

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
 Data File : VD072207.D
 Acq On : 16 Mar 2022 00:47
 Operator : VA/SY
 Sample : VD0315SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBS02

Manual Integrations
 APPROVED

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

Quant Time: Mar 16 01:31:50 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	440126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	747834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	683471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	332314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	257100	52.416	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.840%			
35) Dibromofluoromethane	7.908	113	255139	48.482	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.960%			
50) Toluene-d8	10.332	98	910129	47.298	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.600%			
62) 4-Bromofluorobenzene	12.626	95	342222	45.771	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	66460	16.326	ug/l	100
3) Chloromethane	2.203	50	64624	17.865	ug/l	93
4) Vinyl Chloride	2.344	62	60457	17.314	ug/l	97
5) Bromomethane	2.750	94	42298	18.603	ug/l	94
6) Chloroethane	2.915	64	43233	18.727	ug/l	99
7) Trichlorofluoromethane	3.267	101	127745	16.200	ug/l	96
8) Diethyl Ether	3.709	74	43512	19.979	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.085	101	84355	16.777	ug/l	94
10) Methyl Iodide	4.297	142	60207	14.997	ug/l	100
11) Tert butyl alcohol	5.214	59	32899	115.681	ug/l #	88
12) 1,1-Dichloroethene	4.067	96	68684	16.980	ug/l	92
13) Acrolein	3.920	56	26706	105.236	ug/l	96
14) Allyl chloride	4.709	41	134158	18.969	ug/l	93
15) Acrylonitrile	5.420	53	122078	111.091	ug/l	98
16) Acetone	4.156	43	92503	86.860	ug/l	95
17) Carbon Disulfide	4.403	76	112252	13.042	ug/l #	94
18) Methyl Acetate	4.709	43	72708	27.860	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	227919	20.730	ug/l	95
20) Methylene Chloride	4.961	84	118103	18.337	ug/l	90
21) trans-1,2-Dichloroethene	5.467	96	77266	17.270	ug/l	95
22) Diisopropyl ether	6.356	45	344590	21.361	ug/l	97
23) Vinyl Acetate	6.303	43	828839	100.675	ug/l	97
24) 1,1-Dichloroethane	6.261	63	189137	19.880	ug/l	98
25) 2-Butanone	7.208	43	150572	106.042	ug/l	98
26) 2,2-Dichloropropane	7.208	77	142175	16.563	ug/l	100
27) cis-1,2-Dichloroethene	7.203	96	108807	19.049	ug/l	95
28) Bromochloromethane	7.544	49	79842	20.846	ug/l	86
29) Tetrahydrofuran	7.555	42	93823	112.371	ug/l	94
30) Chloroform	7.703	83	198154	19.551	ug/l	99
31) Cyclohexane	7.979	56	121206	15.817	ug/l #	87
32) 1,1,1-Trichloroethane	7.902	97	161986	17.995	ug/l	96
36) 1,1-Dichloropropene	8.108	75	116925	15.838	ug/l	98
37) Ethyl Acetate	7.291	43	64934	20.079	ug/l #	95
38) Carbon Tetrachloride	8.091	117	130994	15.609	ug/l	98
39) Methylcyclohexane	9.349	83	122402	14.734	ug/l	98
40) Benzene	8.344	78	370004	17.567	ug/l	96

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Quant Time: Mar 16 01:31:50 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	41130	21.820	ug/l	92
42) 1,2-Dichloroethane	8.420	62	120624	18.879	ug/l	96
43) Isopropyl Acetate	8.450	43	132388	21.091	ug/l #	95
44) Trichloroethene	9.108	130	98997	16.743	ug/l	98
45) 1,2-Dichloropropane	9.379	63	110870	19.194	ug/l	100
46) Dibromomethane	9.473	93	55463	19.520	ug/l	95
47) Bromodichloromethane	9.655	83	154971	18.709	ug/l #	98
48) Methyl methacrylate	9.449	41	64173	21.411	ug/l	94
49) 1,4-Dioxane	9.461	88	13693	401.871	ug/l #	91
51) 4-Methyl-2-Pentanone	10.220	43	360326	109.297	ug/l	95
52) Toluene	10.396	92	240494	17.353	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	140343	18.544	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	160170	18.308	ug/l	90
55) 1,1,2-Trichloroethane	10.796	97	86860	20.067	ug/l	97
56) Ethyl methacrylate	10.655	69	104678	20.647	ug/l #	88
57) 1,3-Dichloropropane	10.938	76	142622	19.633	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	222614	97.657	ug/l	98
59) 2-Hexanone	10.979	43	240305	105.537	ug/l	96
60) Dibromochloromethane	11.132	129	108672	19.348	ug/l	99
61) 1,2-Dibromoethane	11.238	107	75949	19.418	ug/l	98
64) Tetrachloroethene	10.873	164	79511	16.511	ug/l	97
65) Chlorobenzene	11.661	112	275874	18.207	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	114487	19.107	ug/l	98
67) Ethyl Benzene	11.738	91	470570	17.388	ug/l	99
68) m/p-Xylenes	11.843	106	361860	35.214	ug/l	98
69) o-Xylene	12.173	106	179813	18.294	ug/l	96
70) Styrene	12.185	104	318989	18.585	ug/l	98
71) Bromoform	12.349	173	64912	20.281	ug/l #	100
73) Isopropylbenzene	12.473	105	484866	18.412	ug/l	100
74) N-amyl acetate	12.279	43	124727	22.040	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	104176	22.119	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	80337m	21.916	ug/l	
77) Bromobenzene	12.749	156	117370	19.802	ug/l	94
78) n-propylbenzene	12.808	91	586490	18.335	ug/l	99
79) 2-Chlorotoluene	12.896	91	353213	19.096	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	425885	18.825	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	30064	20.349	ug/l	93
82) 4-Chlorotoluene	12.996	91	357581	18.671	ug/l	98
83) tert-Butylbenzene	13.214	119	367139	18.510	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	416308	18.676	ug/l	98
85) sec-Butylbenzene	13.390	105	542489	18.213	ug/l	99
86) p-Isopropyltoluene	13.502	119	446707	18.225	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	232633	18.727	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	230557	18.717	ug/l	99
89) n-Butylbenzene	13.832	91	404995	17.335	ug/l	99
90) Hexachloroethane	14.096	117	90603	18.860	ug/l	94
91) 1,2-Dichlorobenzene	13.879	146	212293	19.602	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	16997	22.613	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	123267	17.191	ug/l	100
94) Hexachlorobutadiene	15.249	225	71777	17.209	ug/l	98
95) Naphthalene	15.384	128	249658	20.198	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	115006	18.530	ug/l	100

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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD02

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

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

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

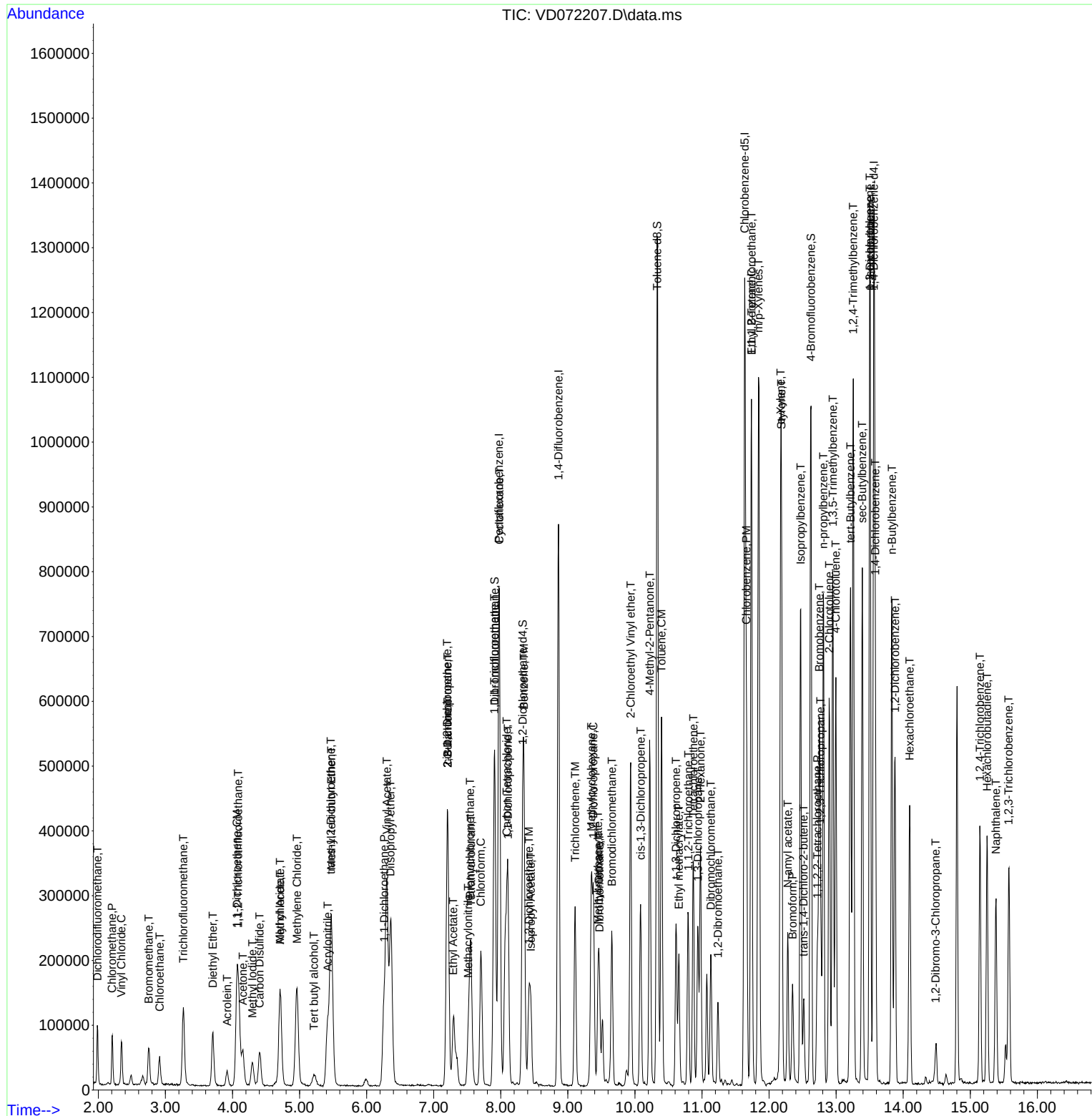
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Data File : VD072207.D
Acq On : 16 Mar 2022 00:47
Operator : VA/SY
Sample : VD0315SBSD02
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 32 Sample Multiplier: 1

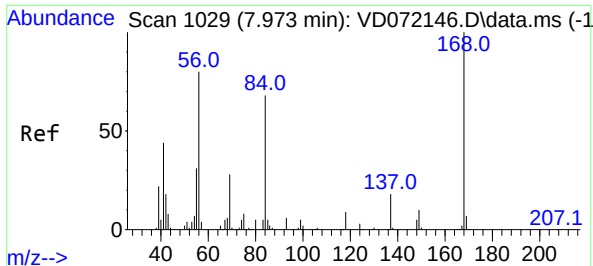
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD02

Manual Integrations
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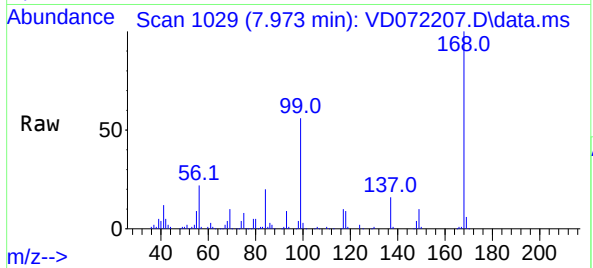
Quant Time: Mar 16 01:31:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

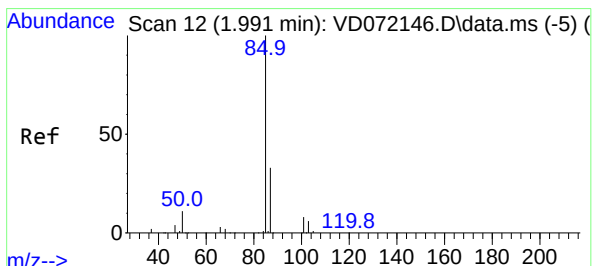
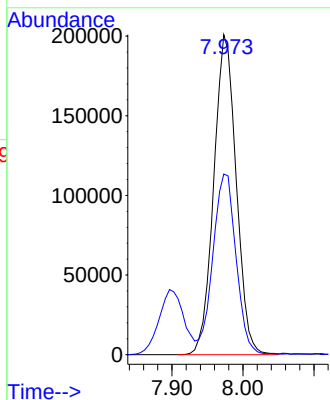
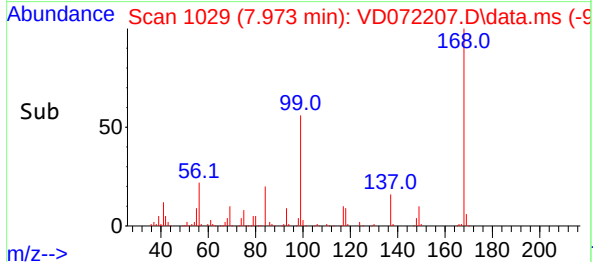
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02



Tgt Ion:168 Resp: 440120
Ion Ratio Lower Upper
168 100
99 56.2 49.8 74.6

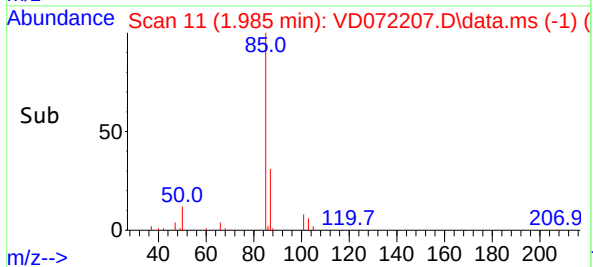
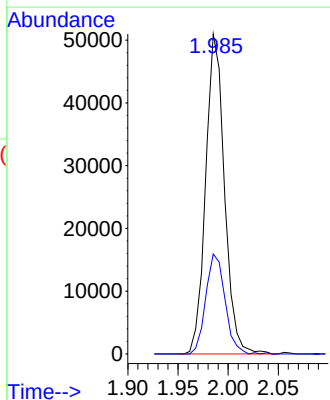
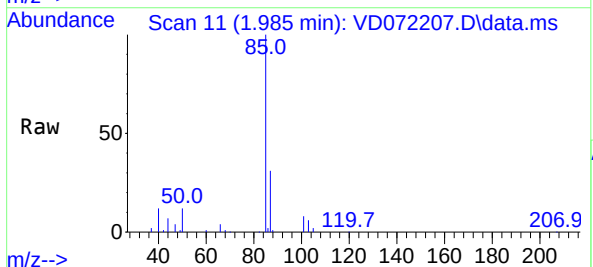
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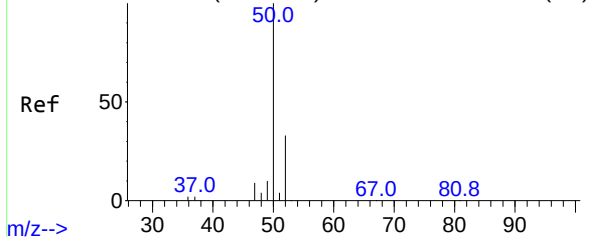


#2
Dichlorodifluoromethane
Concen: 16.326 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

Tgt Ion: 85 Resp: 66460
Ion Ratio Lower Upper
85 100
87 31.2 15.7 47.0



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



#3

Chloromethane

Concen: 17.865 ug/l

RT: 2.203 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD072207.D

Acq: 16 Mar 2022 00:47

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBSD02

Tgt Ion: 50 Resp: 64624

Ion Ratio Lower Upper

50 100

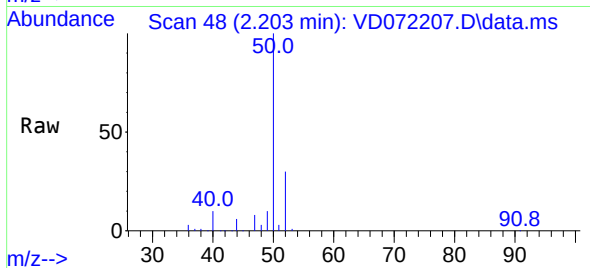
52 30.3 27.4 41.0

Manual Integrations

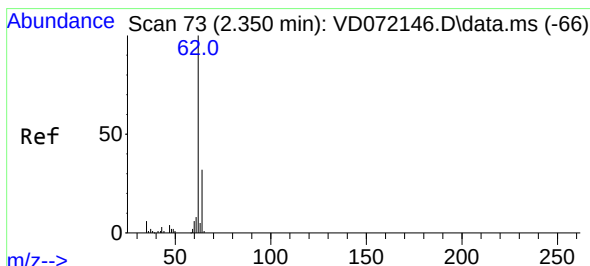
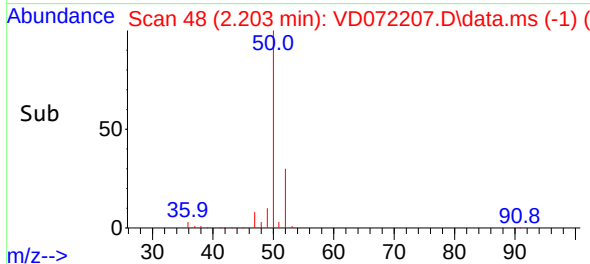
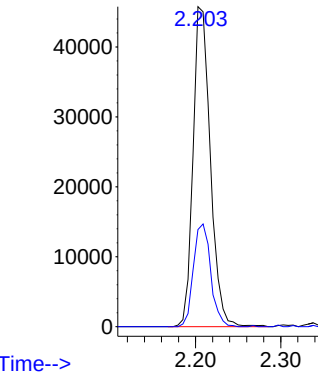
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Reviewed By :John Carlone 03/16/2022

Supervised By :Mahesh Dadoda 03/17/2022



Abundance



#4

Vinyl Chloride

Concen: 17.314 ug/l

RT: 2.344 min Scan# 72

Delta R.T. -0.006 min

Lab File: VD072207.D

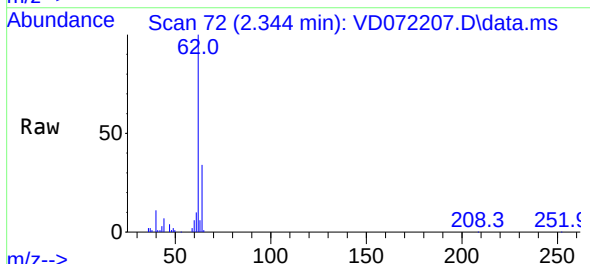
Acq: 16 Mar 2022 00:47

Tgt Ion: 62 Resp: 60457

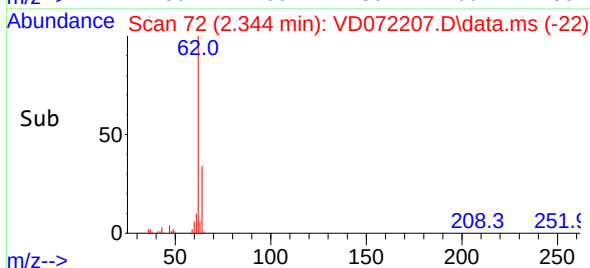
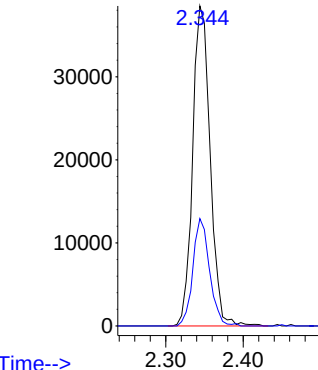
Ion Ratio Lower Upper

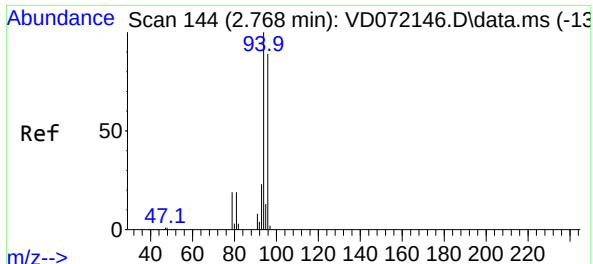
62 100

64 33.6 25.4 38.0



Abundance





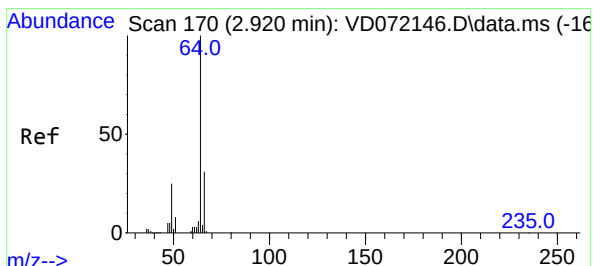
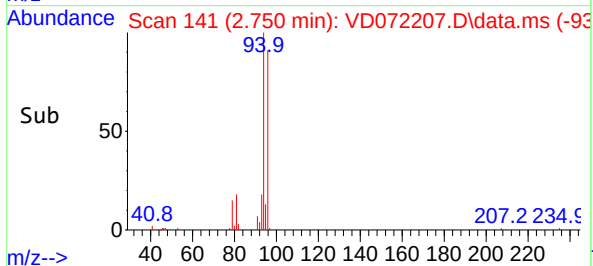
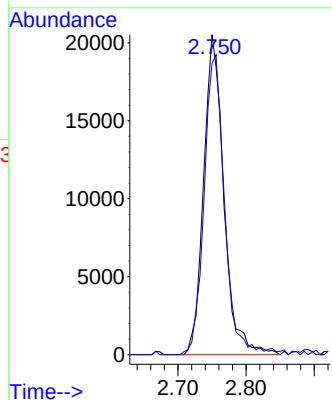
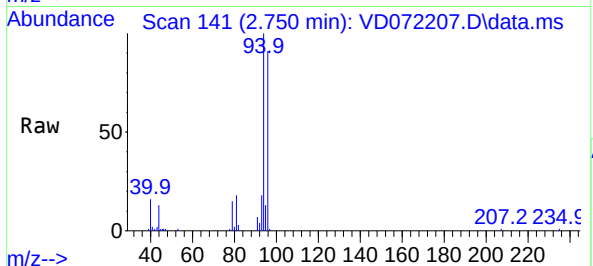
#5
Bromomethane
Concen: 18.603 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02

Tgt Ion: 94 Resp: 42298
Ion Ratio Lower Upper
94 100
96 91.0 77.6 116.4

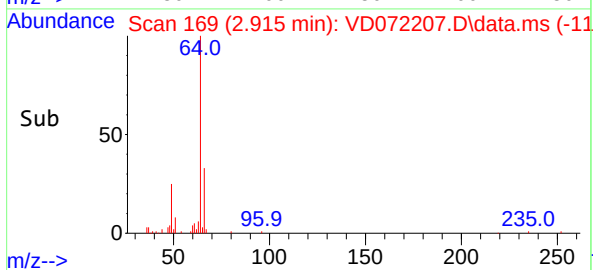
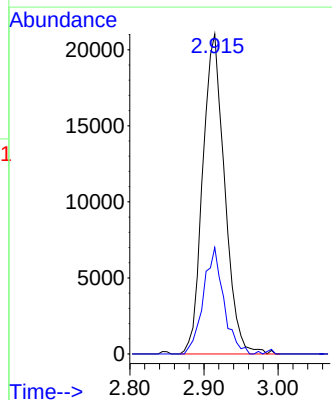
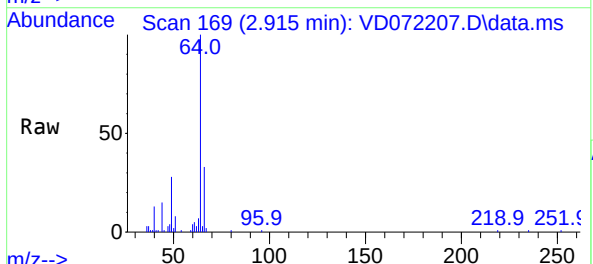
Manual Integrations
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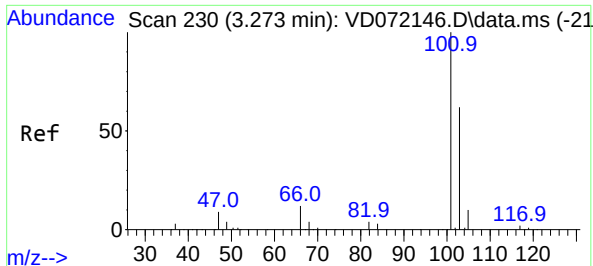
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#6
Chloroethane
Concen: 18.727 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

Tgt Ion: 64 Resp: 43233
Ion Ratio Lower Upper
64 100
66 33.2 25.9 38.9





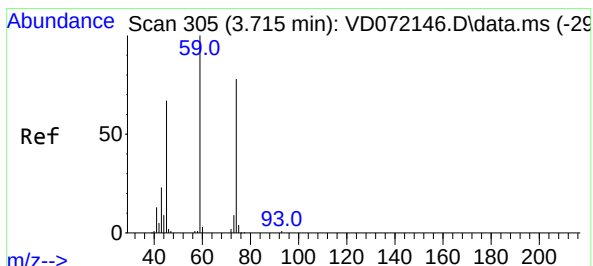
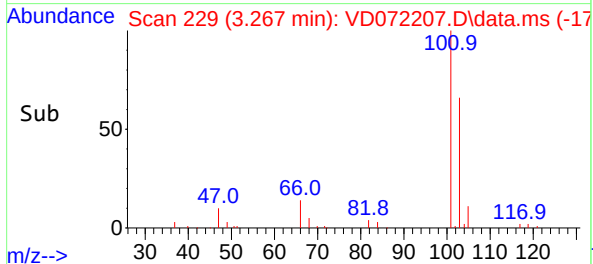
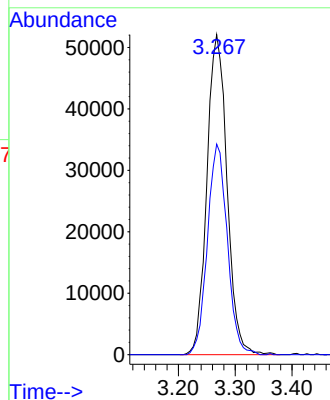
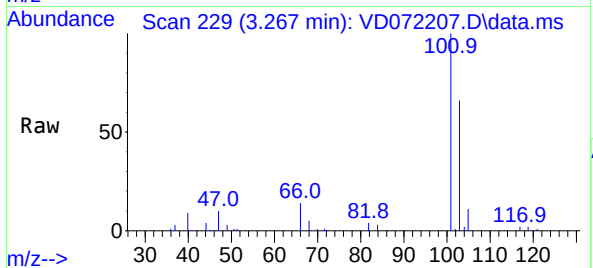
#7
Trichlorofluoromethane
Concen: 16.200 ug/l
RT: 3.267 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02

Tgt Ion:101 Resp: 12774
Ion Ratio Lower Upper
101 100
103 65.8 50.1 75.1

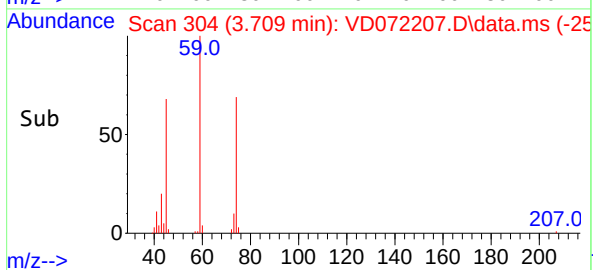
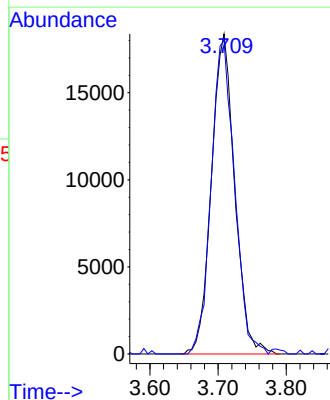
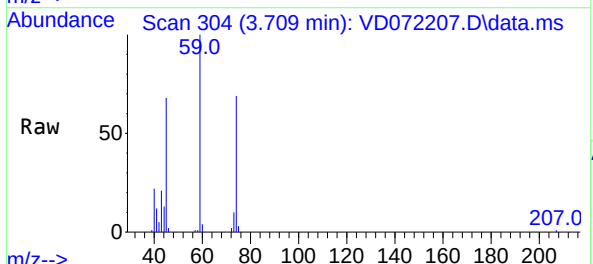
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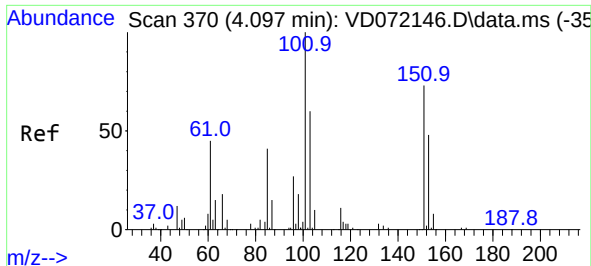
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#8
Diethyl Ether
Concen: 19.979 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

