

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072285.D
 Acq On : 18 Mar 2022 12:56
 Operator : VA/SY
 Sample : VD0318SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2022
 Supervised By : Mahesh Dadoda 03/21/2022

Quant Time: Mar 19 05:22:36 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	348575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	555938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	513860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	265392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	203414	52.363	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.720%			
35) Dibromofluoromethane	7.908	113	203825	52.100	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.200%			
50) Toluene-d8	10.332	98	739210	51.675	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.360%			
62) 4-Bromofluorobenzene	12.620	95	280572	50.479	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	59367	18.414	ug/l	98
3) Chloromethane	2.209	50	52578	18.352	ug/l	94
4) Vinyl Chloride	2.344	62	50181	18.146	ug/l	93
5) Bromomethane	2.756	94	35948	19.962	ug/l	92
6) Chloroethane	2.914	64	35659	19.503	ug/l	94
7) Trichlorofluoromethane	3.267	101	114089	18.268	ug/l	95
8) Diethyl Ether	3.703	74	31581	18.309	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.091	101	77261	19.402	ug/l	97
10) Methyl Iodide	4.297	142	44298	14.090	ug/l	100
11) Tert butyl alcohol	5.208	59	23426	104.006	ug/l	99
12) 1,1-Dichloroethene	4.061	96	56410	17.608	ug/l	91
13) Acrolein	3.920	56	17350	86.325	ug/l	96
14) Allyl chloride	4.709	41	96430	17.216	ug/l	96
15) Acrylonitrile	5.414	53	89007	102.269	ug/l	99
16) Acetone	4.150	43	84040	99.639	ug/l	94
17) Carbon Disulfide	4.403	76	90475	13.246	ug/l	95
18) Methyl Acetate	4.714	43	51324	24.831	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	171235	19.665	ug/l	91
20) Methylene Chloride	4.956	84	98544	19.714	ug/l	92
21) trans-1,2-Dichloroethene	5.467	96	62641	17.678	ug/l	92
22) Diisopropyl ether	6.367	45	261298	20.452	ug/l	92
23) Vinyl Acetate	6.303	43	604849	92.764	ug/l	96
24) 1,1-Dichloroethane	6.261	63	148652	19.729	ug/l	99
25) 2-Butanone	7.208	43	116865	103.920	ug/l	99
26) 2,2-Dichloropropane	7.203	77	124233	18.274	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	85630	18.929	ug/l	98
28) Bromochloromethane	7.544	49	58670	19.342	ug/l	84
29) Tetrahydrofuran	7.567	42	67193	101.613	ug/l	96
30) Chloroform	7.702	83	166405	20.731	ug/l	92
31) Cyclohexane	7.985	56	102144	16.830	ug/l #	88
32) 1,1,1-Trichloroethane	7.897	97	135624	19.024	ug/l	98
36) 1,1-Dichloropropene	8.108	75	96541	17.590	ug/l	95
37) Ethyl Acetate	7.285	43	48902	20.341	ug/l #	93
38) Carbon Tetrachloride	8.091	117	117202	18.787	ug/l	99
39) Methylcyclohexane	9.349	83	99151	16.054	ug/l	98
40) Benzene	8.344	78	292808	18.701	ug/l	100

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Manual Integrations
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Quant Time: Mar 19 05:22:36 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)
41) Methacrylonitrile	7.514	41	25016	17.853	ug/l #	71
42) 1,2-Dichloroethane	8.420	62	94584	19.914	ug/l	97
43) Isopropyl Acetate	8.444	43	93499	20.037	ug/l #	94
44) Trichloroethene	9.108	130	80282	18.264	ug/l	97
45) 1,2-Dichloropropane	9.379	63	85766	19.973	ug/l	99
46) Dibromomethane	9.467	93	42281	20.017	ug/l	94
47) Bromodichloromethane	9.655	83	125157	20.325	ug/l	97
48) Methyl methacrylate	9.449	41	47831	21.467	ug/l	93
49) 1,4-Dioxane	9.449	88	10170	401.502	ug/l	99
51) 4-Methyl-2-Pentanone	10.220	43	259783	105.999	ug/l	97
52) Toluene	10.402	92	194225	18.851	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	109855	19.526	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	129164	19.860	ug/l	91
55) 1,1,2-Trichloroethane	10.791	97	67440	20.959	ug/l	97
56) Ethyl methacrylate	10.655	69	74257	19.703	ug/l	91
57) 1,3-Dichloropropane	10.938	76	110998	20.554	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	155435	91.723	ug/l	95
59) 2-Hexanone	10.979	43	180648	106.722	ug/l	100
60) Dibromochloromethane	11.132	129	83665	20.038	ug/l	96
61) 1,2-Dibromoethane	11.238	107	56548	19.448	ug/l	97
64) Tetrachloroethene	10.873	164	66836	18.460	ug/l	92
65) Chlorobenzene	11.661	112	223197	19.592	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	92414	20.514	ug/l	98
67) Ethyl Benzene	11.738	91	382876	18.818	ug/l	98
68) m/p-Xylenes	11.843	106	293690	38.013	ug/l	98
69) o-Xylene	12.173	106	142006	19.216	ug/l	97
70) Styrene	12.185	104	258267	20.013	ug/l	98
71) Bromoform	12.349	173	50435	20.959	ug/l #	97
73) Isopropylbenzene	12.467	105	400698	19.053	ug/l	99
74) N-amyl acetate	12.279	43	90996	20.134	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	81350	21.628	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	60725m	20.743	ug/l	
77) Bromobenzene	12.749	156	93449	19.742	ug/l	94
78) n-propylbenzene	12.808	91	498678	19.521	ug/l	98
79) 2-Chlorotoluene	12.896	91	291727	19.749	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	362508	20.064	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	22405	18.989	ug/l	94
82) 4-Chlorotoluene	12.996	91	304884	19.934	ug/l	99
83) tert-Butylbenzene	13.214	119	304584	19.228	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	352158	19.781	ug/l	99
85) sec-Butylbenzene	13.390	105	466893	19.627	ug/l	99
86) p-Isopropyltoluene	13.502	119	387668	19.805	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	201882	20.350	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	196590	19.984	ug/l	99
89) n-Butylbenzene	13.832	91	366437	19.640	ug/l	99
90) Hexachloroethane	14.096	117	75606	19.707	ug/l	95
91) 1,2-Dichlorobenzene	13.879	146	172204	19.909	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	12551	20.909	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	107168	18.715	ug/l	99
94) Hexachlorobutadiene	15.249	225	64273	19.295	ug/l	98
95) Naphthalene	15.384	128	189591	19.207	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	95024	19.171	ug/l	98

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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VD0318SBSD01

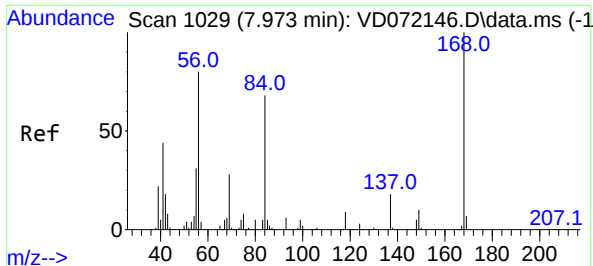
Manual Integrations
APPROVED

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Quant Time: Mar 19 05:22:36 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

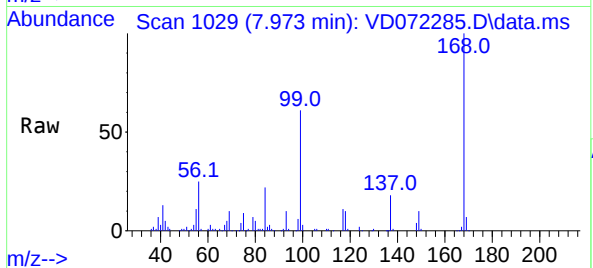
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

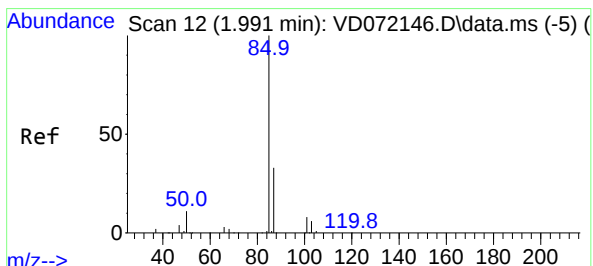
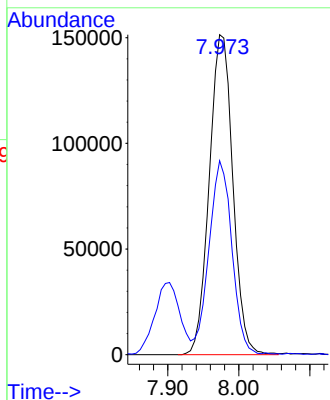
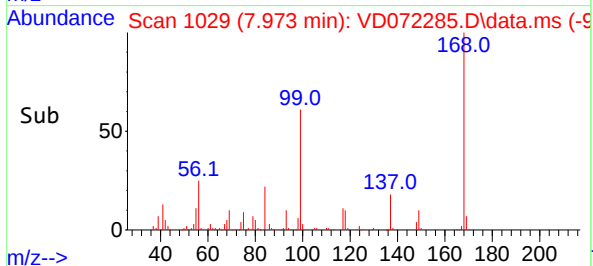
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBSD01



Tgt Ion:168 Resp: 34857
Ion Ratio Lower Upper
168 100
99 60.3 49.8 74.6

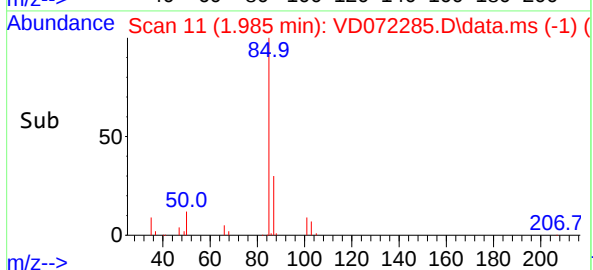
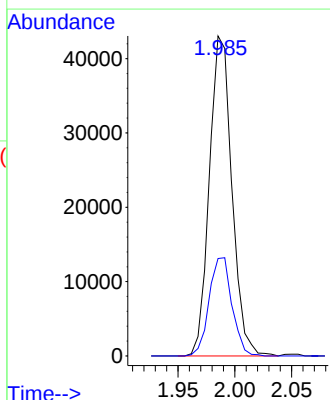
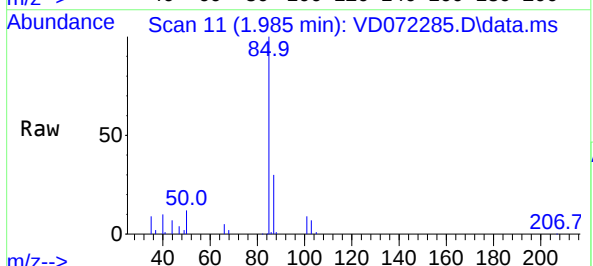
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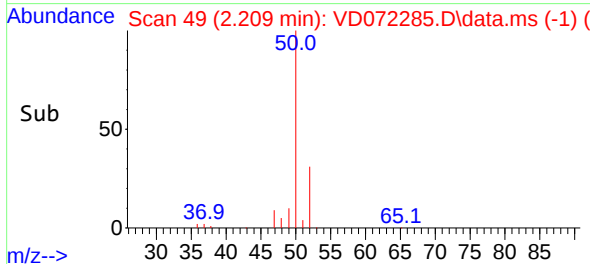
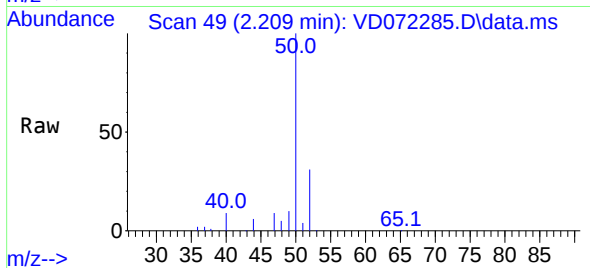
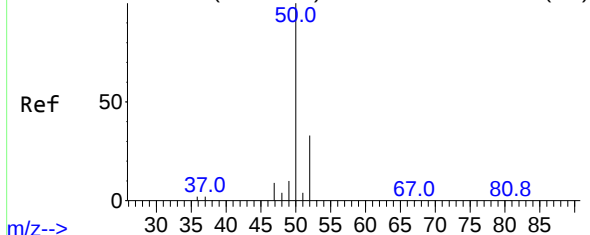


#2
Dichlorodifluoromethane
Concen: 18.414 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

Tgt Ion: 85 Resp: 59367
Ion Ratio Lower Upper
85 100
87 30.4 15.7 47.0



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



#3

Chloromethane

Concen: 18.352 ug/l

RT: 2.209 min Scan# 49

Delta R.T. -0.000 min

Lab File: VD072285.D

Acq: 18 Mar 2022 12:56

Tgt Ion: 50 Resp: 52578

Ion Ratio Lower Upper

50 100

52 30.8 27.4 41.0

Instrument :

MSVOA_D

ClientSampleId :

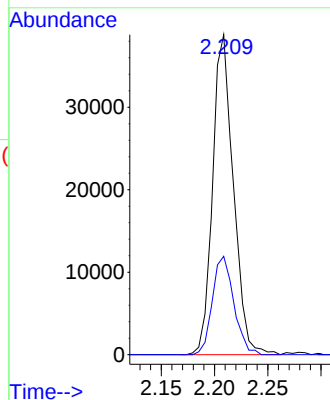
VD0318SBS01

Manual Integrations

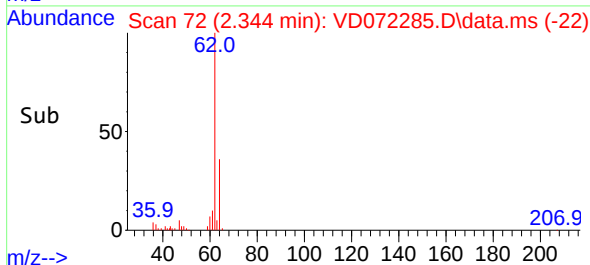
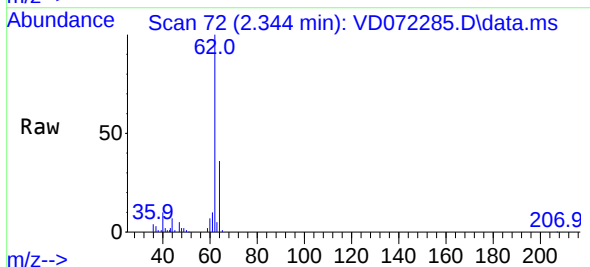
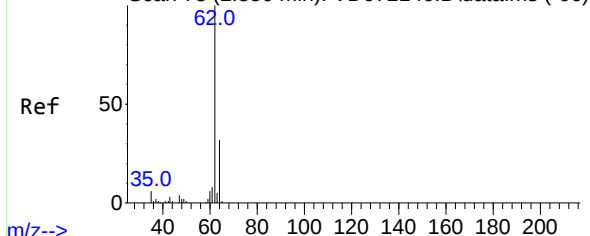
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Reviewed By :John Carlone 03/21/2022

Supervised By :Mahesh Dadoda 03/21/2022



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



#4

Vinyl Chloride

Concen: 18.146 ug/l

RT: 2.344 min Scan# 72

Delta R.T. -0.006 min

Lab File: VD072285.D

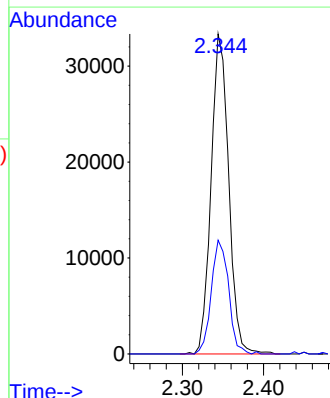
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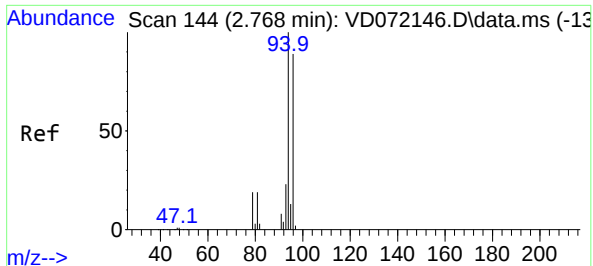
Tgt Ion: 62 Resp: 50181

Ion Ratio Lower Upper

62 100

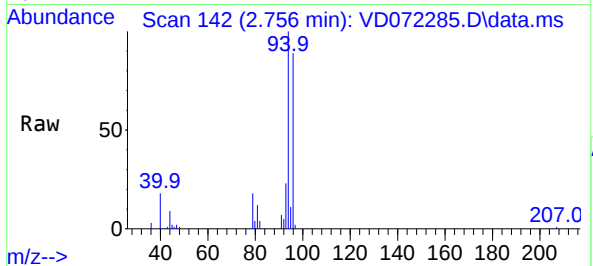
64 35.5 25.4 38.0





#5
Bromomethane
Concen: 19.962 ug/l
RT: 2.756 min Scan# 144
Delta R.T. -0.012 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

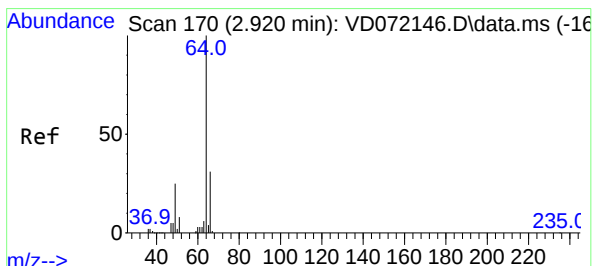
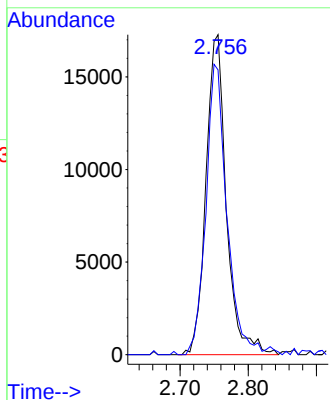
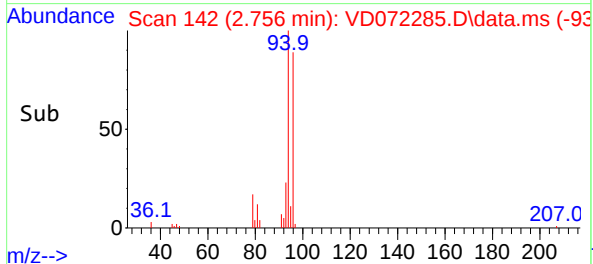
Instrument :
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VD0318SBS01



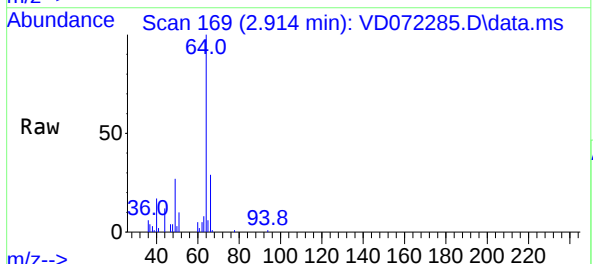
Tgt Ion: 94 Resp: 35948
Ion Ratio Lower Upper
94 100
96 89.0 77.6 116.4

Manual Integrations
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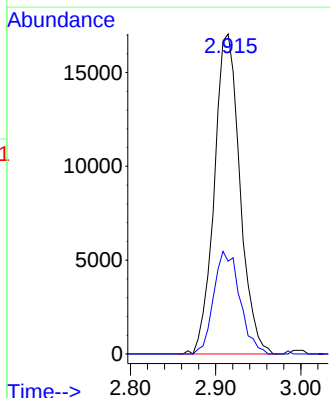
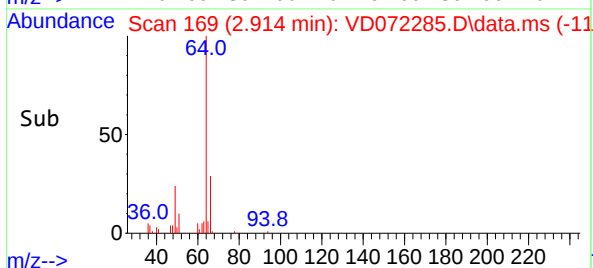
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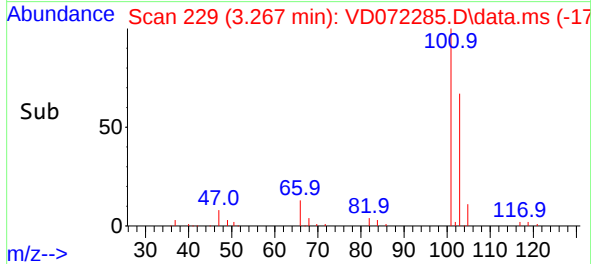
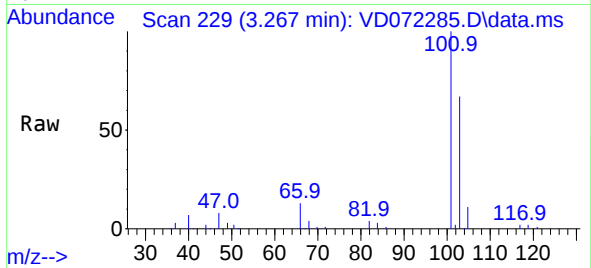
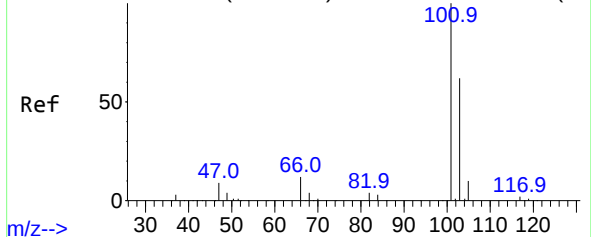
#6
Chloroethane
Concen: 19.503 ug/l
RT: 2.914 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56



Tgt Ion: 64 Resp: 35659
Ion Ratio Lower Upper
64 100
66 29.0 25.9 38.9



Abundance Scan 230 (3.273 min): VD072146.D\data.ms (-21



#7

Trichlorofluoromethane

Concen: 18.268 ug/l

RT: 3.267 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD072285.D

Acq: 18 Mar 2022 12:56

Tgt Ion:101 Resp: 114089

Ion Ratio Lower Upper

101 100

103 66.6 50.1 75.1

Instrument :

MSVOA_D

ClientSampleId :

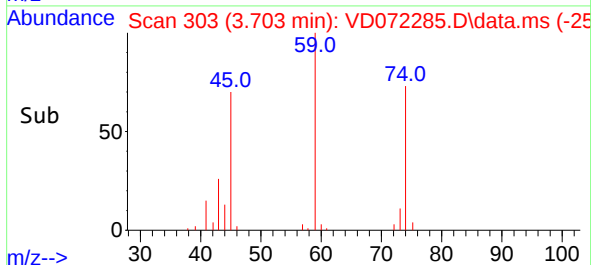
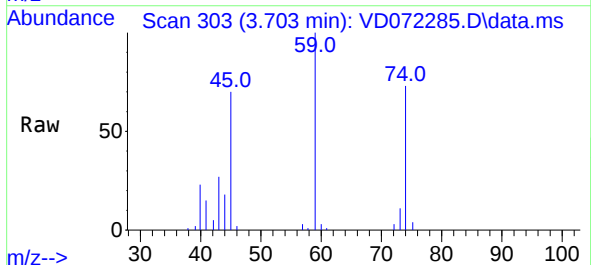
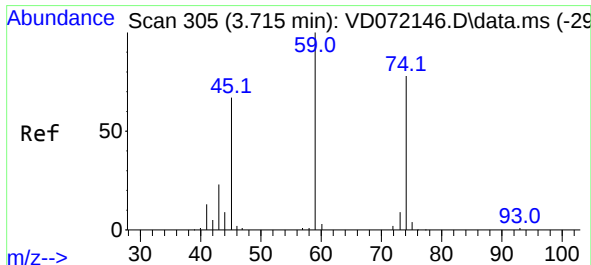
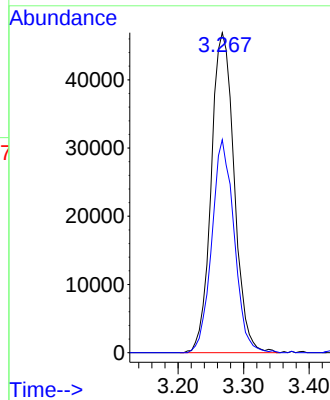
VD0318SBS01

Manual Integrations

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#8

Diethyl Ether

Concen: 18.309 ug/l

RT: 3.703 min Scan# 303

Delta R.T. -0.012 min

Lab File: VD072285.D

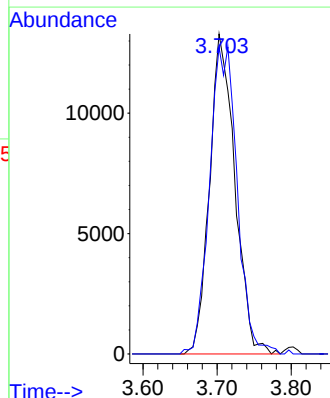
Acq: 18 Mar 2022 12:56

Tgt Ion: 74 Resp: 31581

Ion Ratio Lower Upper

74 100

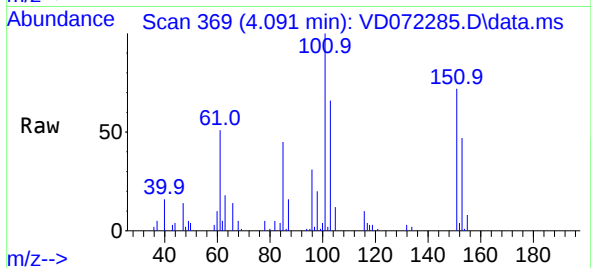
45 104.9 52.6 157.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.402 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

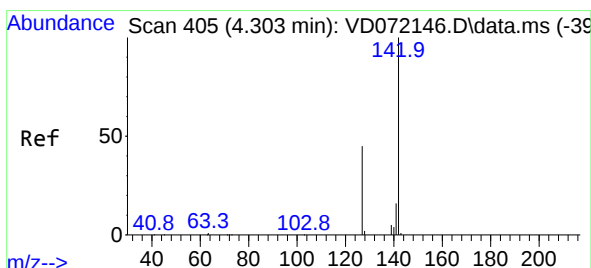
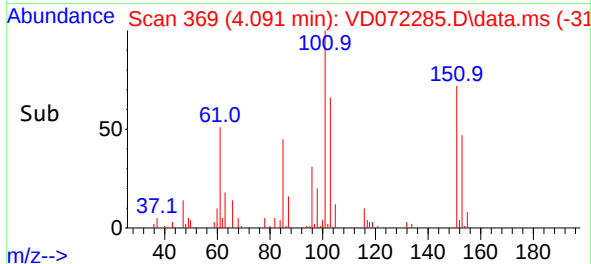
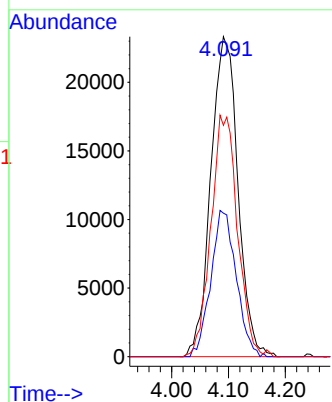
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



