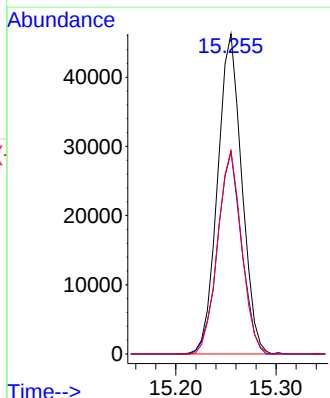
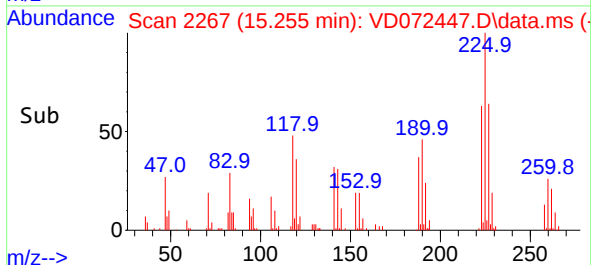
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

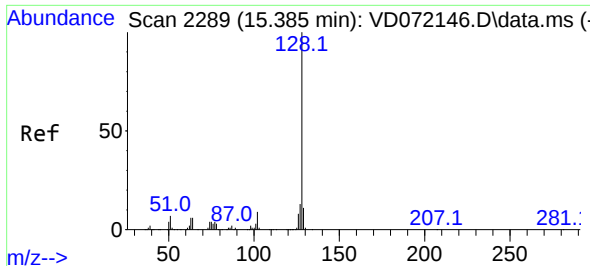


#94
Hexachlorobutadiene
Concen: 21.872 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05



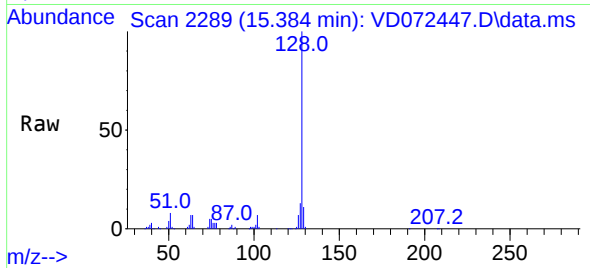
Tgt Ion:225 Resp: 77409
Ion Ratio Lower Upper
225 100
223 62.8 31.1 93.2
227 62.8 32.4 97.0





#95
Naphthalene
Concen: 24.191 ug/l
RT: 15.384 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

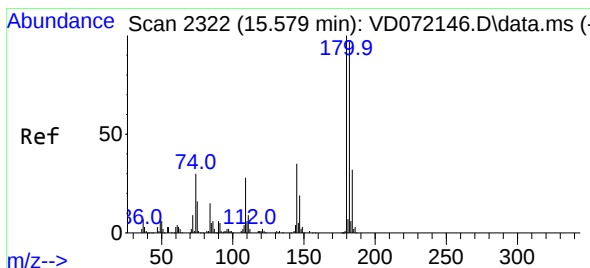
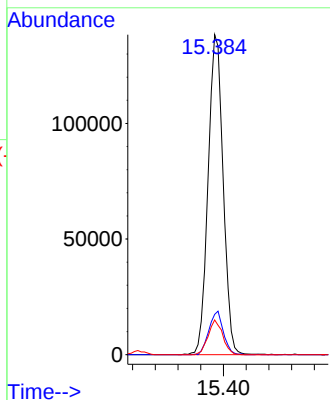
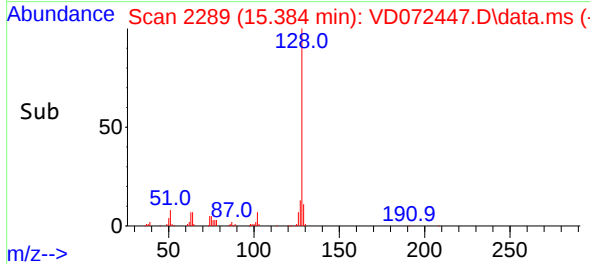
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBSD01



Tgt Ion:128 Resp: 25371
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.5 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#96
1,2,3-Trichlorobenzene
Concen: 22.039 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD072447.D
Acq: 28 Mar 2022 15:05

Tgt Ion:180 Resp: 116066
Ion Ratio Lower Upper
180 100
182 95.6 47.6 142.9
145 33.7 17.1 51.3