Tgt Ion: 74 Resp: 43512
Ion Ratio Lower Upper
74 100
45 99.1 52.6 157.8





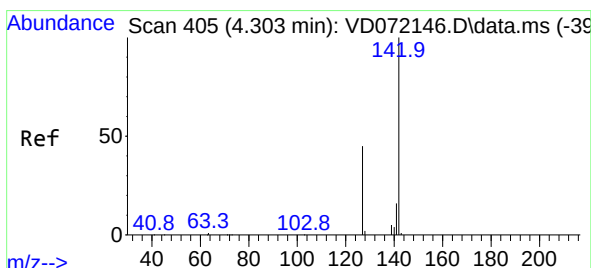
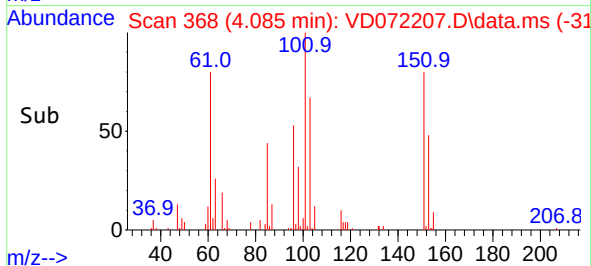
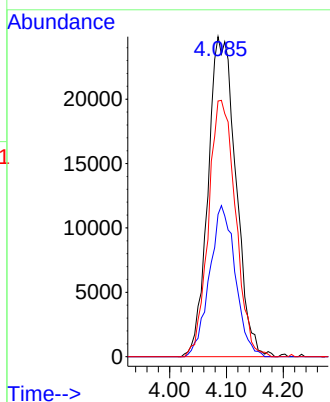
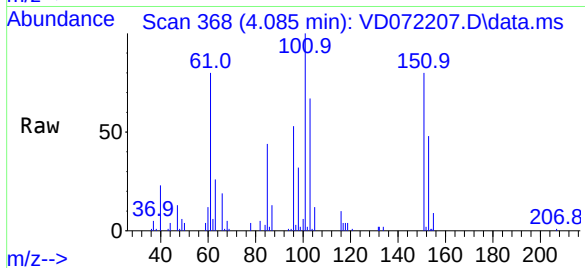
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.777 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.012 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02

Tgt Ion:101 Resp: 8435
Ion Ratio Lower Upper
101 100
85 43.8 36.4 54.6
151 78.0 57.3 85.9

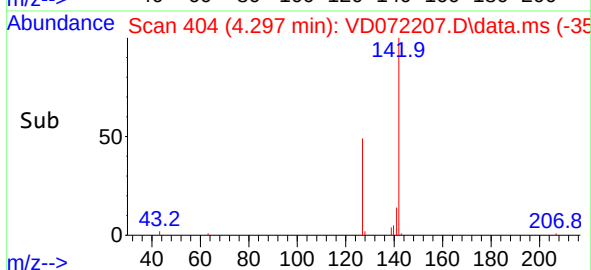
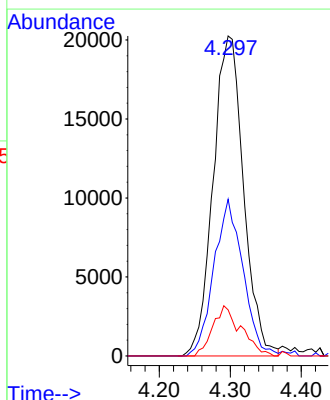
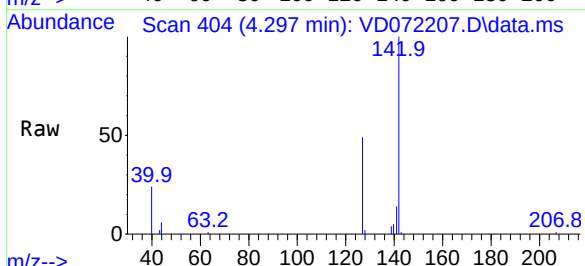
Manual Integrations
APPROVED

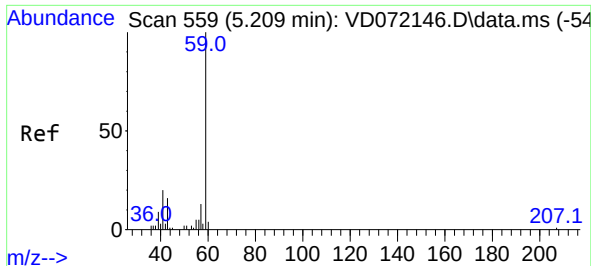
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#10
Methyl Iodide
Concen: 14.997 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

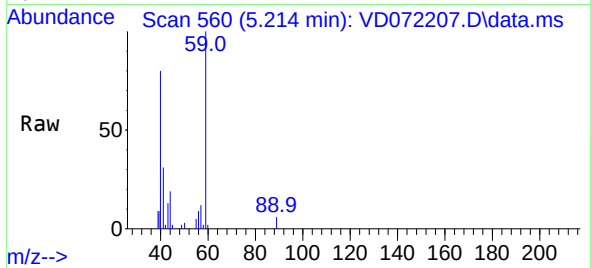
Tgt Ion:142 Resp: 60207
Ion Ratio Lower Upper
142 100
127 46.8 37.3 55.9
141 14.6 11.7 17.5





#11
Tert butyl alcohol
Concen: 115.681 ug/l
RT: 5.214 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

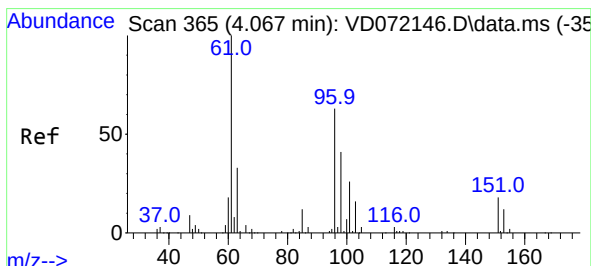
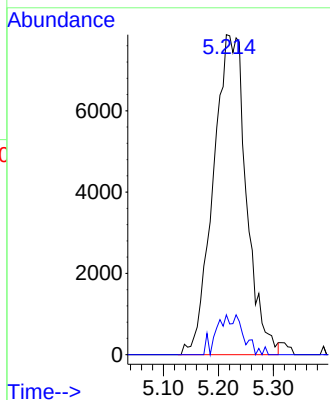
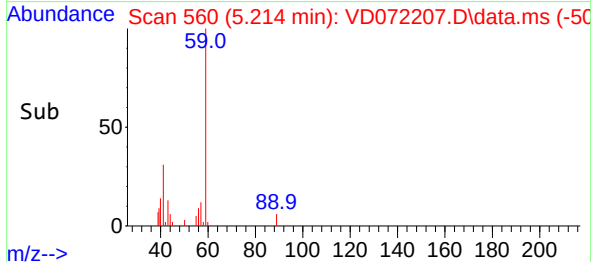
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02



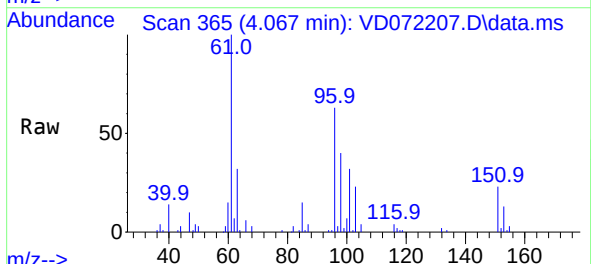
Tgt Ion: 59 Resp: 3289
Ion Ratio Lower Upper
59 100
57 5.3 7.8 11.6

Manual Integrations
APPROVED

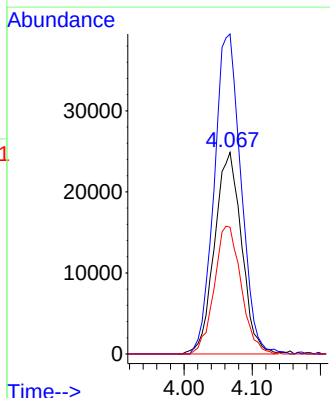
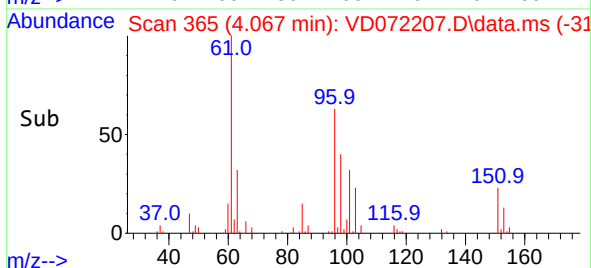
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

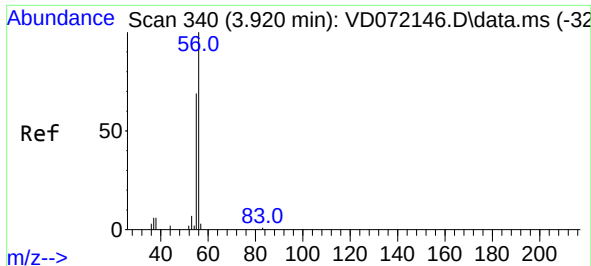


#12
1,1-Dichloroethene
Concen: 16.980 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47



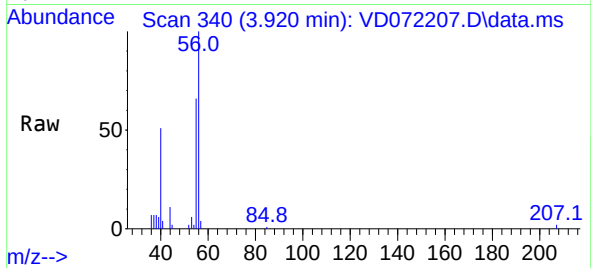
Tgt Ion: 96 Resp: 68684
Ion Ratio Lower Upper
96 100
61 158.7 138.5 207.7
98 62.9 48.6 73.0





#13
Acrolein
Concen: 105.236 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

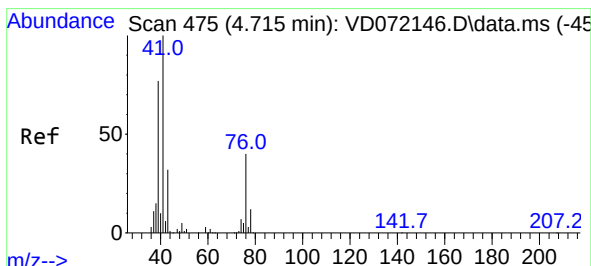
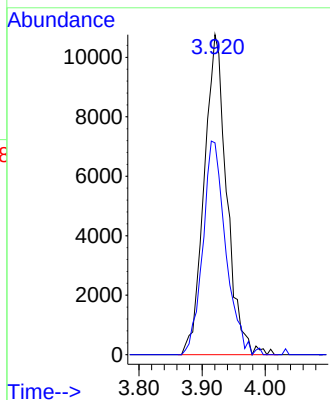
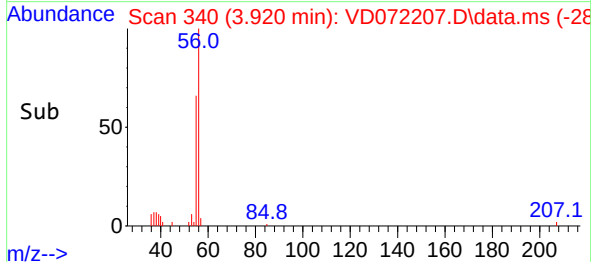
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD02



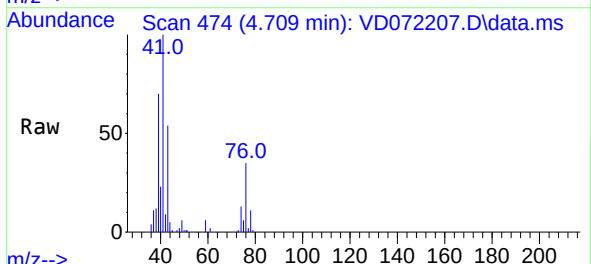
Tgt Ion: 56 Resp: 26700
Ion Ratio Lower Upper
56 100
55 67.9 57.1 85.7

Manual Integrations
APPROVED

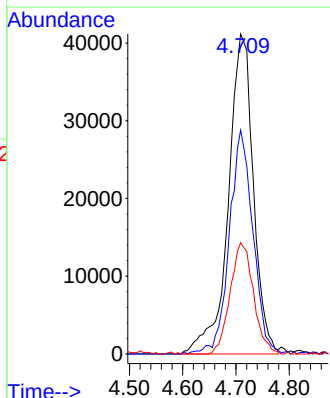
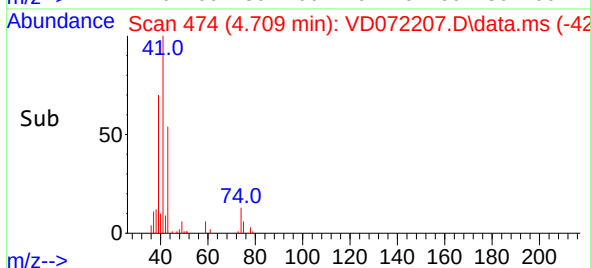
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

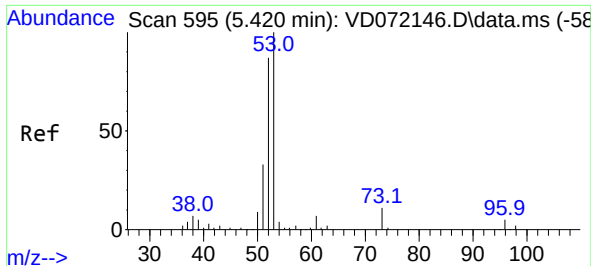


#14
Allyl chloride
Concen: 18.969 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47



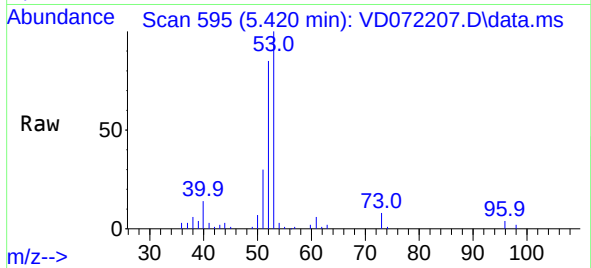
Tgt Ion: 41 Resp: 134158
Ion Ratio Lower Upper
41 100
39 66.1 59.3 88.9
76 32.5 25.7 38.5





#15
Acrylonitrile
Concen: 111.091 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

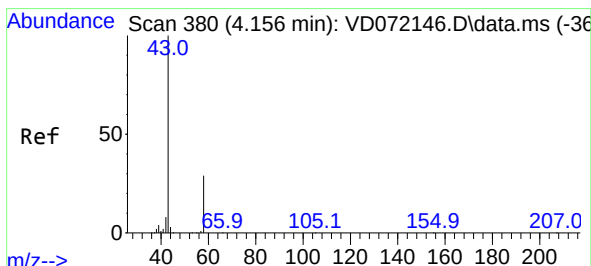
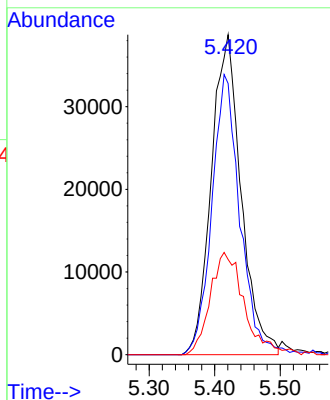
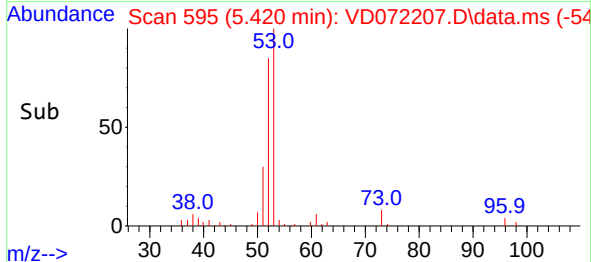
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD02



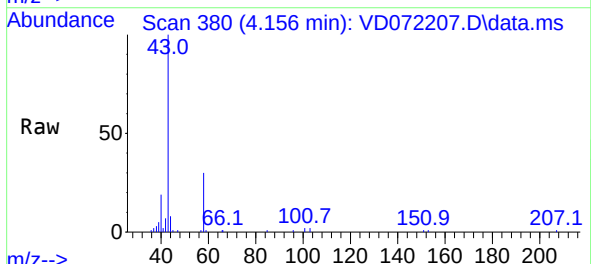
Tgt Ion: 53 Resp: 122078
Ion Ratio Lower Upper
53 100
52 82.7 67.2 100.8
51 36.6 30.3 45.5

Manual Integrations
APPROVED

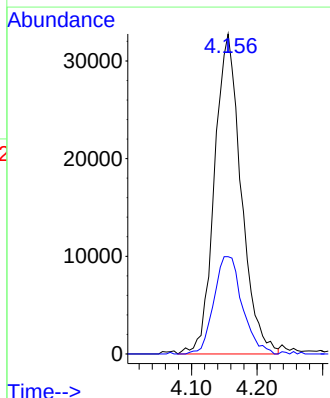
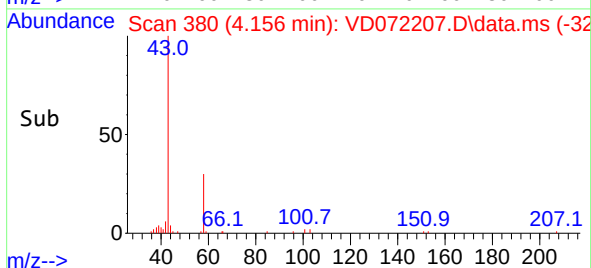
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

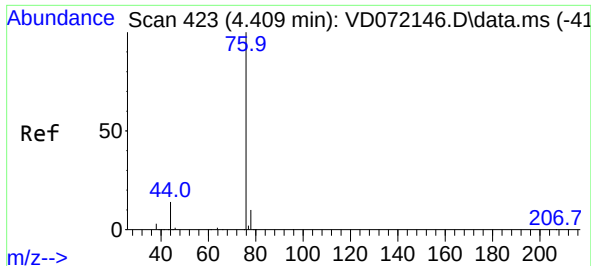


#16
Acetone
Concen: 86.860 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47



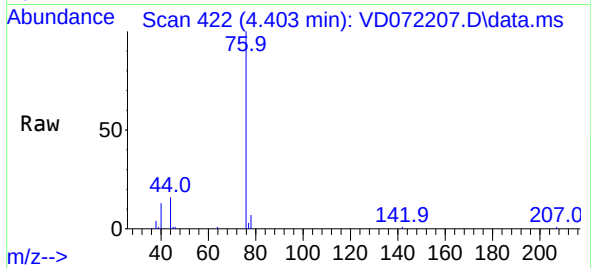
Tgt Ion: 43 Resp: 92503
Ion Ratio Lower Upper
43 100
58 30.4 22.1 33.1





#17
Carbon Disulfide
Concen: 13.042 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

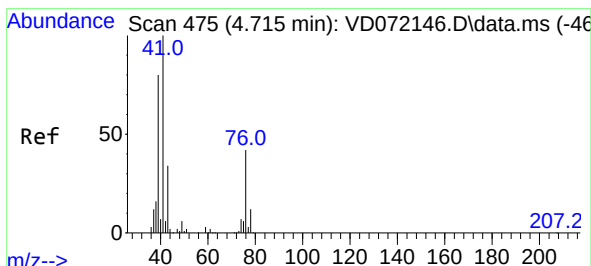
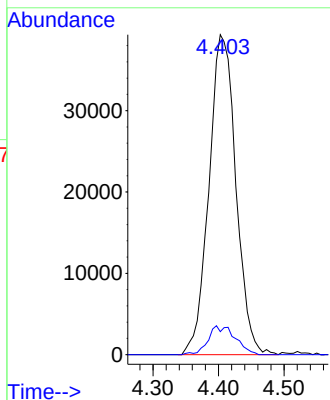
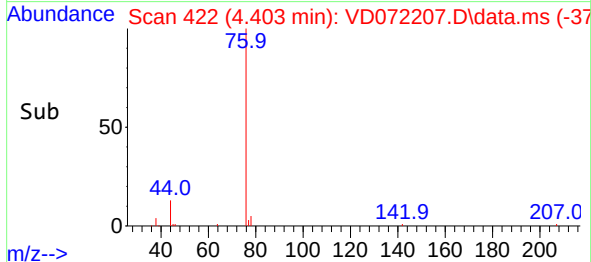
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02



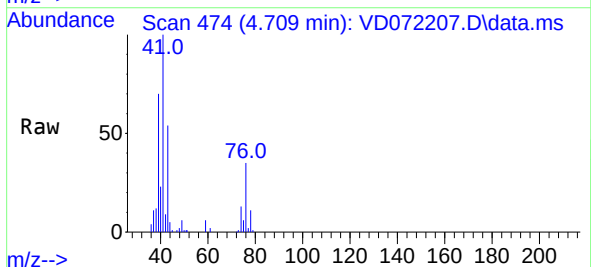
Tgt Ion: 76 Resp: 11225
Ion Ratio Lower Upper
76 100
78 7.2 7.5 11.3

Manual Integrations
APPROVED

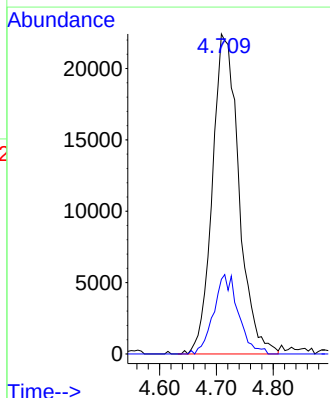
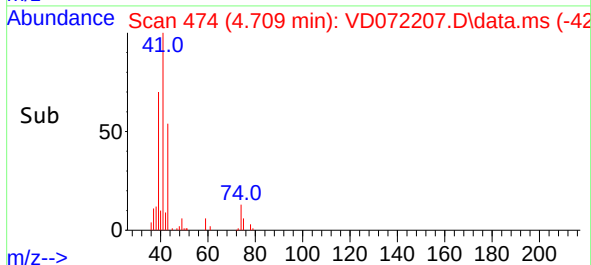
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

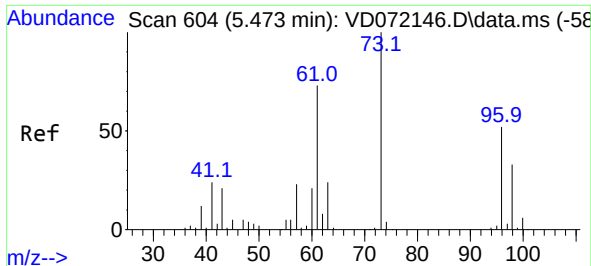


#18
Methyl Acetate
Concen: 27.860 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47



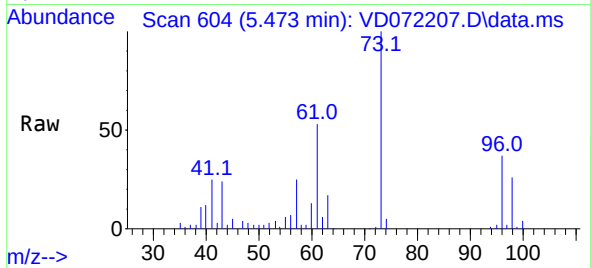
Tgt Ion: 43 Resp: 72708
Ion Ratio Lower Upper
43 100
74 23.1 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 20.730 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

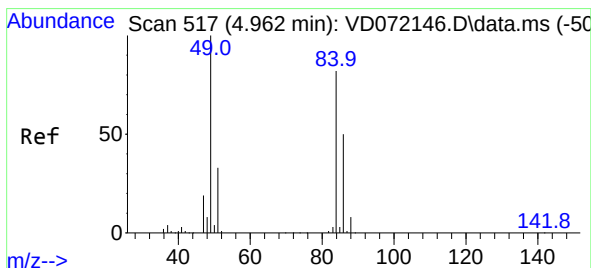
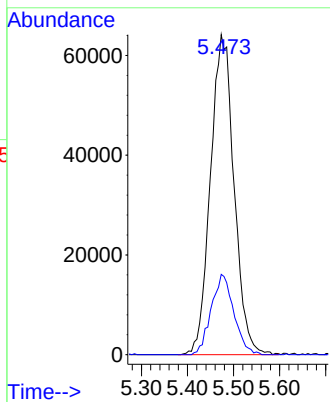
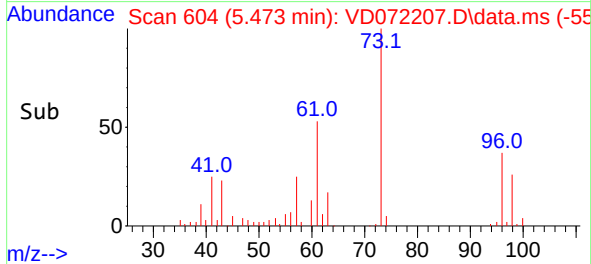
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD02



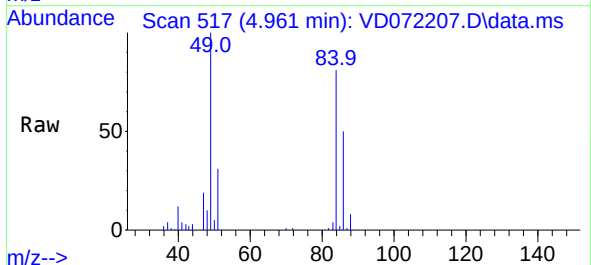
Tgt Ion: 73 Resp: 227919
Ion Ratio Lower Upper
73 100
57 25.1 18.0 27.0

Manual Integrations
APPROVED

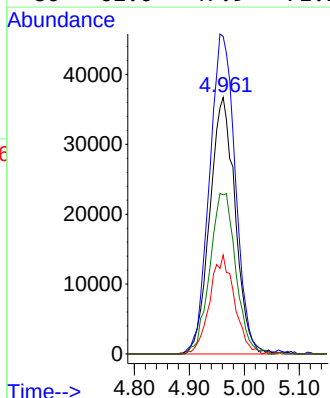
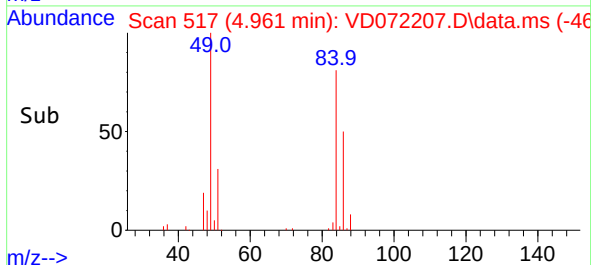
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

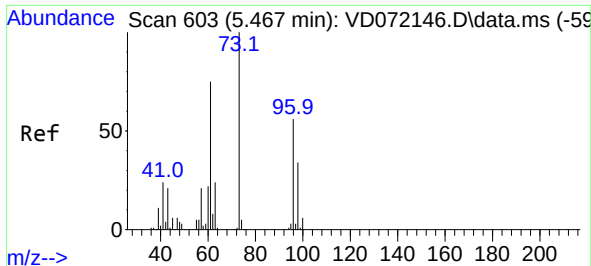


#20
Methylene Chloride
Concen: 18.337 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47



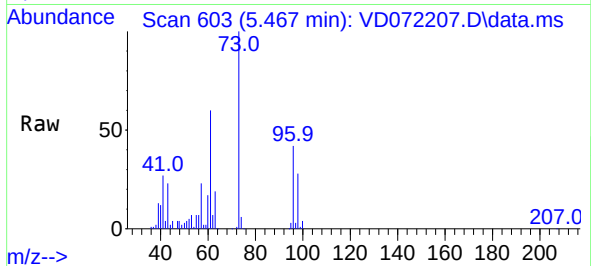
Tgt Ion: 84 Resp: 118103
Ion Ratio Lower Upper
84 100
49 123.7 112.8 169.2
51 38.5 32.6 48.8
86 62.0 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 17.270 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