Tgt Ion:101 Resp: 7726
Ion Ratio Lower Upper
101 100
85 42.9 36.4 54.6
151 73.8 57.3 85.9

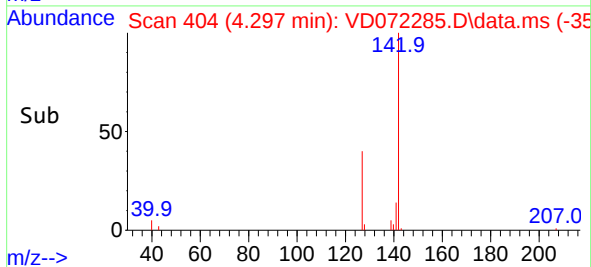
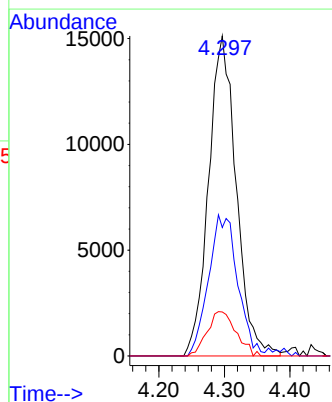
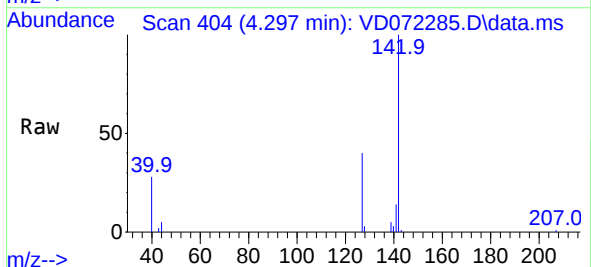
Manual Integrations
APPROVED

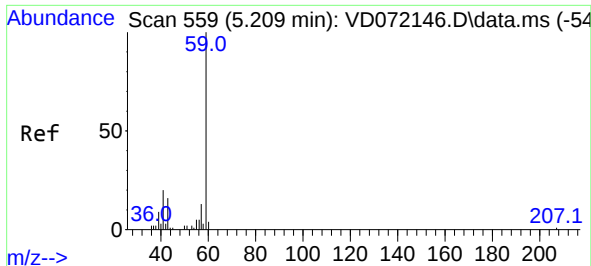
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#10
Methyl Iodide
Concen: 14.090 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

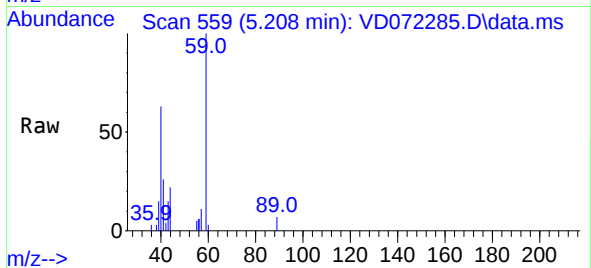
Tgt Ion:142 Resp: 44298
Ion Ratio Lower Upper
142 100
127 46.4 37.3 55.9
141 14.5 11.7 17.5





#11
Tert butyl alcohol
Concen: 104.006 ug/l
RT: 5.208 min Scan# 511
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

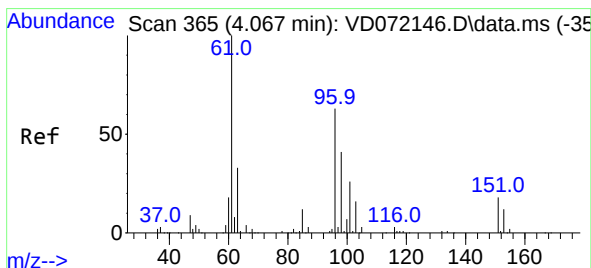
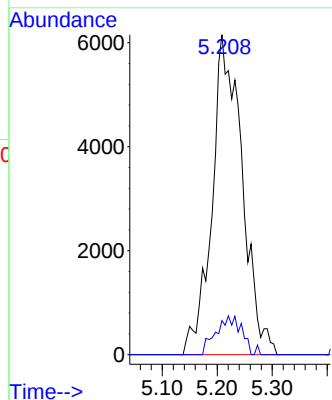
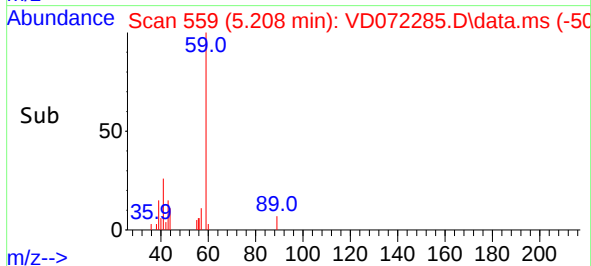
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBSD01



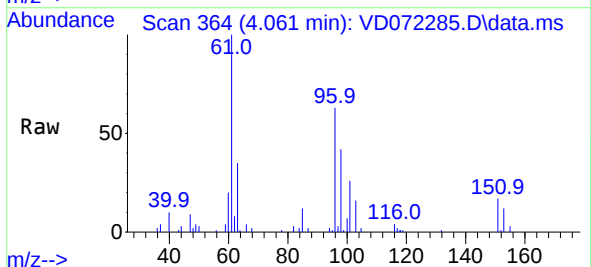
Tgt Ion: 59 Resp: 23420
Ion Ratio Lower Upper
59 100
57 10.1 7.8 11.6

Manual Integrations
APPROVED

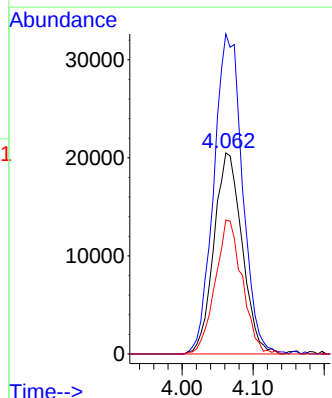
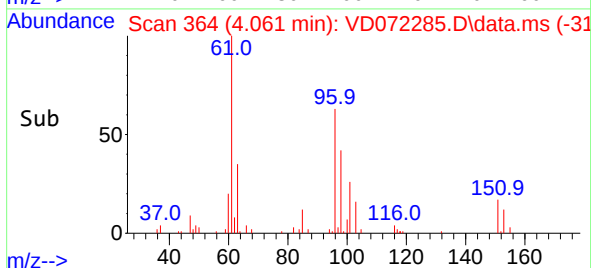
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#12
1,1-Dichloroethene
Concen: 17.608 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56



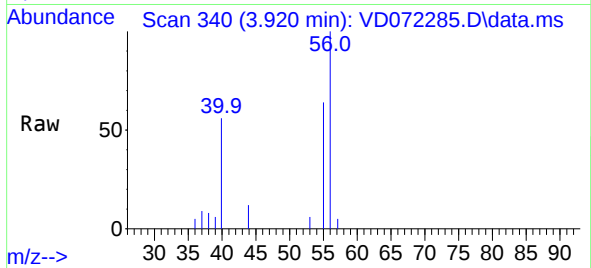
Tgt Ion: 96 Resp: 56410
Ion Ratio Lower Upper
96 100
61 159.3 138.5 207.7
98 66.7 48.6 73.0





#13
Acrolein
Concen: 86.325 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

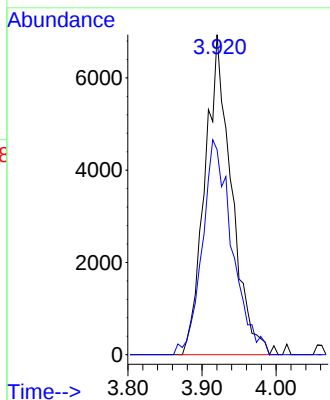
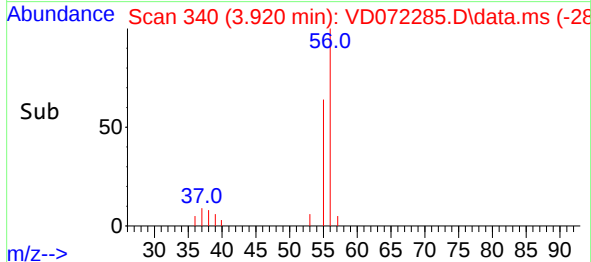
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBSD01



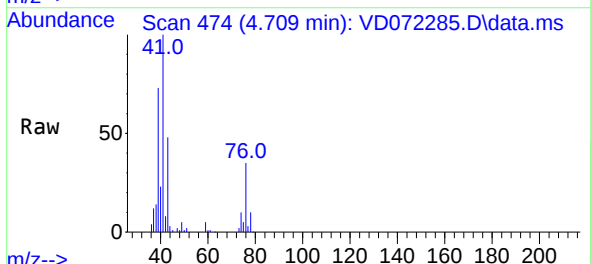
Tgt Ion: 56 Resp: 17350
Ion Ratio Lower Upper
56 100
55 75.1 57.1 85.7

Manual Integrations
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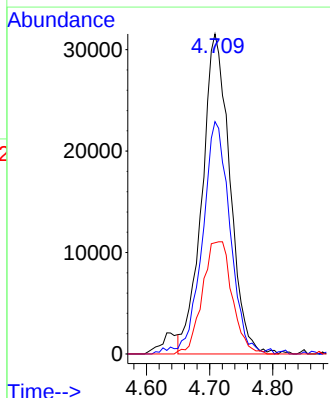
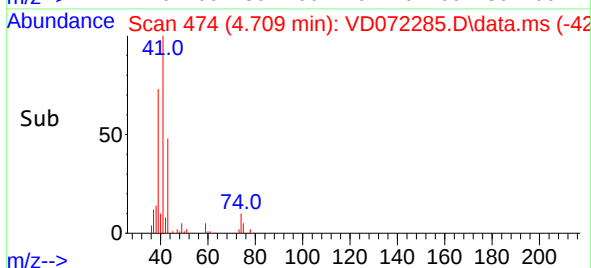
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

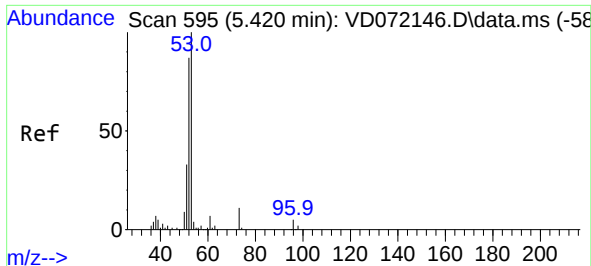


#14
Allyl chloride
Concen: 17.216 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56



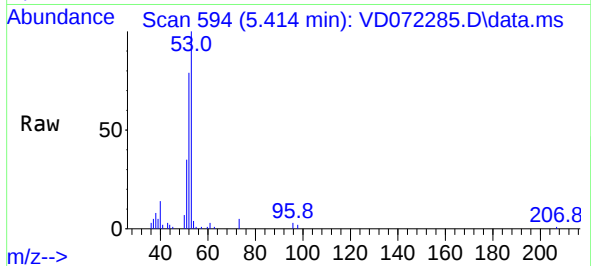
Tgt Ion: 41 Resp: 96430
Ion Ratio Lower Upper
41 100
39 72.2 59.3 88.9
76 37.5 25.7 38.5





#15
Acrylonitrile
Concen: 102.269 ug/l
RT: 5.414 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

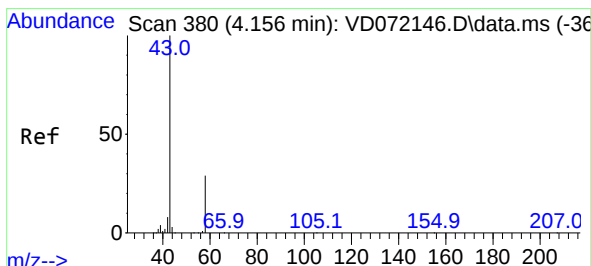
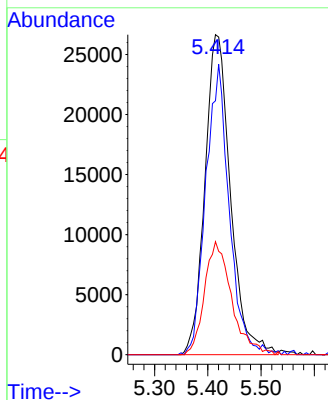
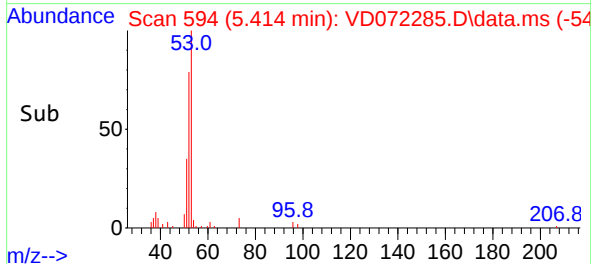
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBSD01



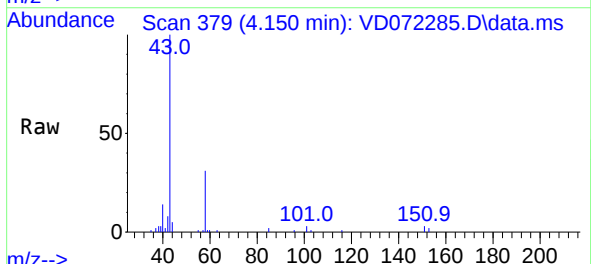
Tgt Ion: 53 Resp: 8900
Ion Ratio Lower Upper
53 100
52 83.3 67.2 100.8
51 37.4 30.3 45.5

Manual Integrations
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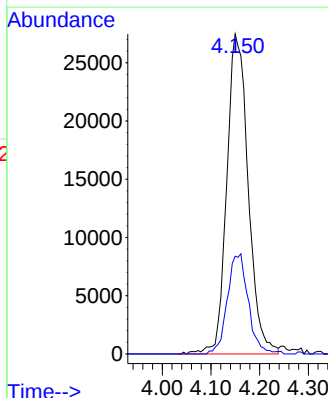
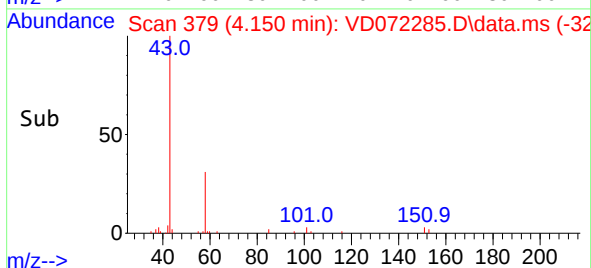
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

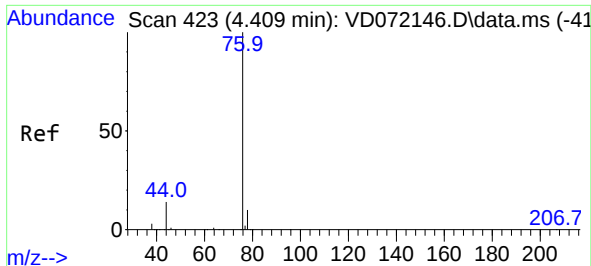


#16
Acetone
Concen: 99.639 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56



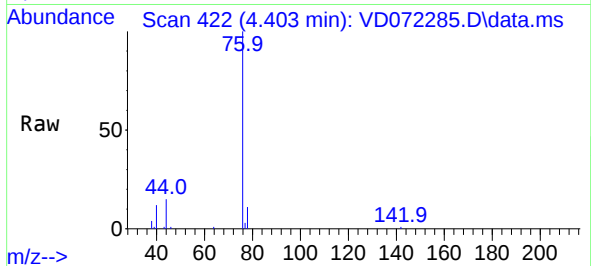
Tgt Ion: 43 Resp: 84040
Ion Ratio Lower Upper
43 100
58 30.5 22.1 33.1





#17
Carbon Disulfide
Concen: 13.246 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

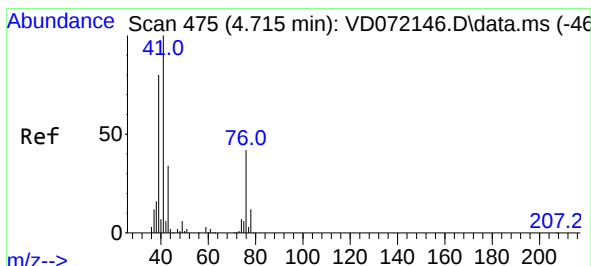
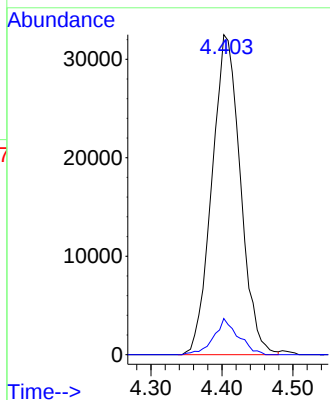
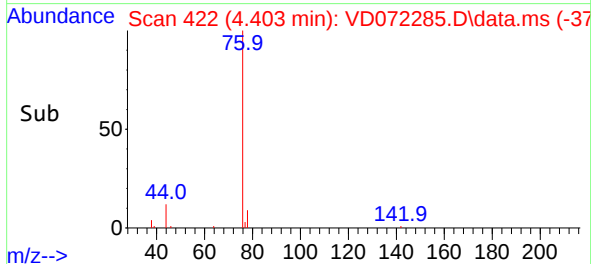
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBSD01



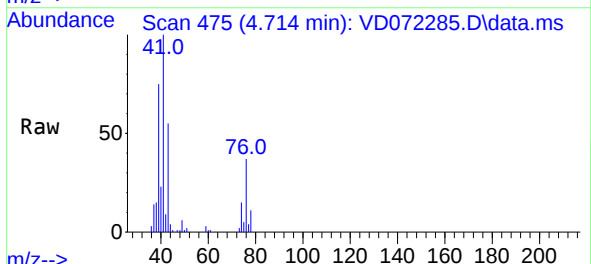
Tgt Ion: 76 Resp: 90475
Ion Ratio Lower Upper
76 100
78 11.3 7.5 11.3

Manual Integrations
APPROVED

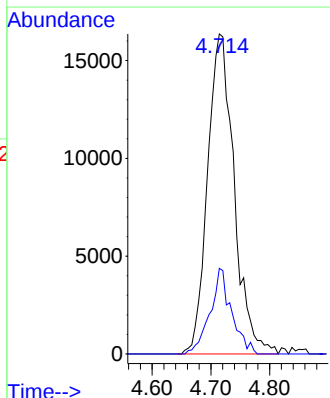
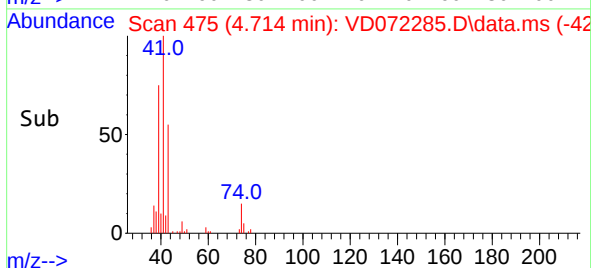
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

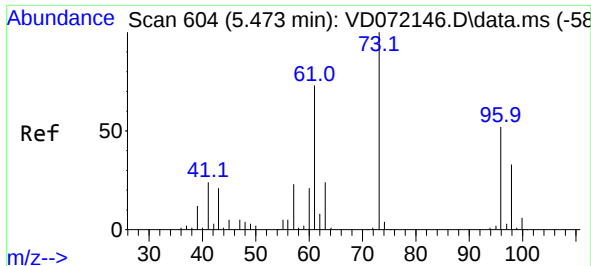


#18
Methyl Acetate
Concen: 24.831 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56



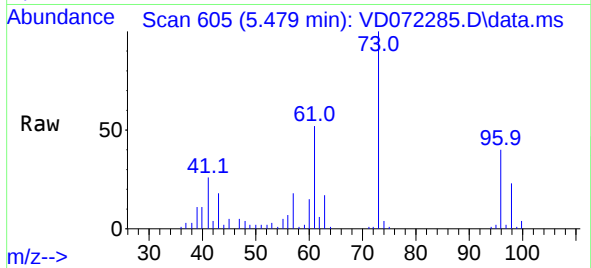
Tgt Ion: 43 Resp: 51324
Ion Ratio Lower Upper
43 100
74 21.6 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 19.665 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

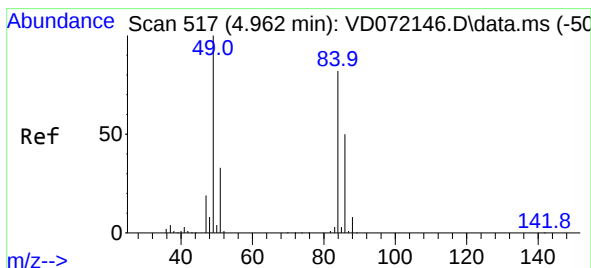
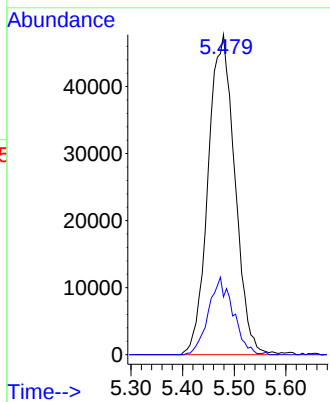
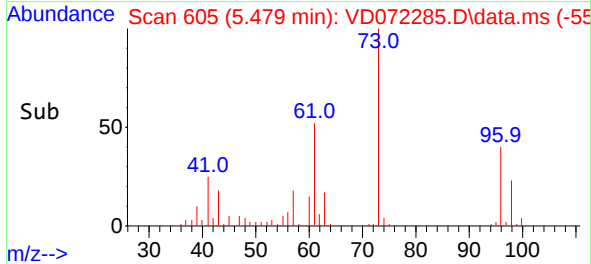
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



Tgt Ion: 73 Resp: 171235
Ion Ratio Lower Upper
73 100
57 18.0 18.0 27.0

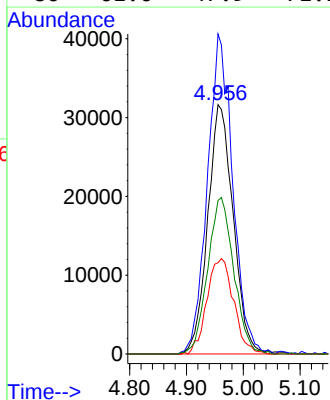
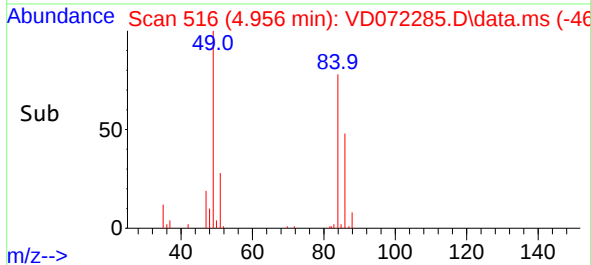
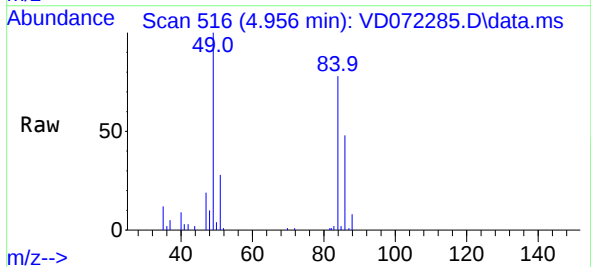
Manual Integrations
APPROVED

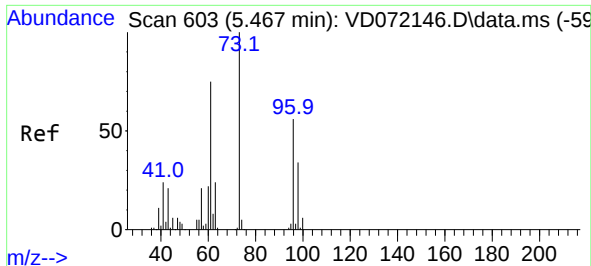
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#20
Methylene Chloride
Concen: 19.714 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

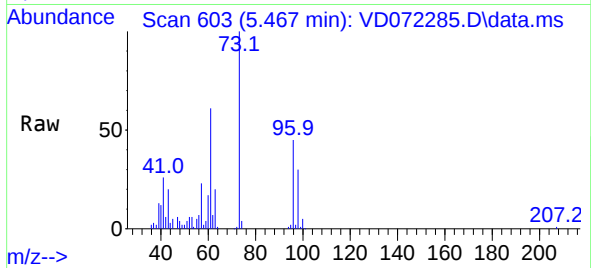
Tgt Ion: 84 Resp: 98544
Ion Ratio Lower Upper
84 100
49 128.4 112.8 169.2
51 36.6 32.6 48.8
86 61.6 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 17.678 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

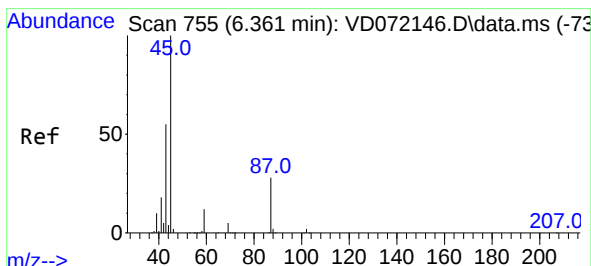
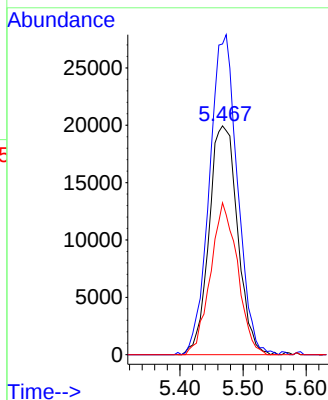
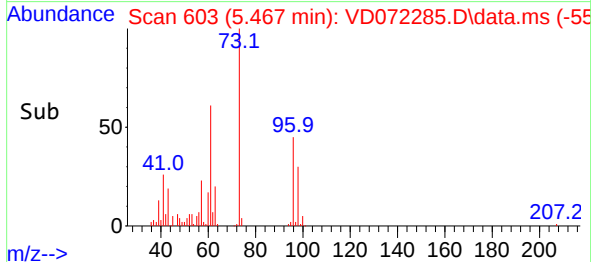
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



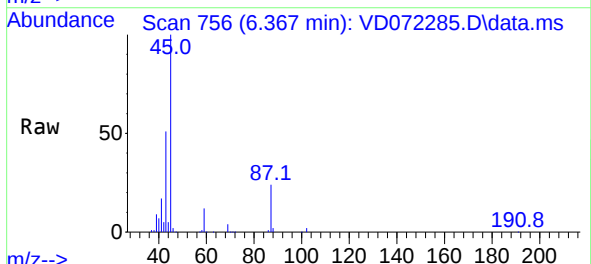
Tgt Ion: 96 Resp: 6264
Ion Ratio Lower Upper
96 100
61 135.8 117.9 176.9
98 66.4 49.4 74.2

