

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072284.D
 Acq On : 18 Mar 2022 12:28
 Operator : VA/SY
 Sample : VD0318SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBS01

Manual Integrations
 APPROVED

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

Quant Time: Mar 19 05:21:52 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	342077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	540693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	508575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	267971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	204023	53.518	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.040%			
35) Dibromofluoromethane	7.909	113	200155	52.605	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.200%			
50) Toluene-d8	10.332	98	741214	53.276	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.560%			
62) 4-Bromofluorobenzene	12.626	95	278965	51.605	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	59350	18.758	ug/l	99
3) Chloromethane	2.209	50	52659	18.730	ug/l	98
4) Vinyl Chloride	2.344	62	51536	18.990	ug/l	97
5) Bromomethane	2.750	94	36694	20.764	ug/l	99
6) Chloroethane	2.909	64	35577	19.827	ug/l	95
7) Trichlorofluoromethane	3.268	101	116122	18.947	ug/l	94
8) Diethyl Ether	3.703	74	32600	19.259	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.091	101	75567	19.337	ug/l	95
10) Methyl Iodide	4.291	142	41536	13.562	ug/l	99
11) Tert butyl alcohol	5.215	59	24819m	112.283	ug/l	
12) 1,1-Dichloroethene	4.056	96	56546	17.986	ug/l	84
13) Acrolein	3.926	56	18858	95.611	ug/l	94
14) Allyl chloride	4.715	41	102646	18.673	ug/l	94
15) Acrylonitrile	5.415	53	93313	109.254	ug/l	98
16) Acetone	4.150	43	87789	106.062	ug/l	94
17) Carbon Disulfide	4.403	76	91943	13.663	ug/l	99
18) Methyl Acetate	4.721	43	52563	25.913	ug/l	92
19) Methyl tert-butyl Ether	5.473	73	168594	19.730	ug/l	98
20) Methylene Chloride	4.950	84	101574	21.077	ug/l #	82
21) trans-1,2-Dichloroethene	5.468	96	62482	17.968	ug/l	95
22) Diisopropyl ether	6.362	45	263689	21.031	ug/l	93
23) Vinyl Acetate	6.303	43	610947	95.479	ug/l	98
24) 1,1-Dichloroethane	6.262	63	149174	20.174	ug/l	97
25) 2-Butanone	7.209	43	119893	108.637	ug/l	100
26) 2,2-Dichloropropane	7.203	77	125063	18.745	ug/l	94
27) cis-1,2-Dichloroethene	7.209	96	86475	19.478	ug/l	95
28) Bromochloromethane	7.538	49	62731	21.073	ug/l	88
29) Tetrahydrofuran	7.562	42	70405	108.493	ug/l	96
30) Chloroform	7.703	83	165096	20.958	ug/l	92
31) Cyclohexane	7.985	56	103547	17.385	ug/l #	83
32) 1,1,1-Trichloroethane	7.903	97	139286	19.908	ug/l	96
36) 1,1-Dichloropropene	8.109	75	98166	18.391	ug/l	99
37) Ethyl Acetate	7.291	43	51476	22.016	ug/l #	94
38) Carbon Tetrachloride	8.097	117	117336	19.338	ug/l	97
39) Methylcyclohexane	9.350	83	101933	16.970	ug/l	98
40) Benzene	8.344	78	297415	19.531	ug/l	100