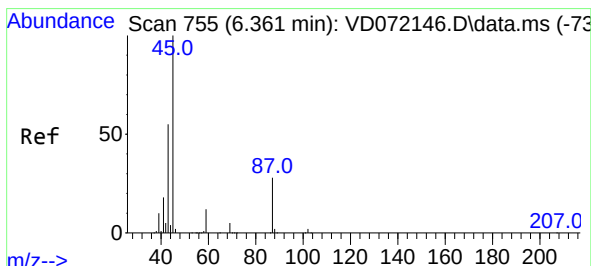
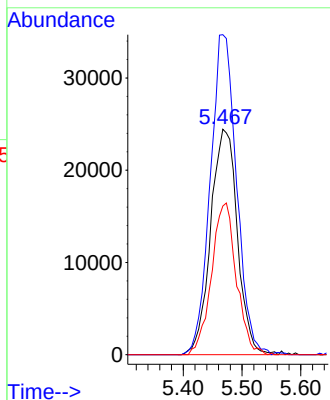
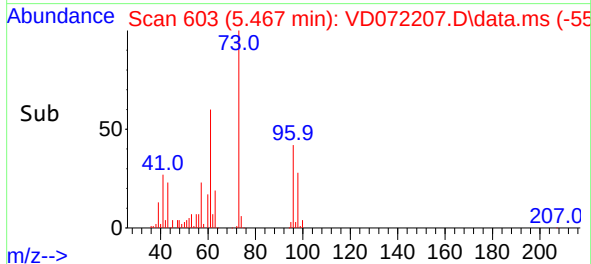
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD02



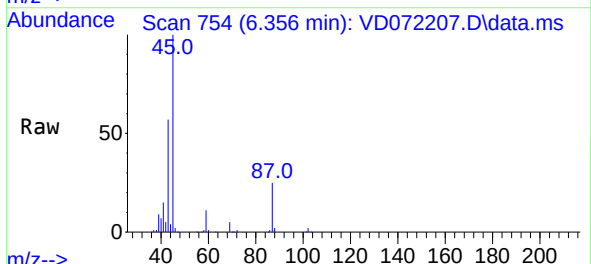
Tgt Ion: 96 Resp: 77260
Ion Ratio Lower Upper
96 100
61 141.9 117.9 176.9
98 65.9 49.4 74.2

Manual Integrations
APPROVED

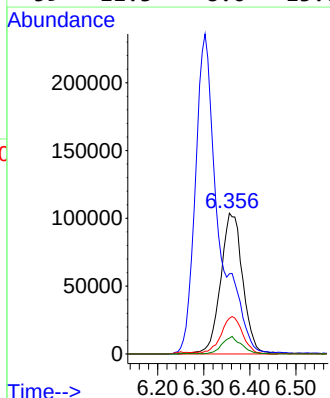
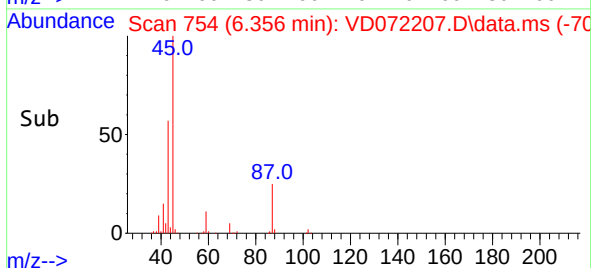
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

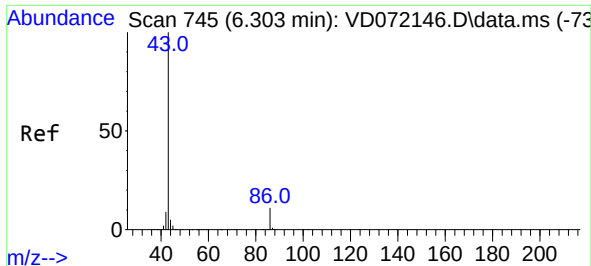


#22
Diisopropyl ether
Concen: 21.361 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47



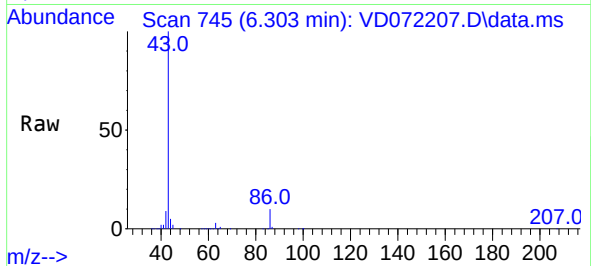
Tgt Ion: 45 Resp: 344590
Ion Ratio Lower Upper
45 100
43 55.7 46.6 70.0
87 25.3 18.4 27.6
59 11.3 8.6 13.0





#23
 Vinyl Acetate
 Concen: 100.675 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072207.D
 Acq: 16 Mar 2022 00:47

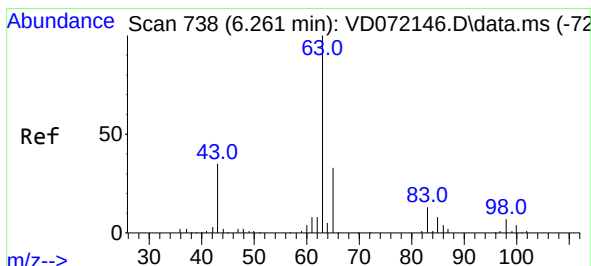
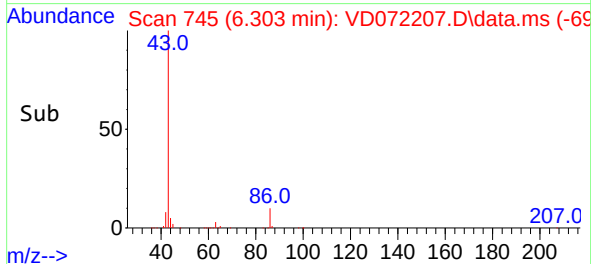
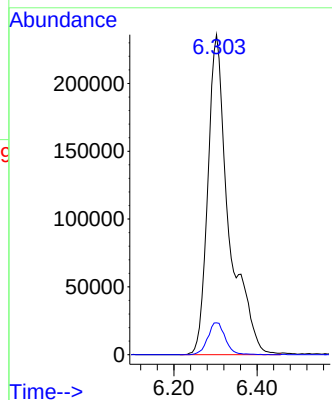
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBS02



Tgt Ion: 43 Resp: 828839
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.1 10.7

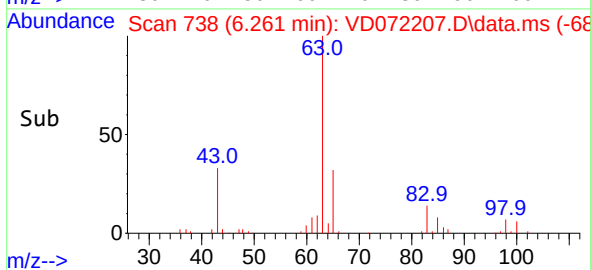
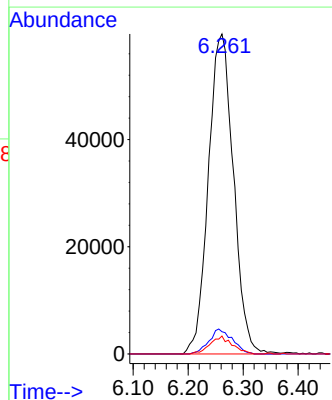
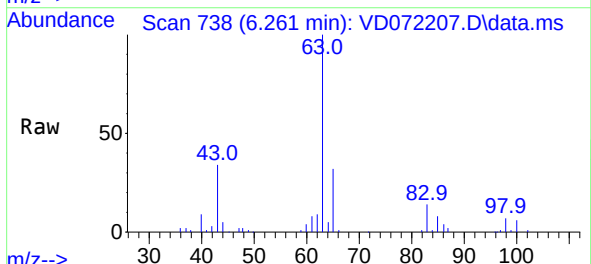
Manual Integrations
 APPROVED

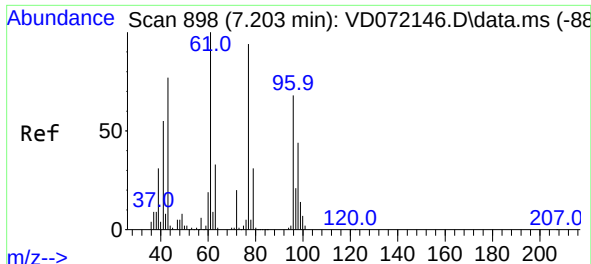
Reviewed By :John Carlone 03/16/2022
 Supervised By :Mahesh Dadoda 03/17/2022



#24
 1,1-Dichloroethane
 Concen: 19.880 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD072207.D
 Acq: 16 Mar 2022 00:47

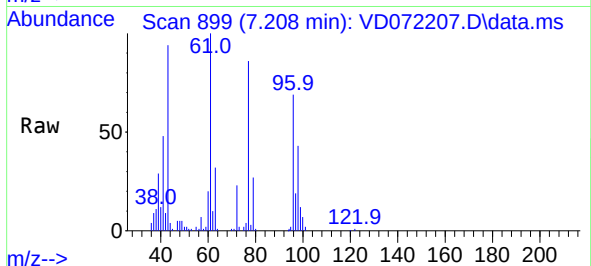
Tgt Ion: 63 Resp: 189137
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.9
 100 5.6 2.1 6.5





#25
2-Butanone
Concen: 106.042 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

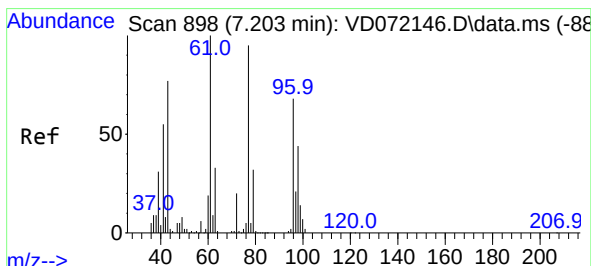
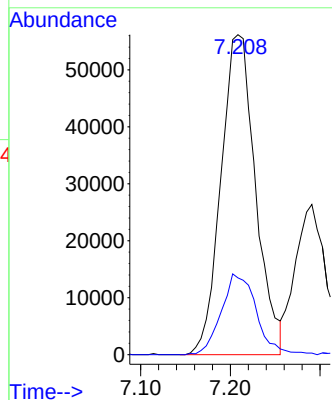
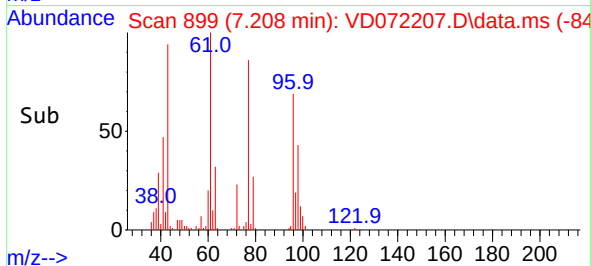
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02



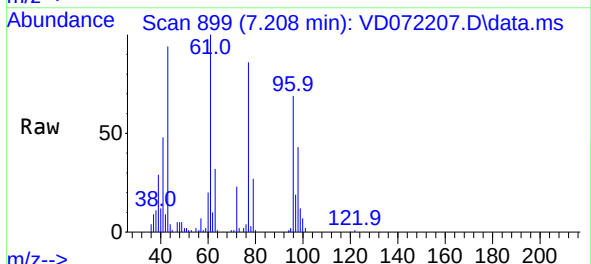
Tgt Ion: 43 Resp: 150572
Ion Ratio Lower Upper
43 100
72 24.0 18.6 27.8

Manual Integrations
APPROVED

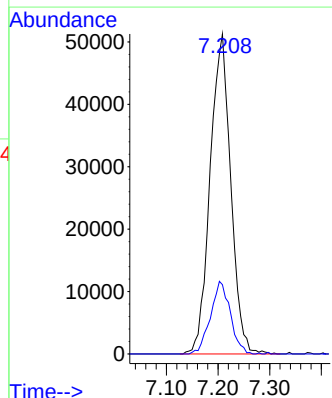
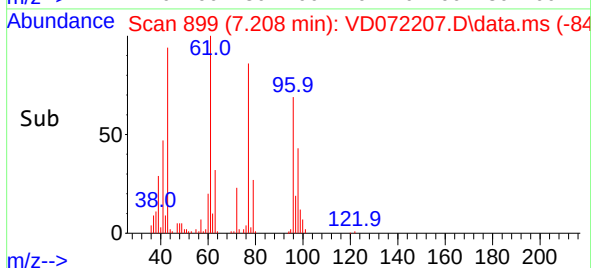
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

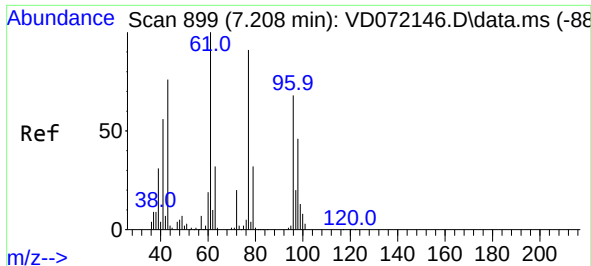


#26
2,2-Dichloropropane
Concen: 16.563 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47



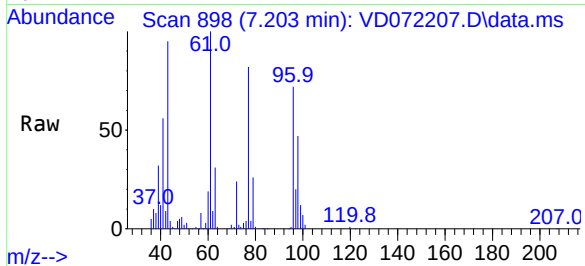
Tgt Ion: 77 Resp: 142175
Ion Ratio Lower Upper
77 100
97 21.8 10.8 32.4





#27
 cis-1,2-Dichloroethene
 Concen: 19.049 ug/l
 RT: 7.203 min Scan# 899
 Delta R.T. -0.006 min
 Lab File: VD072207.D
 Acq: 16 Mar 2022 00:47

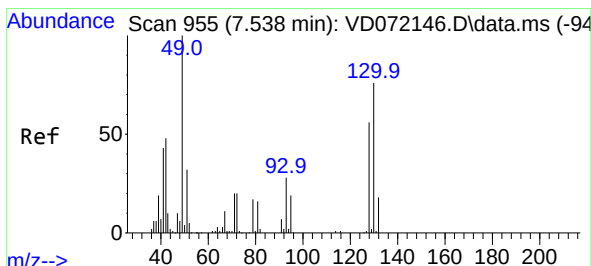
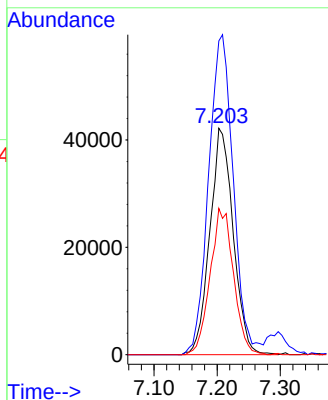
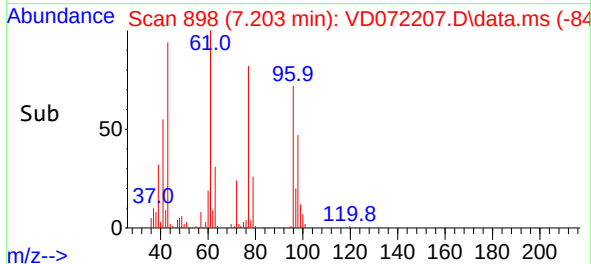
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBS02



Tgt Ion: 96 Resp: 10880
 Ion Ratio Lower Upper
 96 100
 61 148.4 0.0 313.8
 98 64.5 0.0 128.8

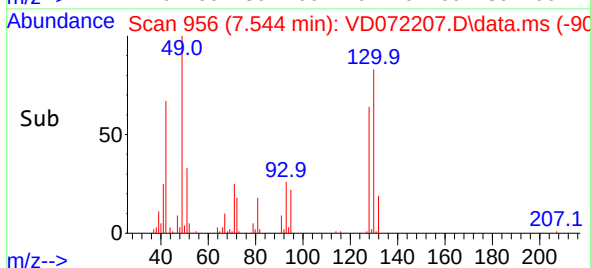
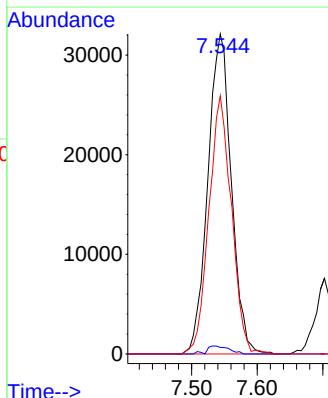
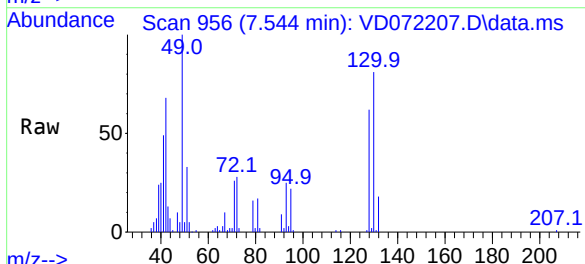
Manual Integrations
 APPROVED

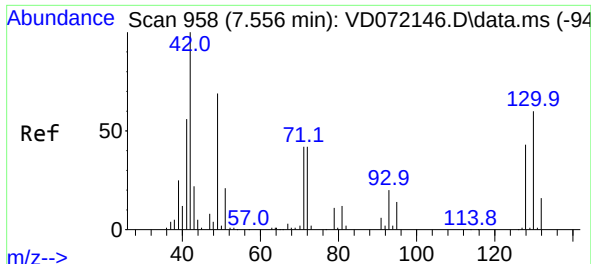
Reviewed By :John Carlone 03/16/2022
 Supervised By :Mahesh Dadoda 03/17/2022



#28
 Bromochloromethane
 Concen: 20.846 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. 0.006 min
 Lab File: VD072207.D
 Acq: 16 Mar 2022 00:47

Tgt Ion: 49 Resp: 79842
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.0
 130 77.6 52.6 79.0





#29

Tetrahydrofuran

Concen: 112.371 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD072207.D

Acq: 16 Mar 2022 00:47

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS02

Tgt Ion: 42 Resp: 9382

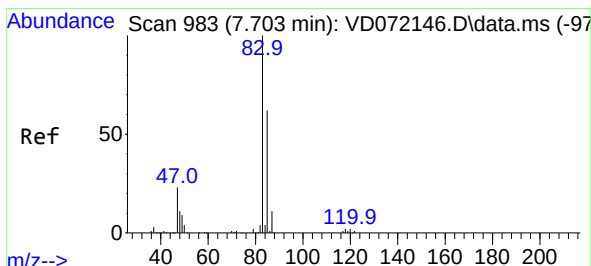
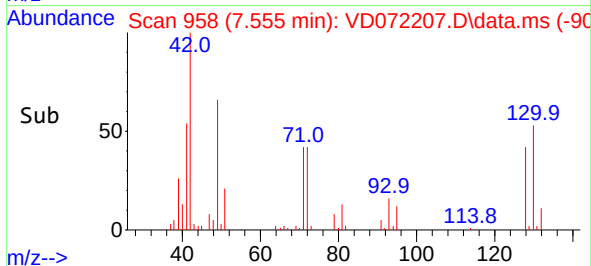
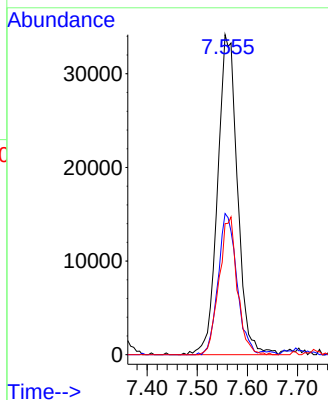
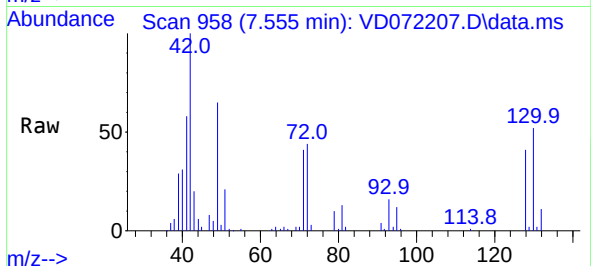
Ion	Ratio	Lower	Upper
42	100		
72	41.7	30.7	46.1
71	39.5	28.6	43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2022

Supervised By :Mahesh Dadoda 03/17/2022



#30

Chloroform

Concen: 19.551 ug/l

RT: 7.703 min Scan# 983

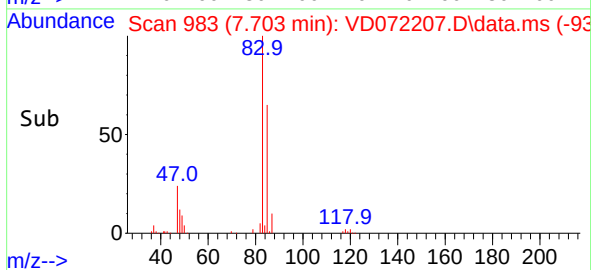
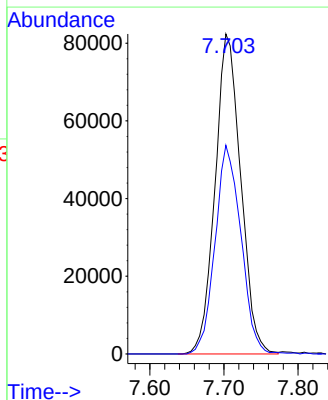
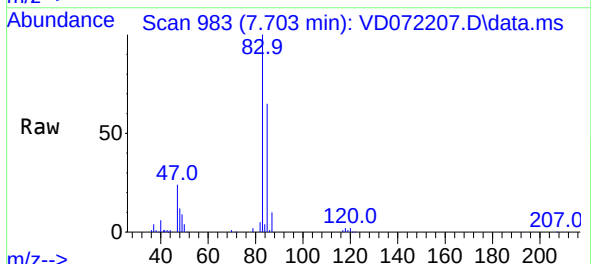
Delta R.T. -0.000 min

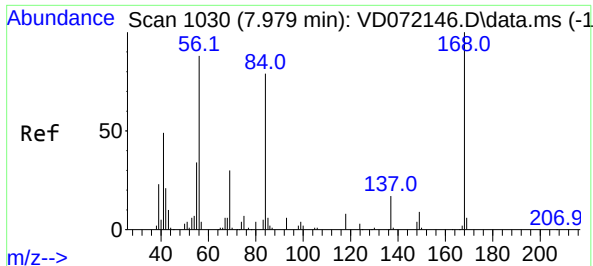
Lab File: VD072207.D

Acq: 16 Mar 2022 00:47

Tgt Ion: 83 Resp: 198154

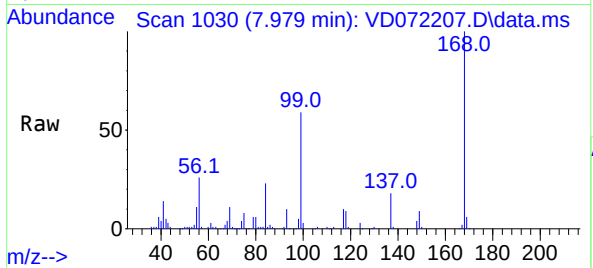
Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.7	79.1





#31
Cyclohexane
Concen: 15.817 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

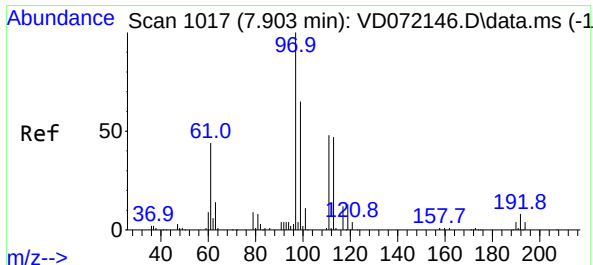
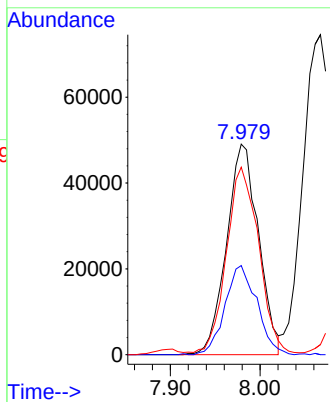
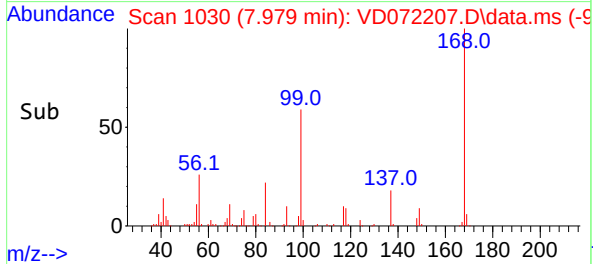
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02



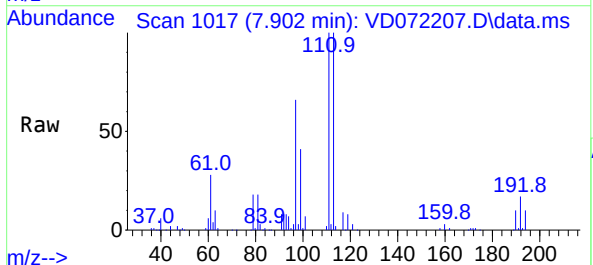
Tgt Ion: 56 Resp: 121200
Ion Ratio Lower Upper
56 100
69 42.3 25.4 38.2
84 87.6 63.0 94.4

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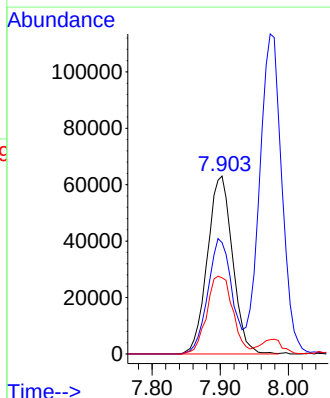
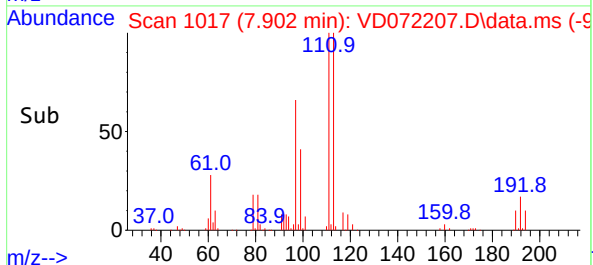
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

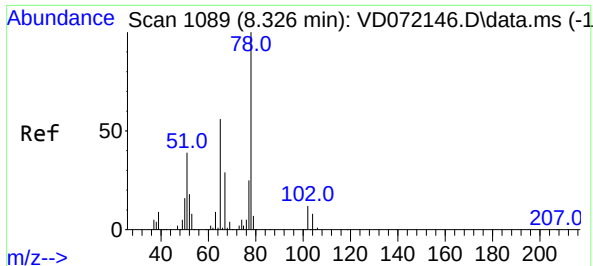


#32
1,1,1-Trichloroethane
Concen: 17.995 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47



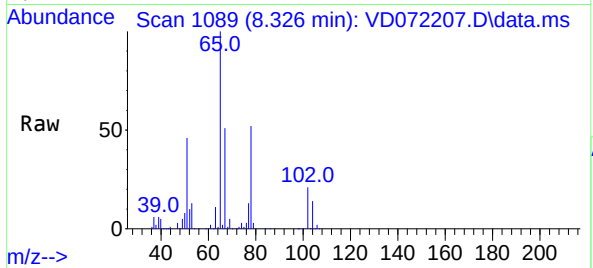
Tgt Ion: 97 Resp: 161986
Ion Ratio Lower Upper
97 100
99 61.7 52.4 78.6
61 45.1 38.0 57.0





#33
1,2-Dichloroethane-d4
Concen: 52.416 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