Manual Integrations
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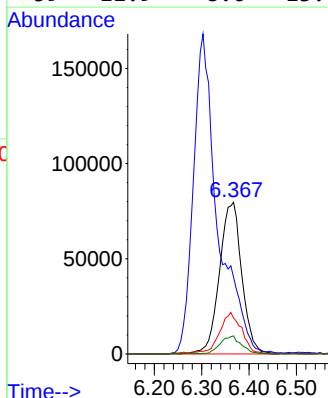
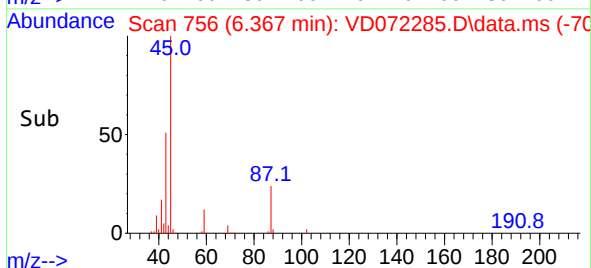
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#22
Diisopropyl ether
Concen: 20.452 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.006 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56



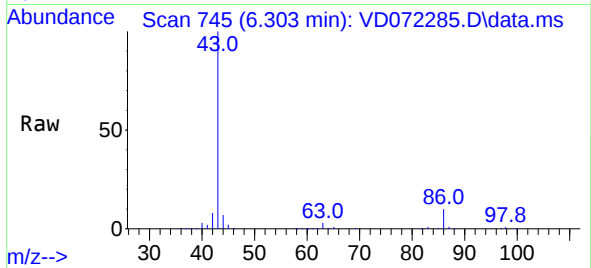
Tgt Ion: 45 Resp: 261298
Ion Ratio Lower Upper
45 100
43 49.9 46.6 70.0
87 23.7 18.4 27.6
59 11.9 8.6 13.0





#23
 Vinyl Acetate
 Concen: 92.764 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072285.D
 Acq: 18 Mar 2022 12:56

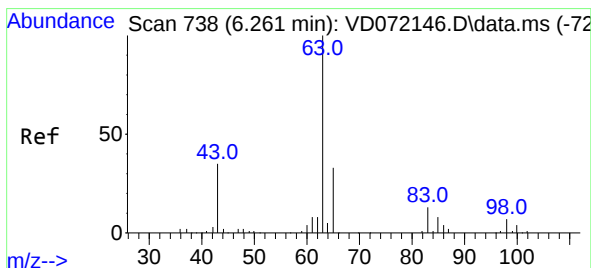
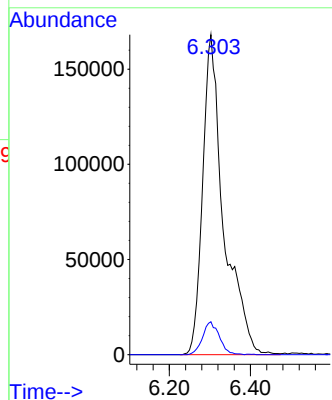
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBS01



Tgt Ion: 43 Resp: 604849
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.1 10.7

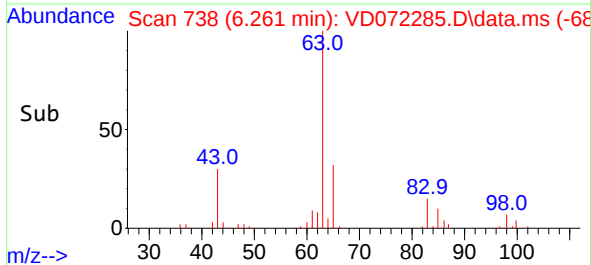
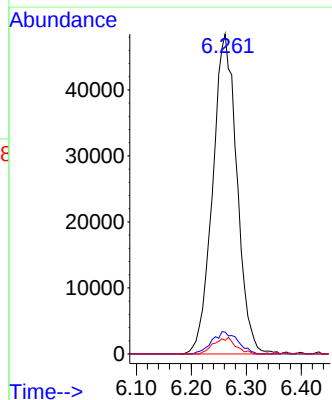
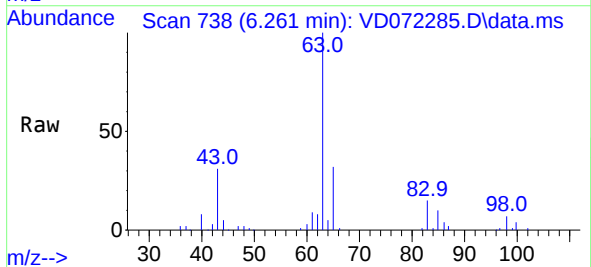
Manual Integrations
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Reviewed By :John Carlone 03/21/2022
 Supervised By :Mahesh Dadoda 03/21/2022



#24
 1,1-Dichloroethane
 Concen: 19.729 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD072285.D
 Acq: 18 Mar 2022 12:56

Tgt Ion: 63 Resp: 148652
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.9
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 103.920 ug/l

RT: 7.208 min Scan# 899

Delta R.T. 0.006 min

Lab File: VD072285.D

Acq: 18 Mar 2022 12:56

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBS01

Tgt Ion: 43 Resp: 11686

Ion Ratio Lower Upper

43 100

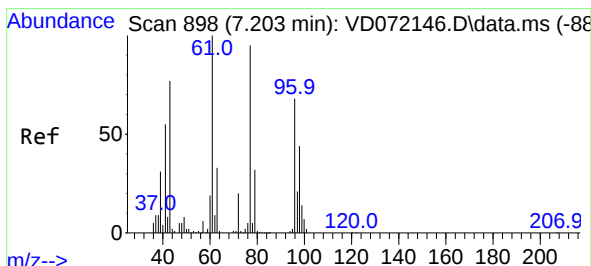
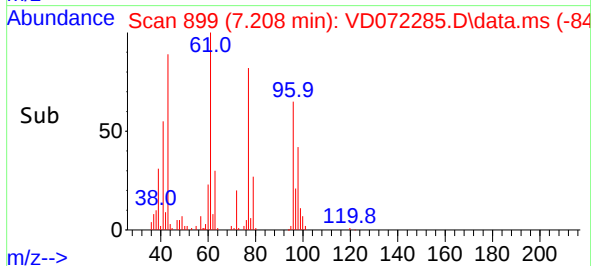
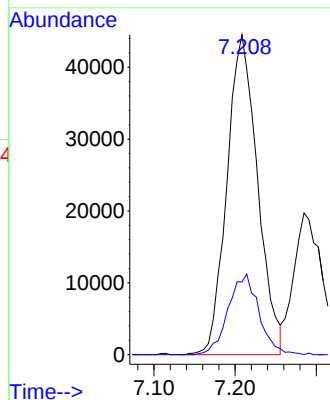
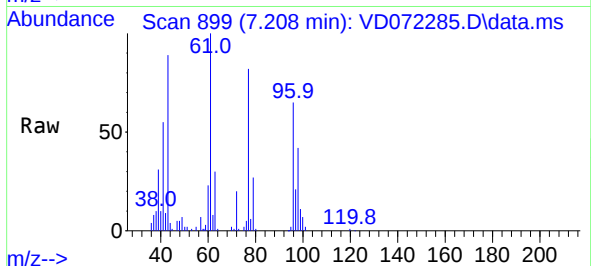
72 22.7 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2022

Supervised By :Mahesh Dadoda 03/21/2022



#26

2,2-Dichloropropane

Concen: 18.274 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.000 min

Lab File: VD072285.D

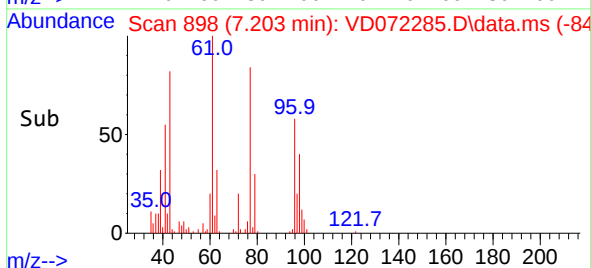
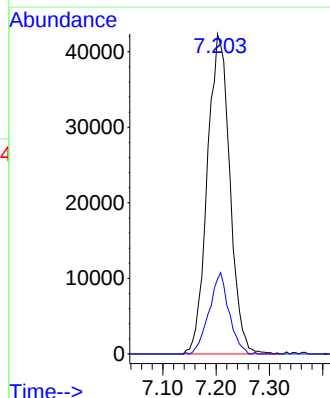
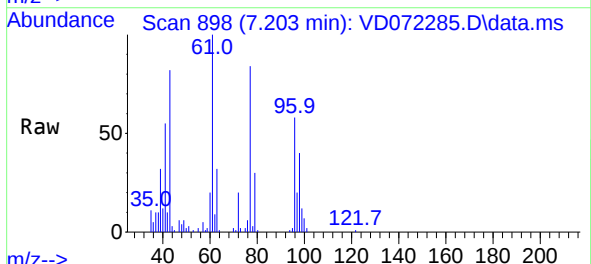
Acq: 18 Mar 2022 12:56

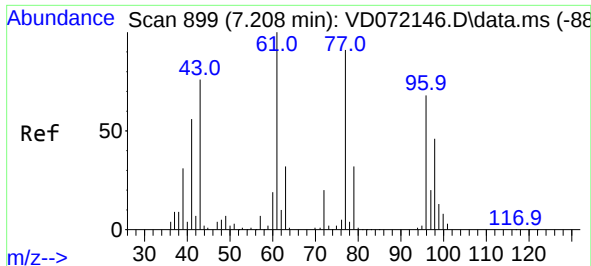
Tgt Ion: 77 Resp: 124233

Ion Ratio Lower Upper

77 100

97 22.5 10.8 32.4





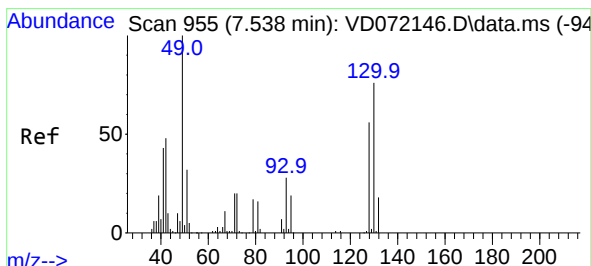
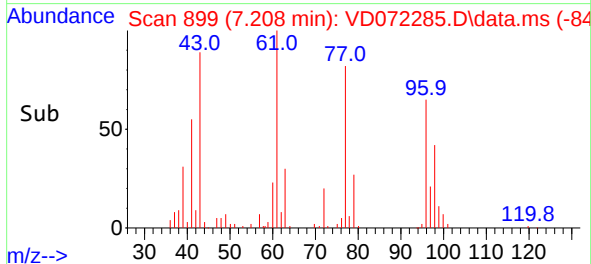
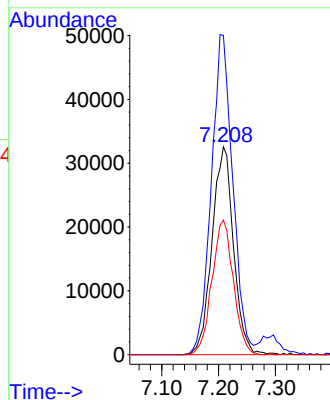
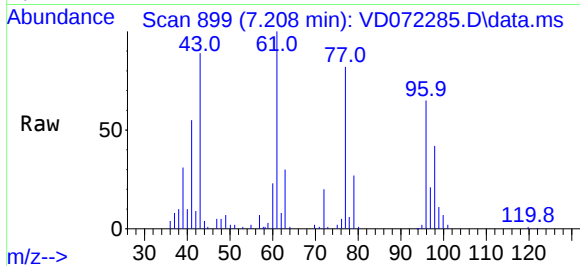
#27
cis-1,2-Dichloroethene
Concen: 18.929 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

Instrument :
MSVOA_D
ClientSampleId :
VD0318SBSD01

Tgt Ion: 96 Resp: 85630
Ion Ratio Lower Upper
96 100
61 153.3 0.0 313.8
98 64.5 0.0 128.8

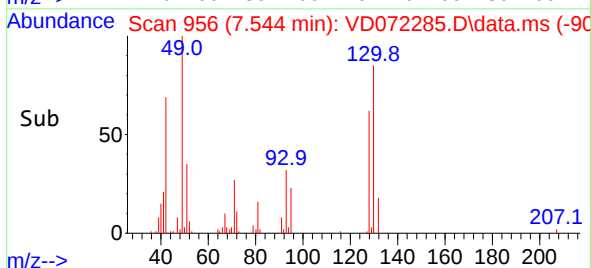
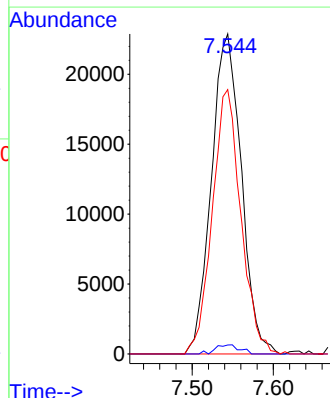
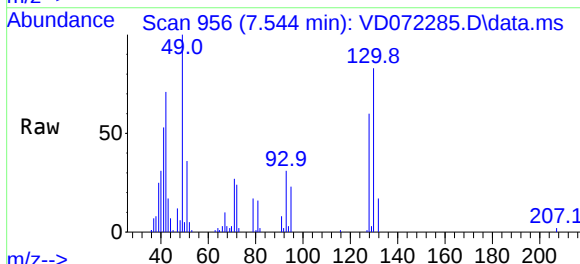
Manual Integrations
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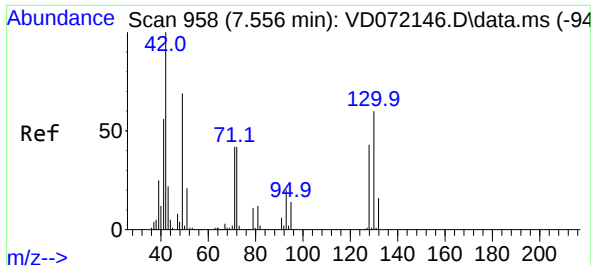
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#28
Bromochloromethane
Concen: 19.342 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.006 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

Tgt Ion: 49 Resp: 58670
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.0
130 78.8 52.6 79.0





#29

Tetrahydrofuran

Concen: 101.613 ug/l

RT: 7.567 min Scan# 9

Delta R.T. 0.012 min

Lab File: VD072285.D

Acq: 18 Mar 2022 12:56

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBSD01

Tgt Ion: 42 Resp: 6719

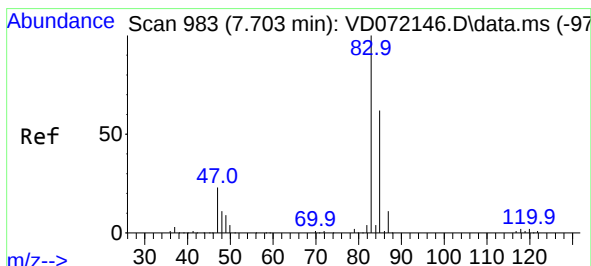
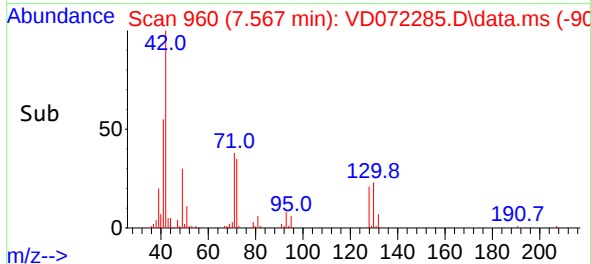
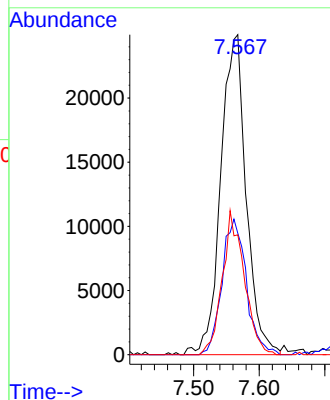
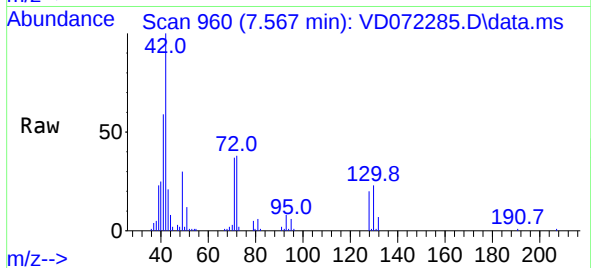
Ion	Ratio	Lower	Upper
42	100		
72	40.6	30.7	46.1
71	38.9	28.6	43.0

Manual Integrations

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Reviewed By :John Carlone 03/21/2022

Supervised By :Mahesh Dadoda 03/21/2022



#30

Chloroform

Concen: 20.731 ug/l

RT: 7.702 min Scan# 983

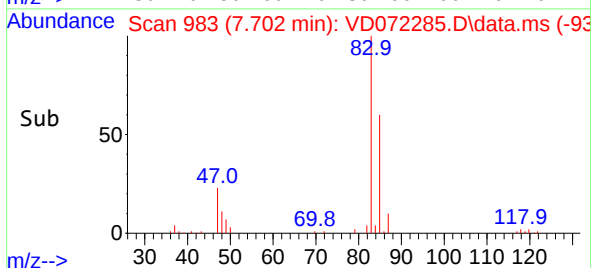
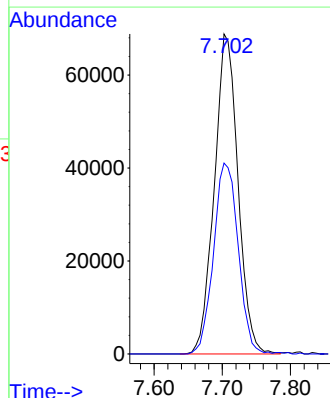
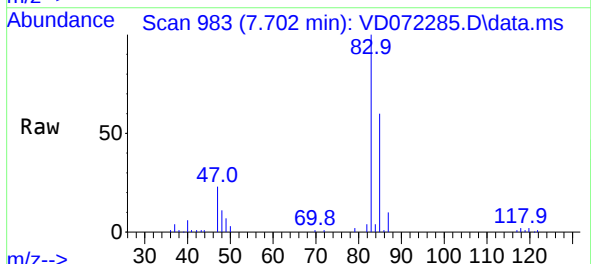
Delta R.T. -0.000 min

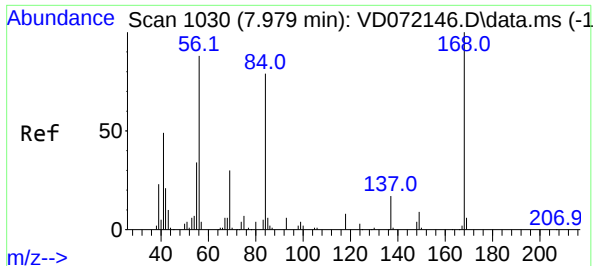
Lab File: VD072285.D

Acq: 18 Mar 2022 12:56

Tgt Ion: 83 Resp: 166405

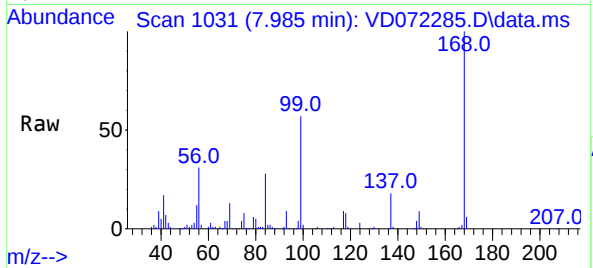
Ion	Ratio	Lower	Upper
83	100		
85	59.7	52.7	79.1





#31
Cyclohexane
Concen: 16.830 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

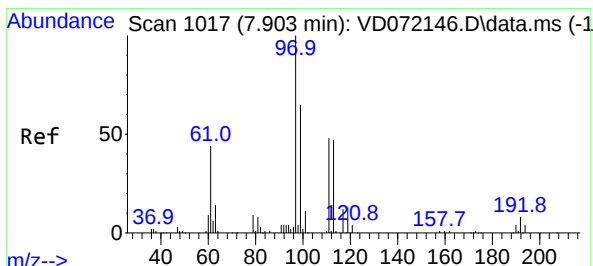
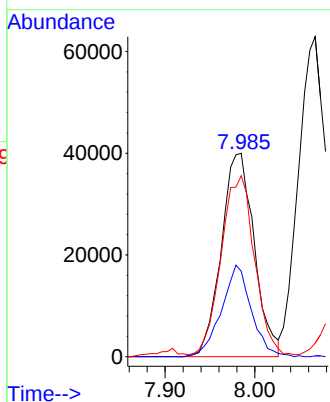
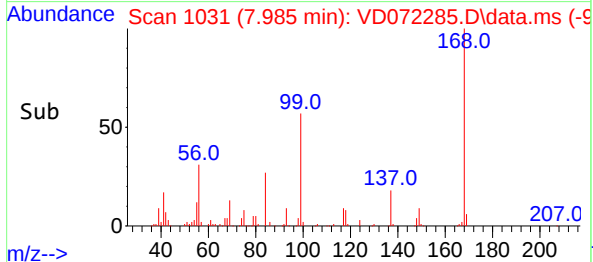
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBSD01



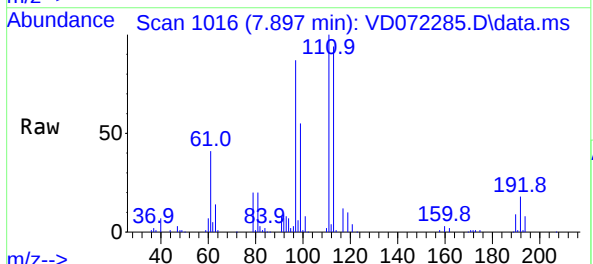
Tgt Ion: 56 Resp: 102144
Ion Ratio Lower Upper
56 100
69 42.0 25.4 38.2
84 87.1 63.0 94.4

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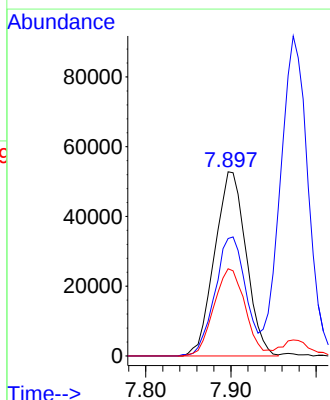
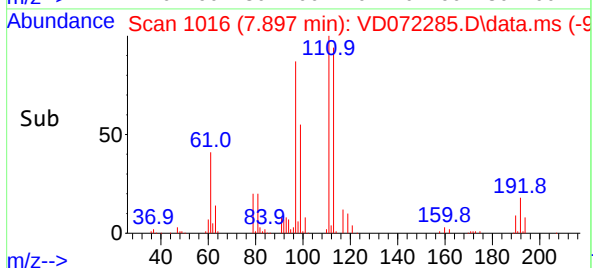
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#32
1,1,1-Trichloroethane
Concen: 19.024 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56



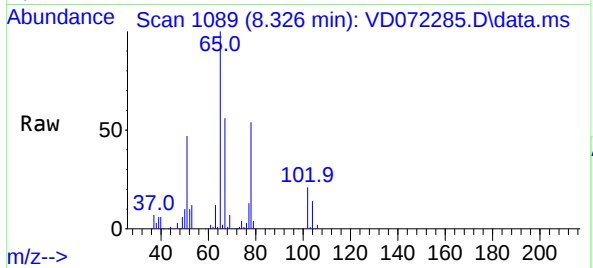
Tgt Ion: 97 Resp: 135624
Ion Ratio Lower Upper
97 100
99 62.9 52.4 78.6
61 47.4 38.0 57.0





#33
1,2-Dichloroethane-d4
Concen: 52.363 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

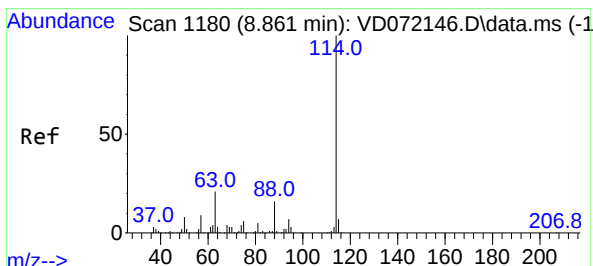
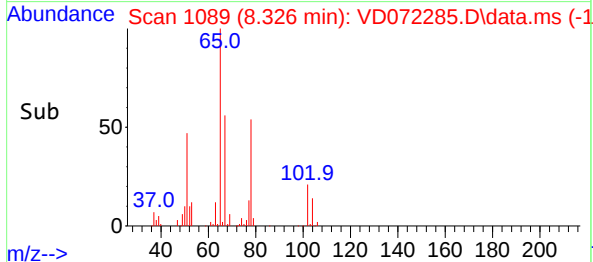
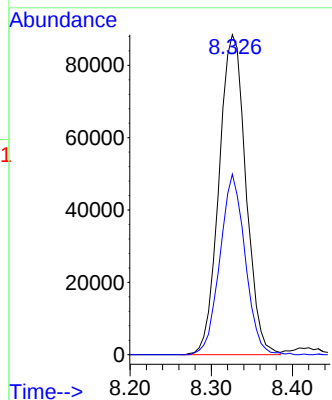
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



Tgt Ion: 65 Resp: 203414
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.4

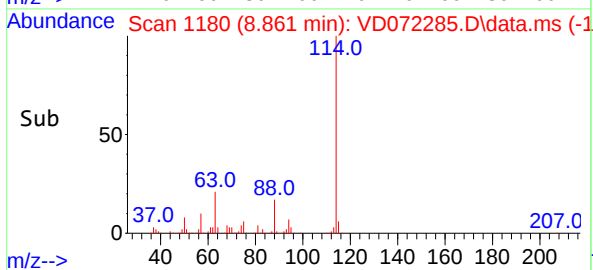
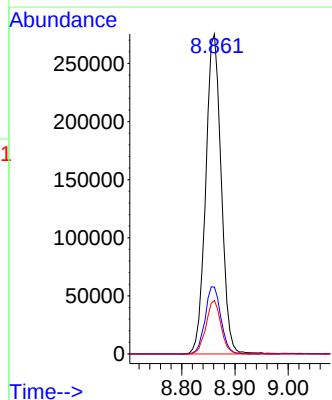
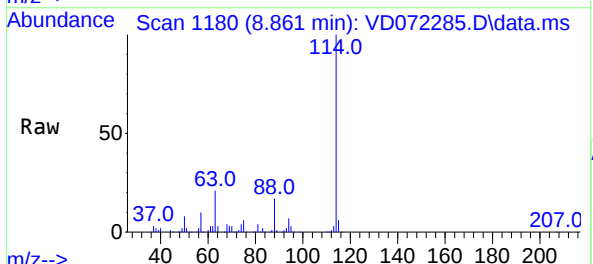
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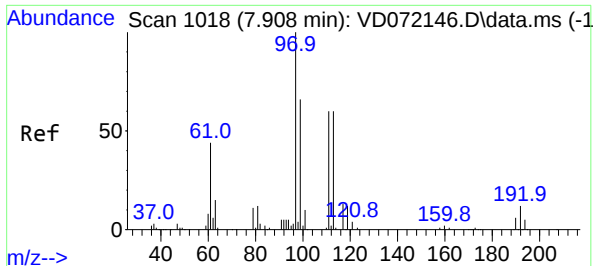
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