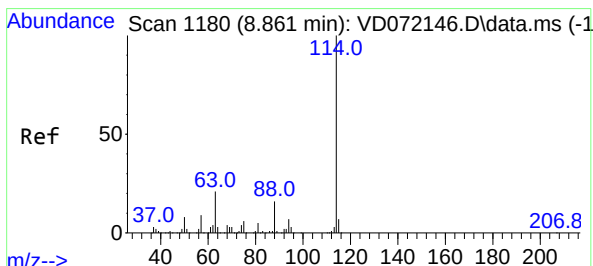
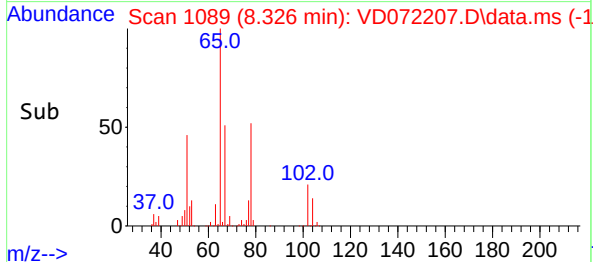
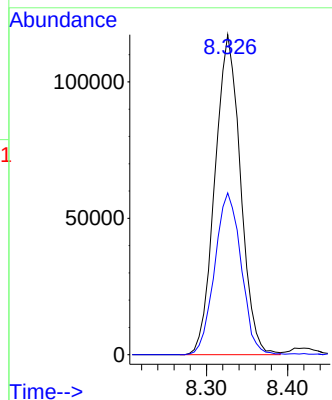
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02



Tgt Ion: 65 Resp: 257100
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.4

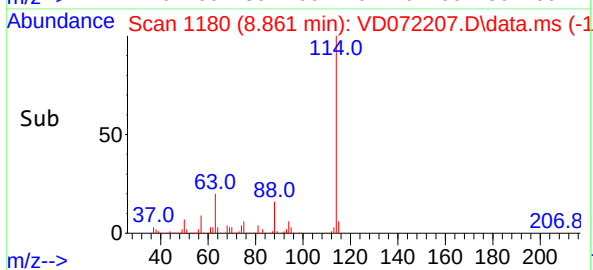
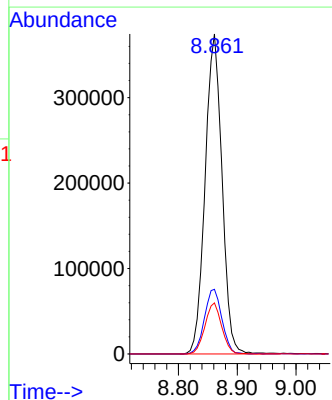
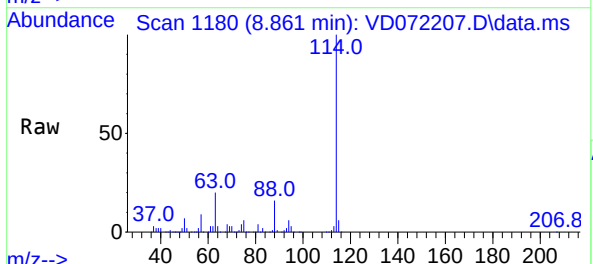
Manual Integrations
APPROVED

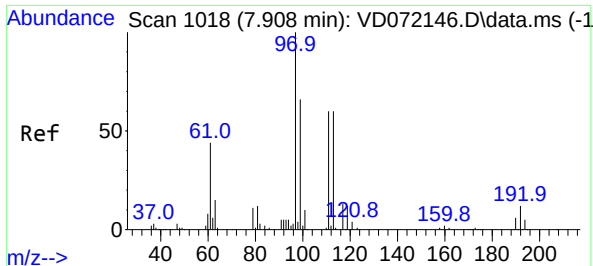
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

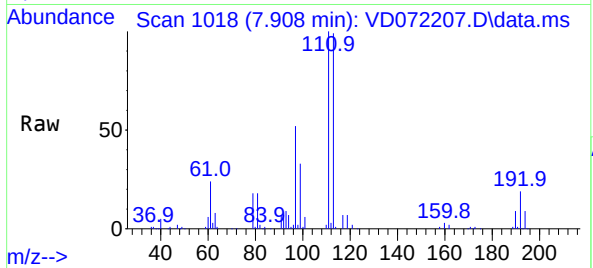
Tgt Ion:114 Resp: 747834
Ion Ratio Lower Upper
114 100
63 20.2 0.0 46.6
88 16.0 0.0 33.2





#35
Dibromofluoromethane
Concen: 48.482 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

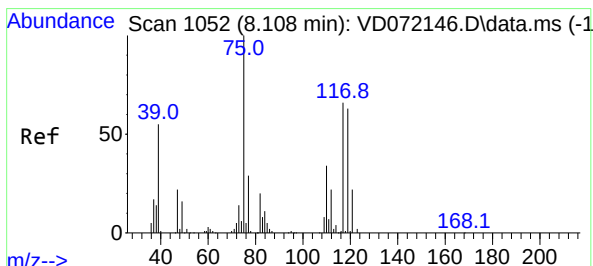
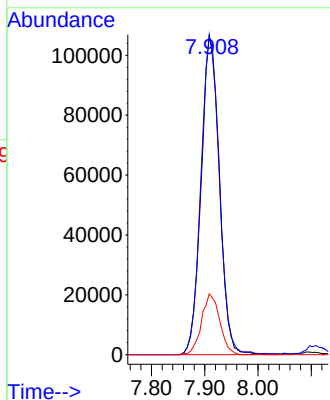
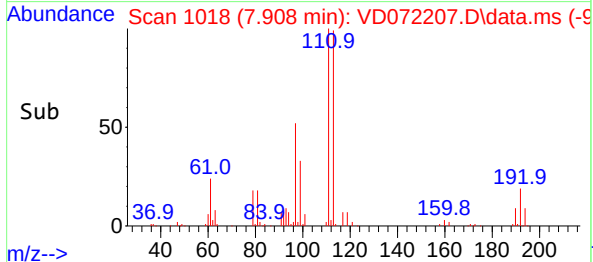
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02



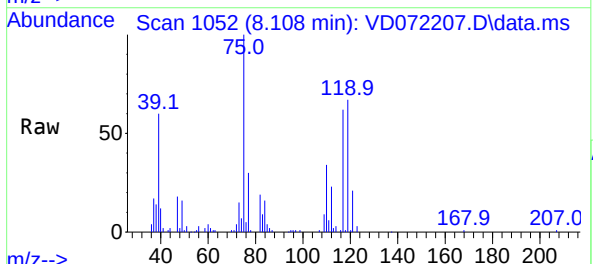
Tgt Ion: 113 Resp: 255139
Ion Ratio Lower Upper
113 100
111 99.9 83.8 125.6
192 18.9 14.6 21.8

Manual Integrations
APPROVED

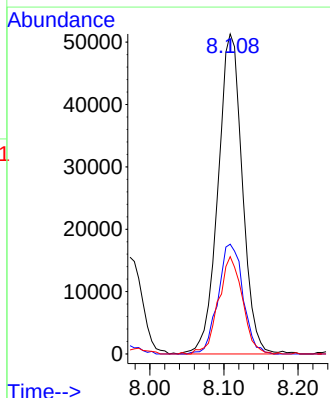
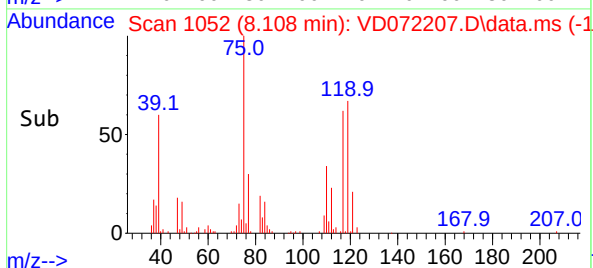
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

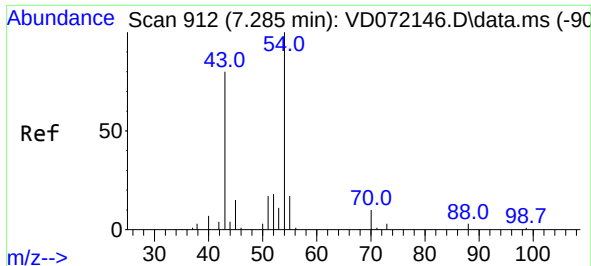


#36
1,1-Dichloropropene
Concen: 15.838 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47



Tgt Ion: 75 Resp: 116925
Ion Ratio Lower Upper
75 100
110 35.2 16.4 49.1
77 30.1 24.2 36.2





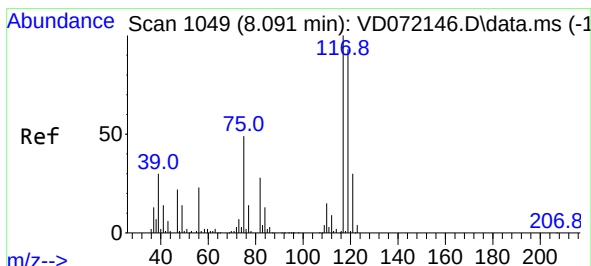
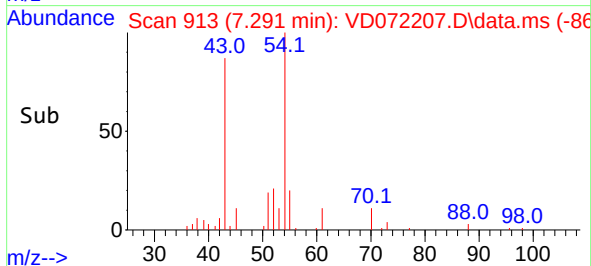
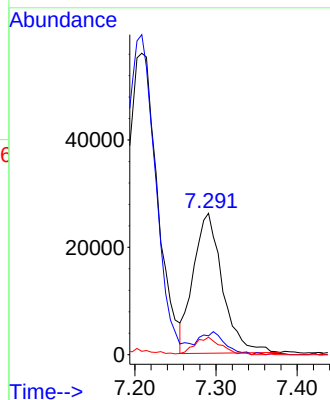
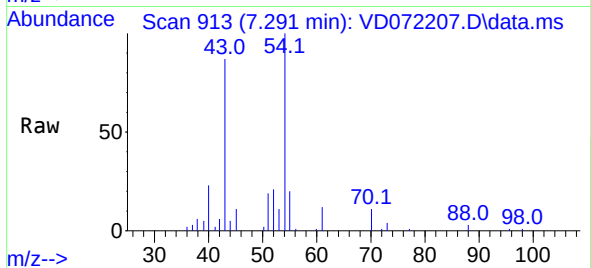
#37
Ethyl Acetate
Concen: 20.079 ug/l
RT: 7.291 min Scan# 912
Delta R.T. 0.006 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02

Tgt Ion: 43 Resp: 64934
Ion Ratio Lower Upper
43 100
61 13.6 9.8 14.8
70 11.5 6.9 10.3

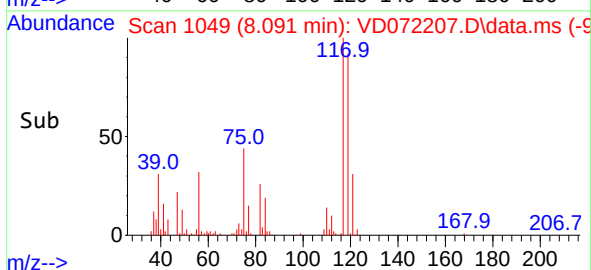
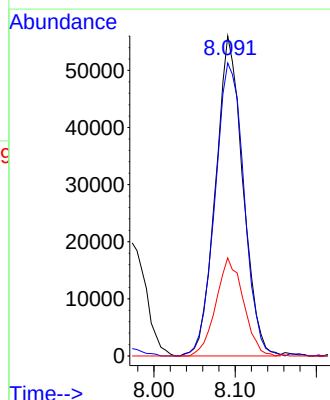
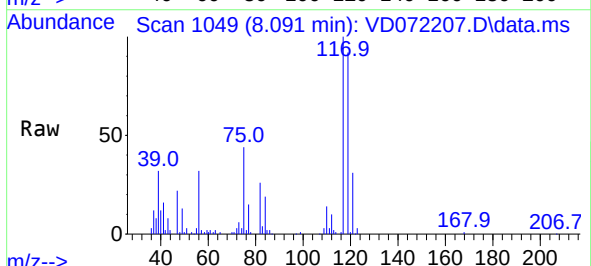
Manual Integrations
APPROVED

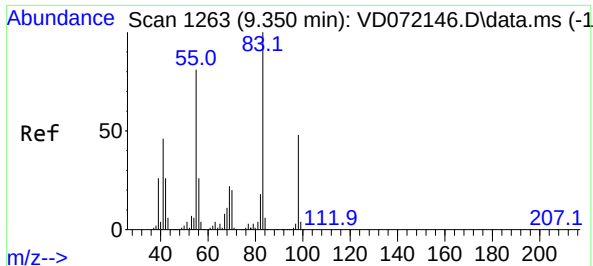
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#38
Carbon Tetrachloride
Concen: 15.609 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

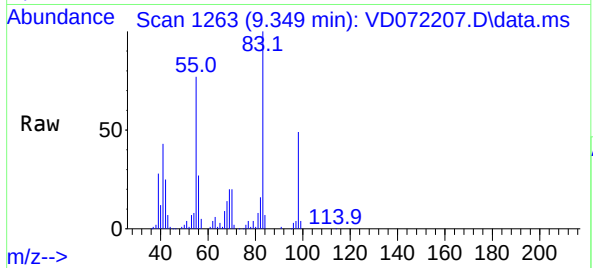
Tgt Ion:117 Resp: 130994
Ion Ratio Lower Upper
117 100
119 91.5 75.8 113.6
121 30.6 24.5 36.7





#39
Methylcyclohexane
Concen: 14.734 ug/l
RT: 9.349 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

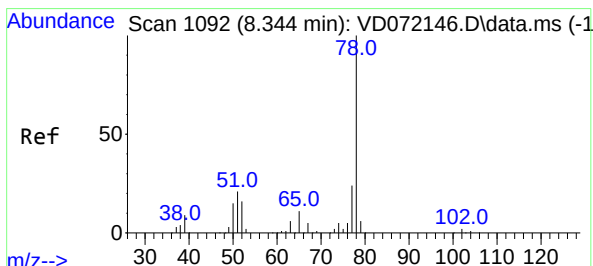
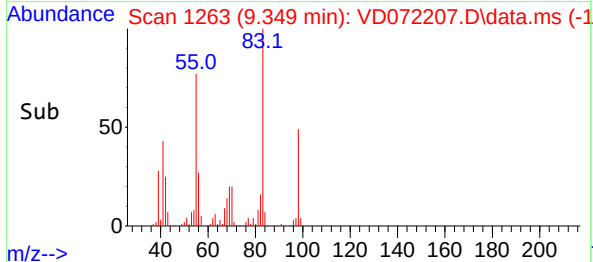
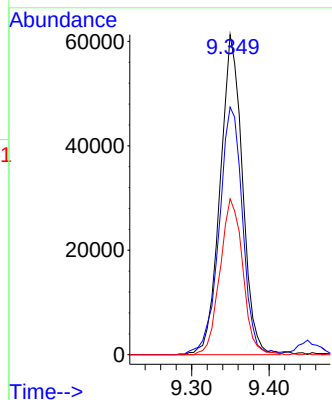
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02



Tgt Ion: 83 Resp: 122400
Ion Ratio Lower Upper
83 100
55 77.1 63.2 94.8
98 48.4 38.2 57.4

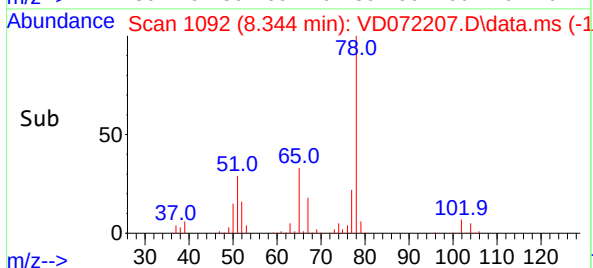
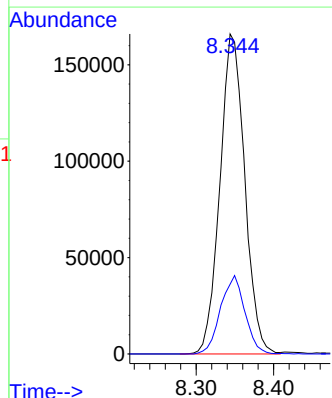
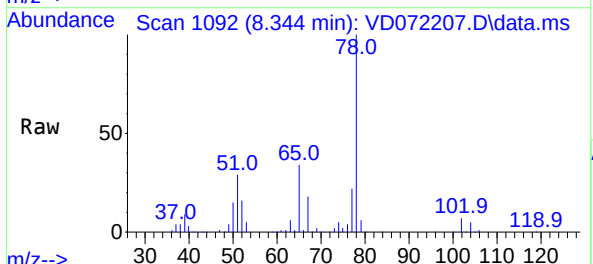
Manual Integrations
APPROVED

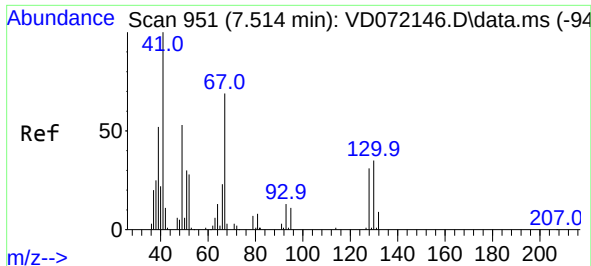
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#40
Benzene
Concen: 17.567 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

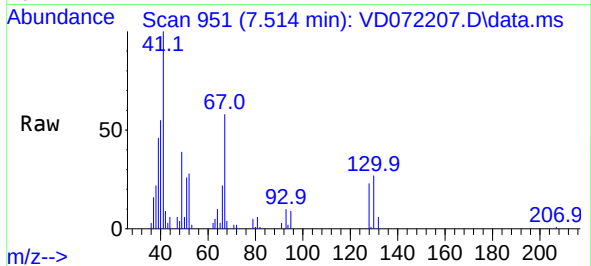
Tgt Ion: 78 Resp: 370004
Ion Ratio Lower Upper
78 100
77 21.8 19.1 28.7





#41
Methacrylonitrile
Concen: 21.820 ug/l
RT: 7.514 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

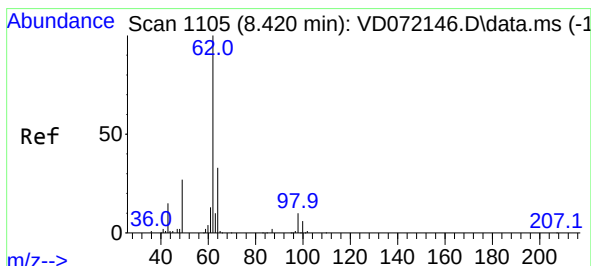
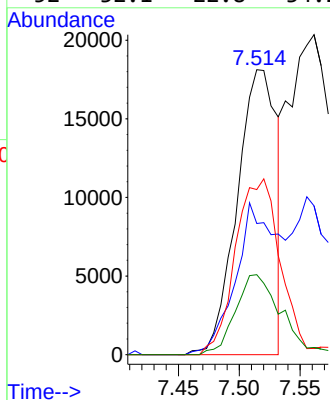
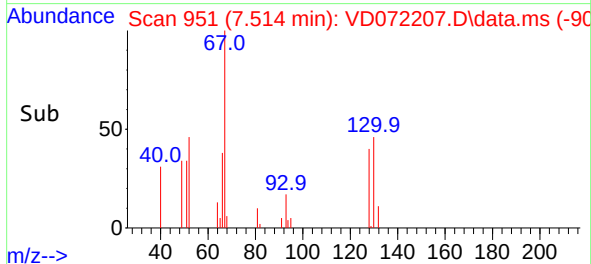
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD02



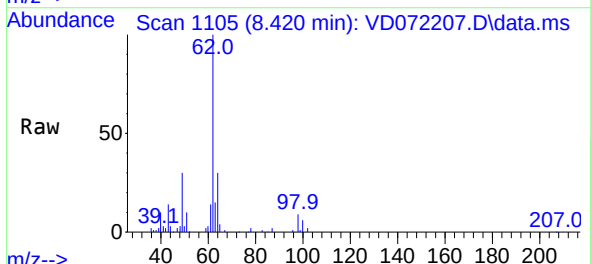
Tgt Ion: 41 Resp: 41130
Ion Ratio Lower Upper
41 100
39 57.9 44.6 67.0
67 70.1 48.2 72.4
52 32.1 22.8 34.2

Manual Integrations
APPROVED

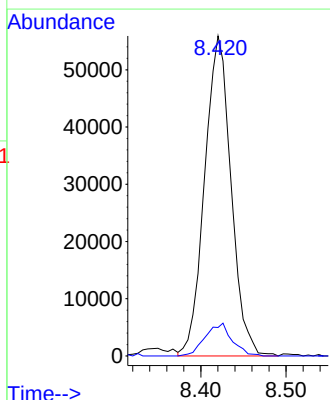
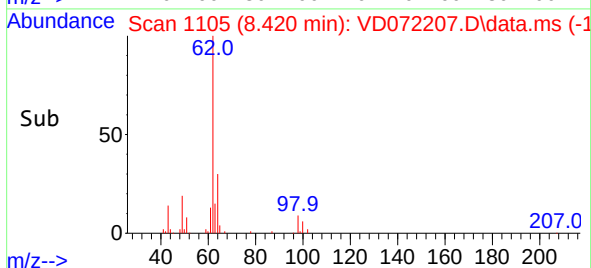
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

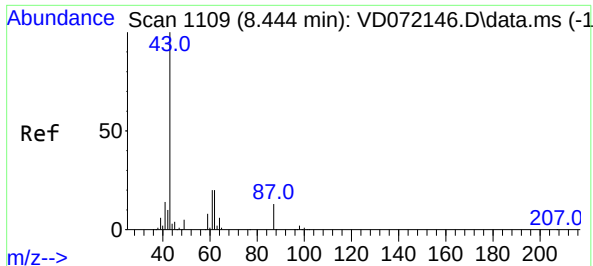


#42
1,2-Dichloroethane
Concen: 18.879 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47



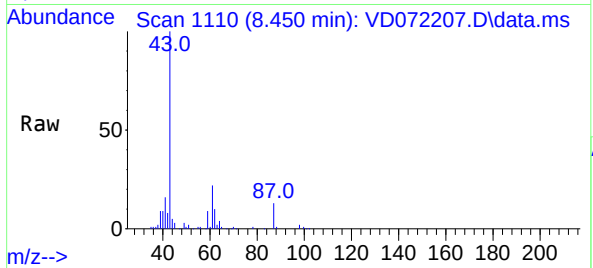
Tgt Ion: 62 Resp: 120624
Ion Ratio Lower Upper
62 100
98 10.4 0.0 17.6





#43
Isopropyl Acetate
Concen: 21.091 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

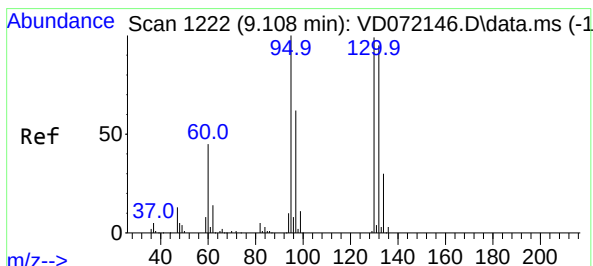
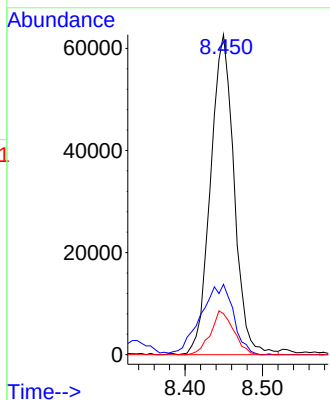
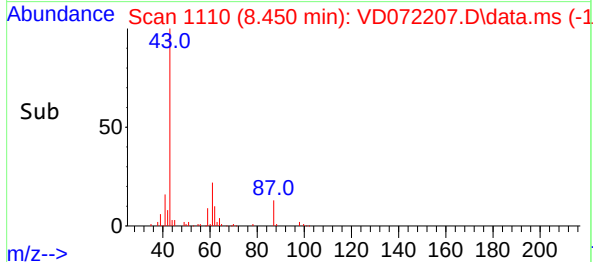
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02



Tgt Ion: 43 Resp: 13238
Ion Ratio Lower Upper
43 100
61 30.4 22.4 33.6
87 13.3 8.7 13.1

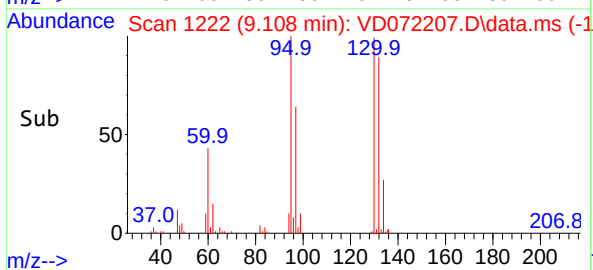
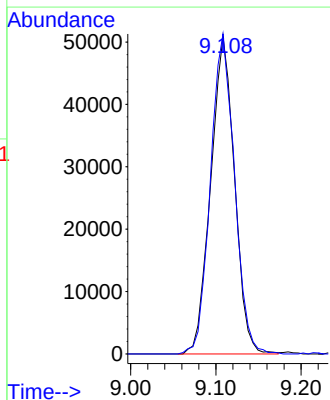
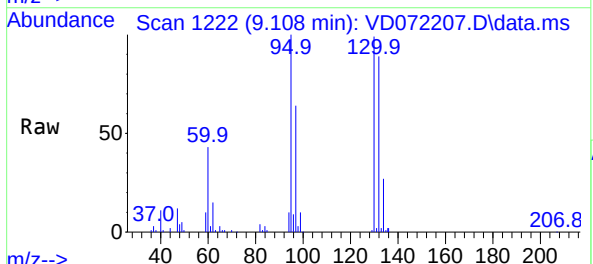
Manual Integrations
APPROVED

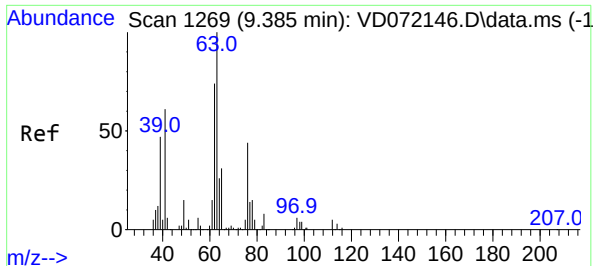
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#44
Trichloroethene
Concen: 16.743 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

Tgt Ion:130 Resp: 98997
Ion Ratio Lower Upper
130 100
95 100.7 0.0 205.4





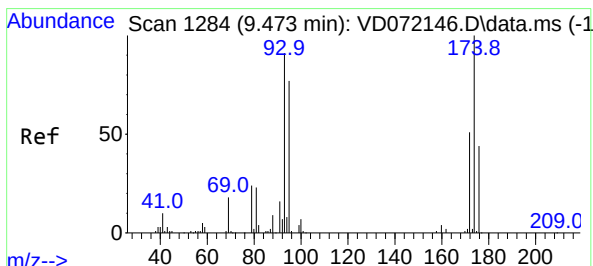
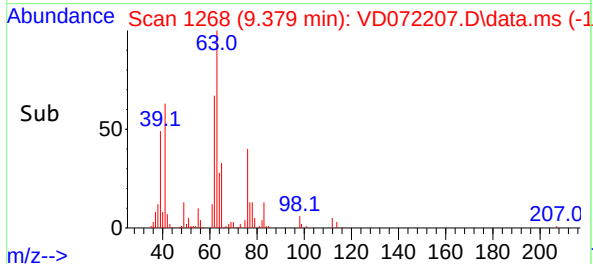
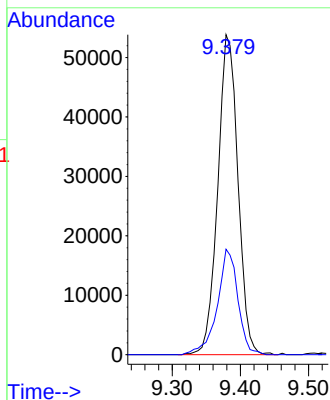
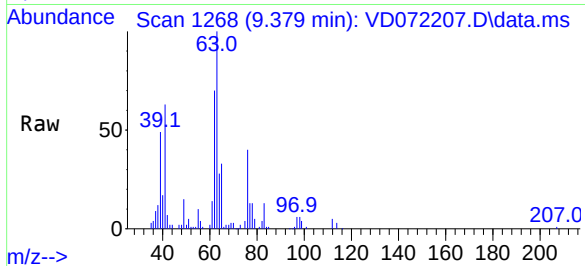
#45
1,2-Dichloropropane
Concen: 19.194 ug/l
RT: 9.379 min Scan# 110870
Delta R.T. -0.006 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD02

Tgt Ion: 63 Resp: 110870
Ion Ratio Lower Upper
63 100
65 33.0 26.2 39.4

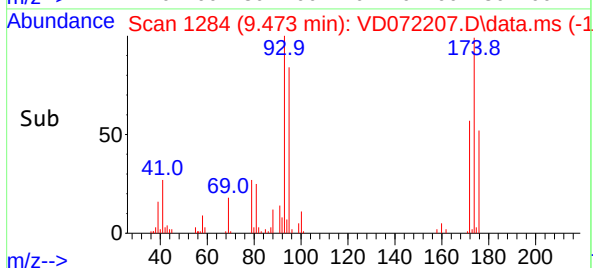
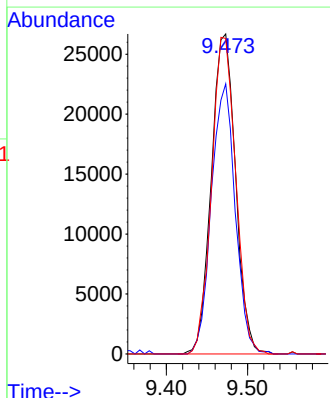
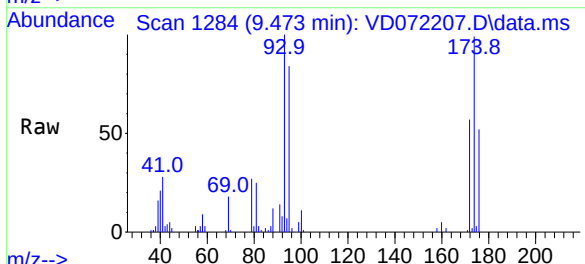
Manual Integrations
APPROVED

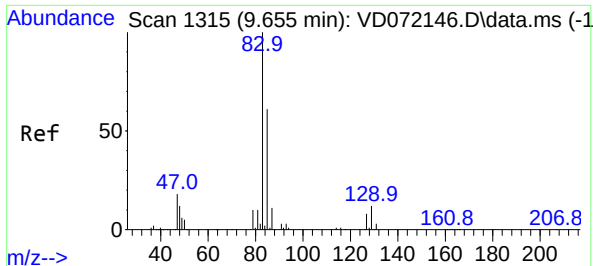
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#46
Dibromomethane
Concen: 19.520 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

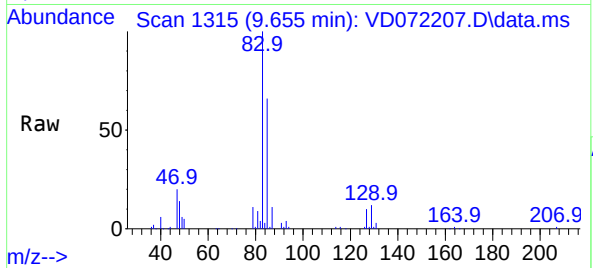
Tgt Ion: 93 Resp: 55463
Ion Ratio Lower Upper
93 100
95 83.1 66.7 100.1
174 98.4 71.6 107.4





#47
Bromodichloromethane
Concen: 18.709 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

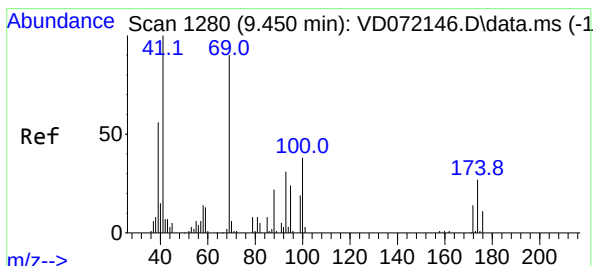
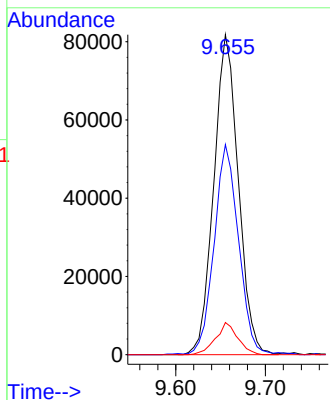
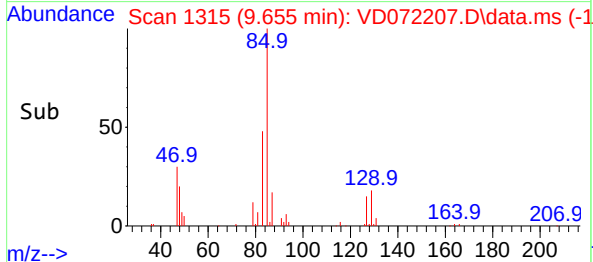
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD02



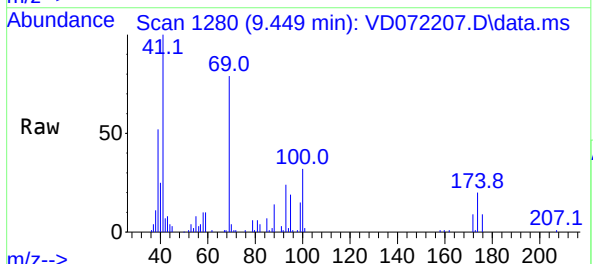
Tgt Ion: 83 Resp: 15497
Ion Ratio Lower Upper
83 100
85 65.3 51.4 77.0
127 10.0 6.1 9.1

Manual Integrations
APPROVED

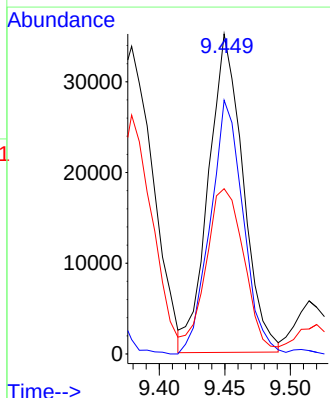
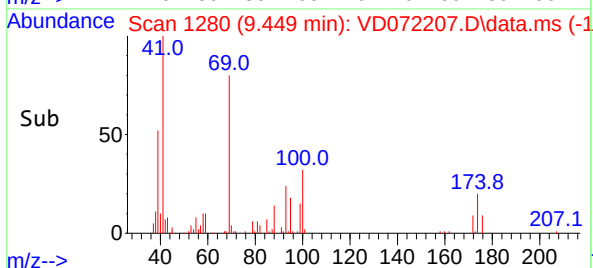
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

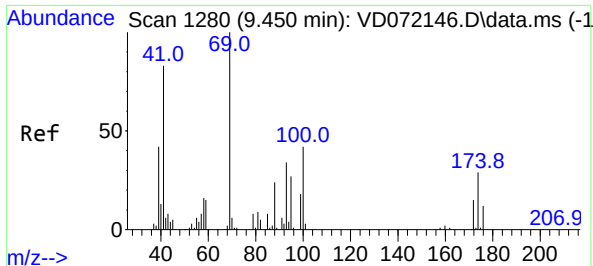


#48
Methyl methacrylate
Concen: 21.411 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47



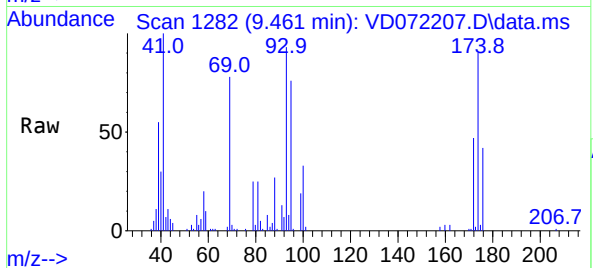
Tgt Ion: 41 Resp: 64173
Ion Ratio Lower Upper
41 100
69 76.0 56.7 85.1
39 57.2 42.7 64.1





#49
1,4-Dioxane
Concen: 401.871 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.012 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

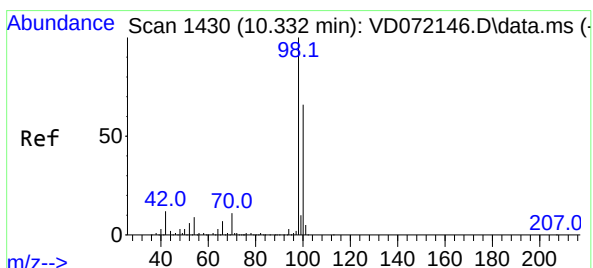
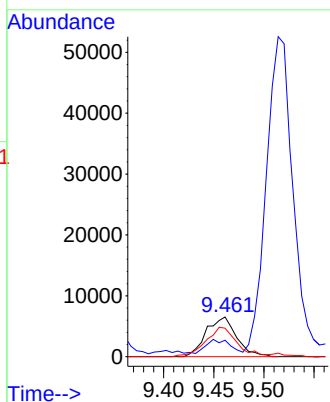
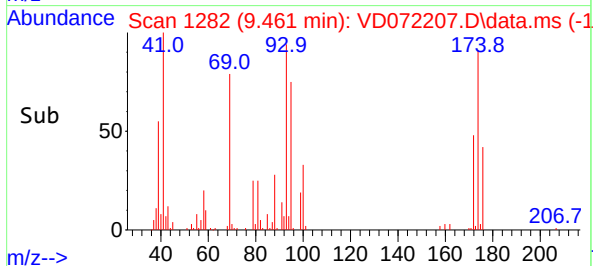
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD02



Tgt Ion: 88 Resp: 1369
Ion Ratio Lower Upper
88 100
43 27.0 31.0 46.4
58 75.6 58.1 87.1

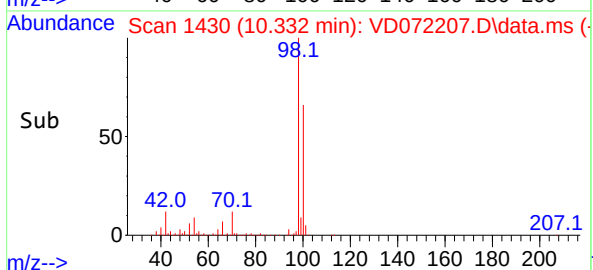
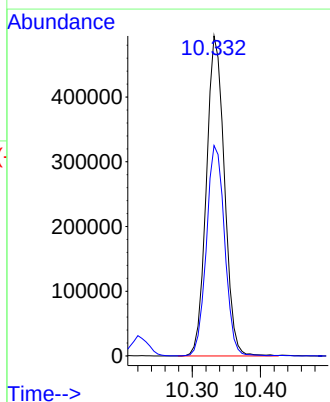
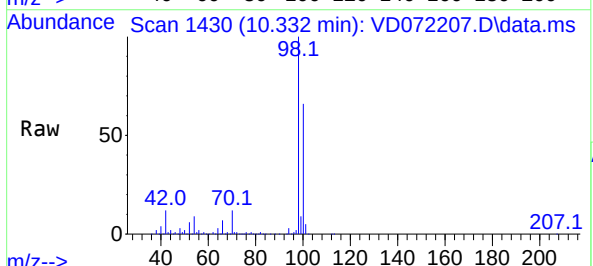
Manual Integrations
APPROVED

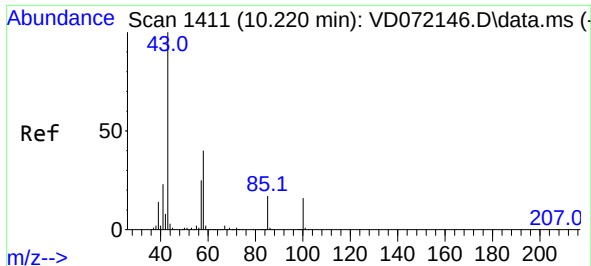
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#50
Toluene-d8
Concen: 47.298 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

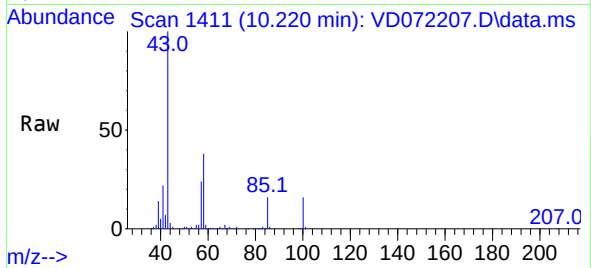
Tgt Ion: 98 Resp: 910129
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 109.297 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

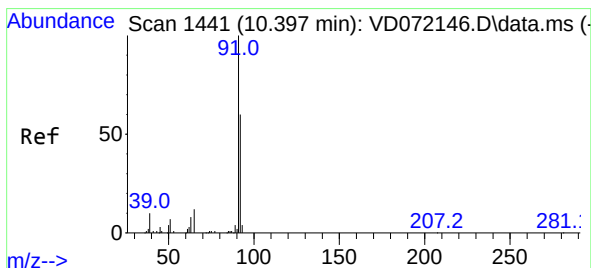
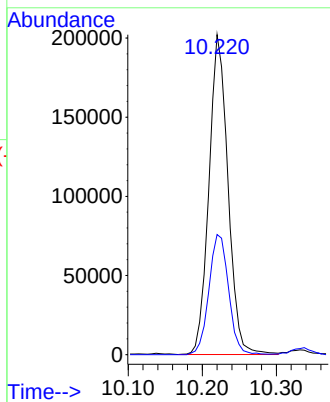
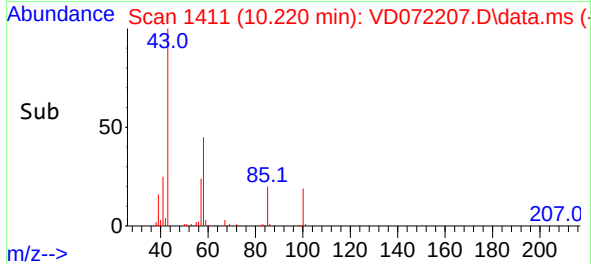
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02



Tgt Ion: 43 Resp: 360320
Ion Ratio Lower Upper
43 100
58 38.8 28.6 43.0

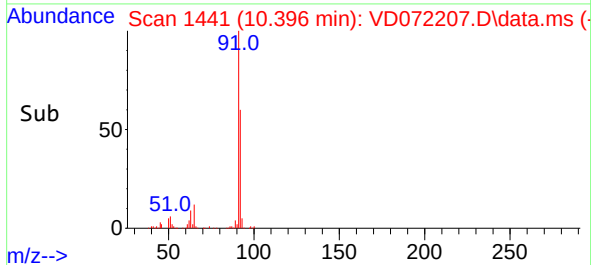
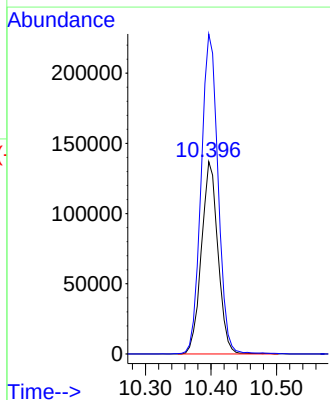
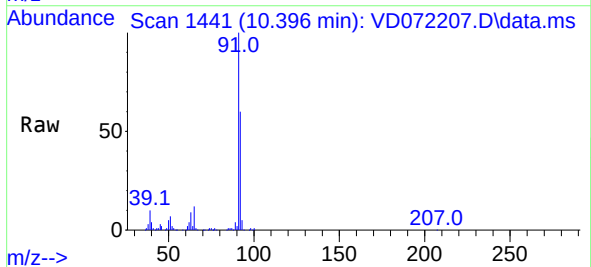
Manual Integrations
APPROVED

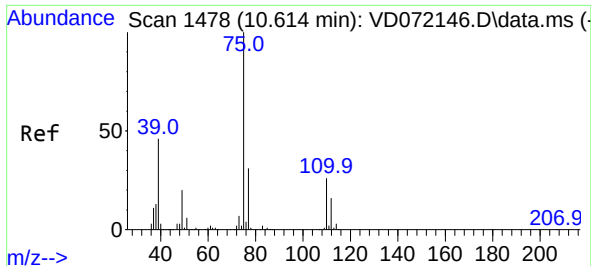
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#52
Toluene
Concen: 17.353 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

Tgt Ion: 92 Resp: 240494
Ion Ratio Lower Upper
92 100
91 170.4 139.6 209.4





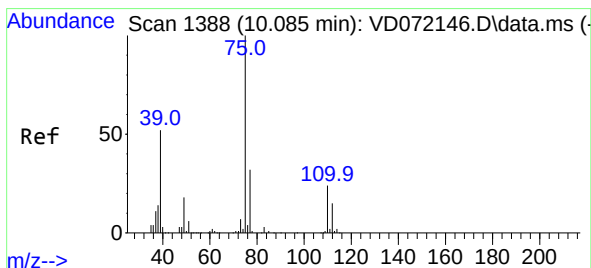
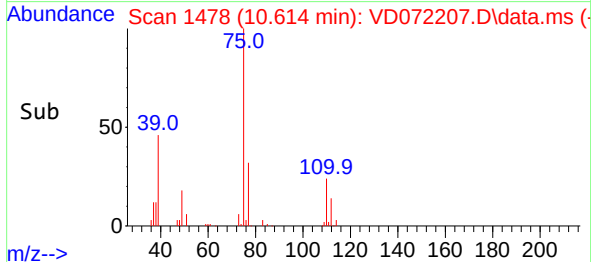
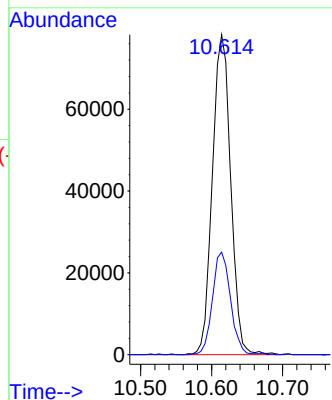
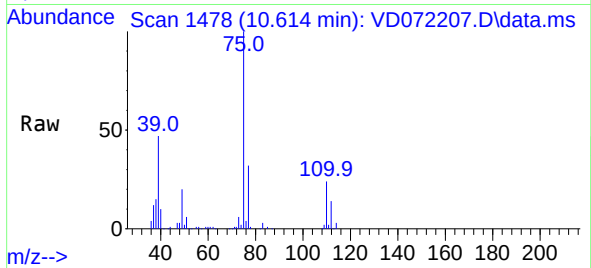
#53
t-1,3-Dichloropropene
Concen: 18.544 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02

Tgt Ion: 75 Resp: 14034
Ion Ratio Lower Upper
75 100
77 32.0 24.5 36.7

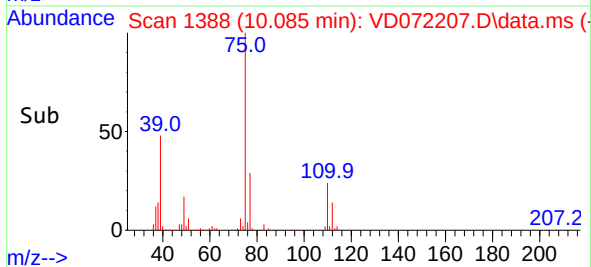
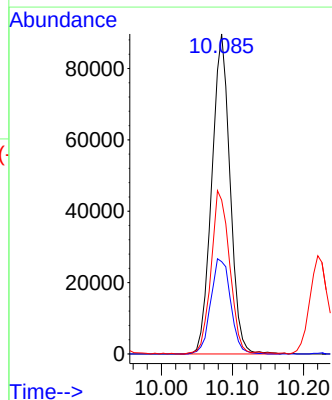
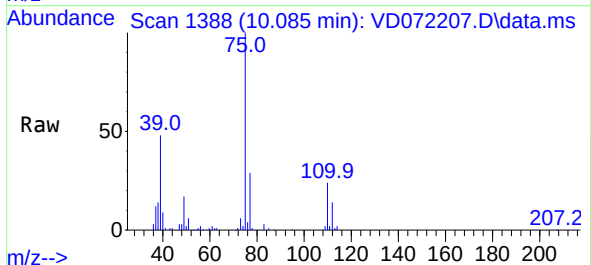
Manual Integrations
APPROVED

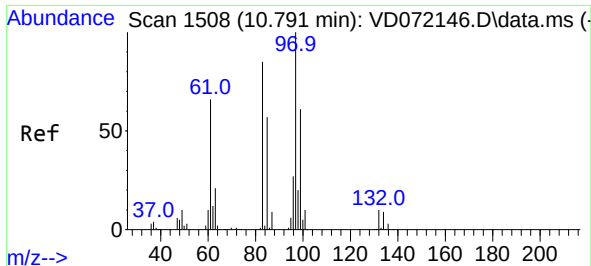
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#54
cis-1,3-Dichloropropene
Concen: 18.308 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

Tgt Ion: 75 Resp: 160170
Ion Ratio Lower Upper
75 100
77 28.9 24.8 37.2
39 48.1 46.8 70.2





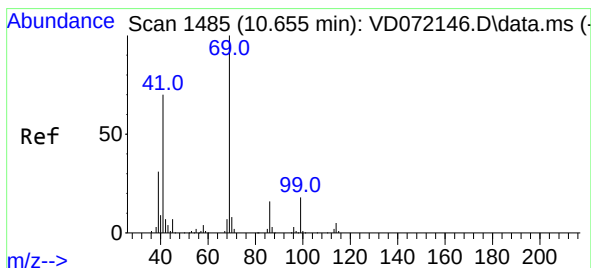
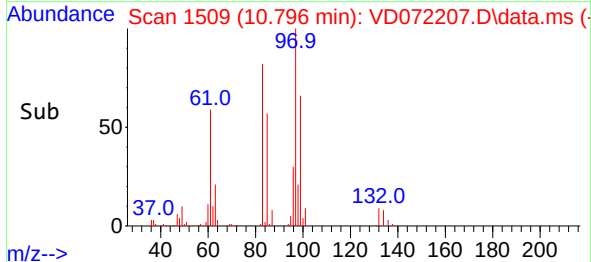
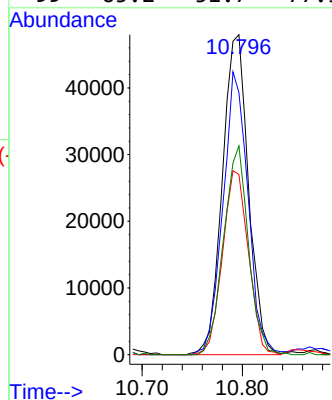
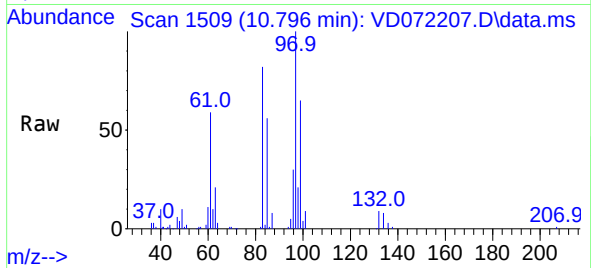
#55
1,1,2-Trichloroethane
Concen: 20.067 ug/l
RT: 10.796 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD02

Tgt Ion: 97 Resp: 86860
Ion Ratio Lower Upper
97 100
83 81.9 69.0 103.4
85 56.3 42.6 63.8
99 65.2 51.7 77.5

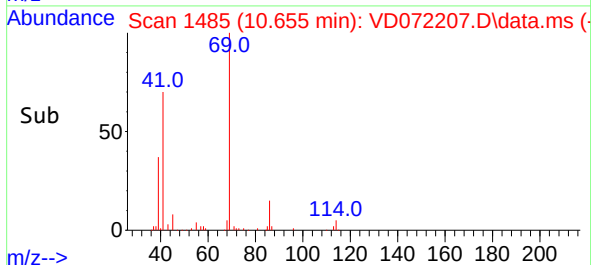
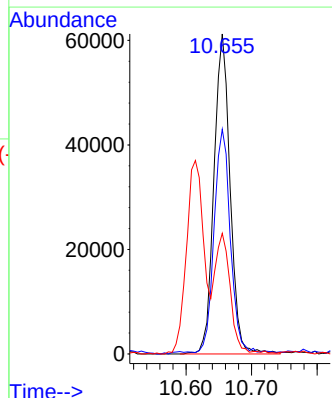
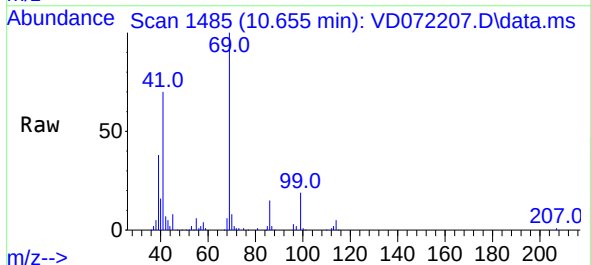
Manual Integrations
APPROVED

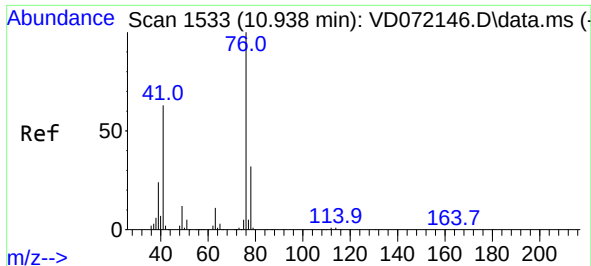
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#56
Ethyl methacrylate
Concen: 20.647 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

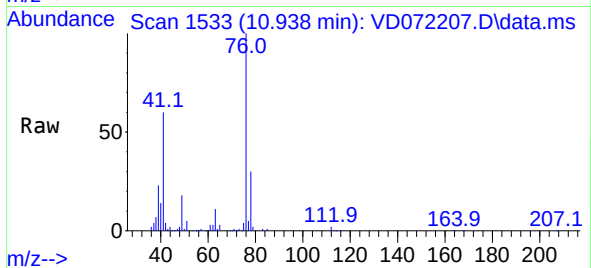
Tgt Ion: 69 Resp: 104678
Ion Ratio Lower Upper
69 100
41 69.6 63.0 94.6
39 33.2 33.8 50.8#





#57
1,3-Dichloropropane
Concen: 19.633 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

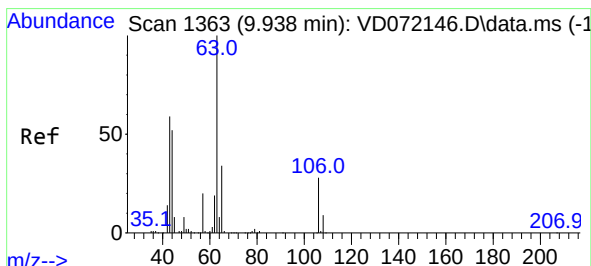
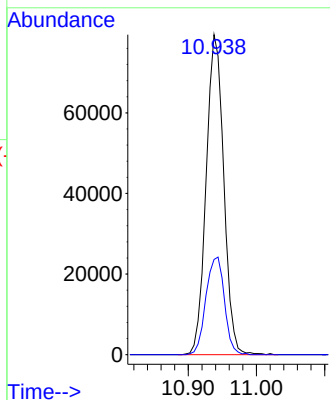
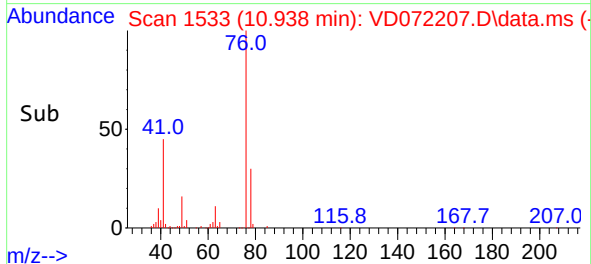
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02



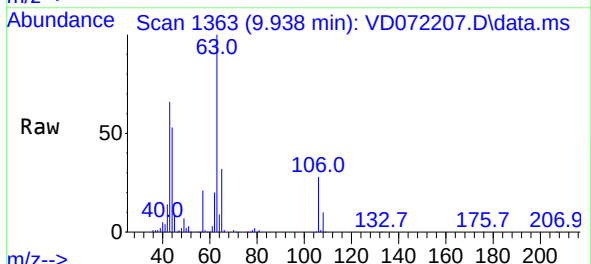
Tgt Ion: 76 Resp: 14262
Ion Ratio Lower Upper
76 100
78 32.0 26.0 39.0

Manual Integrations
APPROVED

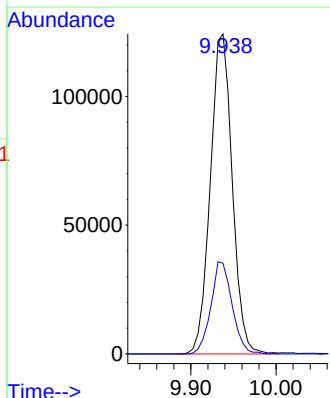
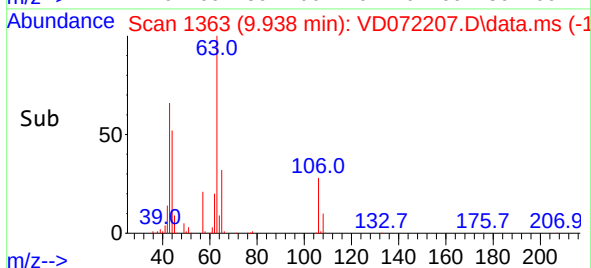
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