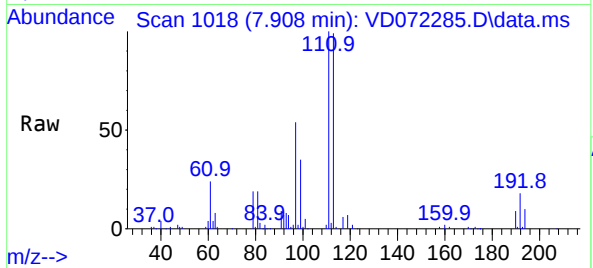
Tgt Ion:114 Resp: 555938
Ion Ratio Lower Upper
114 100
63 20.9 0.0 46.6
88 16.7 0.0 33.2





#35
Dibromofluoromethane
Concen: 52.100 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

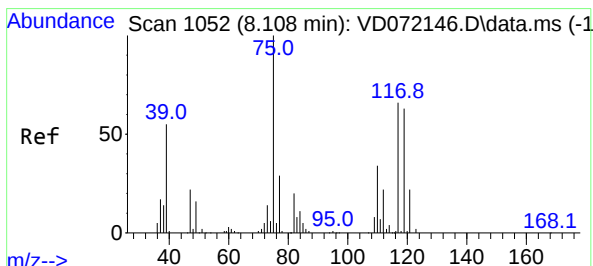
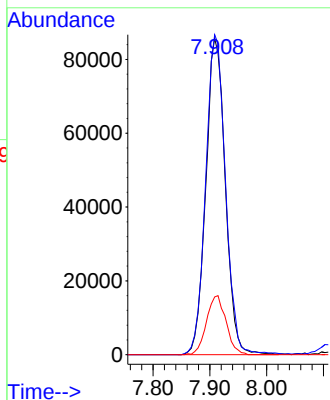
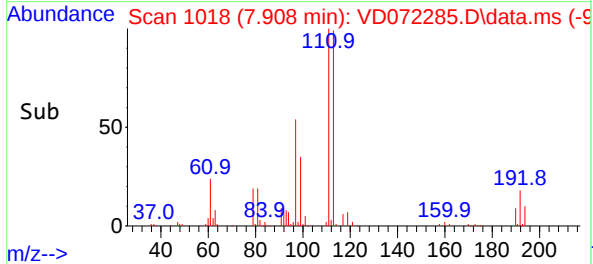
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



Tgt Ion: 113 Resp: 20382
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.6
192 18.7 14.6 21.8

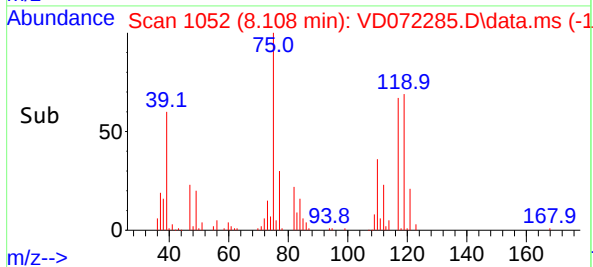
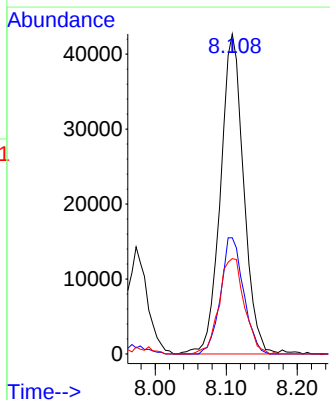
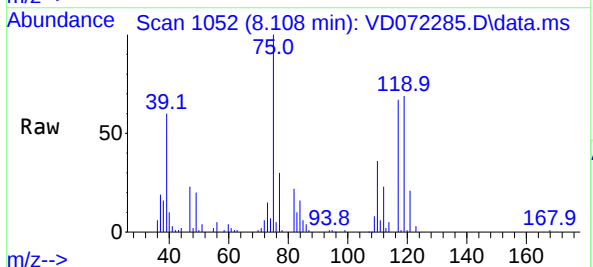
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#36
1,1-Dichloropropene
Concen: 17.590 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

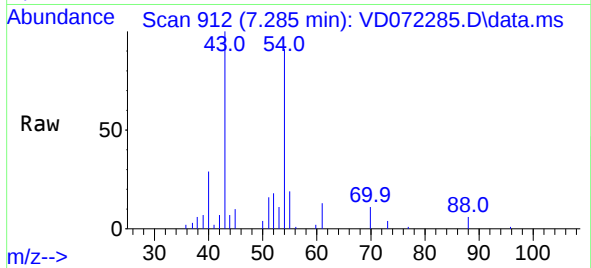
Tgt Ion: 75 Resp: 96541
Ion Ratio Lower Upper
75 100
110 35.9 16.4 49.1
77 32.7 24.2 36.2





#37
Ethyl Acetate
Concen: 20.341 ug/l
RT: 7.285 min Scan# 912
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

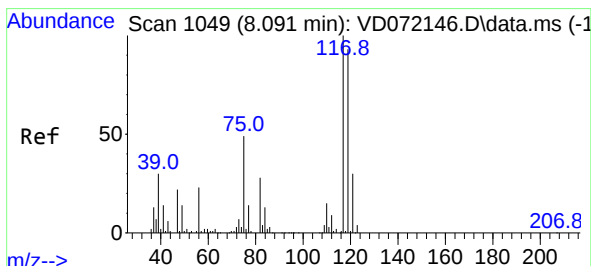
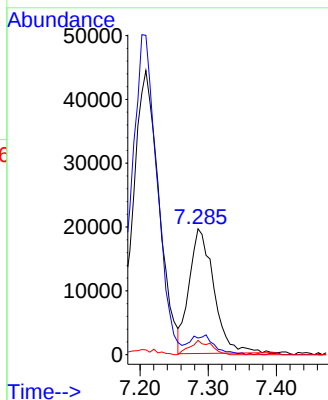
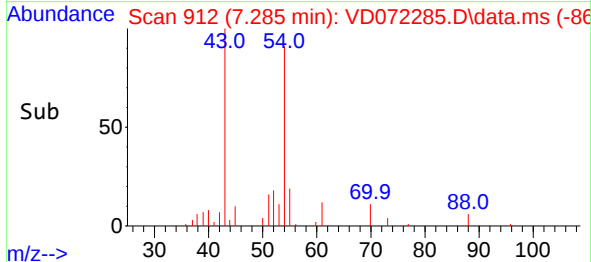
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



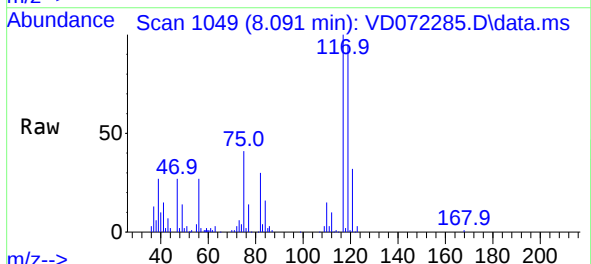
Tgt Ion: 43 Resp: 48902
Ion Ratio Lower Upper
43 100
61 16.1 9.8 14.8
70 9.9 6.9 10.3

Manual Integrations
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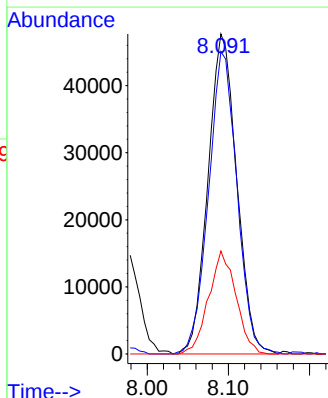
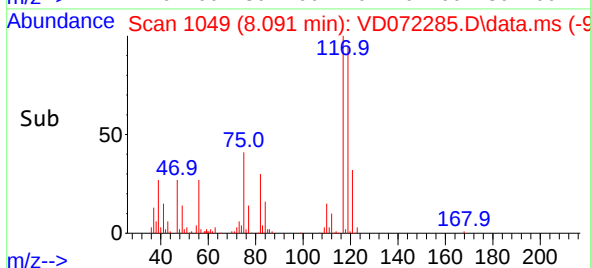
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#38
Carbon Tetrachloride
Concen: 18.787 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56



Tgt Ion:117 Resp: 117202
Ion Ratio Lower Upper
117 100
119 94.0 75.8 113.6
121 32.1 24.5 36.7





#39

Methylcyclohexane

Concen: 16.054 ug/l

RT: 9.349 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD072285.D

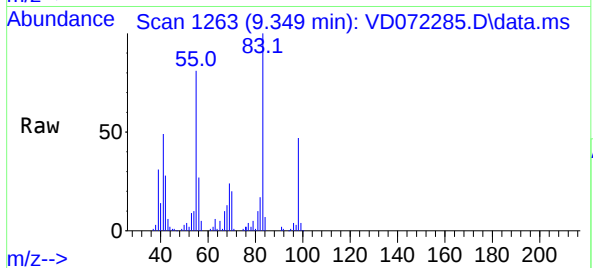
Acq: 18 Mar 2022 12:56

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBS01



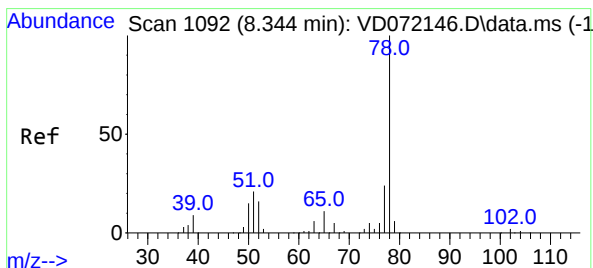
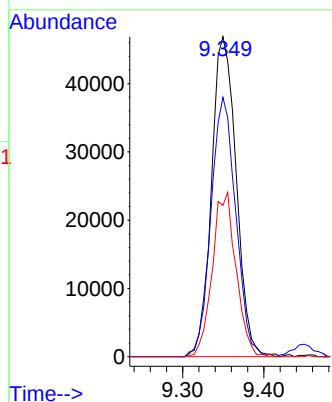
Tgt Ion:	83	Resp:	9915
Ion Ratio	Lower	Upper	
83	100		
55	81.0	63.2	94.8
98	47.2	38.2	57.4

Manual Integrations

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Reviewed By :John Carlone 03/21/2022

Supervised By :Mahesh Dadoda 03/21/2022



#40

Benzene

Concen: 18.701 ug/l

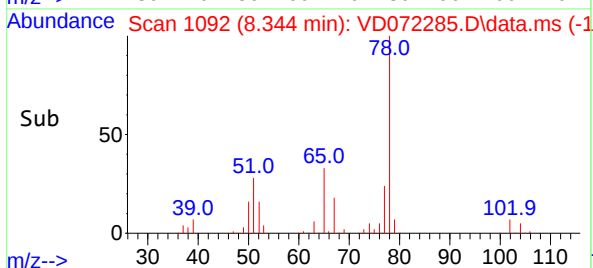
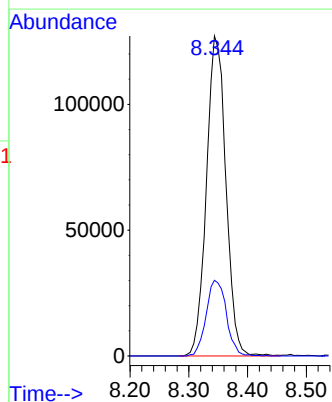
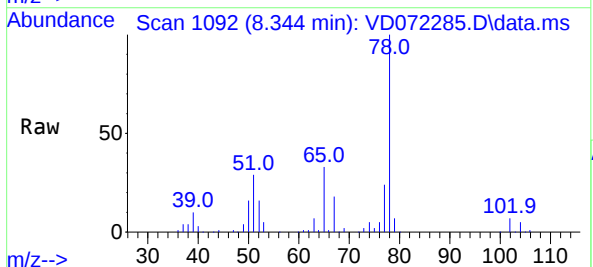
RT: 8.344 min Scan# 1092

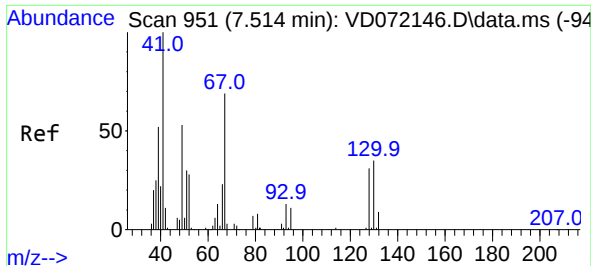
Delta R.T. -0.000 min

Lab File: VD072285.D

Acq: 18 Mar 2022 12:56

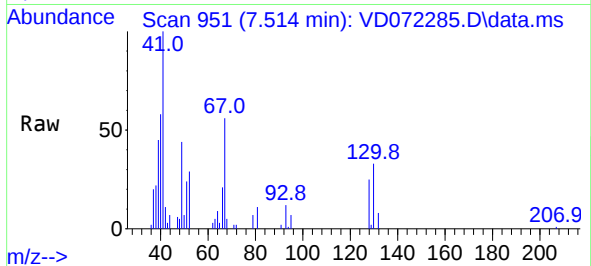
Tgt Ion:	78	Resp:	292808
Ion Ratio	Lower	Upper	
78	100		
77	23.7	19.1	28.7





#41
Methacrylonitrile
Concen: 17.853 ug/l
RT: 7.514 min Scan# 951
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

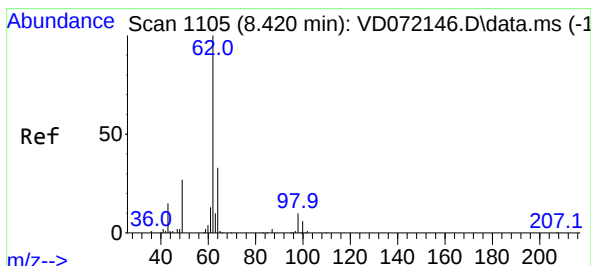
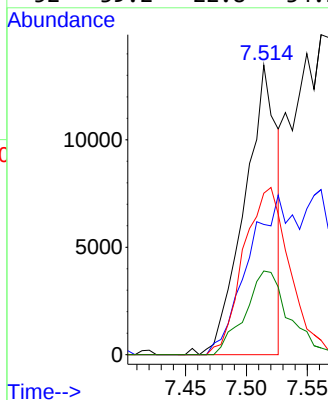
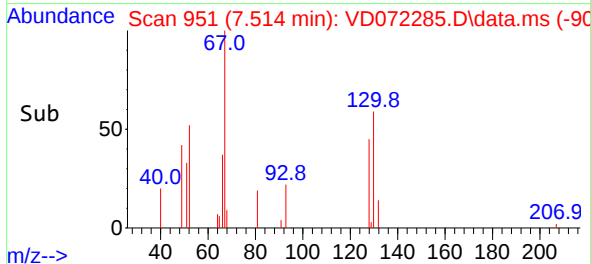
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBSD01



Tgt Ion: 41 Resp: 25010
Ion Ratio Lower Upper
41 100
39 81.1 44.6 67.0
67 81.7 48.2 72.4
52 39.2 22.8 34.2

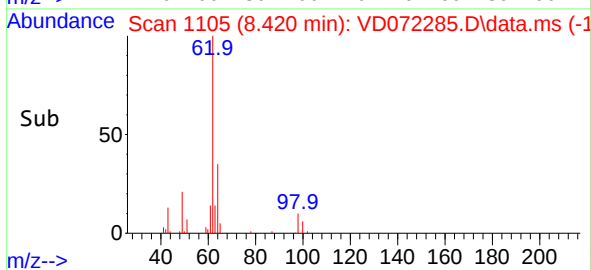
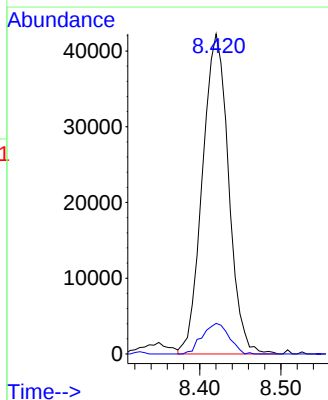
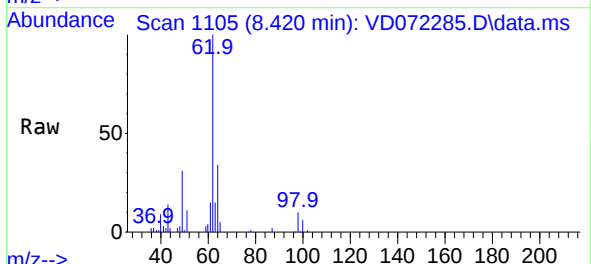
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#42
1,2-Dichloroethane
Concen: 19.914 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

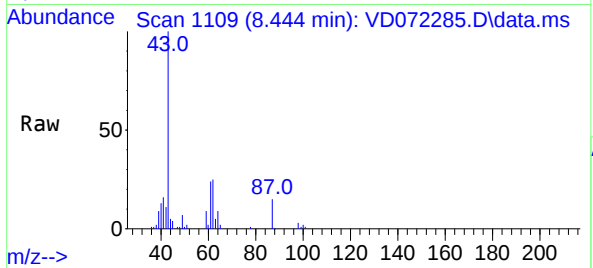
Tgt Ion: 62 Resp: 94584
Ion Ratio Lower Upper
62 100
98 9.8 0.0 17.6





#43
Isopropyl Acetate
Concen: 20.037 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

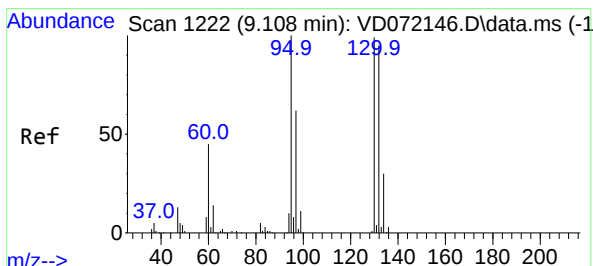
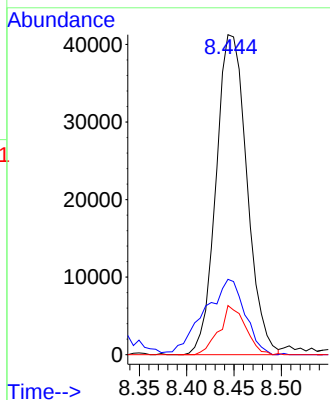
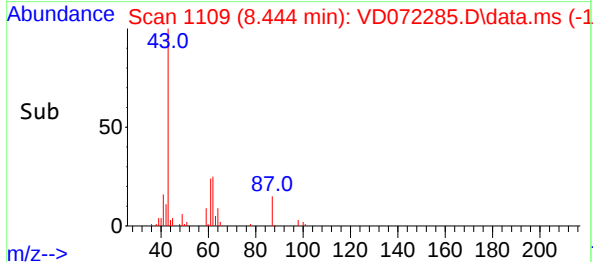
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



Tgt Ion: 43 Resp: 93499
Ion Ratio Lower Upper
43 100
61 31.0 22.4 33.6
87 13.1 8.7 13.1

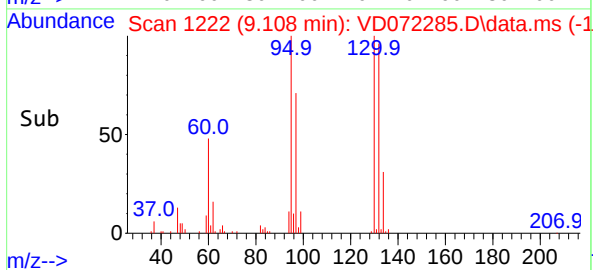
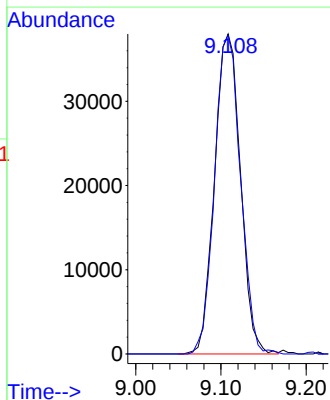
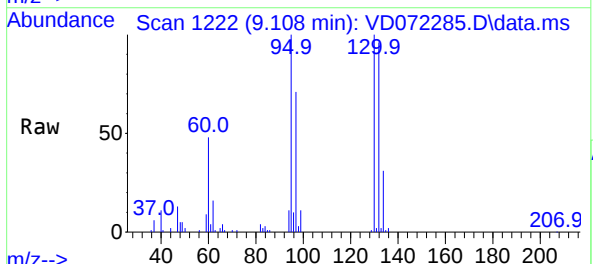
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#44
Trichloroethene
Concen: 18.264 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

Tgt Ion:130 Resp: 80282
Ion Ratio Lower Upper
130 100
95 99.7 0.0 205.4





#45

1,2-Dichloropropane

Concen: 19.973 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.006 min

Lab File: VD072285.D

Acq: 18 Mar 2022 12:56

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBS01

Tgt Ion: 63 Resp: 8576

Ion Ratio Lower Upper

63 100

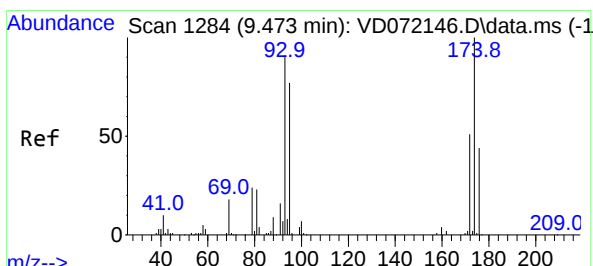
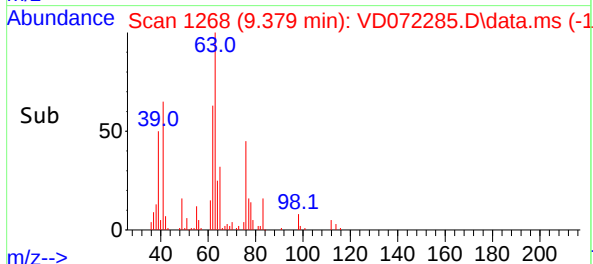
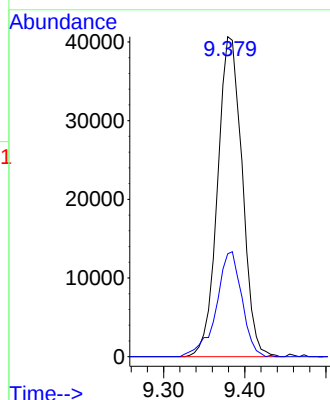
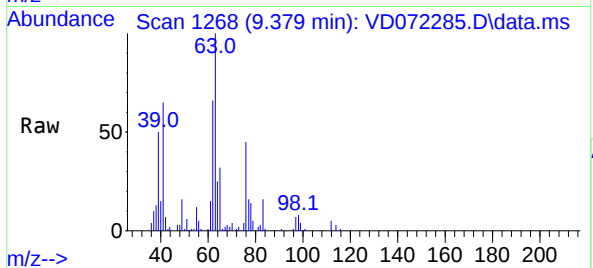
65 32.2 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2022

Supervised By :Mahesh Dadoda 03/21/2022



#46

Dibromomethane

Concen: 20.017 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VD072285.D

Acq: 18 Mar 2022 12:56

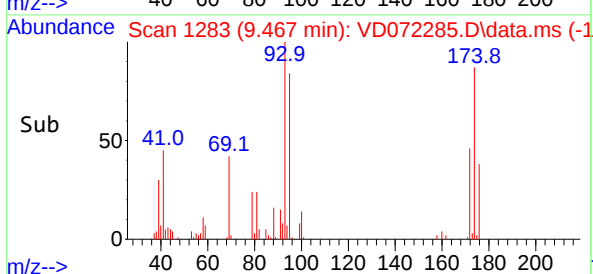
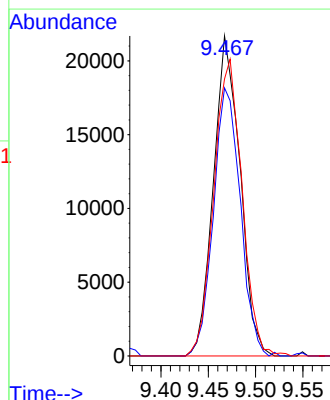
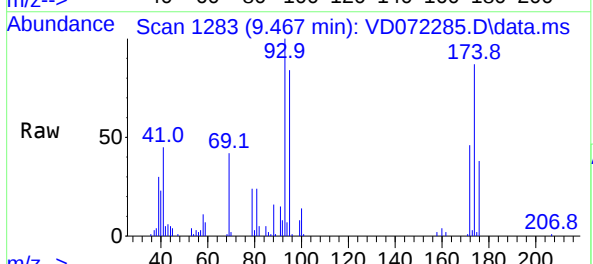
Tgt Ion: 93 Resp: 42281

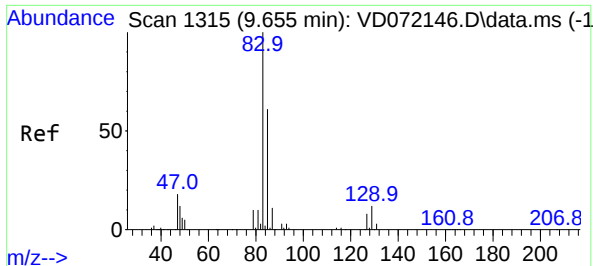
Ion Ratio Lower Upper

93 100

95 85.2 66.7 100.1

174 98.4 71.6 107.4





#47

Bromodichloromethane

Concen: 20.325 ug/l

RT: 9.655 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VD072285.D

Acq: 18 Mar 2022 12:56

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBS01

Tgt Ion: 83 Resp: 12515

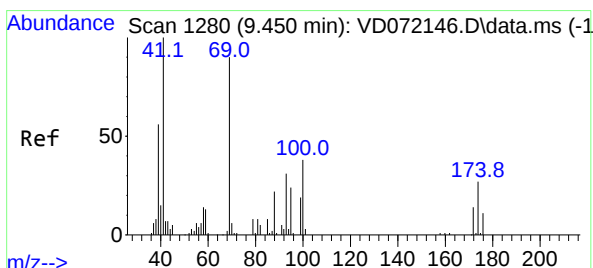
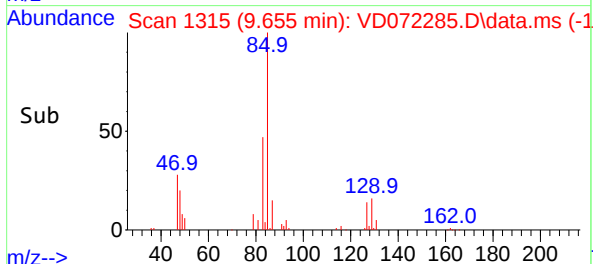
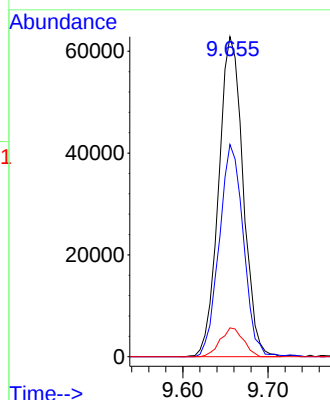
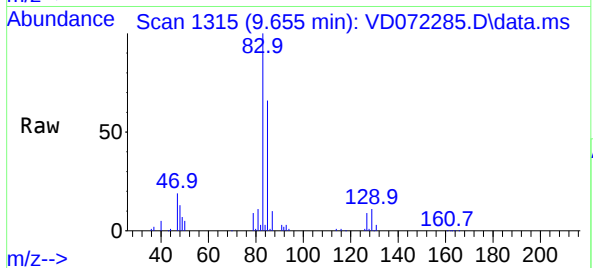
Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.4	77.0
127	9.0	6.1	9.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2022