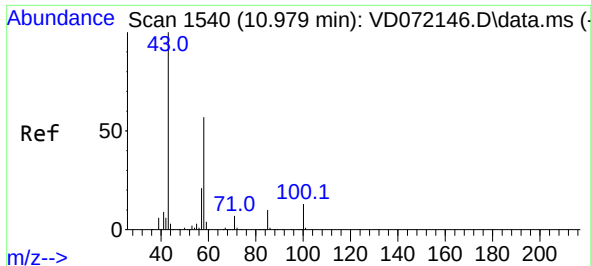


#58
2-Chloroethyl Vinyl ether
Concen: 97.657 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47



Tgt Ion: 63 Resp: 222614
Ion Ratio Lower Upper
63 100
106 27.9 21.4 32.0





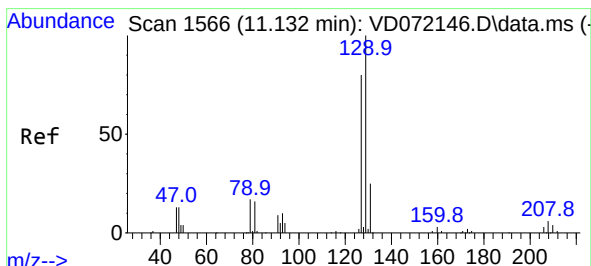
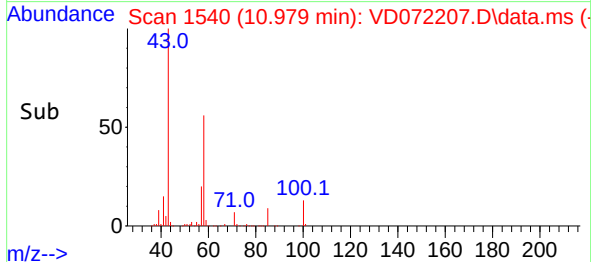
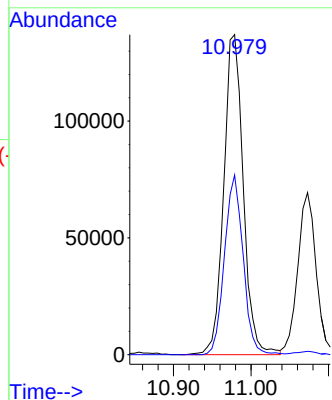
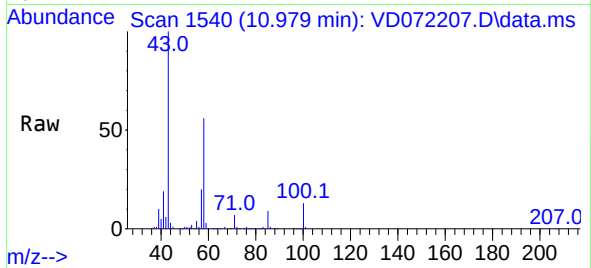
#59
2-Hexanone
Concen: 105.537 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD02

Tgt Ion: 43 Resp: 24030
Ion Ratio Lower Upper
43 100
58 53.6 25.3 75.9

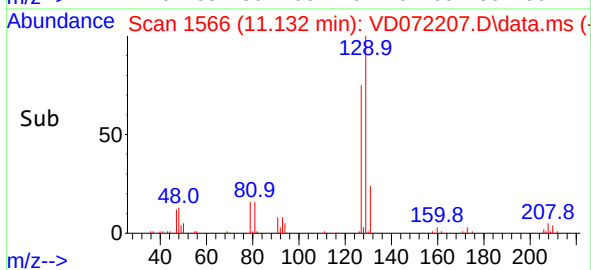
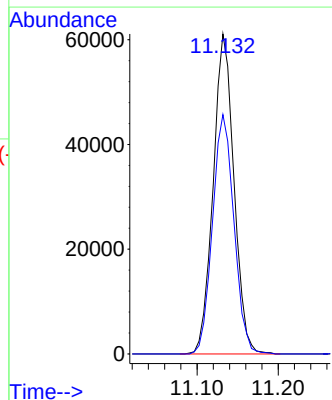
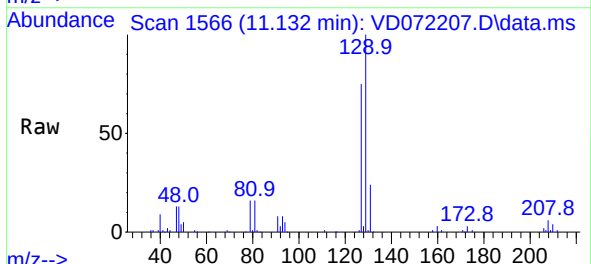
Manual Integrations
APPROVED

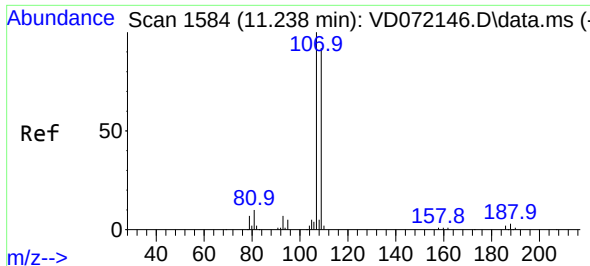
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#60
Dibromochloromethane
Concen: 19.348 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

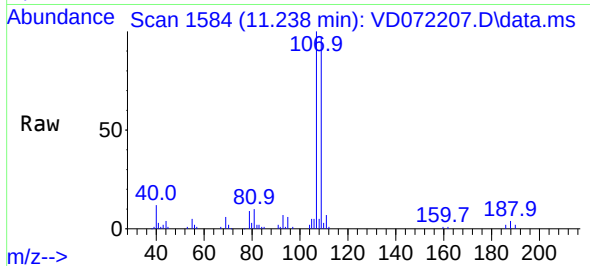
Tgt Ion:129 Resp: 108672
Ion Ratio Lower Upper
129 100
127 77.2 39.2 117.6





#61
1,2-Dibromoethane
Concen: 19.418 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

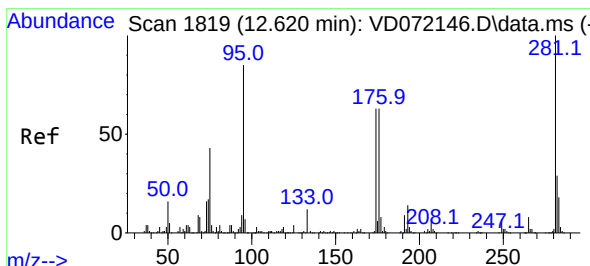
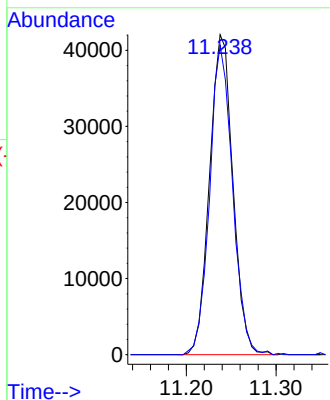
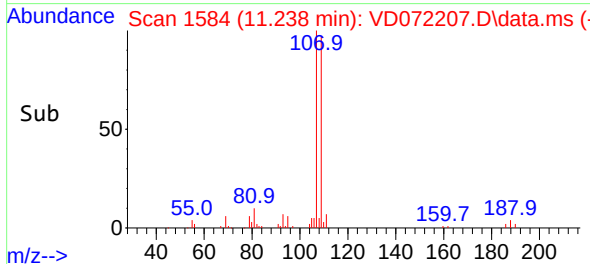
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02



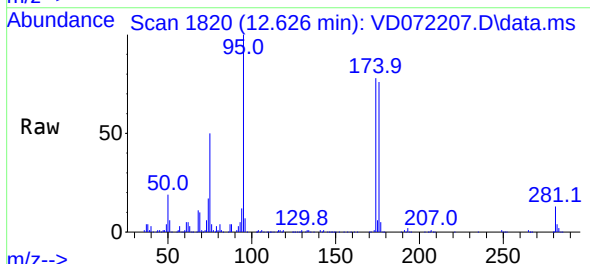
Tgt Ion:107 Resp: 75949
Ion Ratio Lower Upper
107 100
109 94.9 74.2 111.4

Manual Integrations
APPROVED

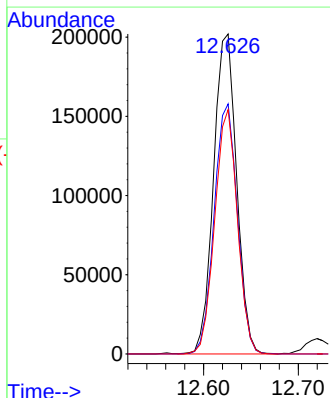
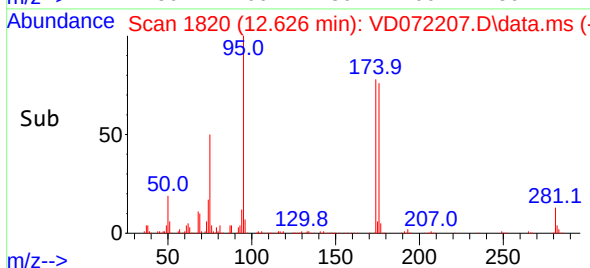
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

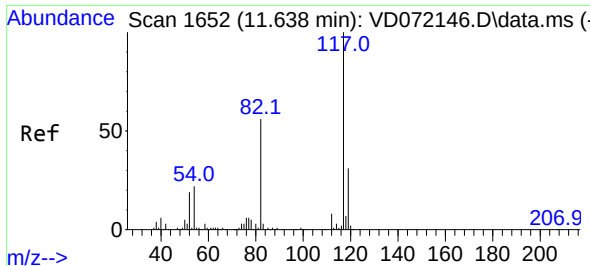


#62
4-Bromofluorobenzene
Concen: 45.771 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47



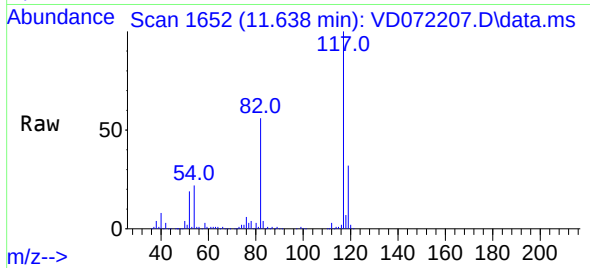
Tgt Ion: 95 Resp: 342222
Ion Ratio Lower Upper
95 100
174 78.6 0.0 152.8
176 74.7 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

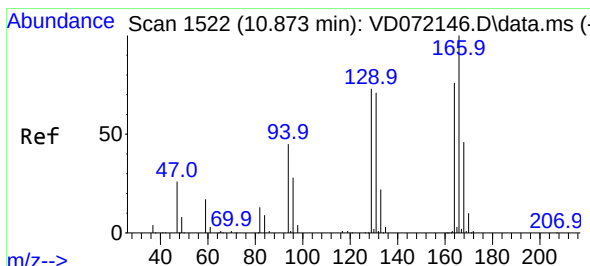
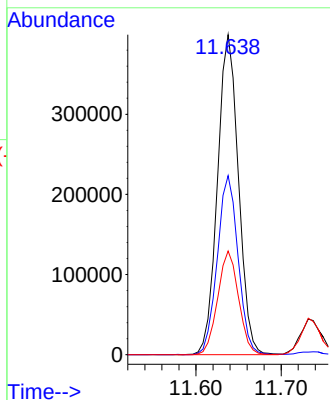
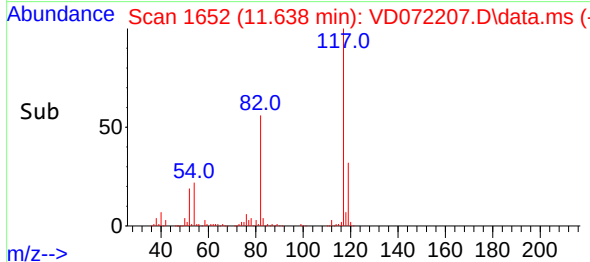
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD02



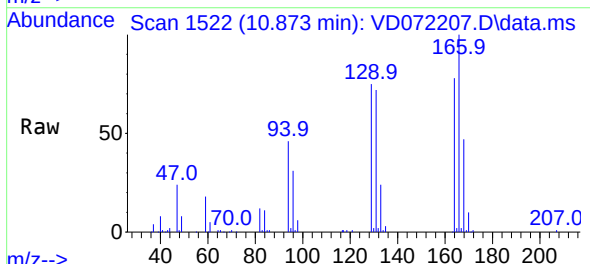
Tgt Ion:117 Resp: 68347
Ion Ratio Lower Upper
117 100
82 55.9 45.3 67.9
119 32.4 26.6 40.0

Manual Integrations
APPROVED

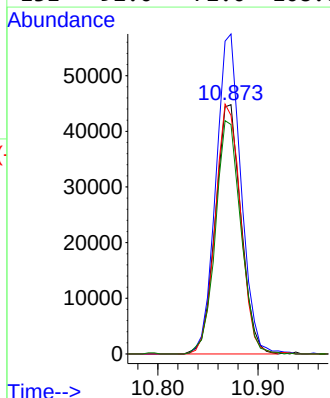
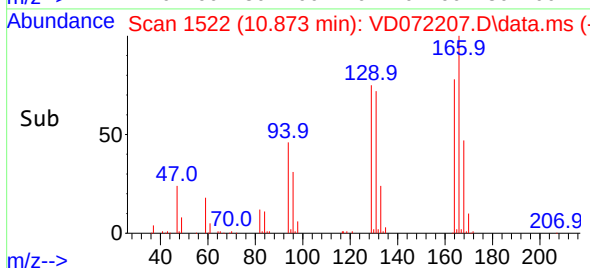
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

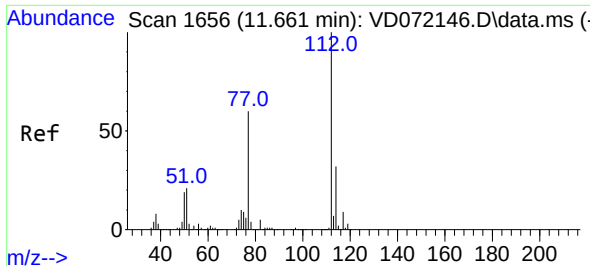


#64
Tetrachloroethene
Concen: 16.511 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47



Tgt Ion:164 Resp: 79511
Ion Ratio Lower Upper
164 100
166 128.3 98.5 147.7
129 95.7 74.6 111.8
131 92.0 72.0 108.0





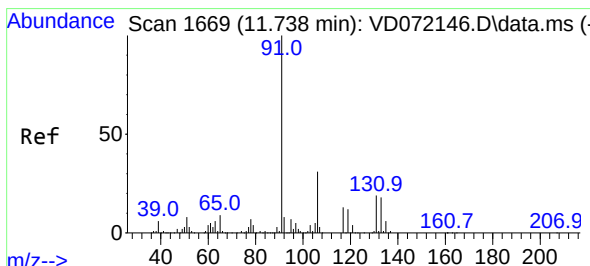
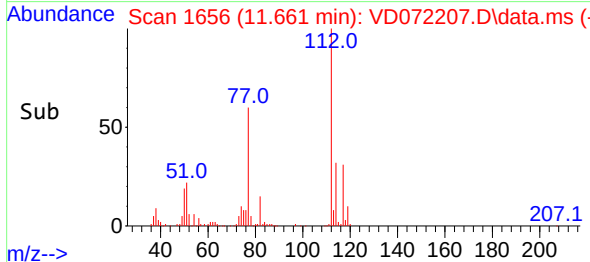
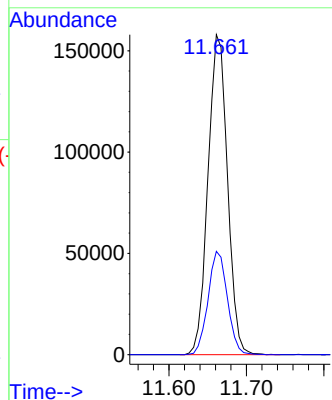
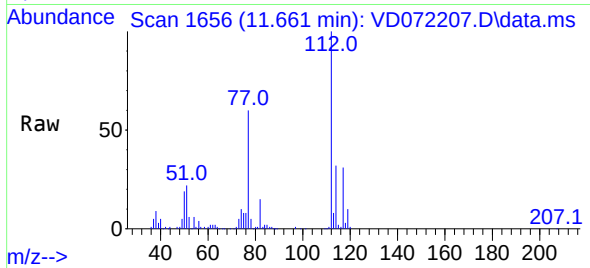
#65
Chlorobenzene
Concen: 18.207 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02

Tgt Ion:112 Resp: 275874
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6

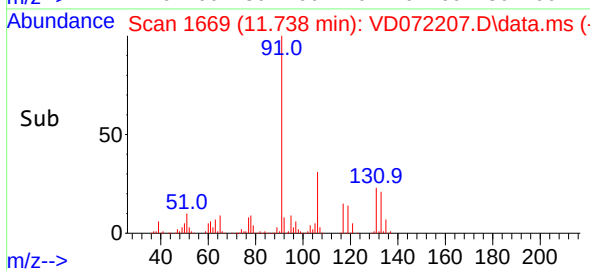
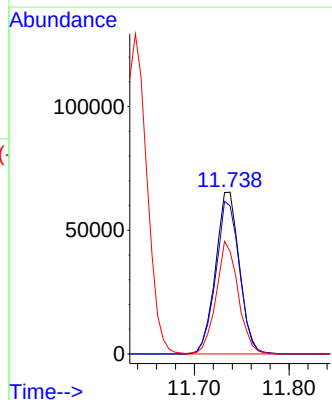
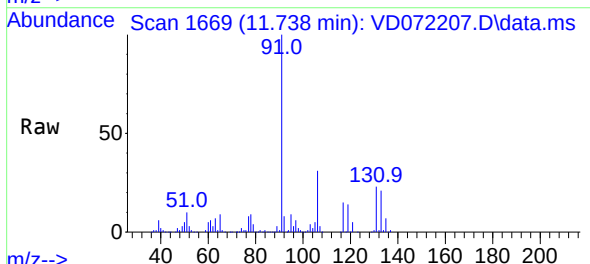
Manual Integrations
APPROVED

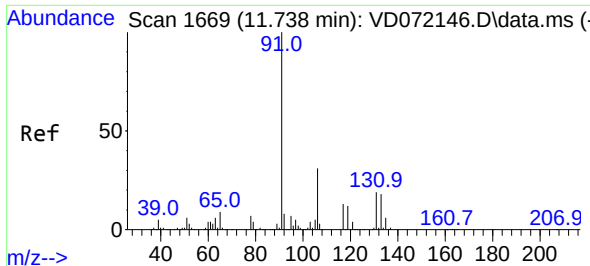
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.107 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

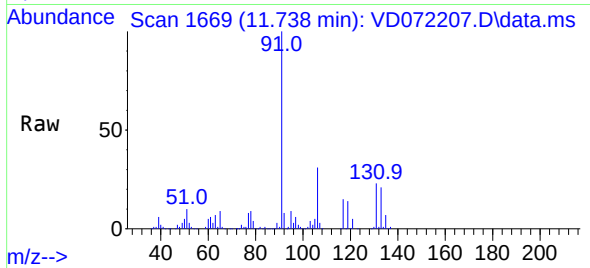
Tgt Ion:131 Resp: 114487
Ion Ratio Lower Upper
131 100
133 94.0 48.1 144.3
119 64.6 31.9 95.9





#67
Ethyl Benzene
Concen: 17.388 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

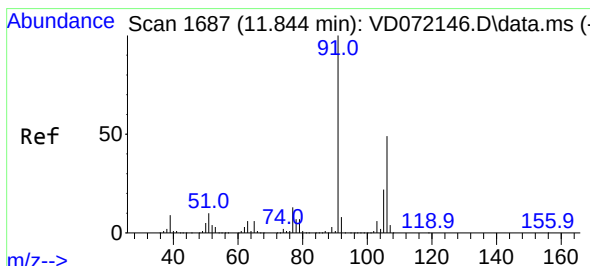
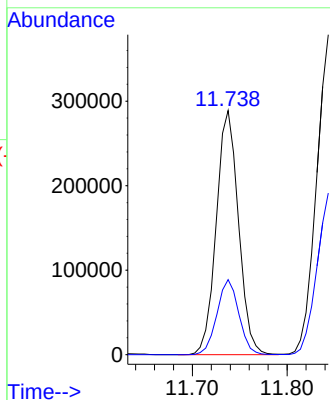
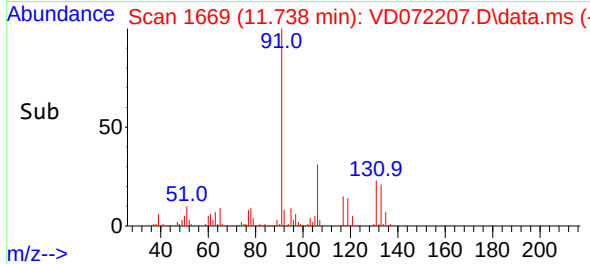
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD02



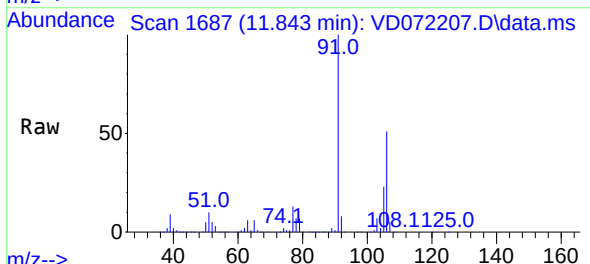
Tgt Ion: 91 Resp: 470570
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.4

Manual Integrations
APPROVED

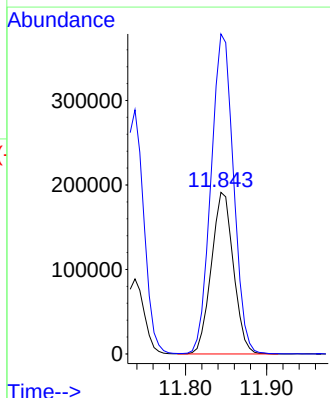
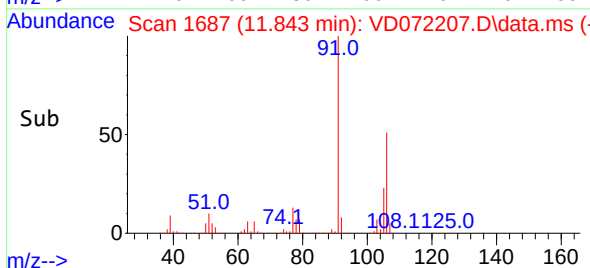
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

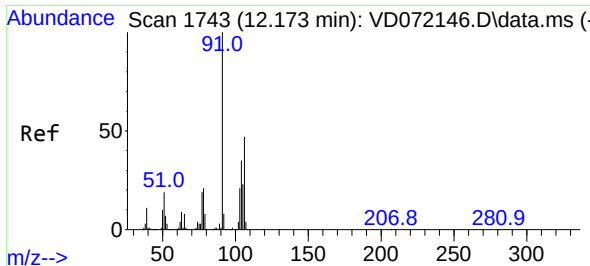


#68
m/p-Xylenes
Concen: 35.214 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47



Tgt Ion:106 Resp: 361860
Ion Ratio Lower Upper
106 100
91 201.7 163.7 245.5





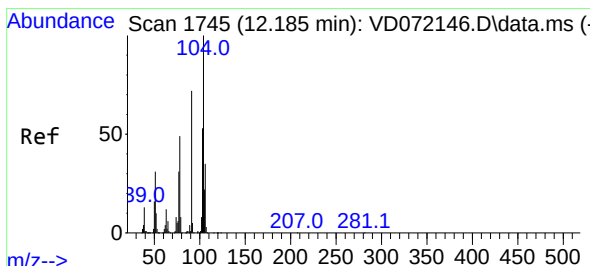
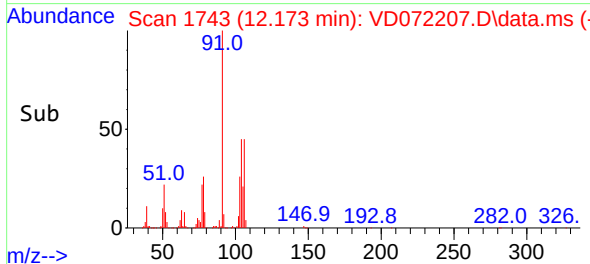
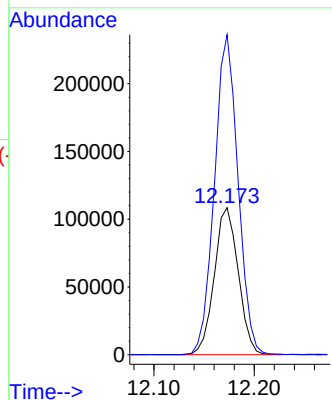
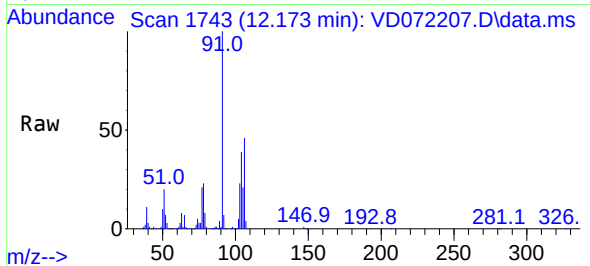
#69
o-Xylene
Concen: 18.294 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD02

Tgt Ion:106 Resp: 179811
Ion Ratio Lower Upper
106 100
91 213.8 110.4 331.2

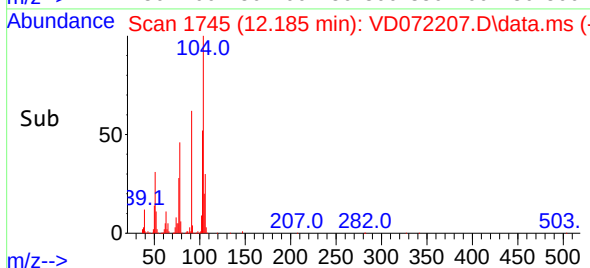
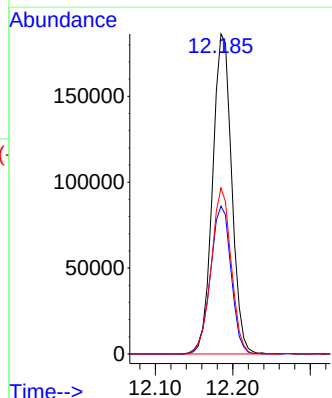
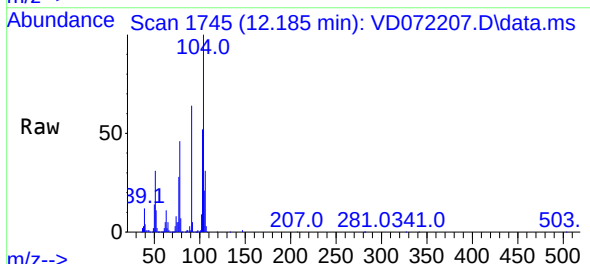
Manual Integrations
APPROVED

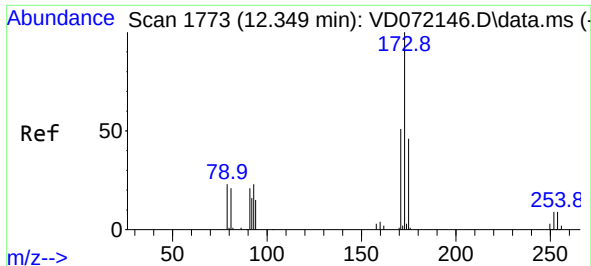
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#70
Styrene
Concen: 18.585 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

Tgt Ion:104 Resp: 318989
Ion Ratio Lower Upper
104 100
78 50.0 41.8 62.8
103 54.1 44.2 66.4