Supervised By :Mahesh Dadoda 03/21/2022



#48

Methyl methacrylate

Concen: 21.467 ug/l

RT: 9.449 min Scan# 1280

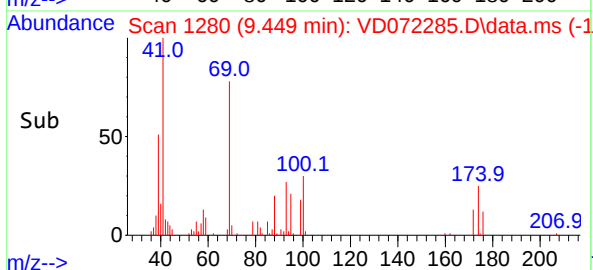
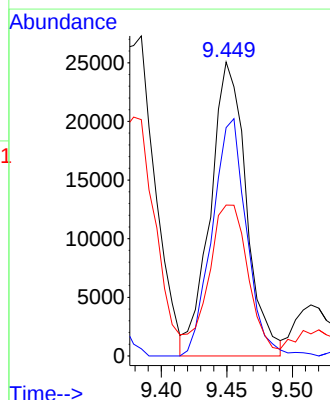
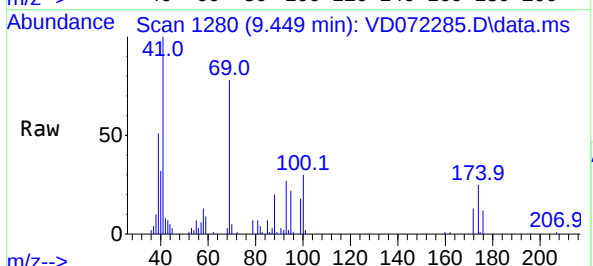
Delta R.T. -0.000 min

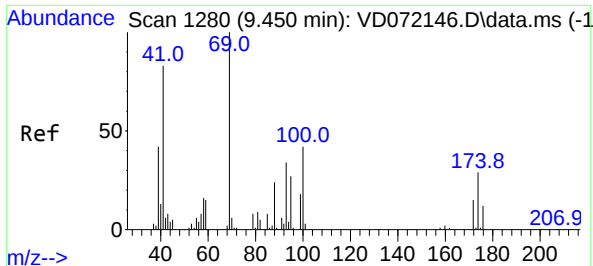
Lab File: VD072285.D

Acq: 18 Mar 2022 12:56

Tgt Ion: 41 Resp: 47831

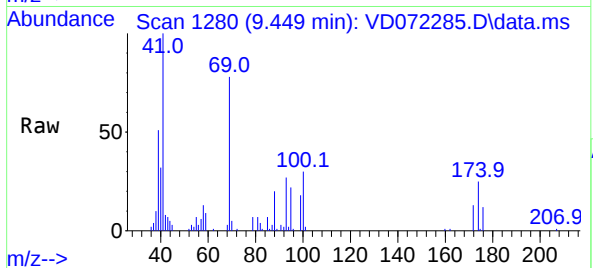
Ion	Ratio	Lower	Upper
41	100		
69	77.3	56.7	85.1
39	57.0	42.7	64.1





#49
1,4-Dioxane
Concen: 401.502 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

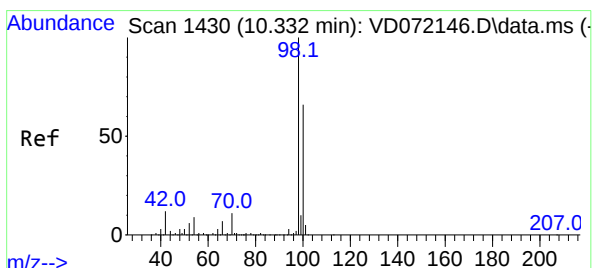
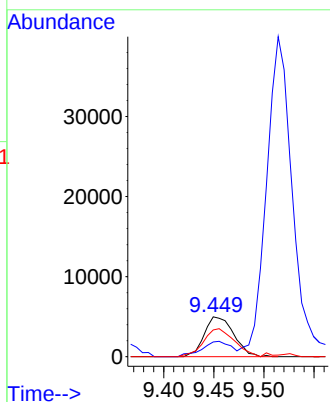
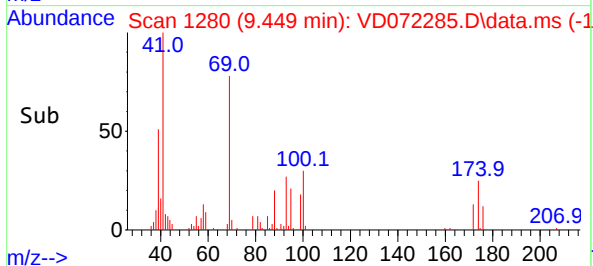
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



Tgt Ion: 88 Resp: 10170
Ion Ratio Lower Upper
88 100
43 38.2 31.0 46.4
58 73.8 58.1 87.1

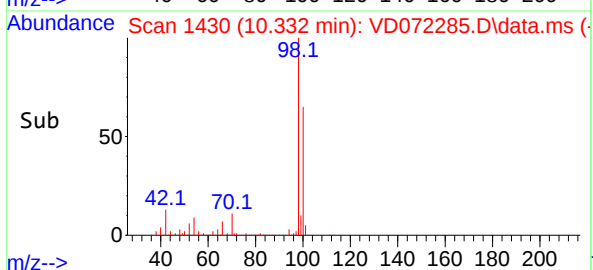
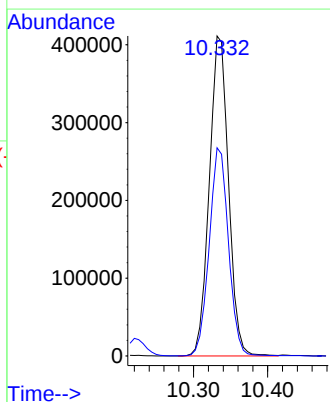
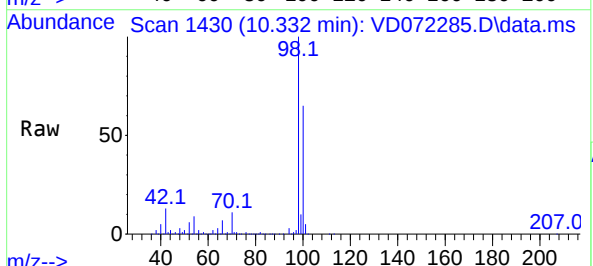
Manual Integrations
APPROVED

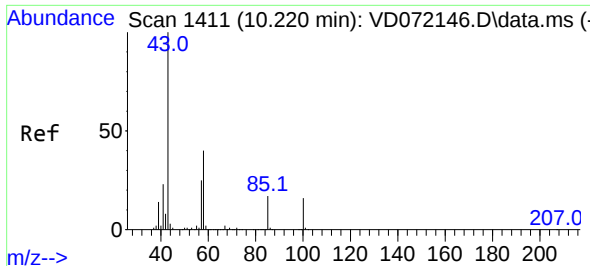
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#50
Toluene-d8
Concen: 51.675 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

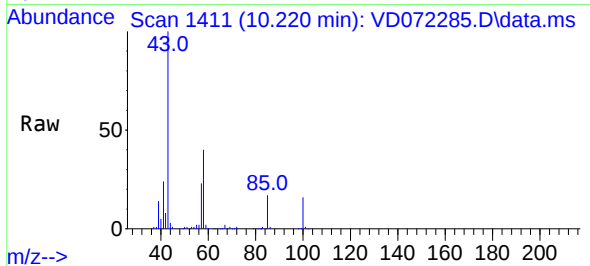
Tgt Ion: 98 Resp: 739210
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 105.999 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

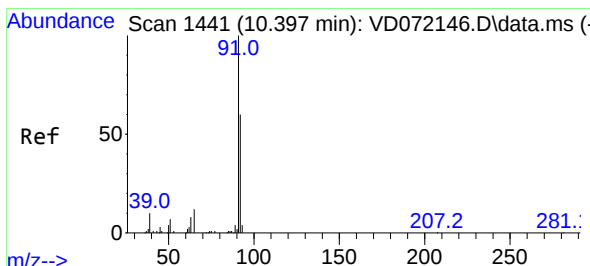
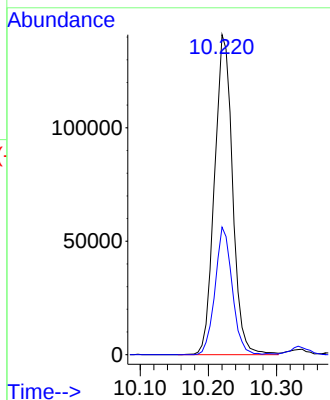
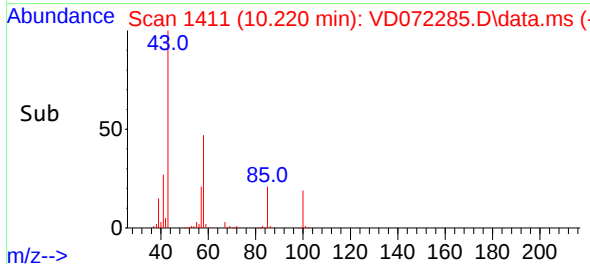
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



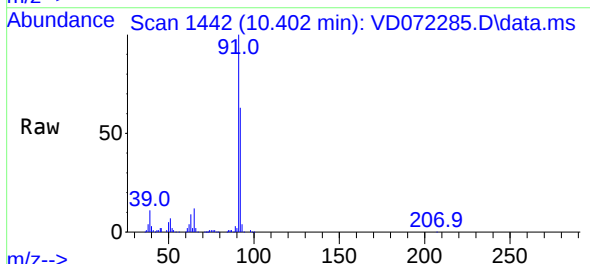
Tgt Ion: 43 Resp: 259783
Ion Ratio Lower Upper
43 100
58 37.8 28.6 43.0

Manual Integrations
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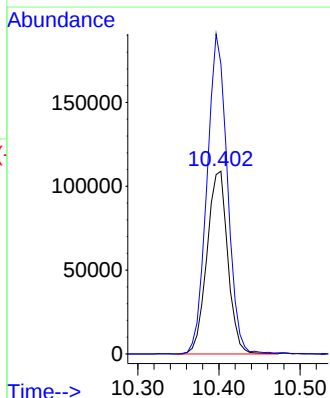
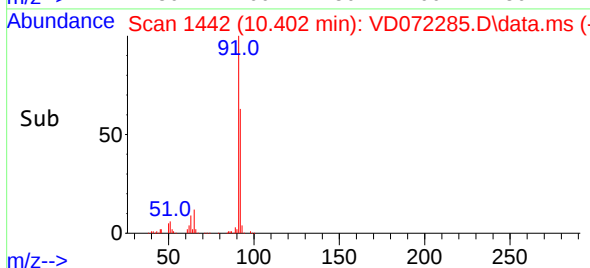
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

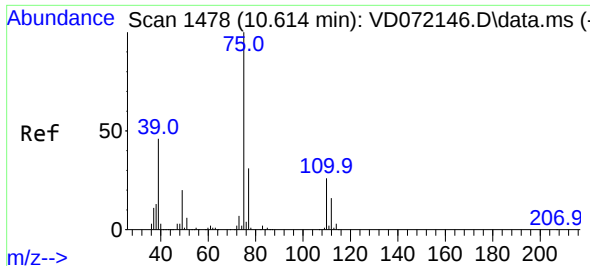


#52
Toluene
Concen: 18.851 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.006 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56



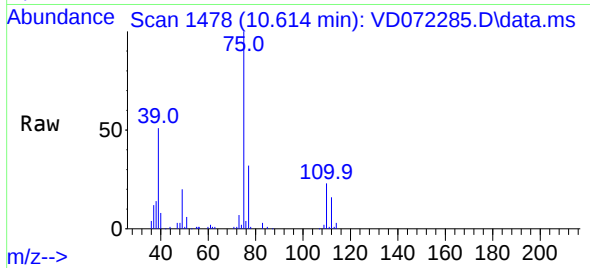
Tgt Ion: 92 Resp: 194225
Ion Ratio Lower Upper
92 100
91 171.5 139.6 209.4





#53
 t-1,3-Dichloropropene
 Concen: 19.526 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. -0.000 min
 Lab File: VD072285.D
 Acq: 18 Mar 2022 12:56

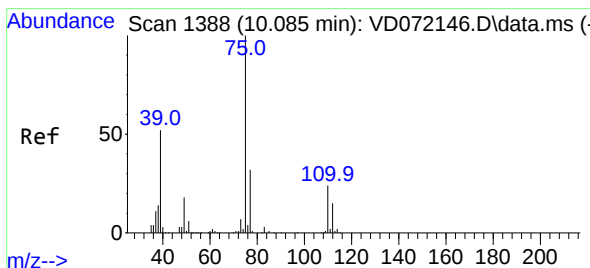
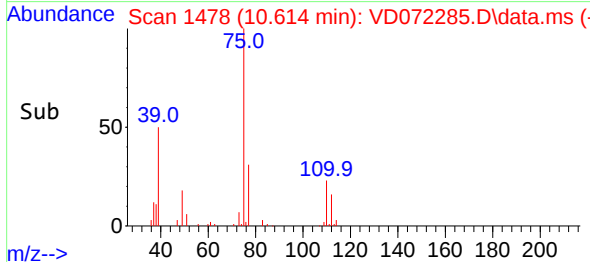
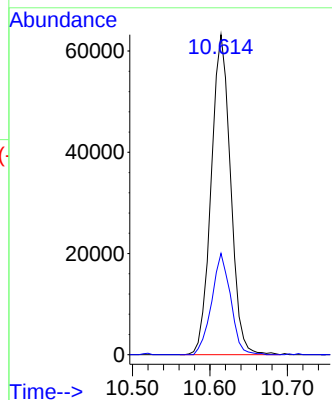
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBS01



Tgt Ion: 75 Resp: 10985
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.5 36.7

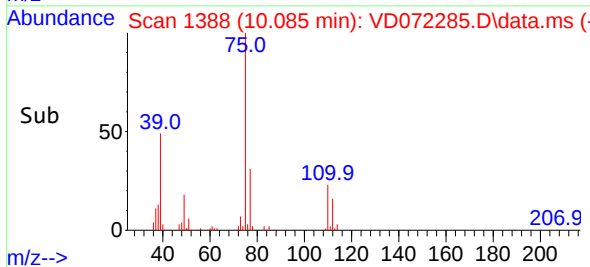
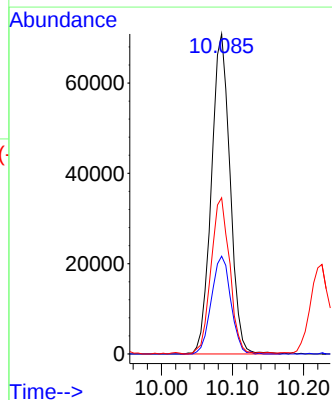
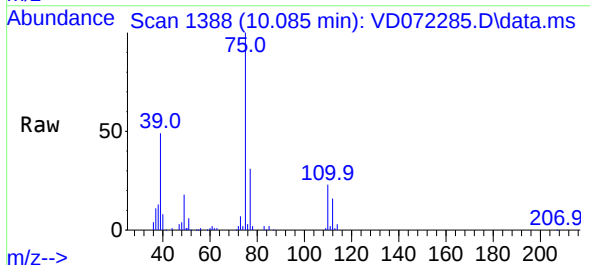
Manual Integrations
 APPROVED

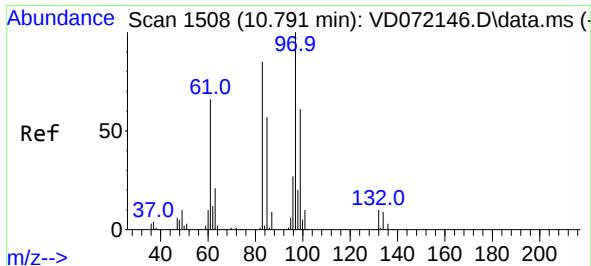
Reviewed By :John Carlone 03/21/2022
 Supervised By :Mahesh Dadoda 03/21/2022



#54
 cis-1,3-Dichloropropene
 Concen: 19.860 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. -0.000 min
 Lab File: VD072285.D
 Acq: 18 Mar 2022 12:56

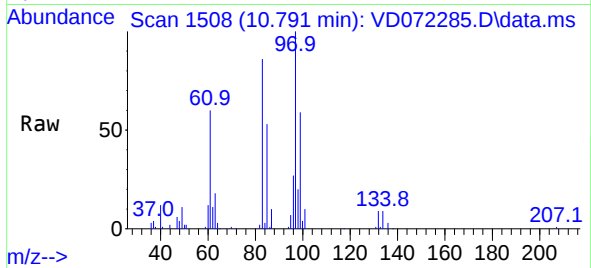
Tgt Ion: 75 Resp: 129164
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.8 37.2
 39 48.6 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 20.959 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

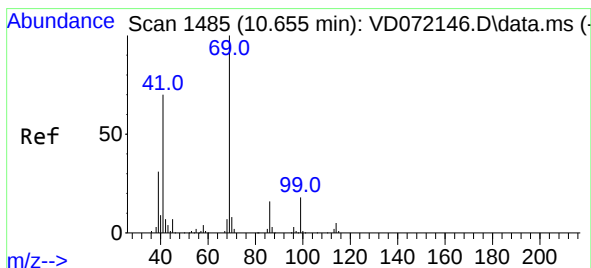
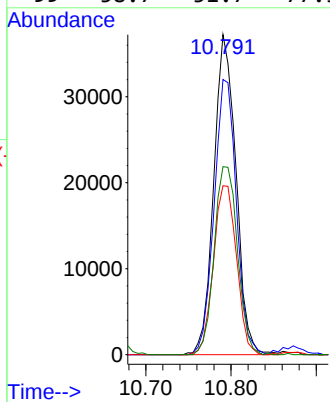
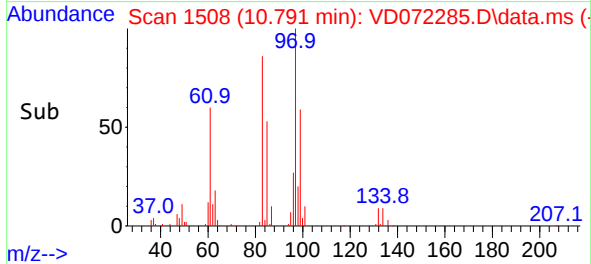
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



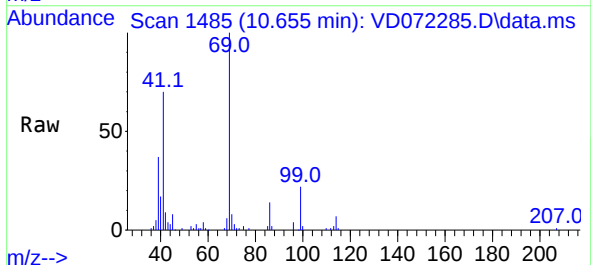
Tgt Ion: 97 Resp: 67440
Ion Ratio Lower Upper
97 100
83 86.0 69.0 103.4
85 52.8 42.6 63.8
99 58.7 51.7 77.5

Manual Integrations
APPROVED

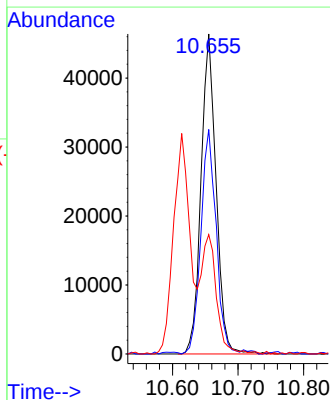
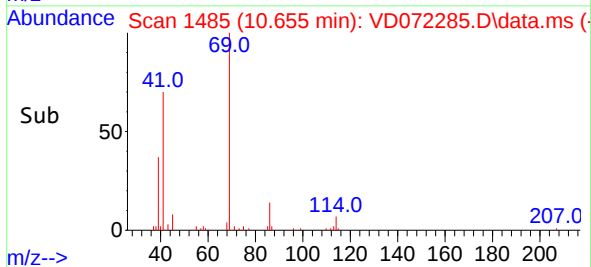
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

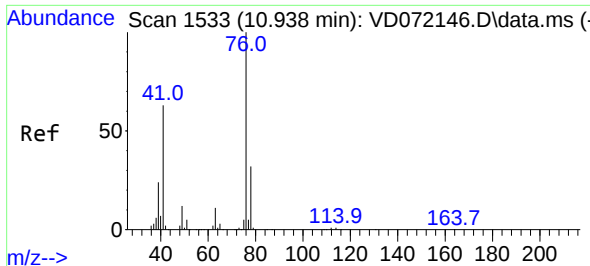


#56
Ethyl methacrylate
Concen: 19.703 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56



Tgt Ion: 69 Resp: 74257
Ion Ratio Lower Upper
69 100
41 71.3 63.0 94.6
39 36.9 33.8 50.8





#57

1,3-Dichloropropane

Concen: 20.554 ug/l

RT: 10.938 min Scan# 110998

Delta R.T. -0.000 min

Lab File: VD072285.D

Acq: 18 Mar 2022 12:56

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBS01

Tgt Ion: 76 Resp: 110998

Ion Ratio Lower Upper

76 100

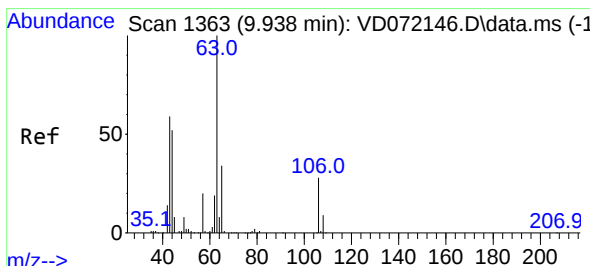
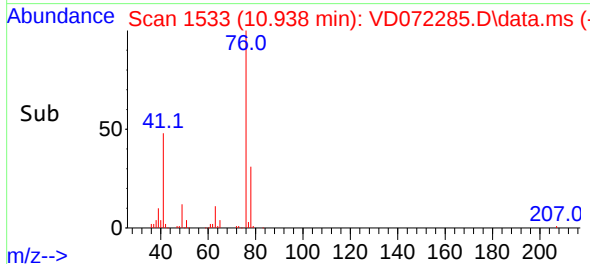
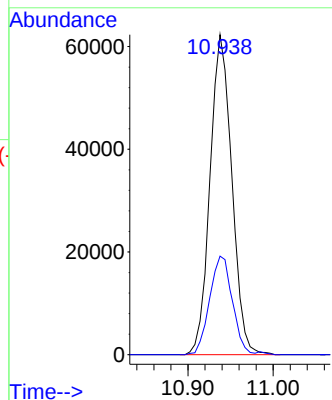
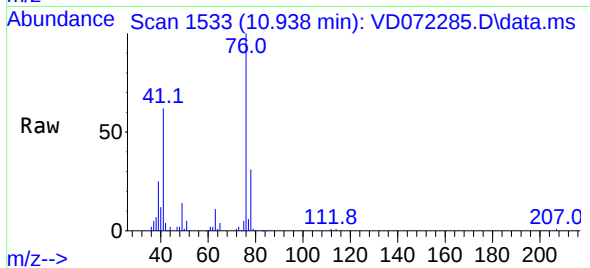
78 32.0 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2022

Supervised By :Mahesh Dadoda 03/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 91.723 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD072285.D

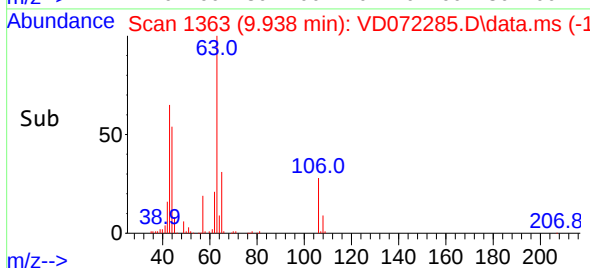
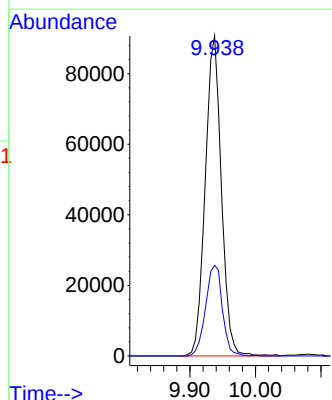
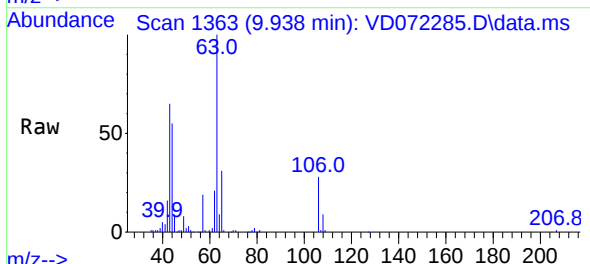
Acq: 18 Mar 2022 12:56

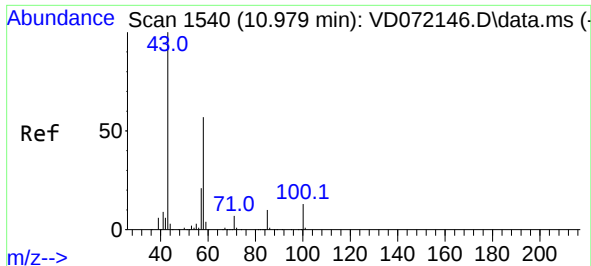
Tgt Ion: 63 Resp: 155435

Ion Ratio Lower Upper

63 100

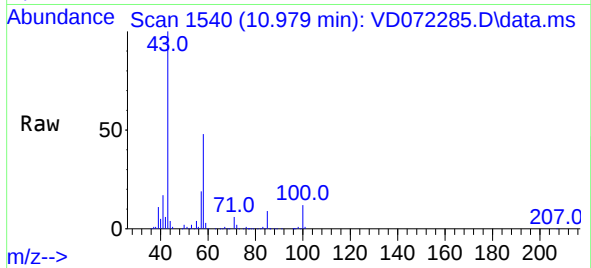
106 29.4 21.4 32.0





#59
2-Hexanone
Concen: 106.722 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

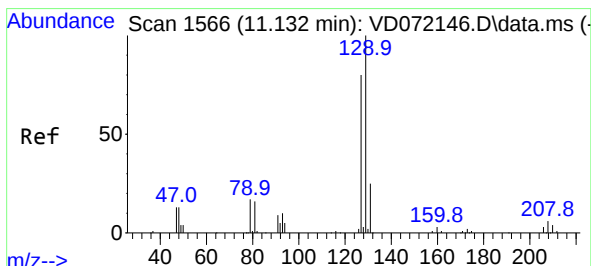
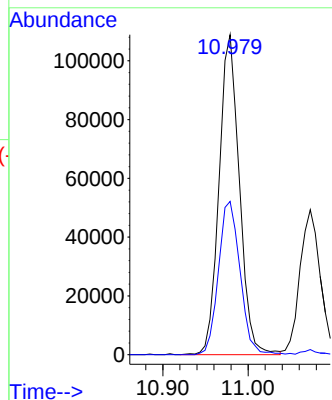
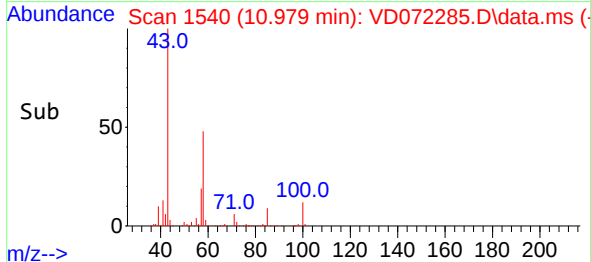
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



Tgt Ion: 43 Resp: 180648
Ion Ratio Lower Upper
43 100
58 50.8 25.3 75.9

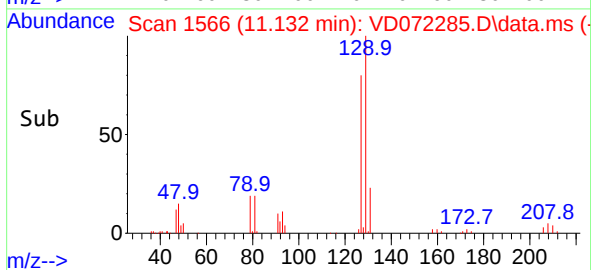
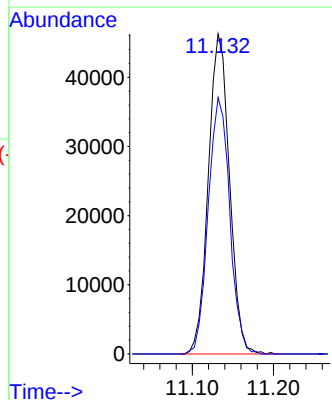
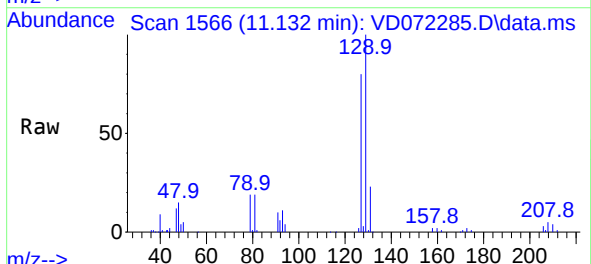
Manual Integrations
APPROVED

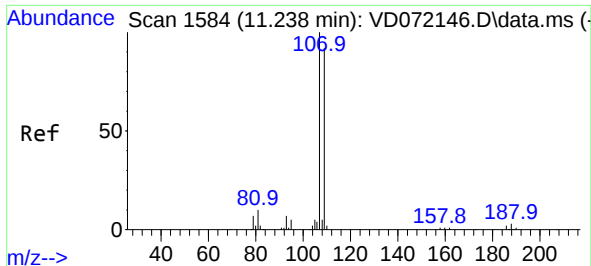
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#60
Dibromochloromethane
Concen: 20.038 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

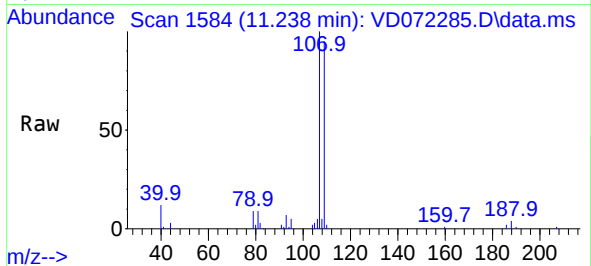
Tgt Ion:129 Resp: 83665
Ion Ratio Lower Upper
129 100
127 81.6 39.2 117.6





#61
1,2-Dibromoethane
Concen: 19.448 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

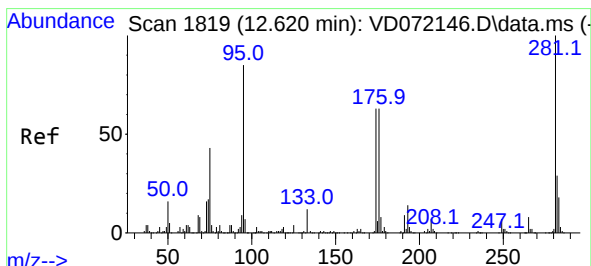
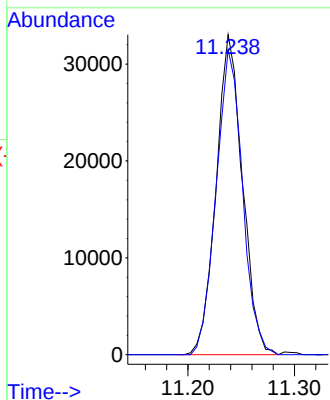
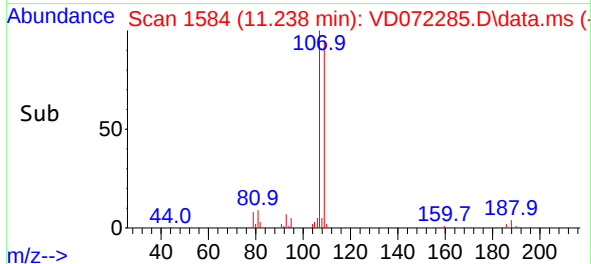
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



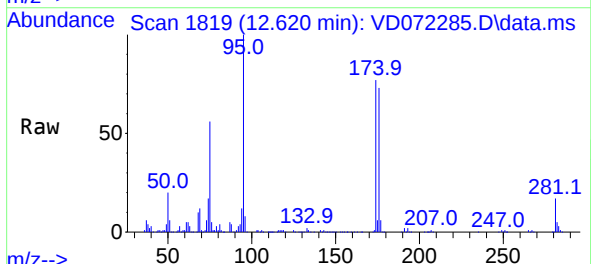
Tgt Ion:107 Resp: 56548
Ion Ratio Lower Upper
107 100
109 95.6 74.2 111.4

Manual Integrations
APPROVED

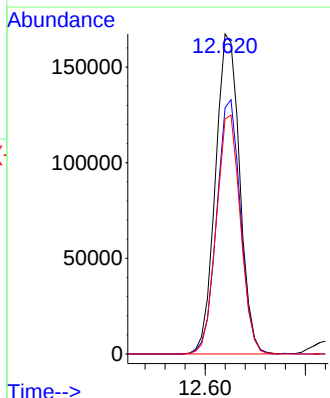
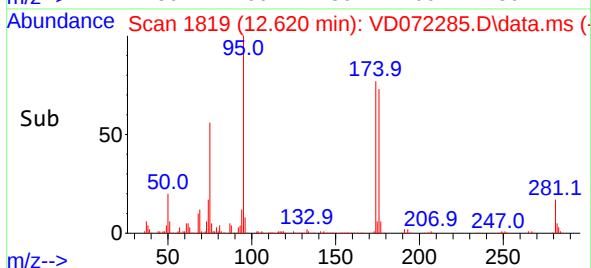
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

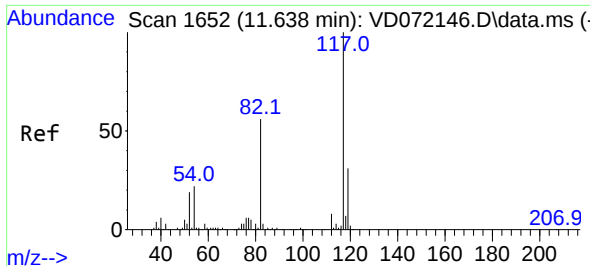


#62
4-Bromofluorobenzene
Concen: 50.479 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56



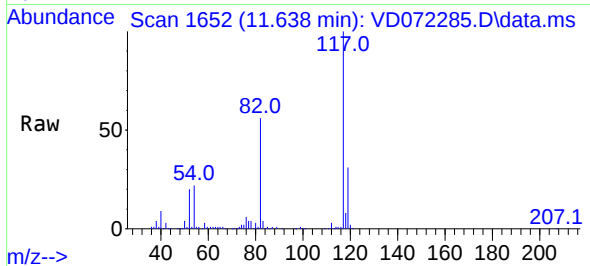
Tgt Ion: 95 Resp: 280572
Ion Ratio Lower Upper
95 100
174 78.0 0.0 152.8
176 74.3 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

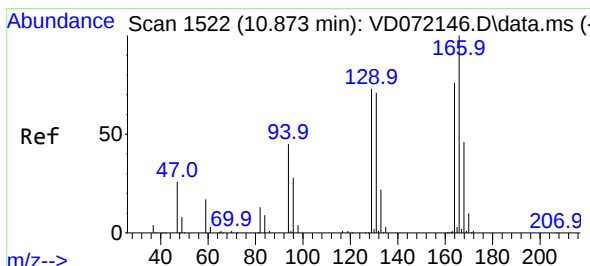
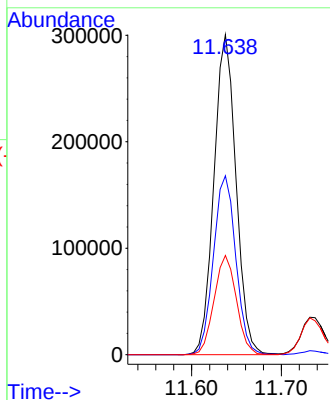
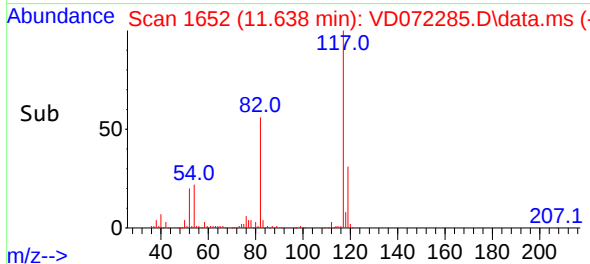
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



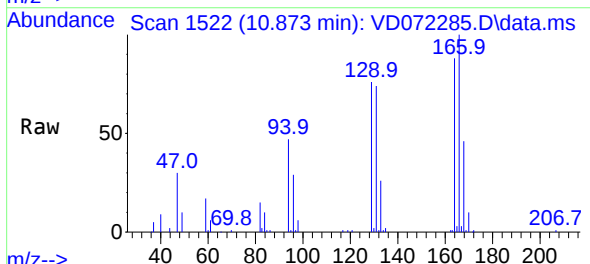
Tgt Ion:117 Resp: 513860
Ion Ratio Lower Upper
117 100
82 55.9 45.3 67.9
119 31.0 26.6 40.0

Manual Integrations
APPROVED

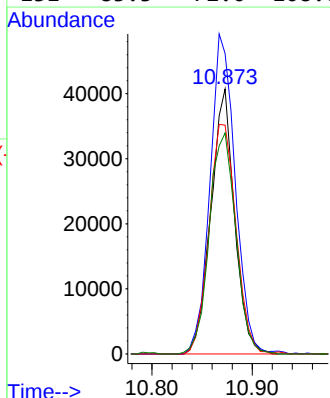
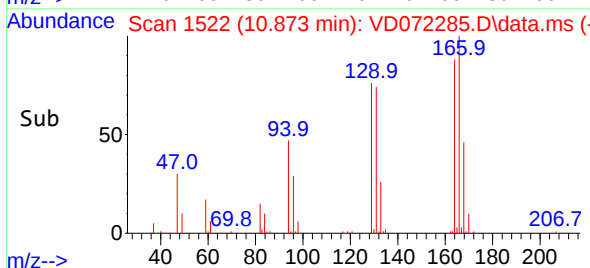
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

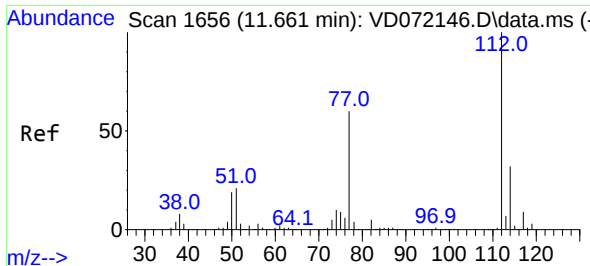


#64
Tetrachloroethene
Concen: 18.460 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56



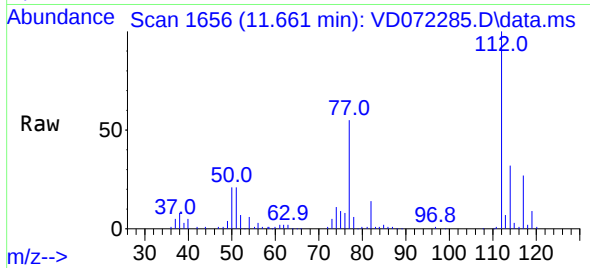
Tgt Ion:164 Resp: 66836
Ion Ratio Lower Upper
164 100
166 113.4 98.5 147.7
129 86.4 74.6 111.8
131 83.3 72.0 108.0





#65
Chlorobenzene
Concen: 19.592 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

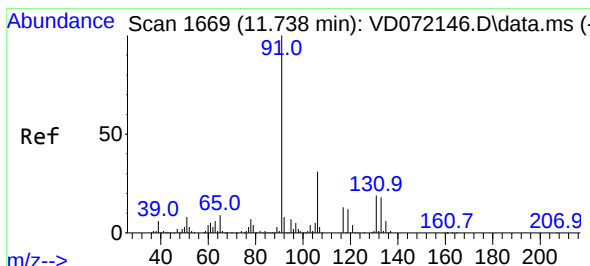
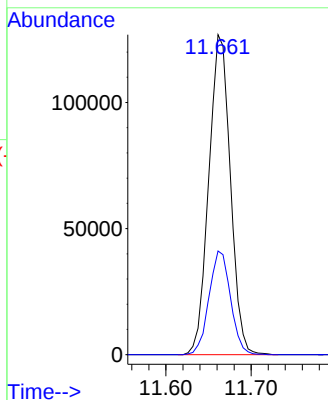
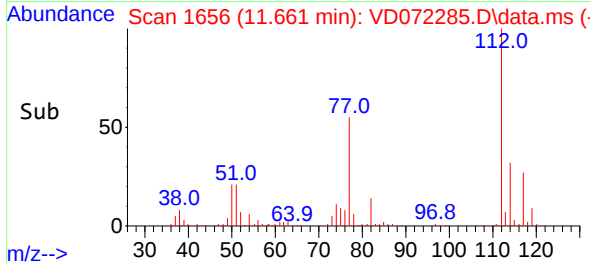
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



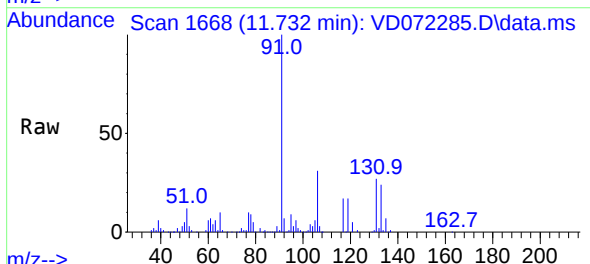
Tgt Ion:112 Resp: 22319
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6

Manual Integrations
APPROVED

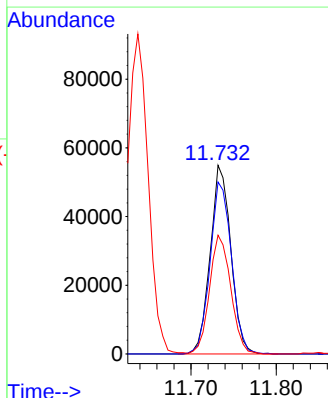
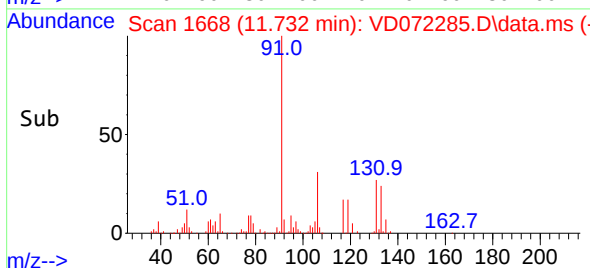
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

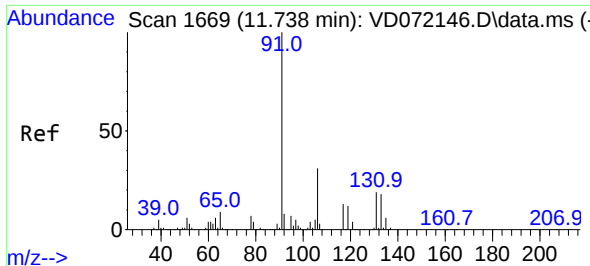


#66
1,1,1,2-Tetrachloroethane
Concen: 20.514 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56



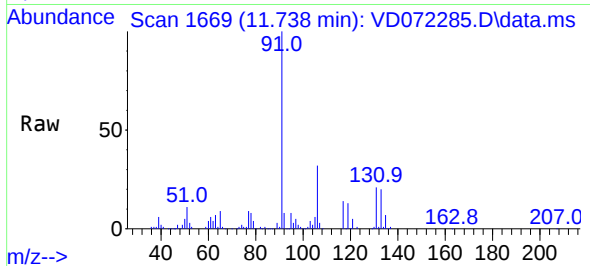
Tgt Ion:131 Resp: 92414
Ion Ratio Lower Upper
131 100
133 94.4 48.1 144.3
119 64.7 31.9 95.9





#67
Ethyl Benzene
Concen: 18.818 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

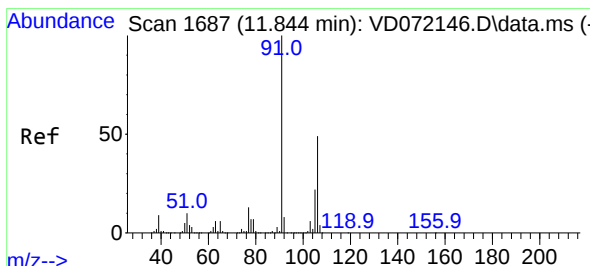
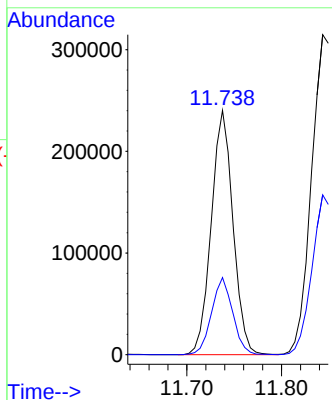
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBSD01



Tgt Ion: 91 Resp: 382870
Ion Ratio Lower Upper
91 100
106 31.5 24.2 36.4

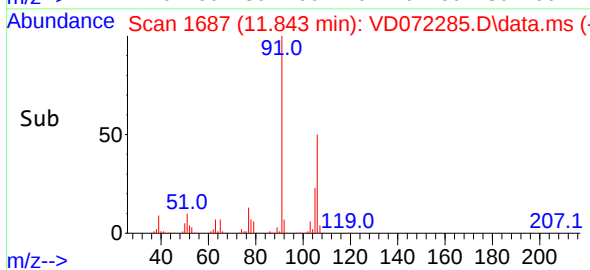
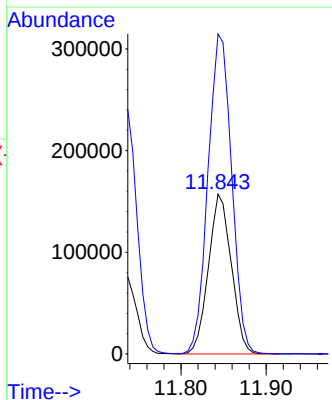
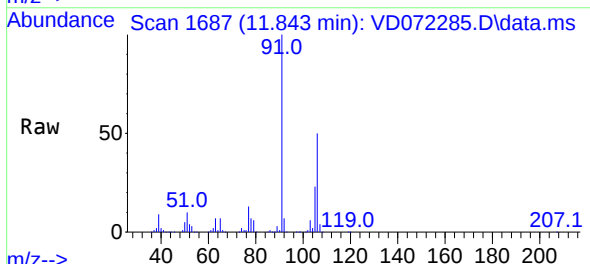
Manual Integrations
APPROVED

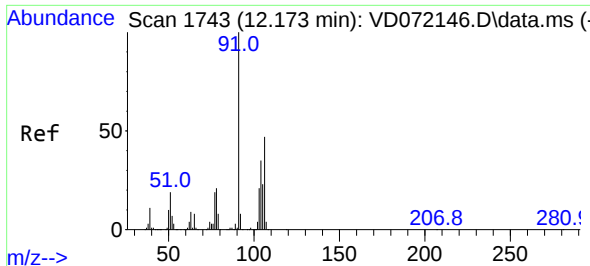
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#68
m/p-Xylenes
Concen: 38.013 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

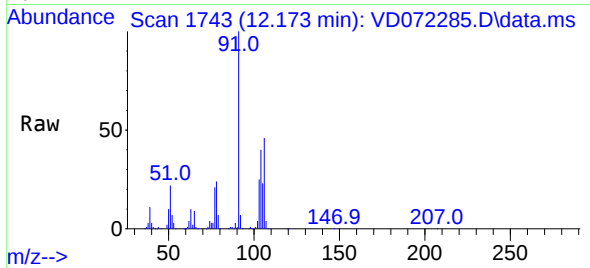
Tgt Ion:106 Resp: 293690
Ion Ratio Lower Upper
106 100
91 207.3 163.7 245.5





#69
o-Xylene
Concen: 19.216 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

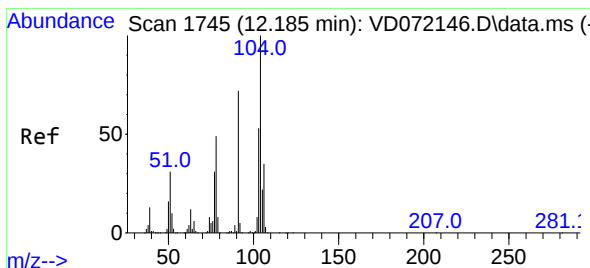
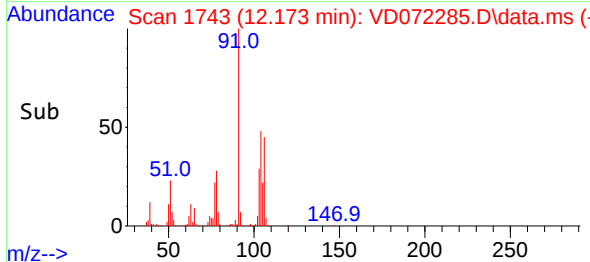
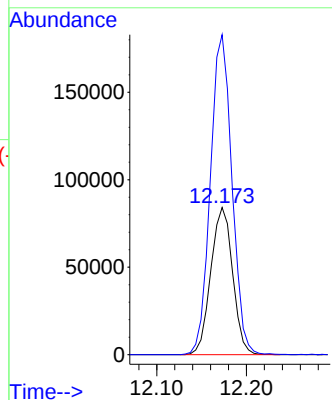
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



Tgt Ion:106 Resp: 142000
Ion Ratio Lower Upper
106 100
91 215.3 110.4 331.2

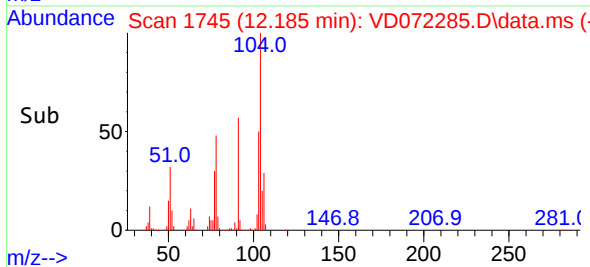
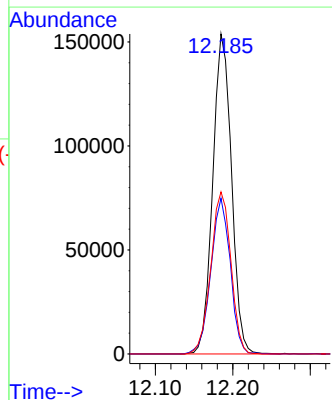
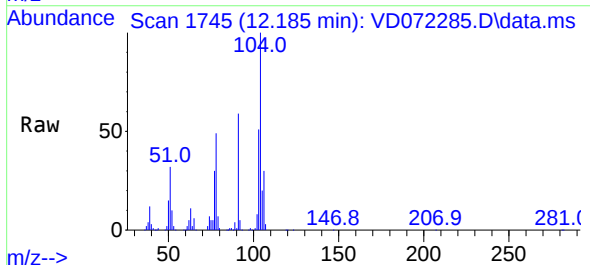
Manual Integrations
APPROVED

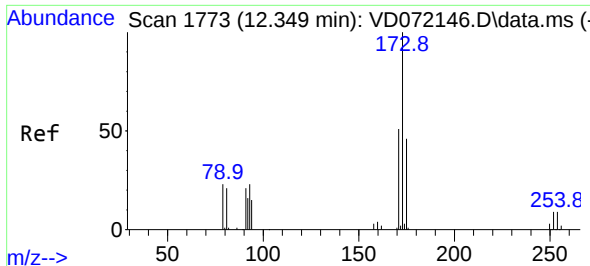
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#70
Styrene
Concen: 20.013 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

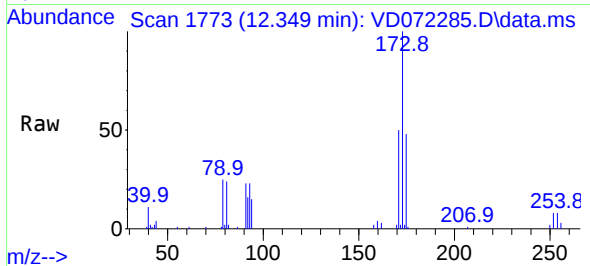
Tgt Ion:104 Resp: 258267
Ion Ratio Lower Upper
104 100
78 50.4 41.8 62.8
103 54.3 44.2 66.4





#71
Bromoform
Concen: 20.959 ug/l
RT: 12.349 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

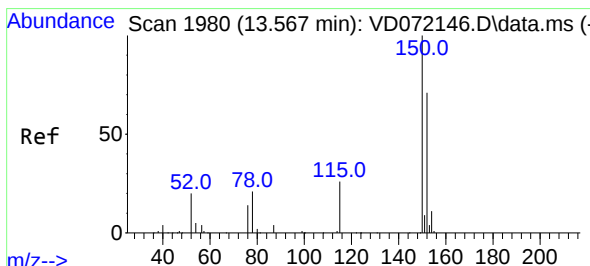
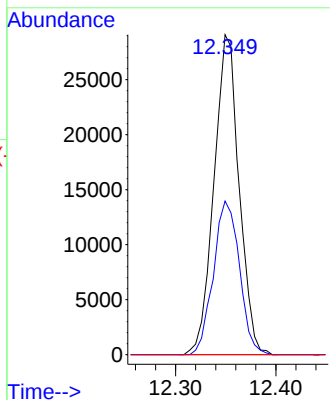
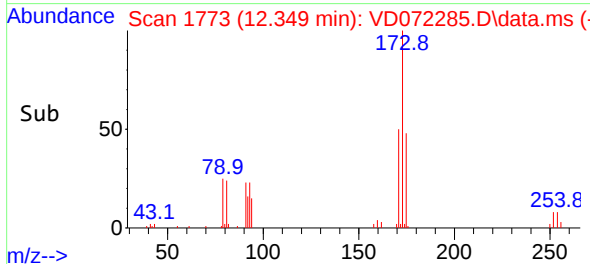
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBSD01