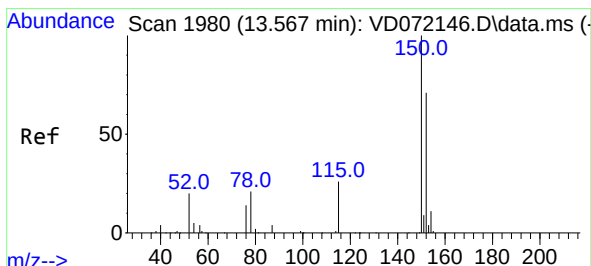
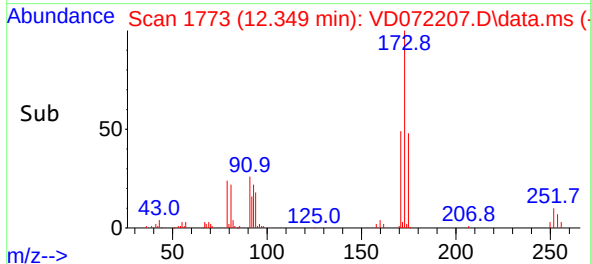
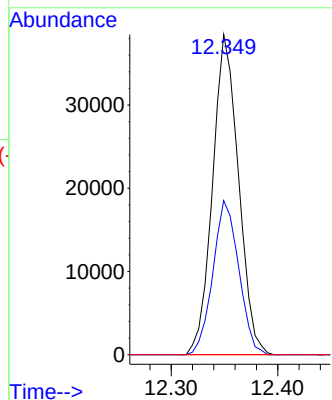
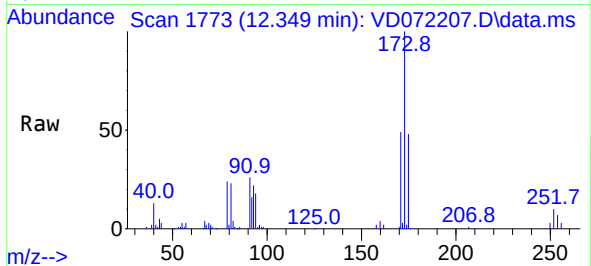
#71
Bromoform
Concen: 20.281 ug/l
RT: 12.349 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD02

Tgt Ion:173 Resp: 64912
Ion Ratio Lower Upper
173 100
175 48.0 23.9 71.8
254 0.0 0.0 0.0

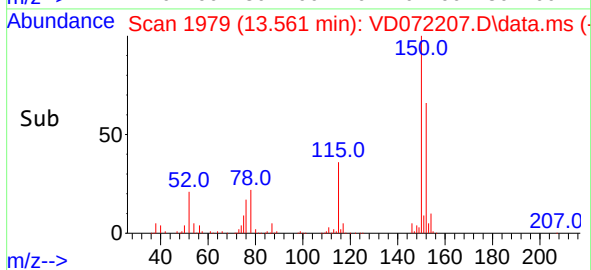
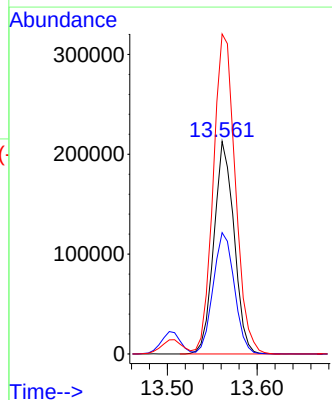
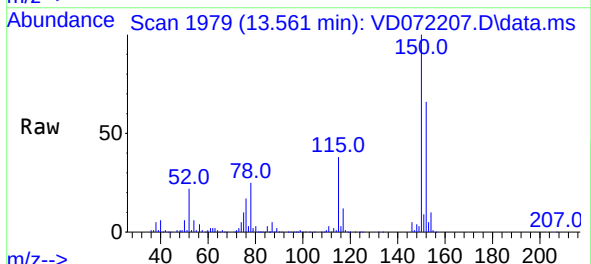
Manual Integrations
APPROVED

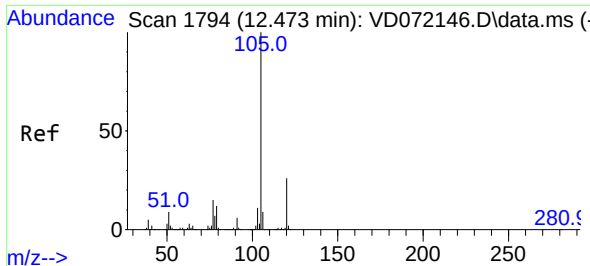
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

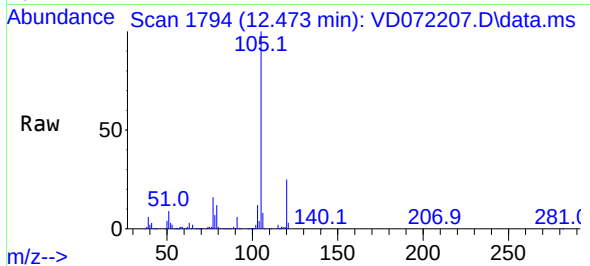
Tgt Ion:152 Resp: 332314
Ion Ratio Lower Upper
152 100
115 60.2 31.3 93.8
150 164.7 0.0 348.6





#73
Isopropylbenzene
Concen: 18.412 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

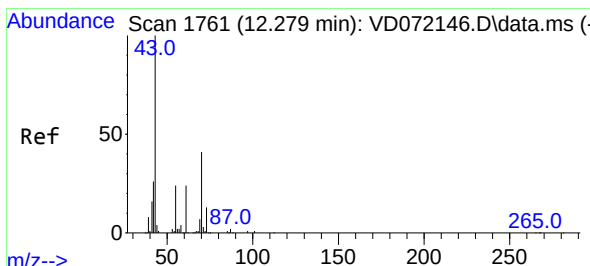
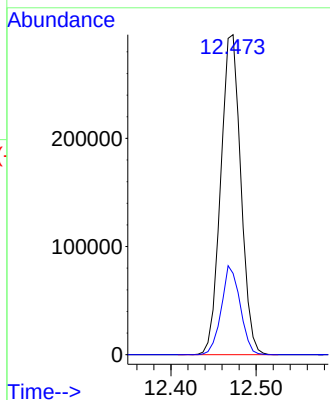
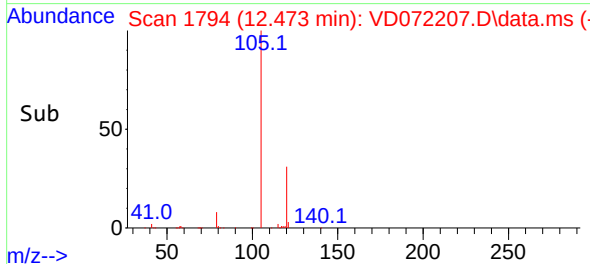
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02



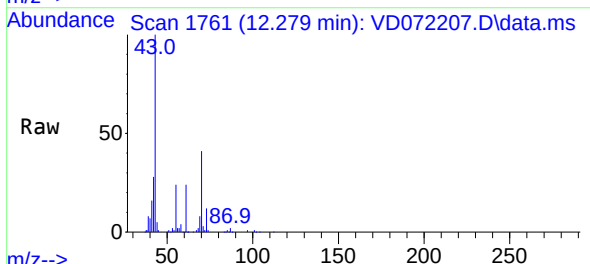
Tgt Ion:105 Resp: 484860
Ion Ratio Lower Upper
105 100
120 25.9 13.0 38.9

Manual Integrations
APPROVED

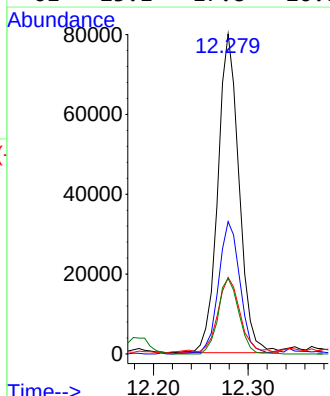
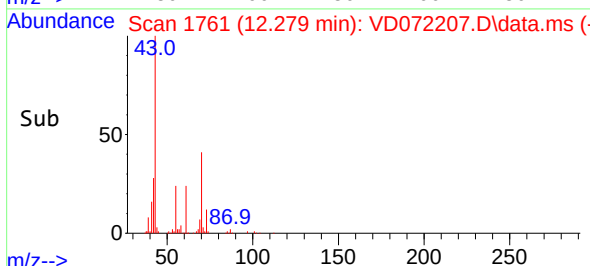
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

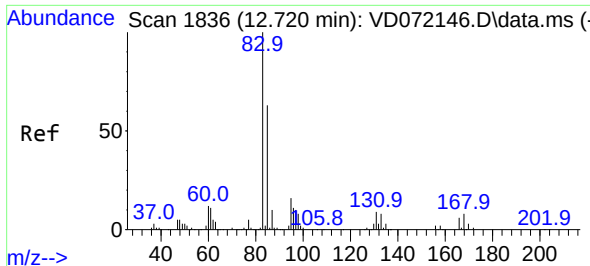


#74
N-ethyl acetate
Concen: 22.040 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47



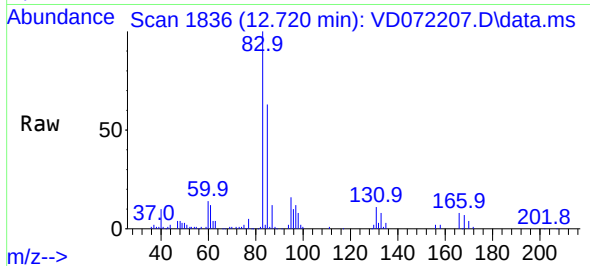
Tgt Ion: 43 Resp: 124727
Ion Ratio Lower Upper
43 100
70 41.9 31.3 46.9
55 25.0 20.0 30.0
61 23.1 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 22.119 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

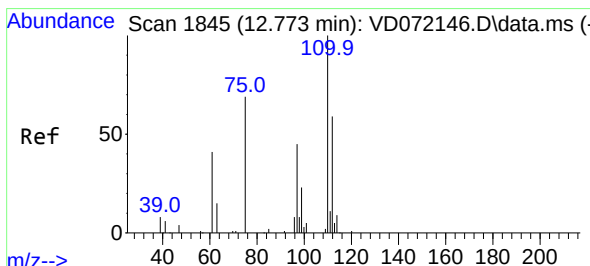
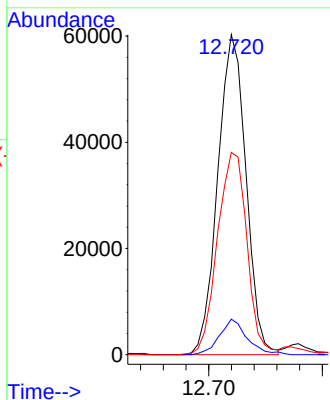
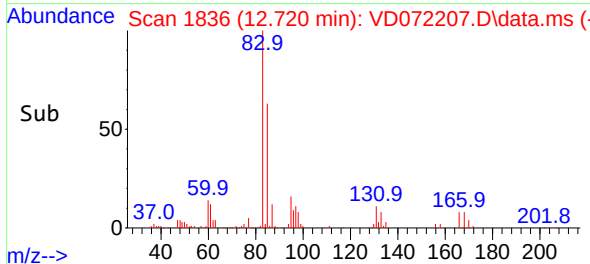
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02



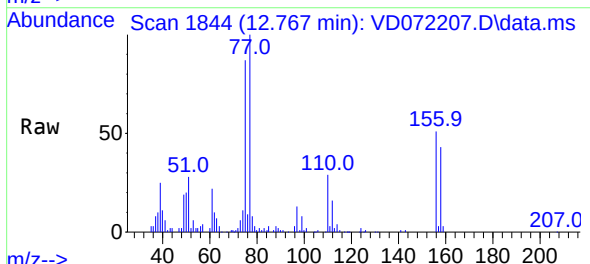
Tgt Ion: 83 Resp: 104170
Ion Ratio Lower Upper
83 100
131 10.8 5.0 14.9
85 65.9 32.6 98.0

Manual Integrations
APPROVED

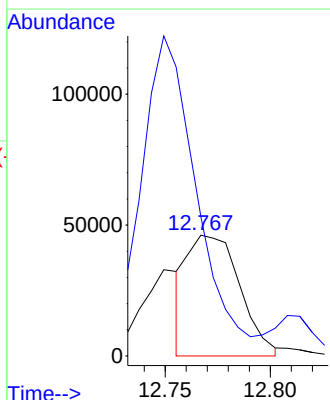
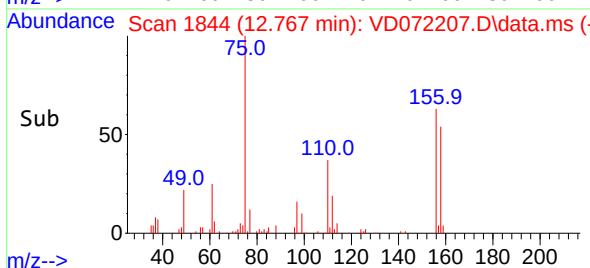
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

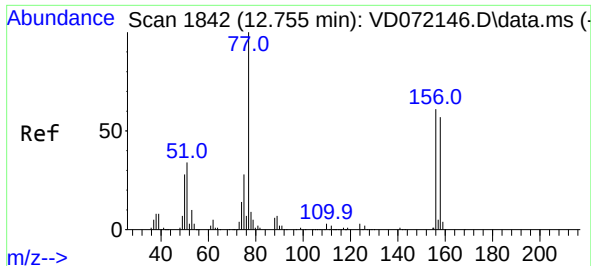


#76
1,2,3-Trichloropropane
Concen: 21.916 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47



Tgt Ion: 75 Resp: 80337
Ion Ratio Lower Upper
75 100
77 280.4 0.0 0.0#





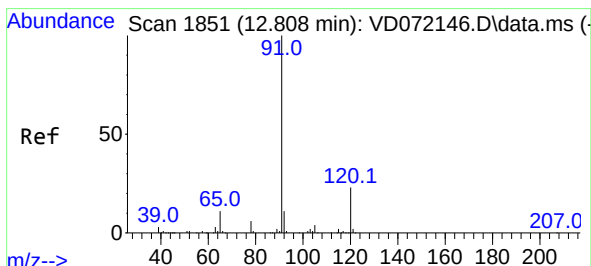
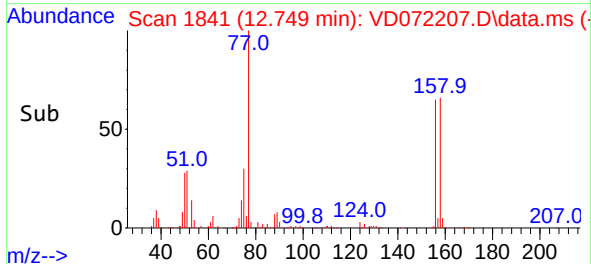
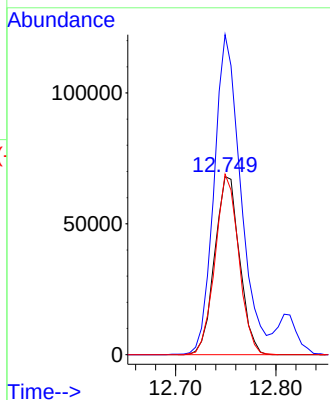
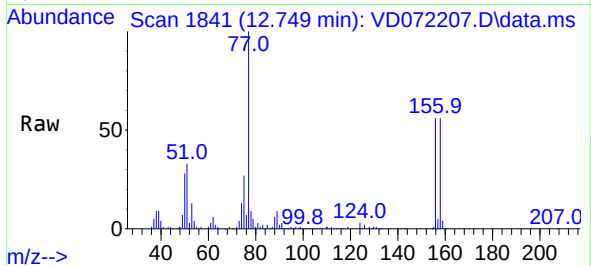
#77
Bromobenzene
Concen: 19.802 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02

Tgt Ion:156 Resp: 117370
Ion Ratio Lower Upper
156 100
77 191.9 102.8 308.3
158 96.2 48.7 146.1

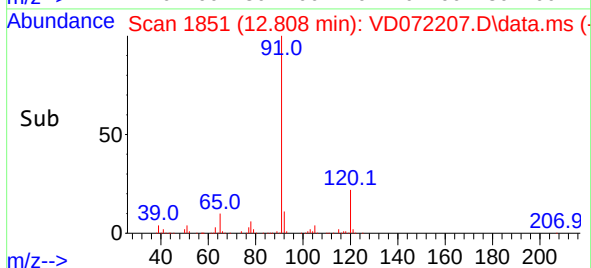
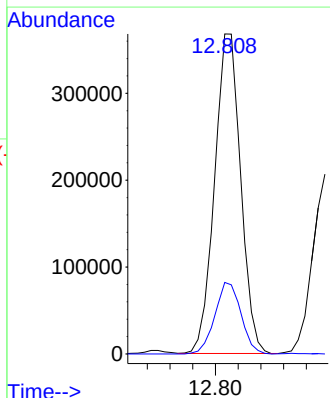
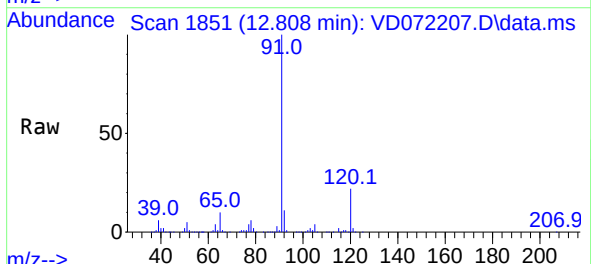
Manual Integrations
APPROVED

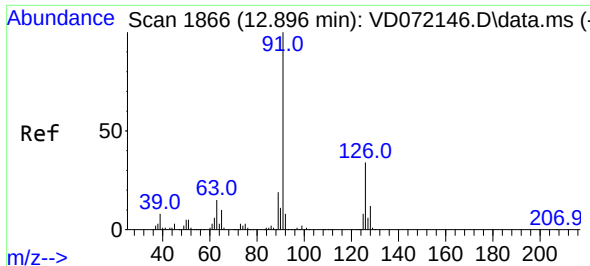
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#78
n-propylbenzene
Concen: 18.335 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

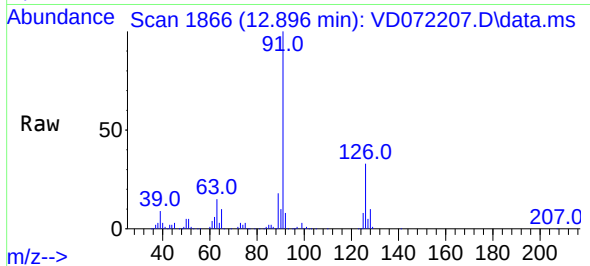
Tgt Ion: 91 Resp: 586490
Ion Ratio Lower Upper
91 100
120 22.4 10.9 32.9





#79
2-Chlorotoluene
Concen: 19.096 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

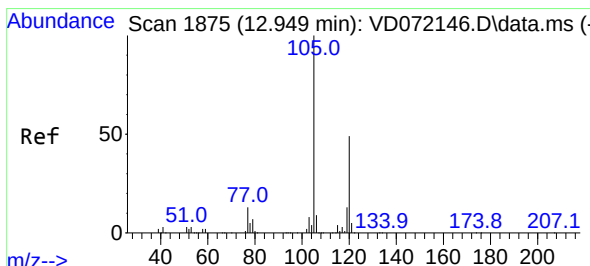
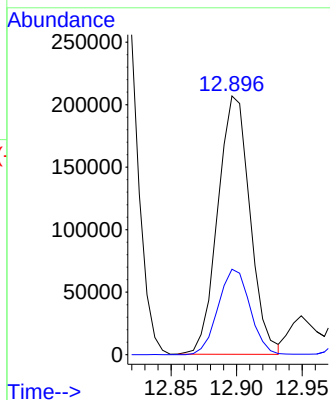
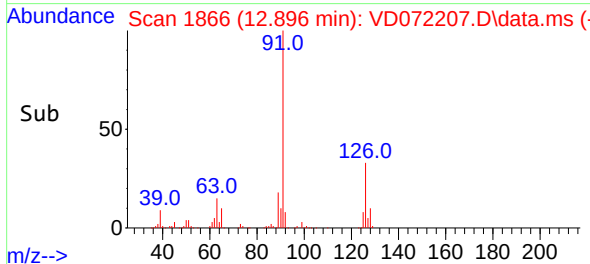
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD02



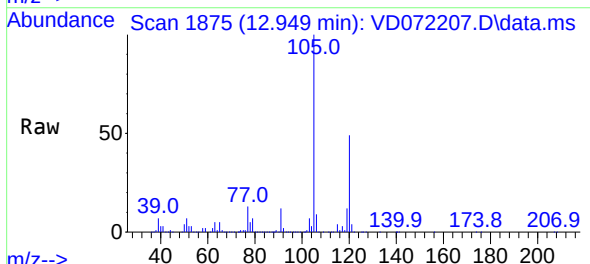
Tgt Ion: 91 Resp: 35321
Ion Ratio Lower Upper
91 100
126 32.8 16.2 48.6

Manual Integrations
APPROVED

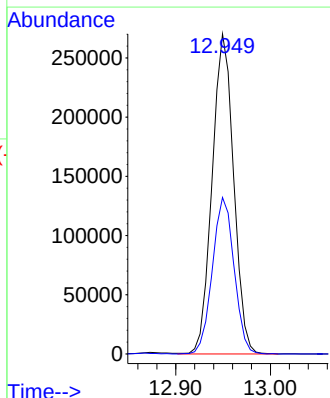
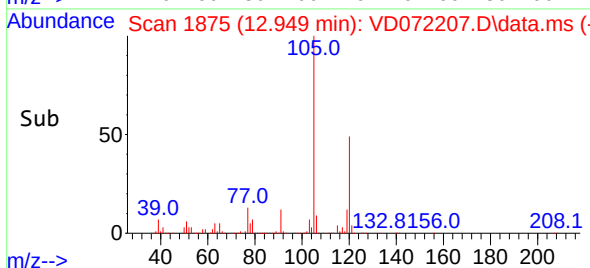
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

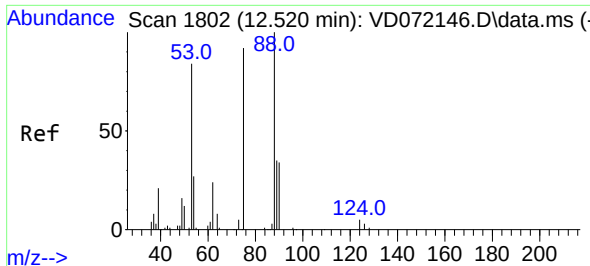


#80
1,3,5-Trimethylbenzene
Concen: 18.825 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47



Tgt Ion:105 Resp: 425885
Ion Ratio Lower Upper
105 100
120 49.3 24.3 72.8





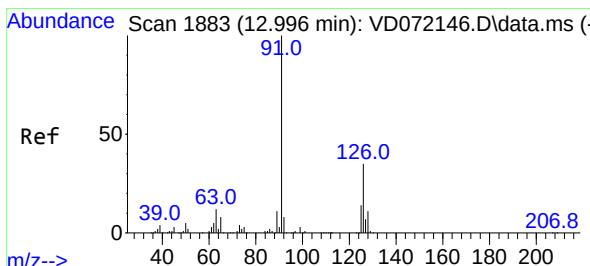
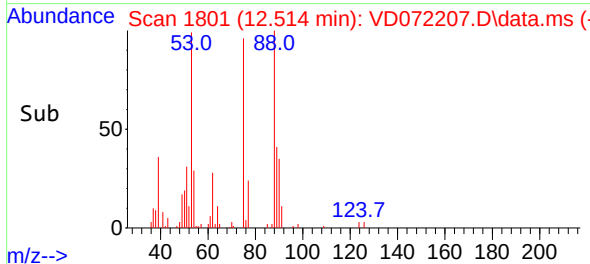
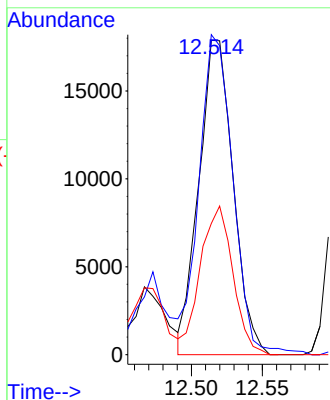
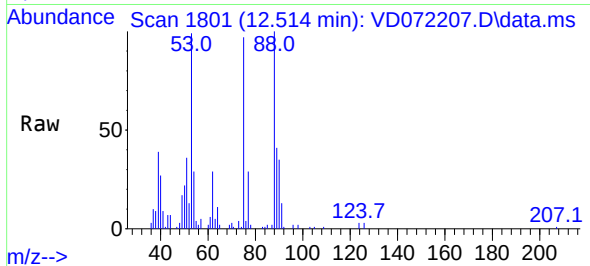
#81
trans-1,4-Dichloro-2-butene
Concen: 20.349 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD02

Tgt Ion: 75 Resp: 30064
Ion Ratio Lower Upper
75 100
53 100.2 86.5 129.7
89 45.0 33.9 50.9

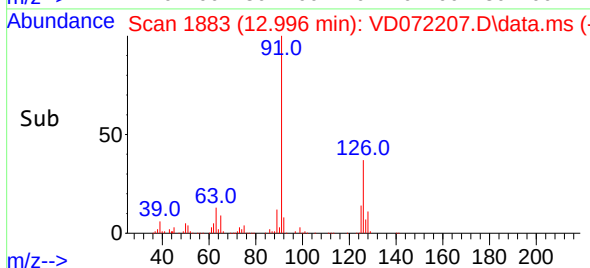
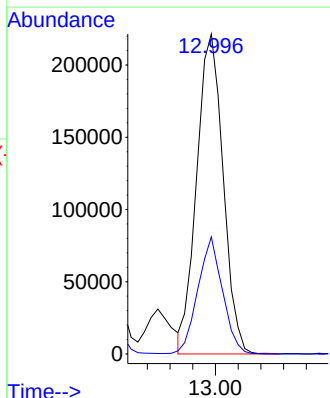
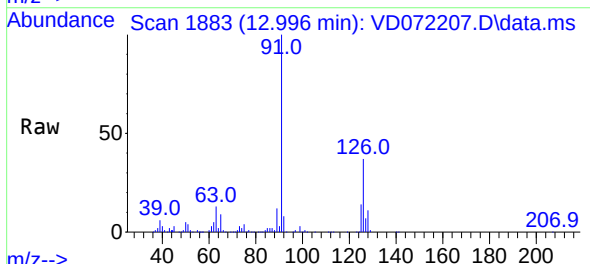
Manual Integrations
APPROVED

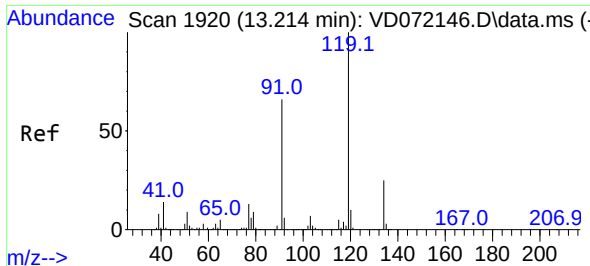
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#82
4-Chlorotoluene
Concen: 18.671 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

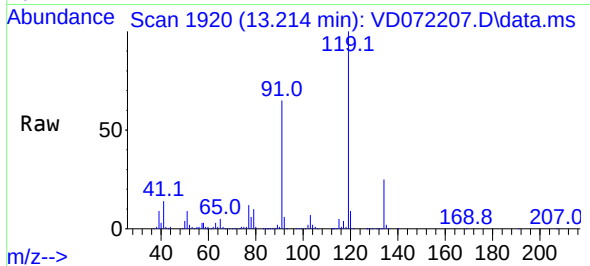
Tgt Ion: 91 Resp: 357581
Ion Ratio Lower Upper
91 100
126 34.2 16.5 49.5





#83
tert-Butylbenzene
Concen: 18.510 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

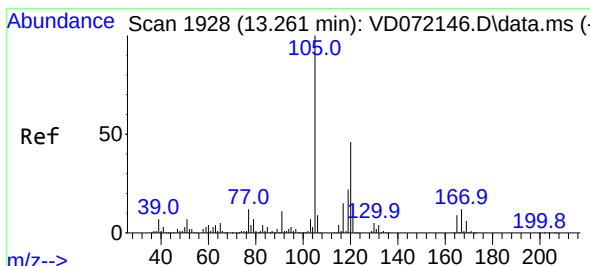
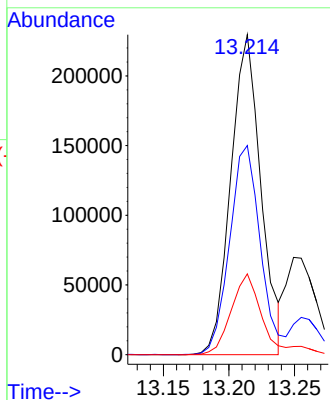
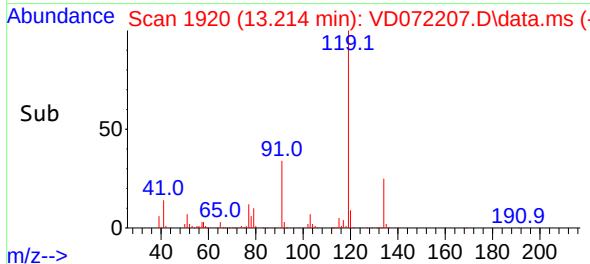
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD02