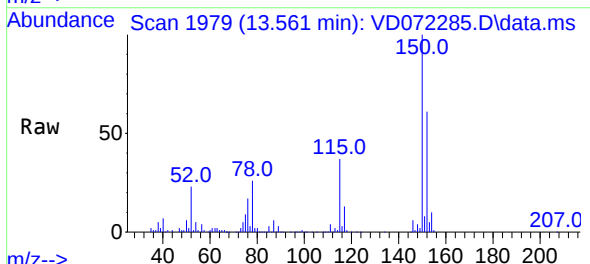
Tgt Ion:173 Resp: 50438
Ion Ratio Lower Upper
173 100
175 49.9 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

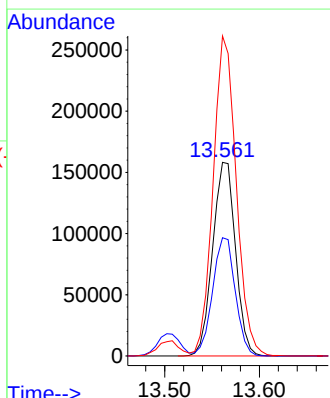
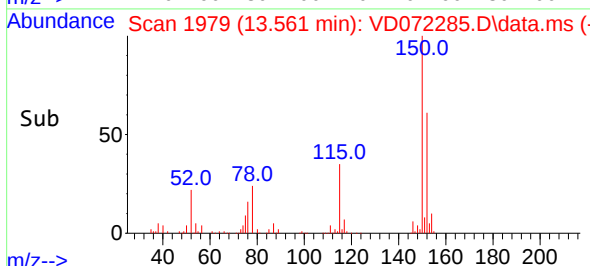
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

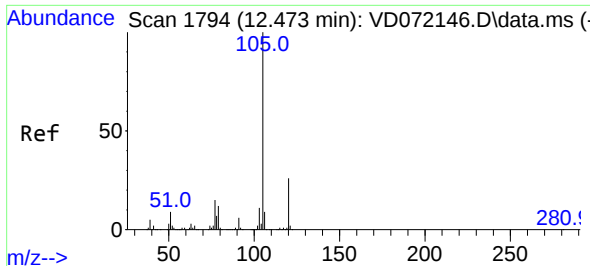


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56



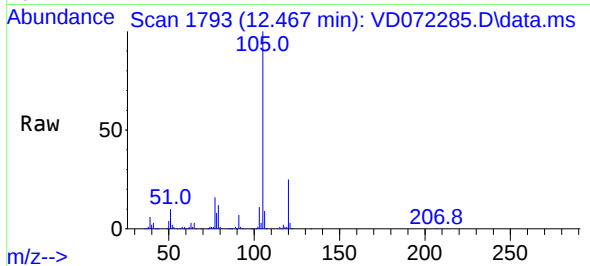
Tgt Ion:152 Resp: 265392
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 167.4 0.0 348.6





#73
Isopropylbenzene
Concen: 19.053 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

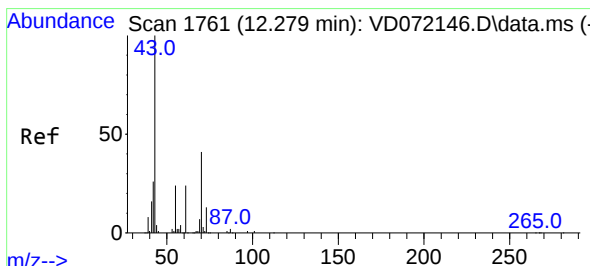
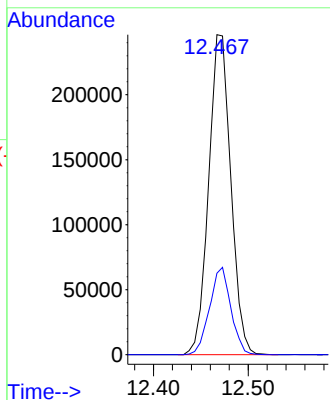
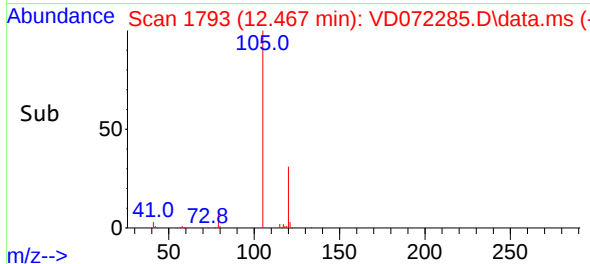
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBSD01



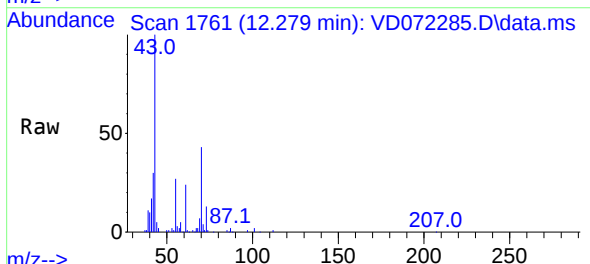
Tgt Ion:105 Resp: 400698
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9

Manual Integrations
APPROVED

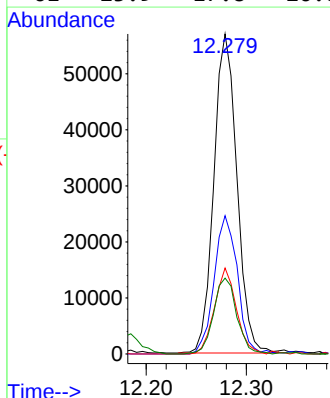
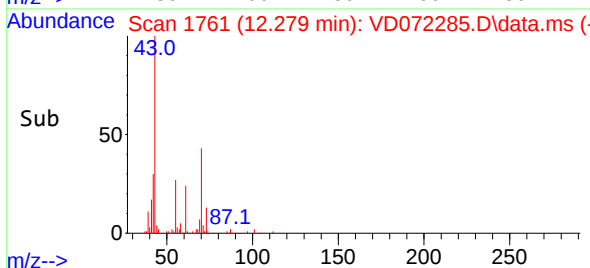
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

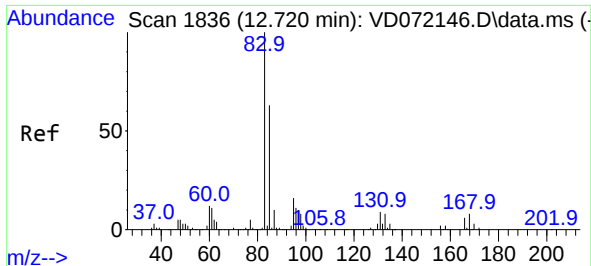


#74
N-ethyl acetate
Concen: 20.134 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56



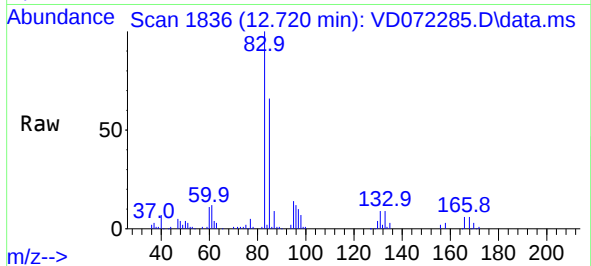
Tgt Ion: 43 Resp: 90996
Ion Ratio Lower Upper
43 100
70 44.0 31.3 46.9
55 25.6 20.0 30.0
61 23.9 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 21.628 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

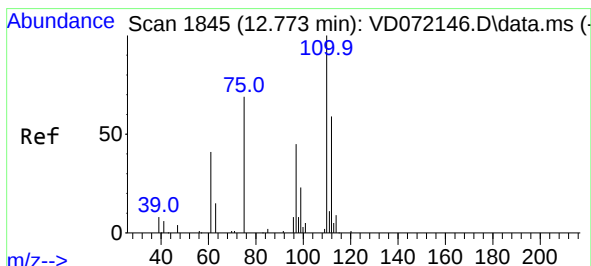
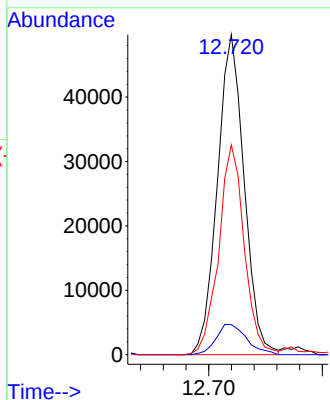
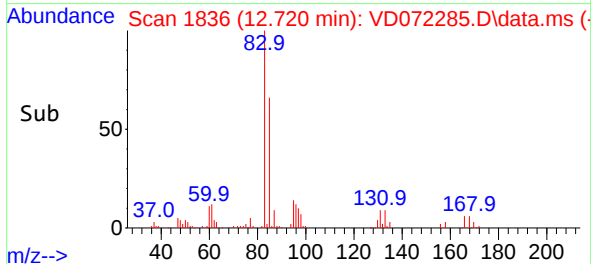
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBSD01



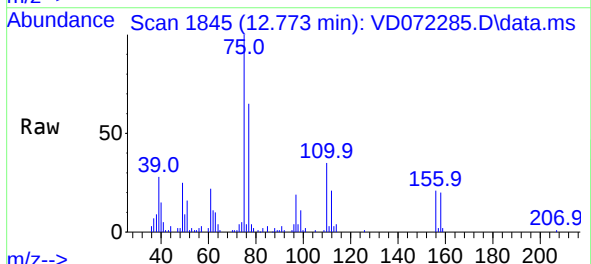
Tgt Ion: 83 Resp: 81350
Ion Ratio Lower Upper
83 100
131 10.9 5.0 14.9
85 62.5 32.6 98.0

Manual Integrations
APPROVED

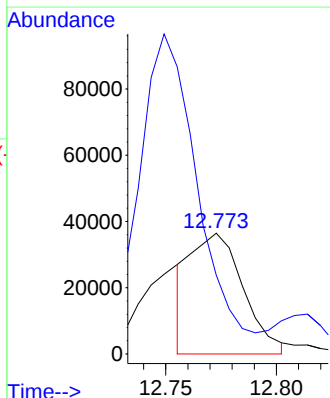
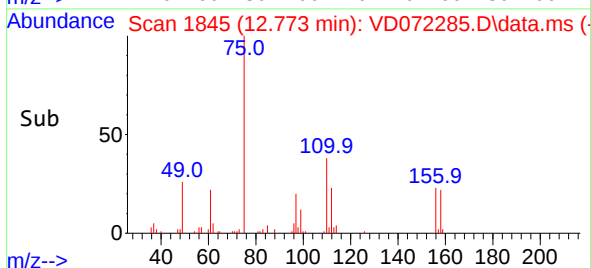
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

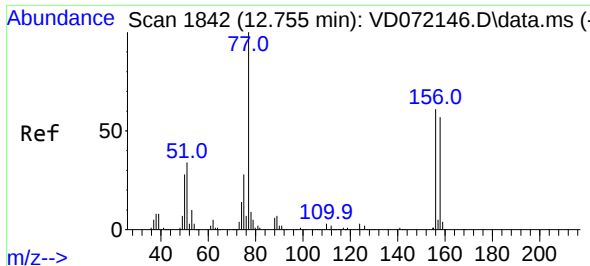


#76
1,2,3-Trichloropropane
Concen: 20.743 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56



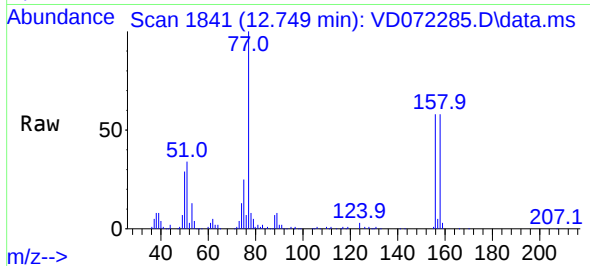
Tgt Ion: 75 Resp: 60725
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.742 ug/l
RT: 12.749 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

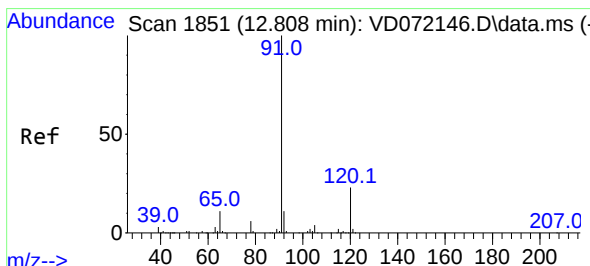
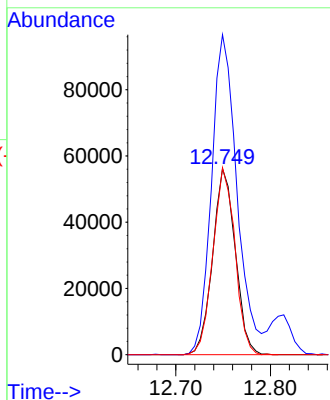
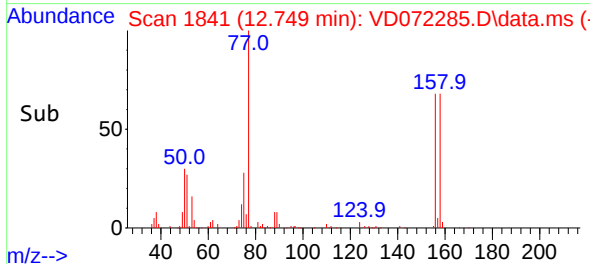
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



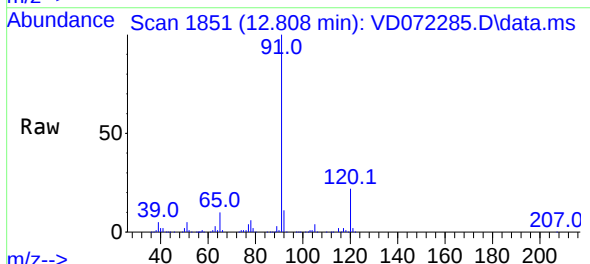
Tgt Ion:156 Resp: 93449
Ion Ratio Lower Upper
156 100
77 192.9 102.8 308.3
158 97.8 48.7 146.1

Manual Integrations
APPROVED

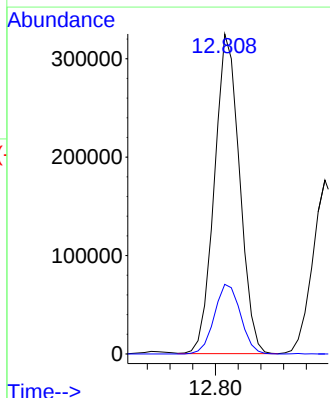
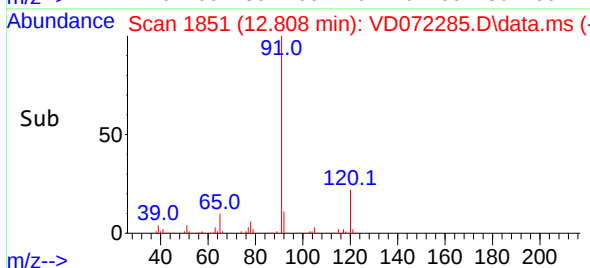
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

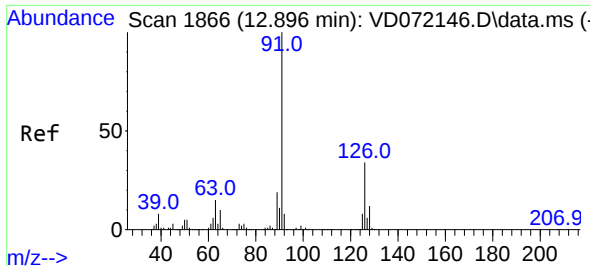


#78
n-propylbenzene
Concen: 19.521 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56



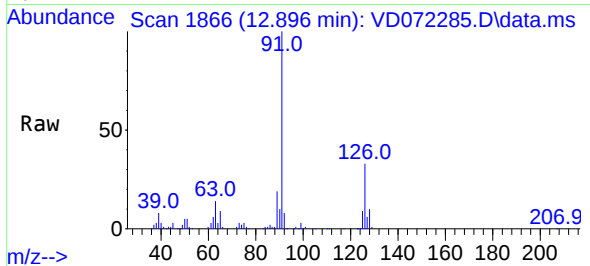
Tgt Ion: 91 Resp: 498678
Ion Ratio Lower Upper
91 100
120 22.7 10.9 32.9





#79
2-Chlorotoluene
Concen: 19.749 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

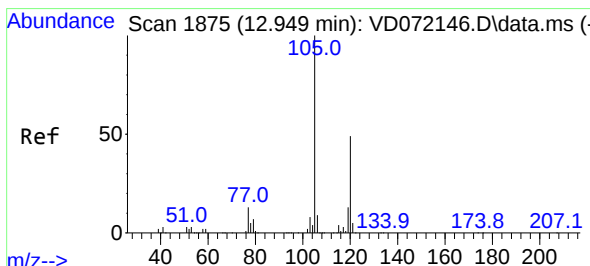
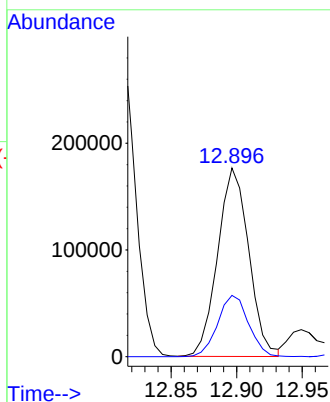
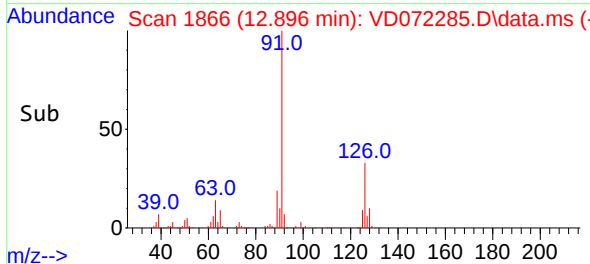
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



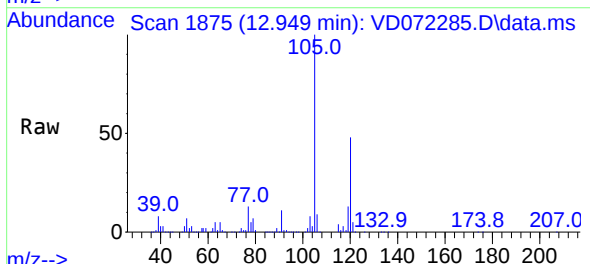
Tgt Ion: 91 Resp: 29172
Ion Ratio Lower Upper
91 100
126 32.3 16.2 48.6

Manual Integrations
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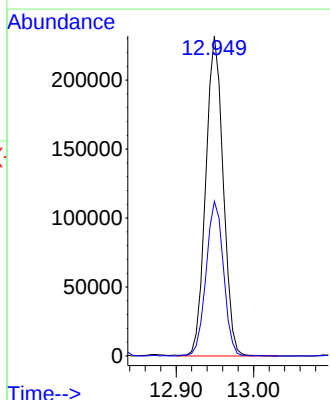
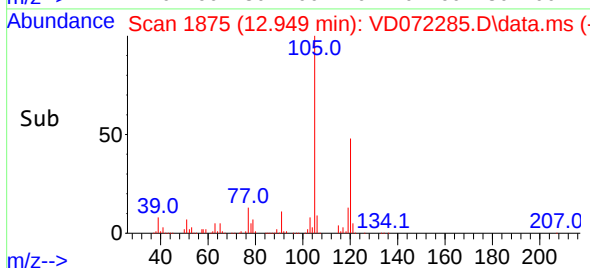
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

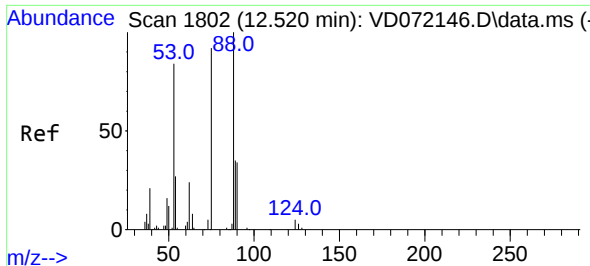


#80
1,3,5-Trimethylbenzene
Concen: 20.064 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56



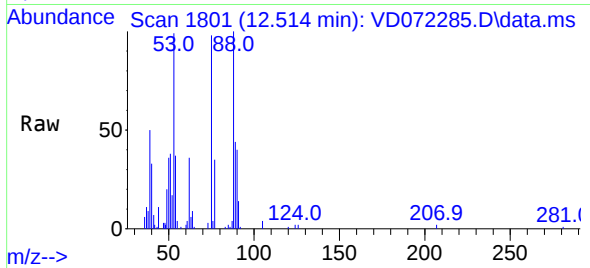
Tgt Ion:105 Resp: 362508
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 18.989 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

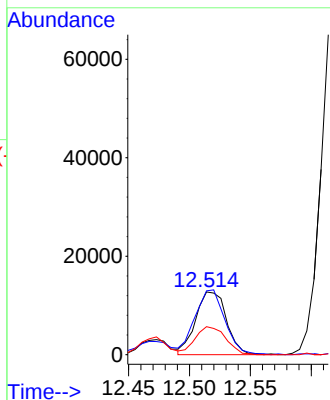
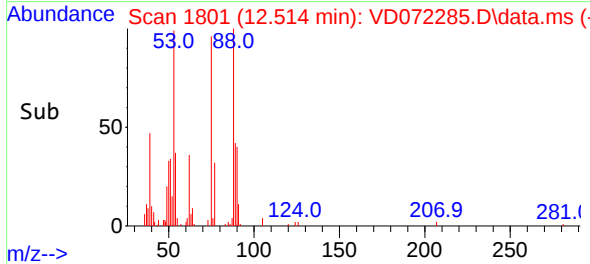
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



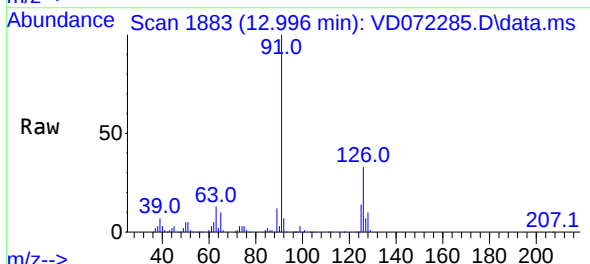
Tgt Ion: 75 Resp: 2240
Ion Ratio Lower Upper
75 100
53 100.7 86.5 129.7
89 44.5 33.9 50.9

Manual Integrations
APPROVED

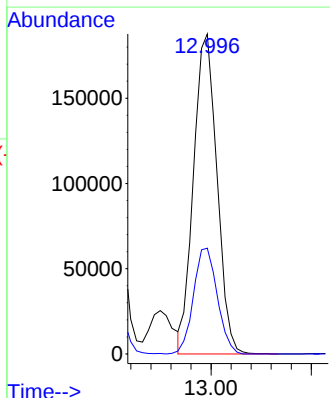
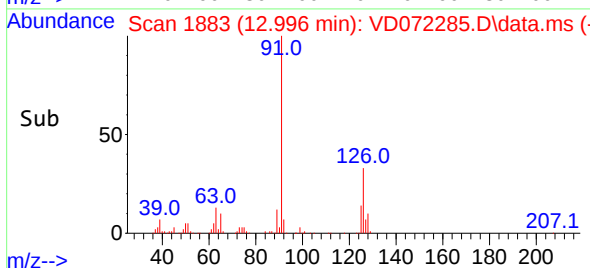
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

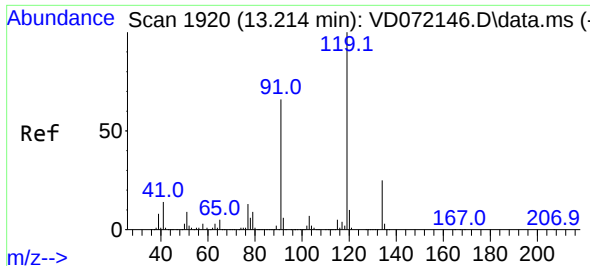


#82
4-Chlorotoluene
Concen: 19.934 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56



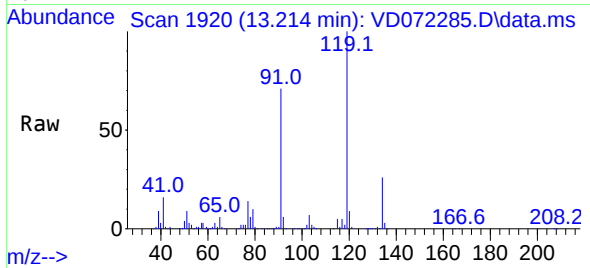
Tgt Ion: 91 Resp: 304884
Ion Ratio Lower Upper
91 100
126 33.6 16.5 49.5





#83
tert-Butylbenzene
Concen: 19.228 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

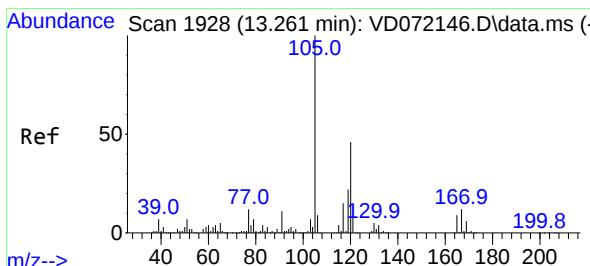
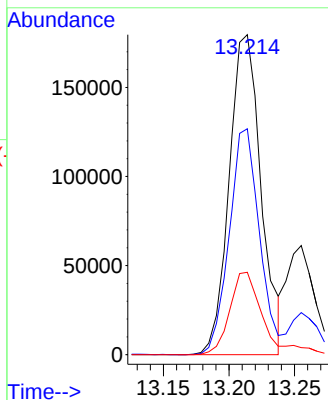
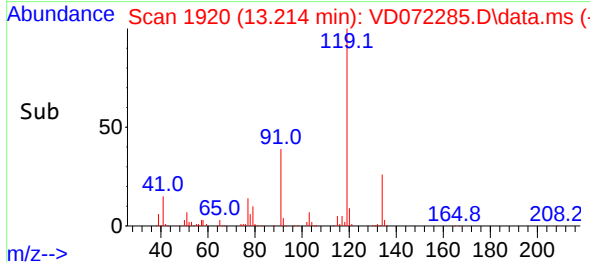
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBSD01