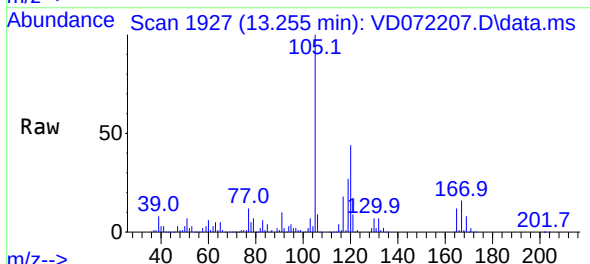
Tgt Ion:119 Resp: 367139
Ion Ratio Lower Upper
119 100
91 67.1 34.8 104.5
134 26.7 13.3 39.9

Manual Integrations
APPROVED

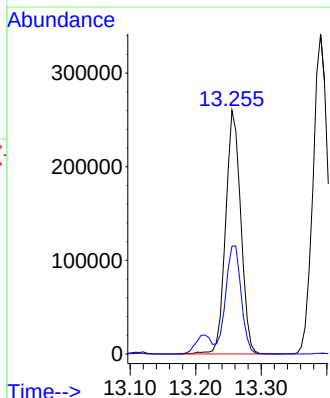
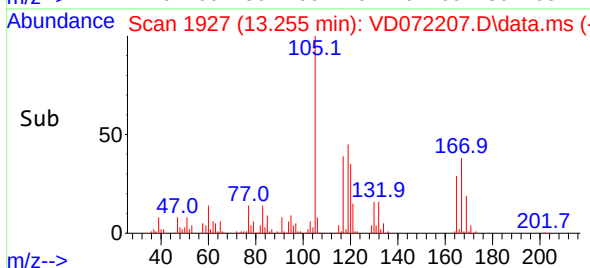
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

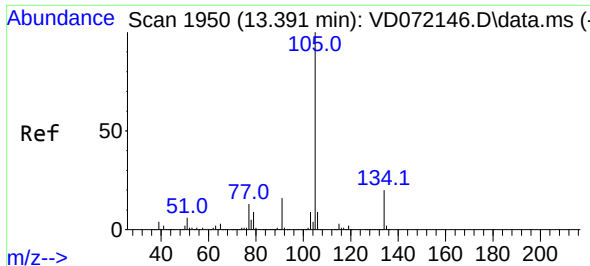


#84
1,2,4-Trimethylbenzene
Concen: 18.676 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47



Tgt Ion:105 Resp: 416308
Ion Ratio Lower Upper
105 100
120 46.0 22.3 66.8





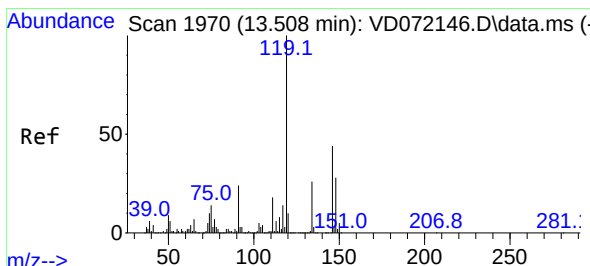
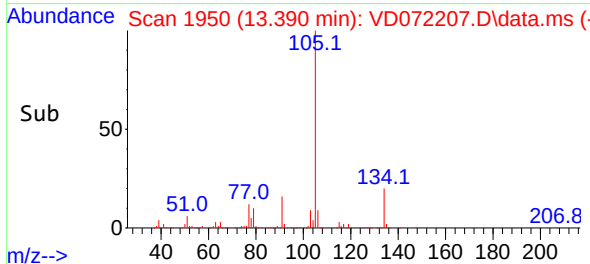
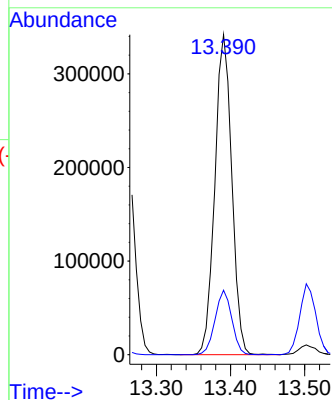
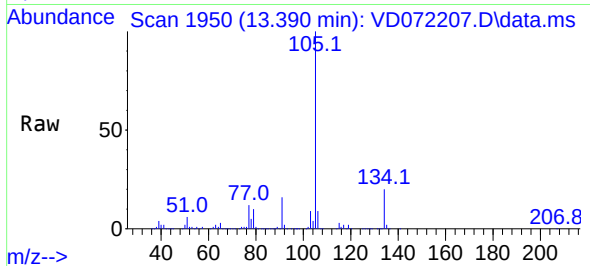
#85
 sec-Butylbenzene
 Concen: 18.213 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD072207.D
 Acq: 16 Mar 2022 00:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBS02

Tgt Ion:105 Resp: 542489
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

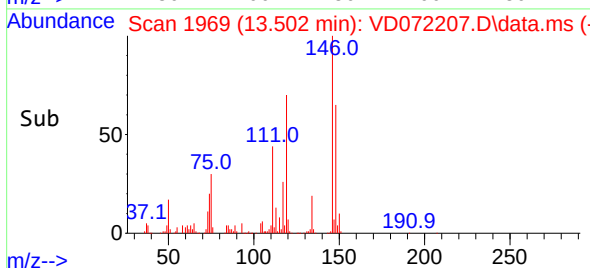
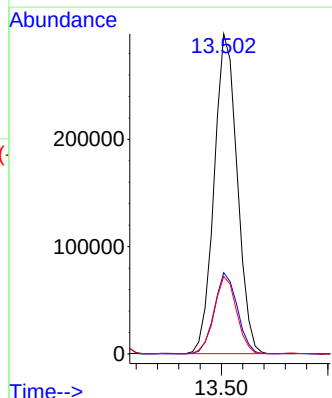
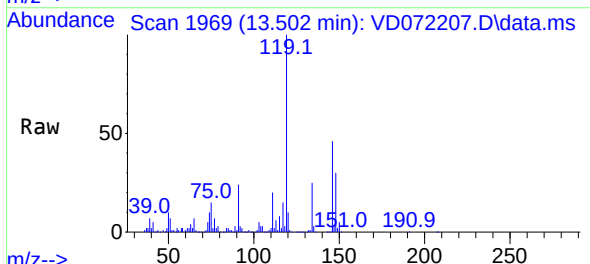
Manual Integrations
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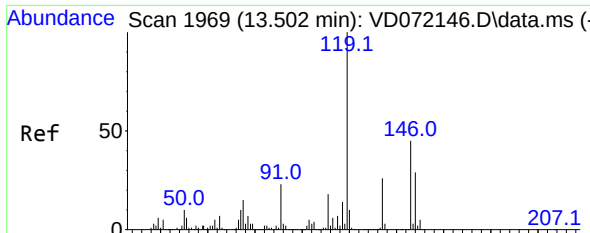
Reviewed By :John Carlone 03/16/2022
 Supervised By :Mahesh Dadoda 03/17/2022



#86
 p-Isopropyltoluene
 Concen: 18.225 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD072207.D
 Acq: 16 Mar 2022 00:47

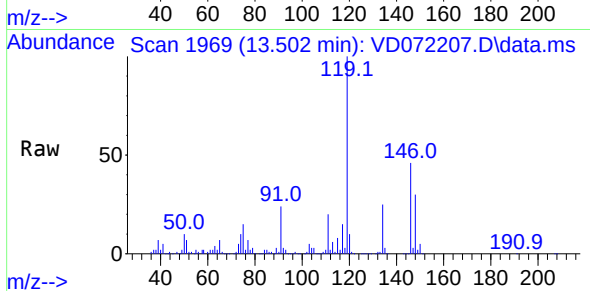
Tgt Ion:119 Resp: 446707
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.6
 91 23.6 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 18.727 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

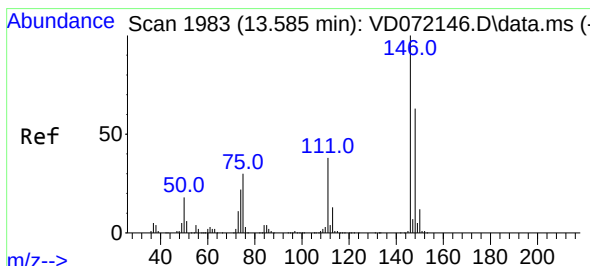
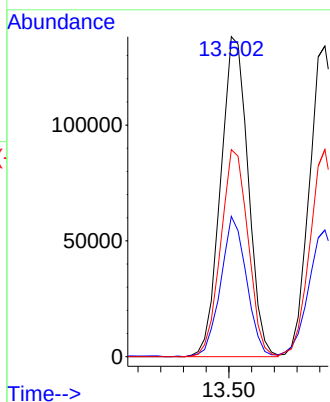
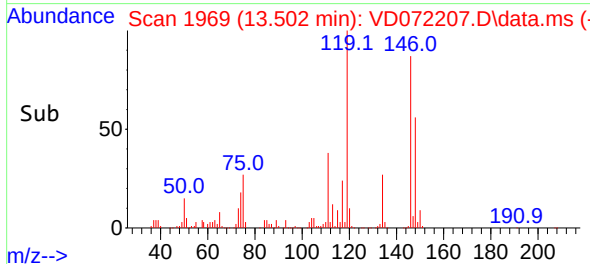
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02



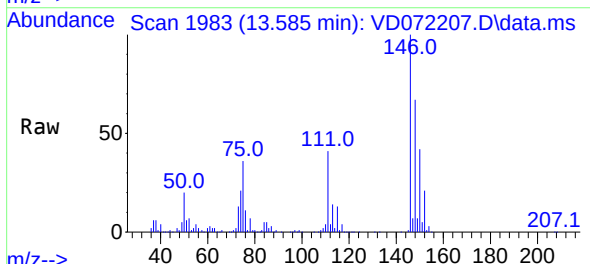
Tgt Ion:146 Resp: 23263
Ion Ratio Lower Upper
146 100
111 41.3 20.4 61.3
148 64.3 31.9 95.7

Manual Integrations
APPROVED

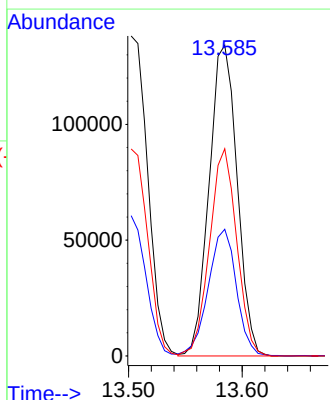
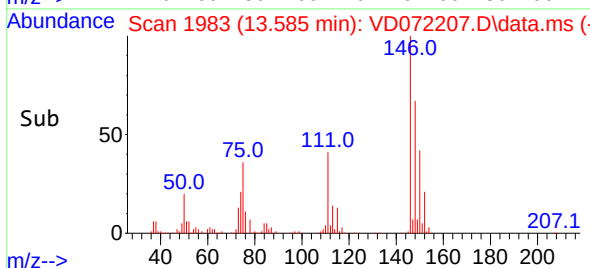
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

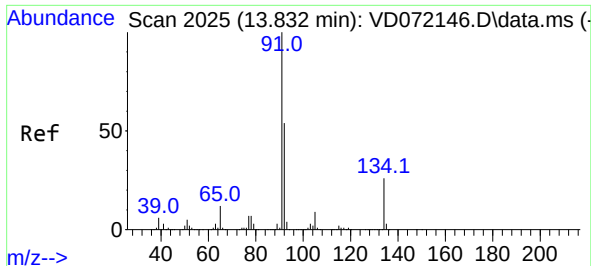


#88
1,4-Dichlorobenzene
Concen: 18.717 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47



Tgt Ion:146 Resp: 230557
Ion Ratio Lower Upper
146 100
111 41.0 20.3 60.9
148 64.5 31.7 95.1





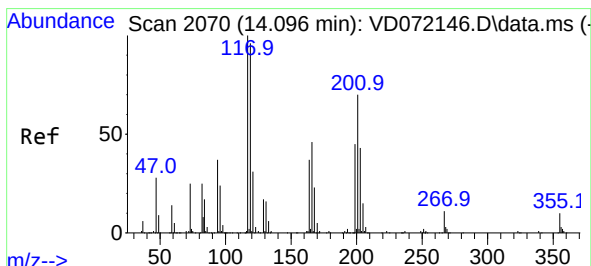
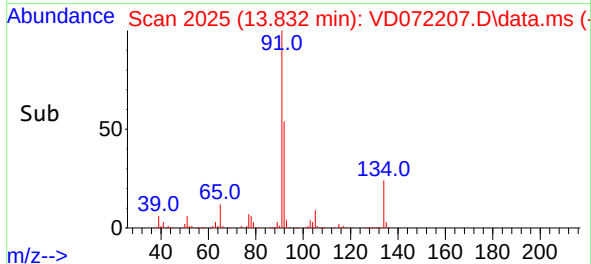
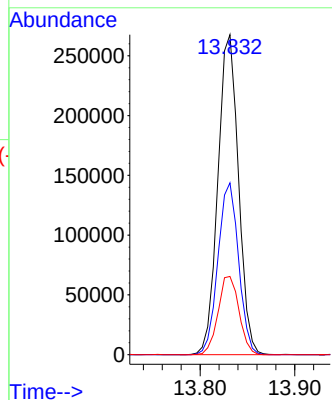
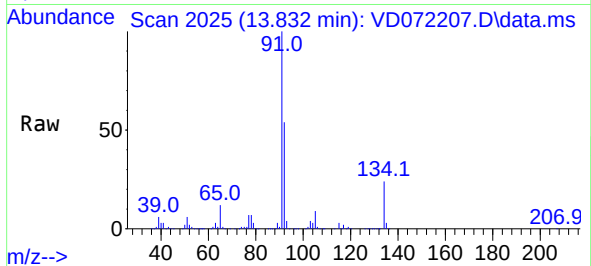
#89
n-Butylbenzene
Concen: 17.335 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD02

Tgt Ion: 91 Resp: 40499
Ion Ratio Lower Upper
91 100
92 53.8 26.6 79.8
134 24.9 12.3 36.9

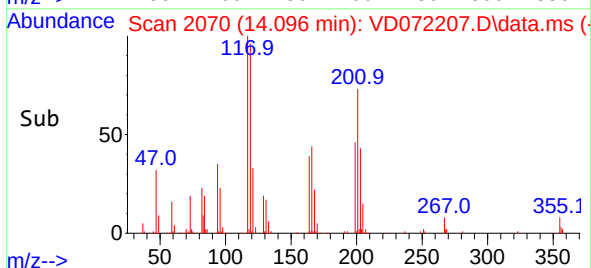
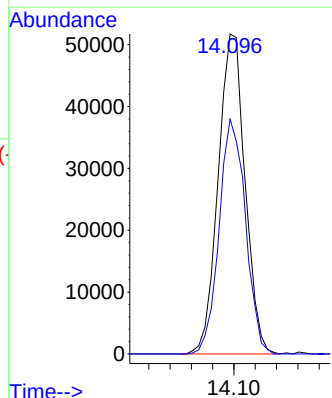
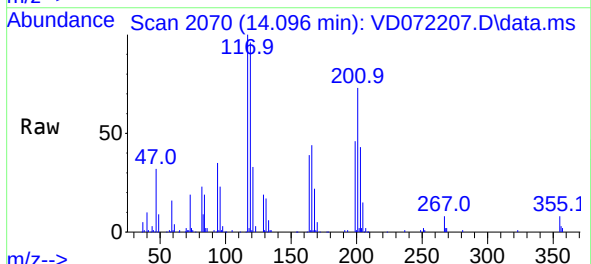
Manual Integrations
APPROVED

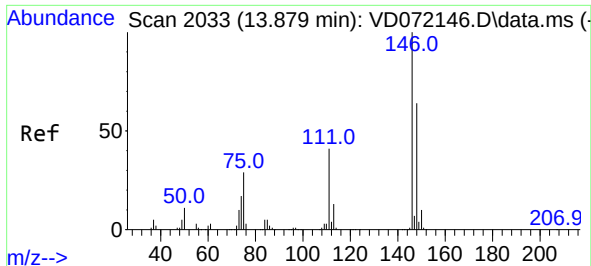
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#90
Hexachloroethane
Concen: 18.860 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

Tgt Ion:117 Resp: 90603
Ion Ratio Lower Upper
117 100
201 71.8 33.4 100.2





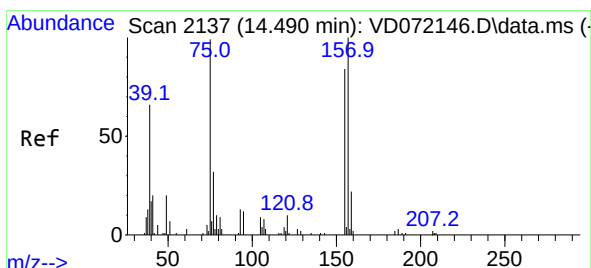
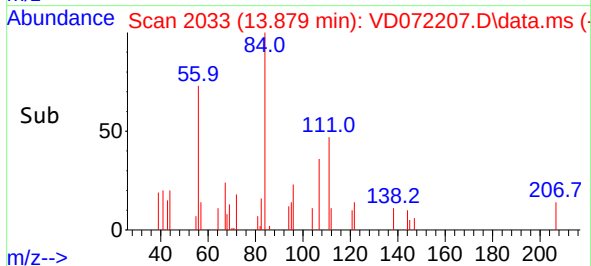
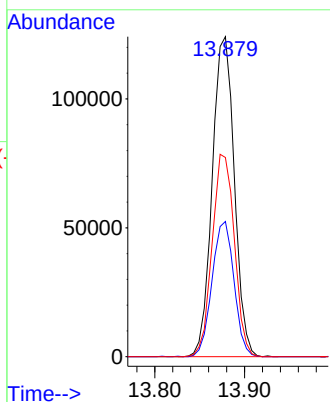
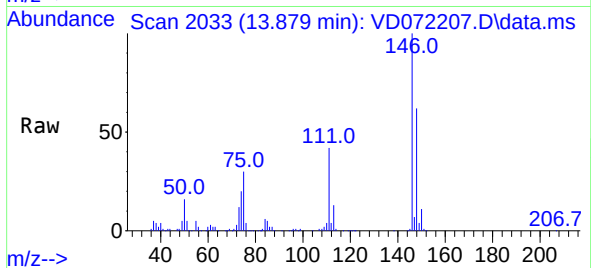
#91
1,2-Dichlorobenzene
Concen: 19.602 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD02

Tgt Ion:146 Resp: 21229
Ion Ratio Lower Upper
146 100
111 42.0 21.1 63.3
148 63.6 31.7 95.1

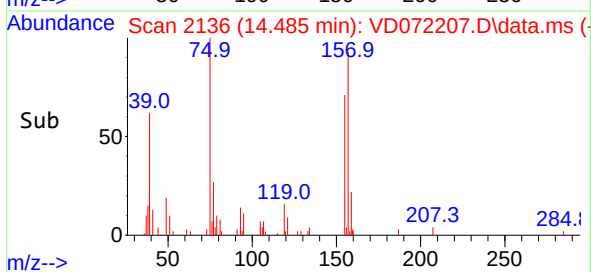
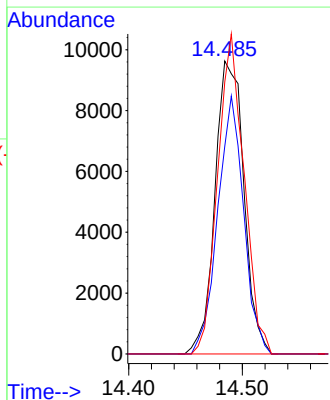
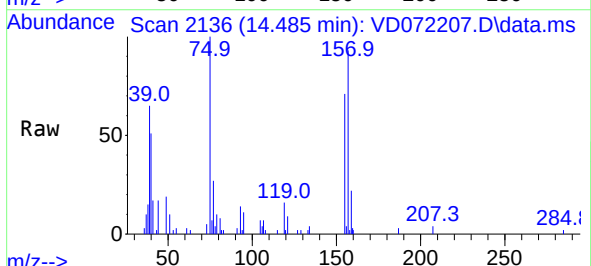
Manual Integrations
APPROVED

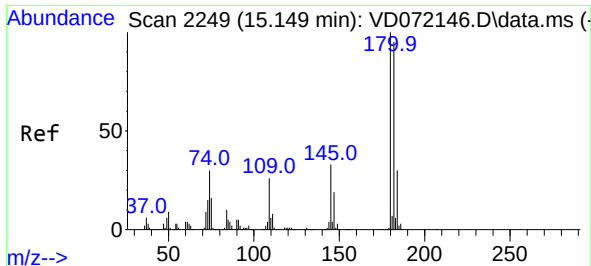
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.613 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

Tgt Ion: 75 Resp: 16997
Ion Ratio Lower Upper
75 100
155 79.1 36.8 110.3
157 100.0 48.4 145.0





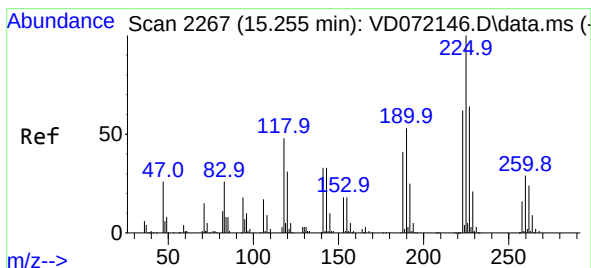
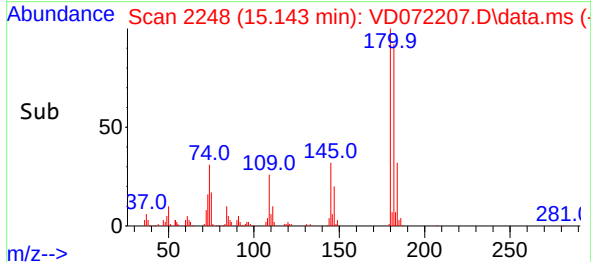
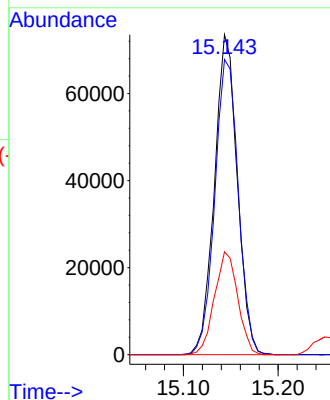
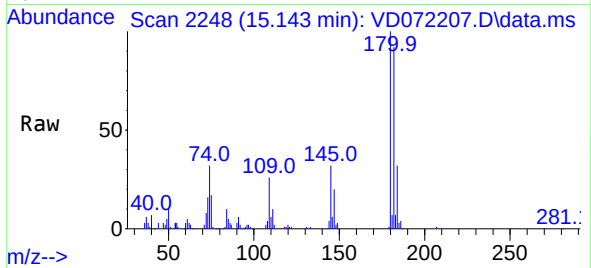
#93
1,2,4-Trichlorobenzene
Concen: 17.191 ug/l
RT: 15.143 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS02

Tgt Ion:180 Resp: 12326
Ion Ratio Lower Upper
180 100
182 95.0 47.3 142.0
145 32.8 16.2 48.5

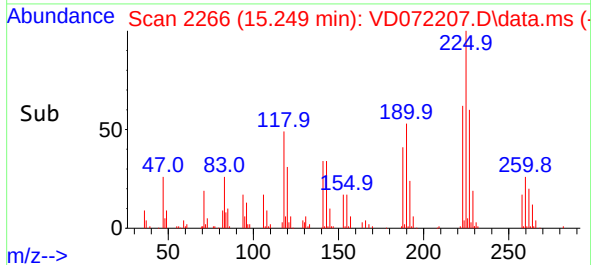
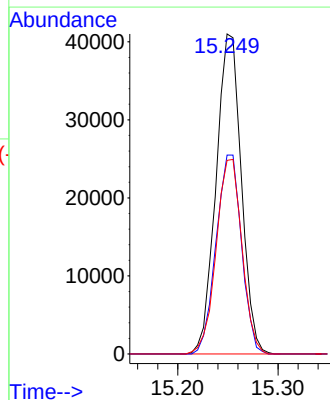
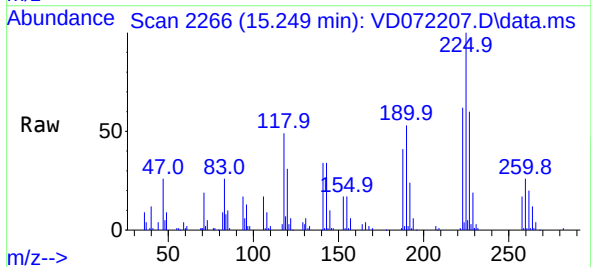
Manual Integrations
APPROVED

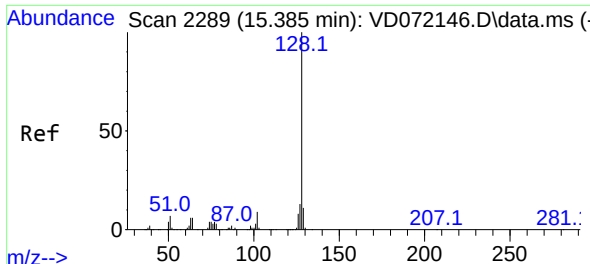
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#94
Hexachlorobutadiene
Concen: 17.209 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

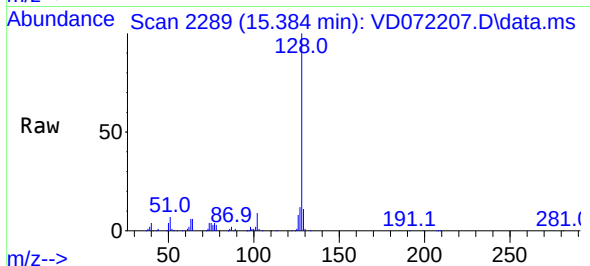
Tgt Ion:225 Resp: 71777
Ion Ratio Lower Upper
225 100
223 62.4 31.1 93.2
227 61.9 32.4 97.0





#95
Naphthalene
Concen: 20.198 ug/l
RT: 15.384 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47

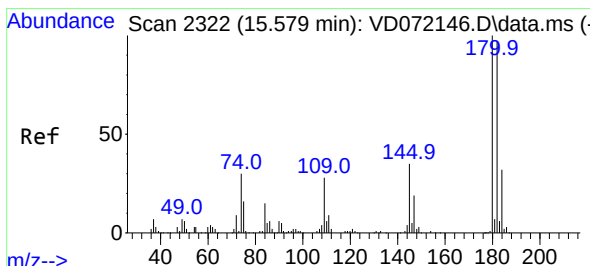
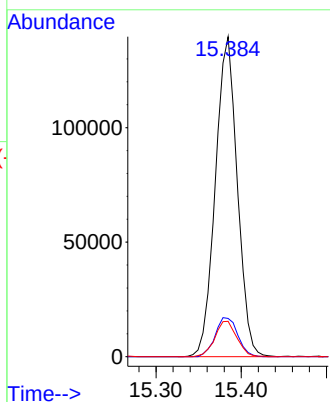
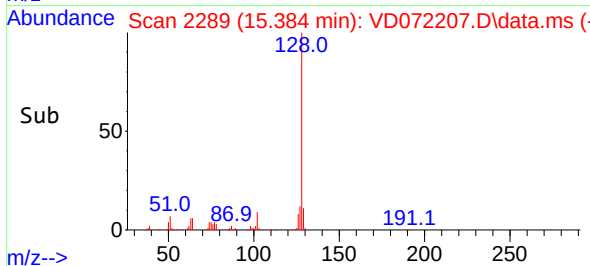
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD02



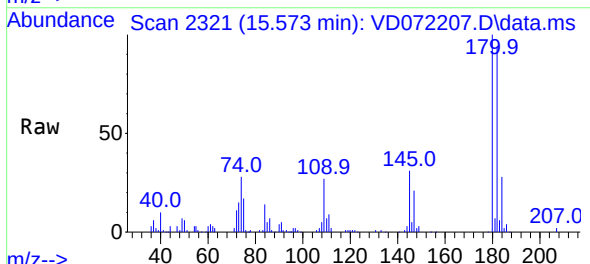
Tgt Ion:128 Resp: 249658
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.1 8.4 12.6

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 18.530 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD072207.D
Acq: 16 Mar 2022 00:47



Tgt Ion:180 Resp: 115006
Ion Ratio Lower Upper
180 100
182 95.3 47.6 142.9
145 34.0 17.1 51.3