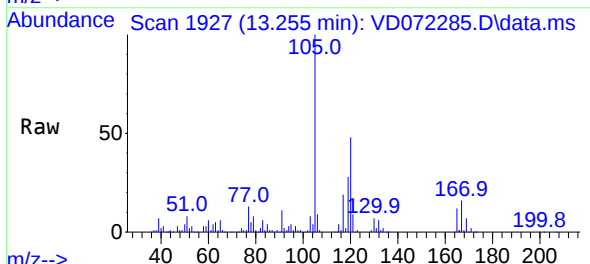
Tgt Ion:119 Resp: 304584
Ion Ratio Lower Upper
119 100
91 66.6 34.8 104.5
134 26.9 13.3 39.9

Manual Integrations
APPROVED

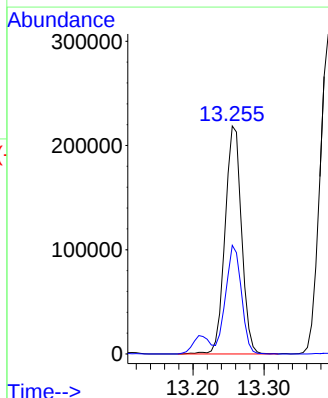
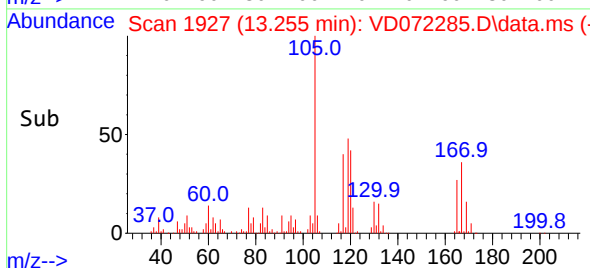
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

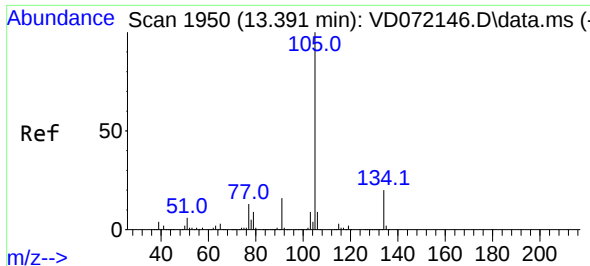


#84
1,2,4-Trimethylbenzene
Concen: 19.781 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56



Tgt Ion:105 Resp: 352158
Ion Ratio Lower Upper
105 100
120 45.2 22.3 66.8





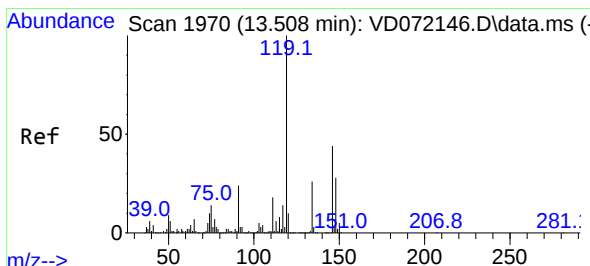
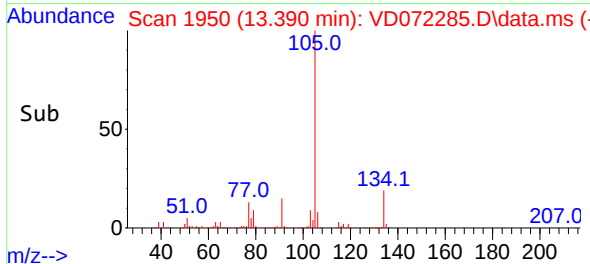
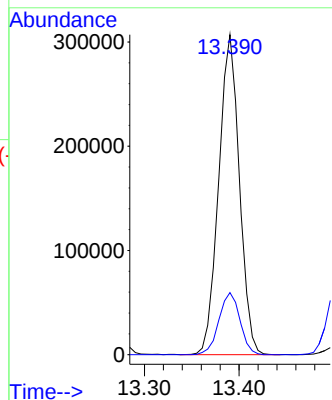
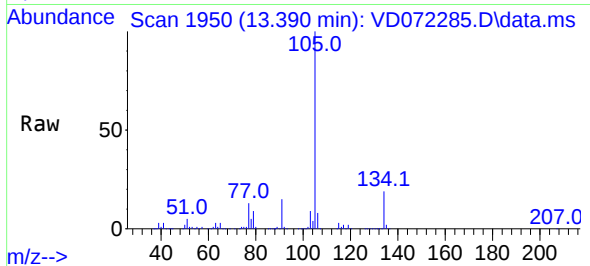
#85
 sec-Butylbenzene
 Concen: 19.627 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD072285.D
 Acq: 18 Mar 2022 12:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBSD01

Tgt Ion:105 Resp: 46689
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

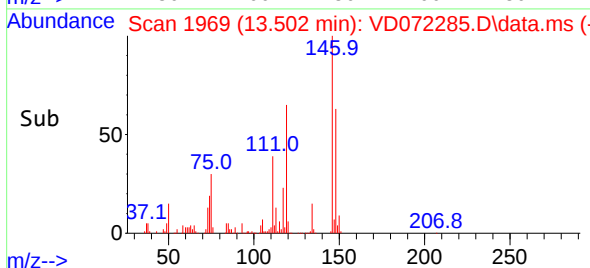
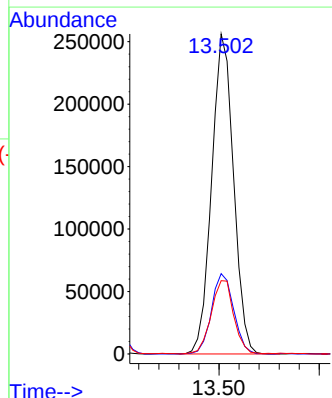
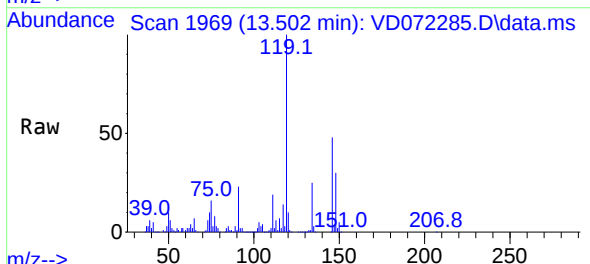
Manual Integrations
 APPROVED

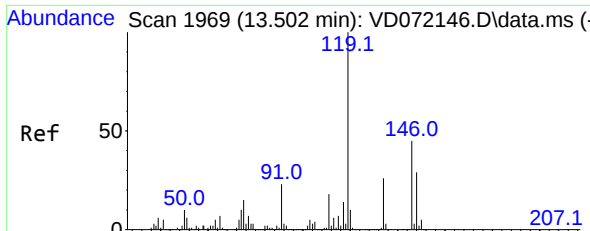
Reviewed By :John Carlone 03/21/2022
 Supervised By :Mahesh Dadoda 03/21/2022



#86
 p-Isopropyltoluene
 Concen: 19.805 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD072285.D
 Acq: 18 Mar 2022 12:56

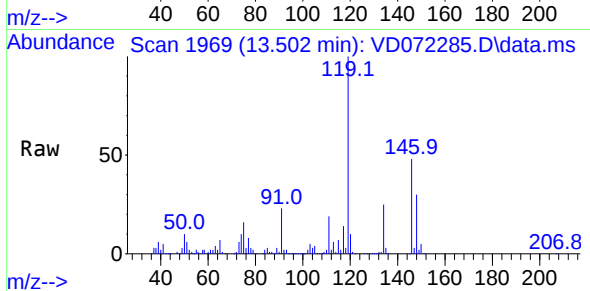
Tgt Ion:119 Resp: 387668
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.6
 91 23.8 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 20.350 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

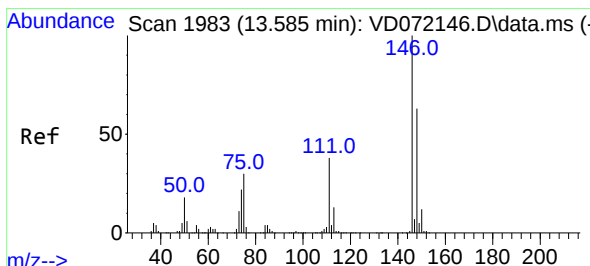
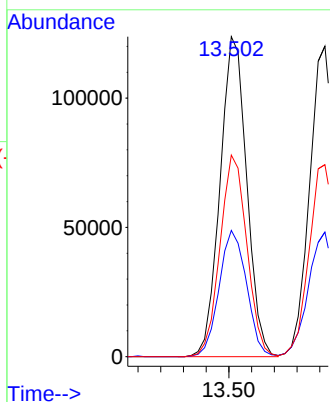
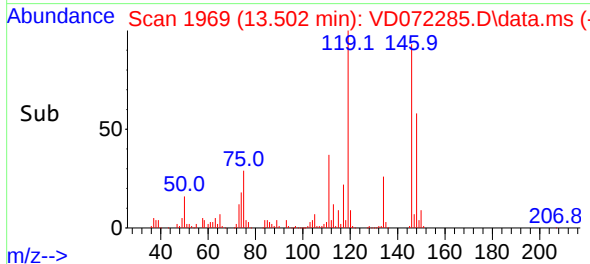
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBSD01



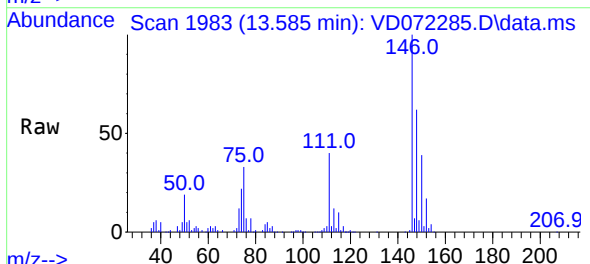
Tgt Ion:146 Resp: 20188
Ion Ratio Lower Upper
146 100
111 40.7 20.4 61.3
148 63.4 31.9 95.7

Manual Integrations
APPROVED

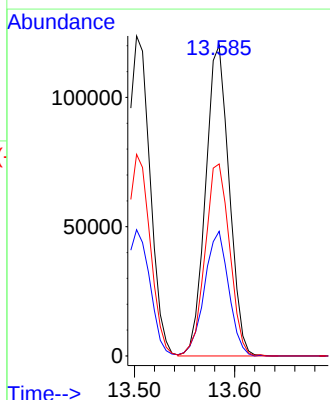
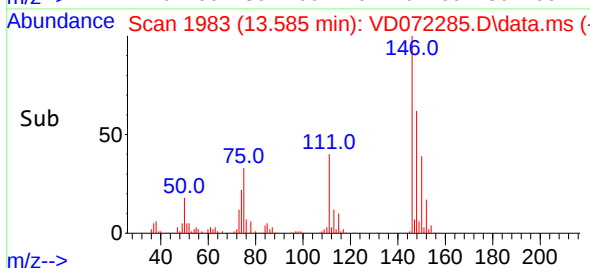
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

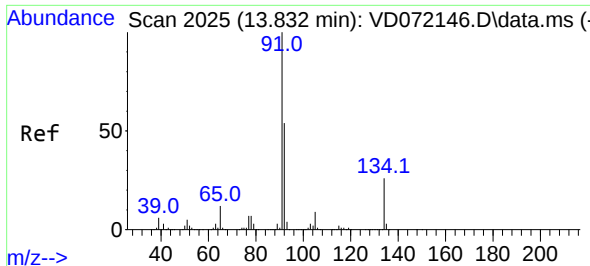


#88
1,4-Dichlorobenzene
Concen: 19.984 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56



Tgt Ion:146 Resp: 196590
Ion Ratio Lower Upper
146 100
111 41.3 20.3 60.9
148 64.3 31.7 95.1





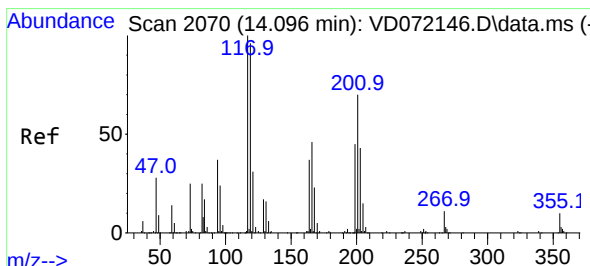
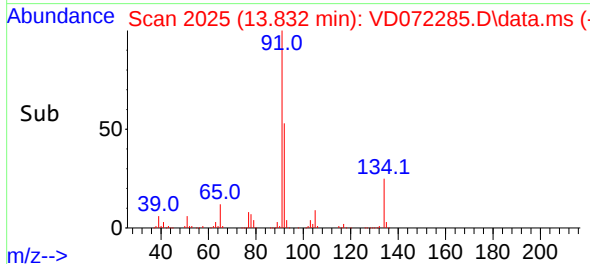
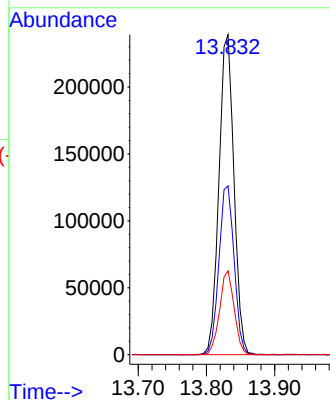
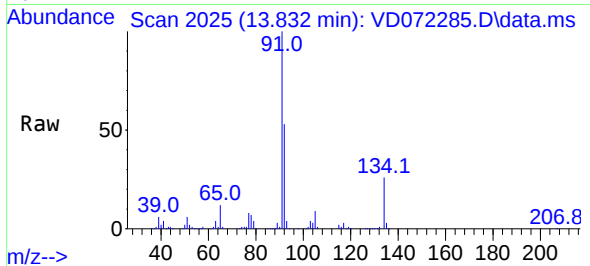
#89
n-Butylbenzene
Concen: 19.640 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

Instrument :
MSVOA_D
ClientSampleId :
VD0318SBSD01

Tgt Ion: 91 Resp: 36643
Ion Ratio Lower Upper
91 100
92 53.4 26.6 79.8
134 25.5 12.3 36.9

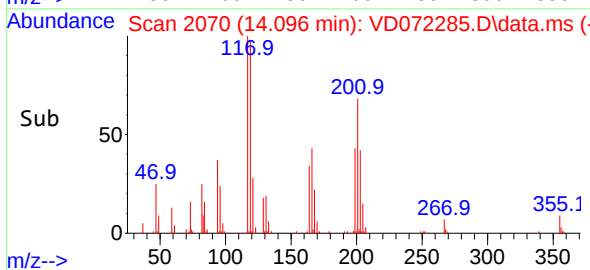
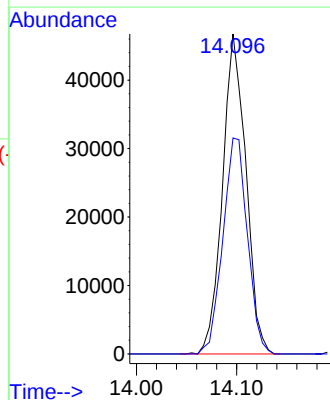
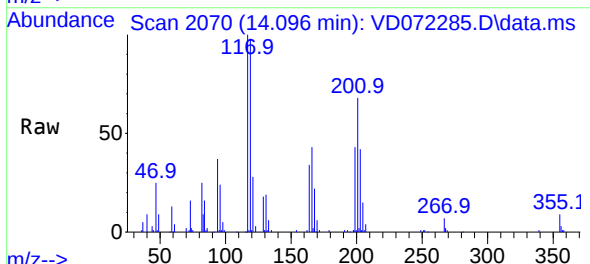
Manual Integrations
APPROVED

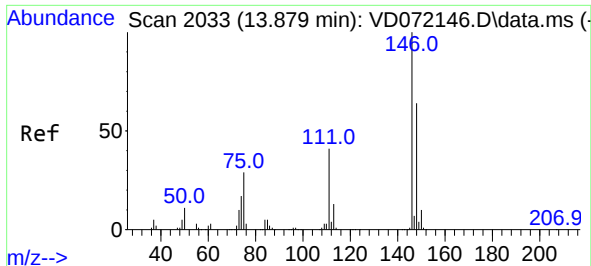
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#90
Hexachloroethane
Concen: 19.707 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

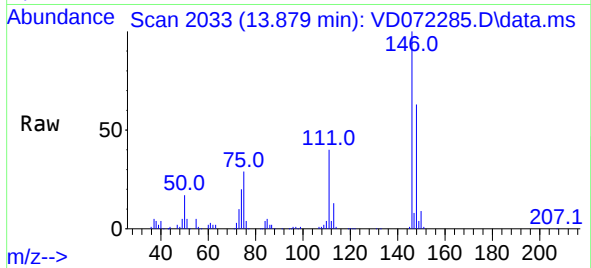
Tgt Ion:117 Resp: 75606
Ion Ratio Lower Upper
117 100
201 70.8 33.4 100.2





#91
1,2-Dichlorobenzene
Concen: 19.909 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

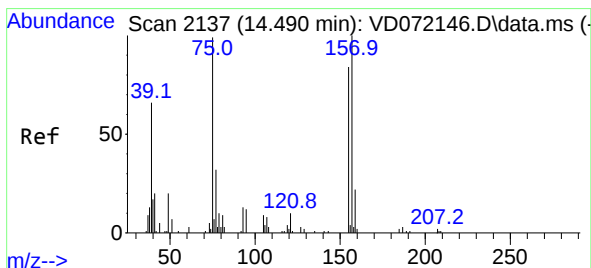
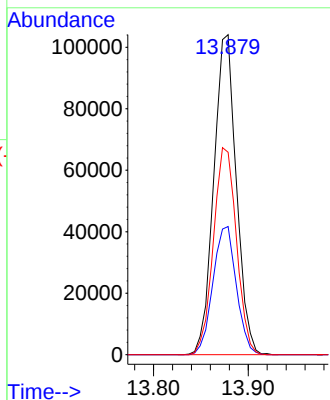
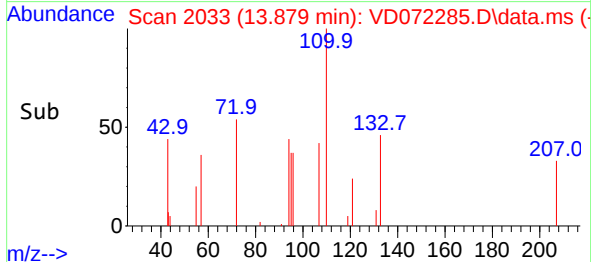
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



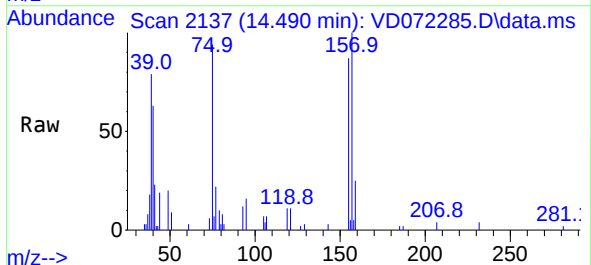
Tgt Ion:146 Resp: 172204
Ion Ratio Lower Upper
146 100
111 41.6 21.1 63.3
148 66.1 31.7 95.1

Manual Integrations
APPROVED

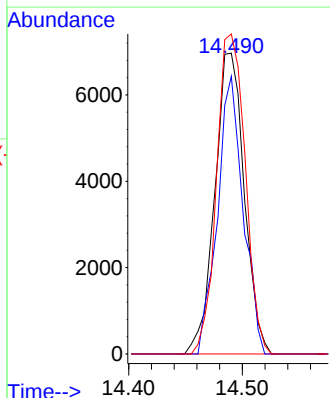
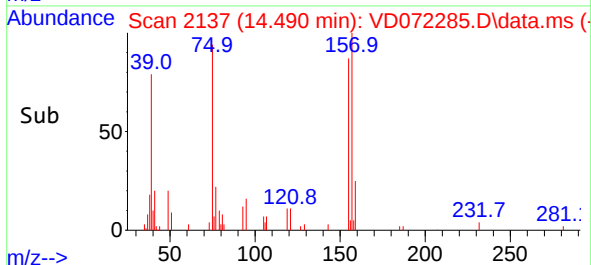
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

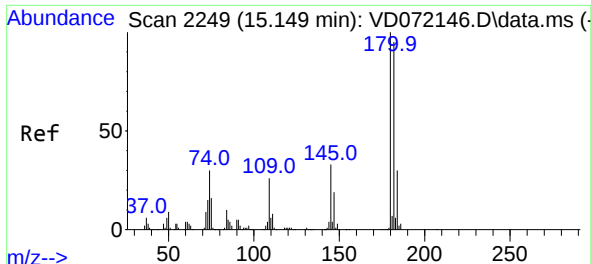


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.909 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56



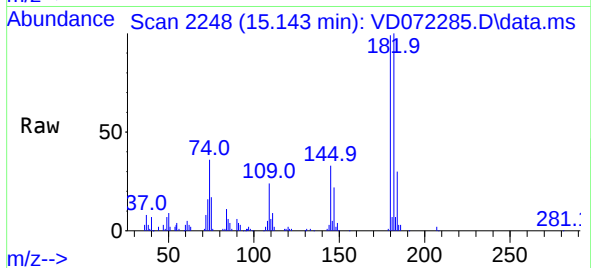
Tgt Ion: 75 Resp: 12551
Ion Ratio Lower Upper
75 100
155 80.6 36.8 110.3
157 103.3 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 18.715 ug/l
RT: 15.143 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

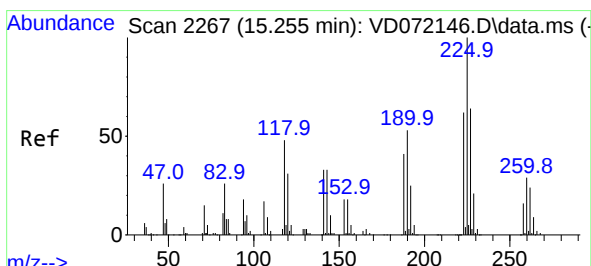
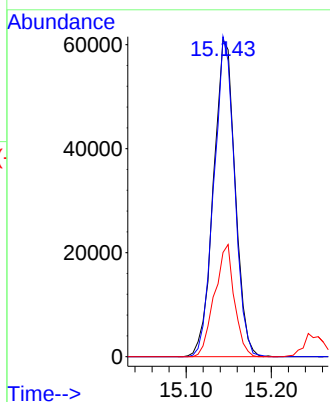
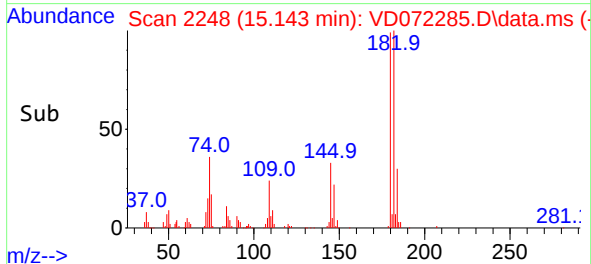
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



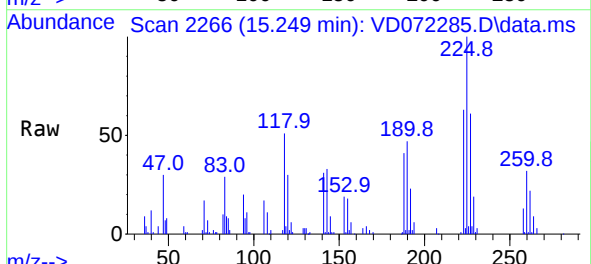
Tgt Ion:180 Resp: 107168
Ion Ratio Lower Upper
180 100
182 96.5 47.3 142.0
145 32.4 16.2 48.5

Manual Integrations
APPROVED

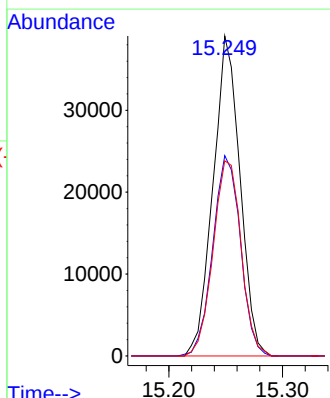
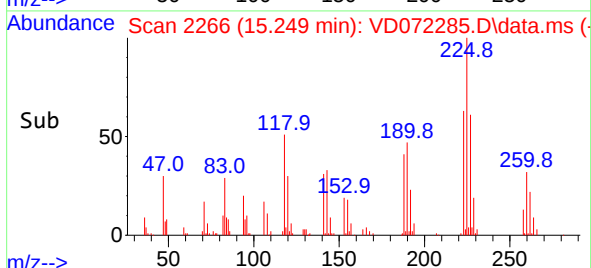
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#94
Hexachlorobutadiene
Concen: 19.295 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56



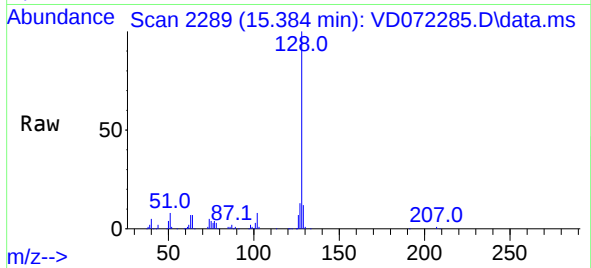
Tgt Ion:225 Resp: 64273
Ion Ratio Lower Upper
225 100
223 64.3 31.1 93.2
227 63.7 32.4 97.0





#95
Naphthalene
Concen: 19.207 ug/l
RT: 15.384 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

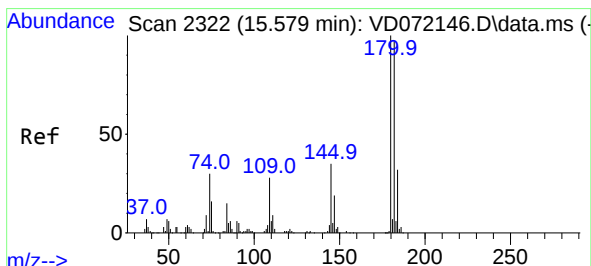
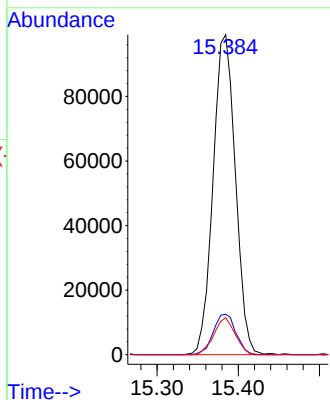
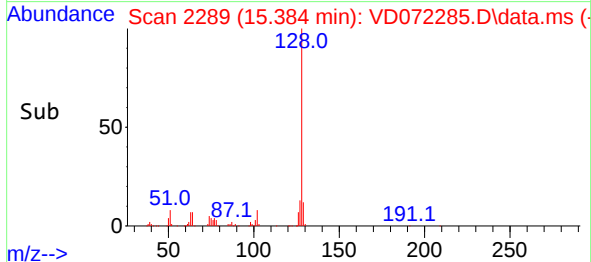
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



Tgt Ion:128 Resp: 18959
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.4 12.6

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.171 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD072285.D
Acq: 18 Mar 2022 12:56

Tgt Ion:180 Resp: 95024
Ion Ratio Lower Upper
180 100
182 97.2 47.6 142.9
145 35.1 17.1 51.3