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
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Manual Integrations
 APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	31303	22.969	ug/l	90
42) 1,2-Dichloroethane	8.420	62	97452	21.096	ug/l	99
43) Isopropyl Acetate	8.444	43	95584	21.062	ug/l	94
44) Trichloroethene	9.109	130	83204	19.463	ug/l	96
45) 1,2-Dichloropropane	9.385	63	87241	20.889	ug/l	97
46) Dibromomethane	9.467	93	43466	21.158	ug/l	95
47) Bromodichloromethane	9.656	83	131803	22.008	ug/l	91
48) Methyl methacrylate	9.450	41	47844	22.079	ug/l	96
49) 1,4-Dioxane	9.456	88	9780	396.992	ug/l #	90
51) 4-Methyl-2-Pentanone	10.220	43	269458	113.046	ug/l	98
52) Toluene	10.397	92	196256	19.586	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	110966	20.280	ug/l	95
54) cis-1,3-Dichloropropene	10.085	75	128074	20.247	ug/l	93
55) 1,1,2-Trichloroethane	10.791	97	68229	21.802	ug/l	97
56) Ethyl methacrylate	10.656	69	74997	20.460	ug/l	91
57) 1,3-Dichloropropane	10.938	76	111710	21.269	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	157415	95.511	ug/l	100
59) 2-Hexanone	10.979	43	185023	112.388	ug/l	97
60) Dibromochloromethane	11.132	129	87948	21.657	ug/l	98
61) 1,2-Dibromoethane	11.238	107	59429	21.015	ug/l	99
64) Tetrachloroethene	10.873	164	68166	19.023	ug/l	94
65) Chlorobenzene	11.661	112	226943	20.128	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	93123	20.886	ug/l	99
67) Ethyl Benzene	11.738	91	395589	19.644	ug/l	99
68) m/p-Xylenes	11.844	106	307199	40.175	ug/l	99
69) o-Xylene	12.173	106	144937	19.816	ug/l	96
70) Styrene	12.185	104	259576	20.324	ug/l	99
71) Bromoform	12.350	173	51186	21.492	ug/l #	95
73) Isopropylbenzene	12.467	105	409225	19.271	ug/l	100
74) N-amyl acetate	12.279	43	99039	21.702	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	81746	21.524	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	63512m	21.486	ug/l	
77) Bromobenzene	12.749	156	97390	20.376	ug/l	93
78) n-propylbenzene	12.808	91	516870	20.039	ug/l	100
79) 2-Chlorotoluene	12.897	91	299426	20.075	ug/l	98
80) 1,3,5-Trimethylbenzene	12.950	105	369584	20.259	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	22889	19.212	ug/l	96
82) 4-Chlorotoluene	12.997	91	314235	20.348	ug/l	100
83) tert-Butylbenzene	13.214	119	311627	19.484	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	368039	20.475	ug/l	100
85) sec-Butylbenzene	13.391	105	480915	20.022	ug/l	99
86) p-Isopropyltoluene	13.502	119	400084	20.242	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	205877	20.553	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	202837	20.420	ug/l	98
89) n-Butylbenzene	13.832	91	381337	20.242	ug/l	99
90) Hexachloroethane	14.097	117	78263	20.203	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	181403	20.771	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.491	75	11905	19.642	ug/l	84
93) 1,2,4-Trichlorobenzene	15.144	180	114761	19.848	ug/l	99
94) Hexachlorobutadiene	15.249	225	67558	20.086	ug/l	98
95) Naphthalene	15.385	128	194508	19.515	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	99472	19.875	ug/l	99

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MSVOA_D
ClientSampleId :
VD0318SBS01

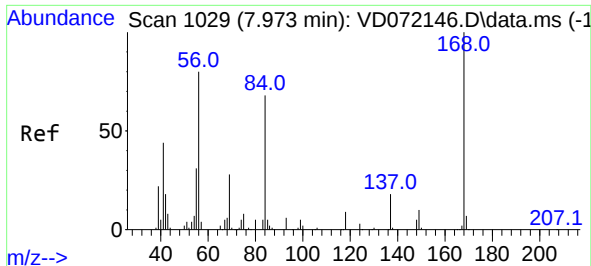
Manual Integrations
APPROVED

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

Quant Time: Mar 19 05:21:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

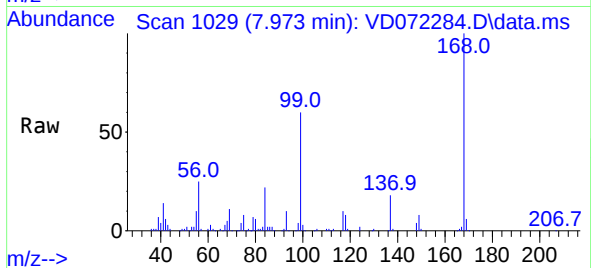
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072284.D
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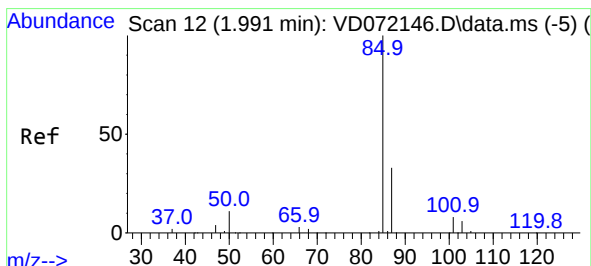
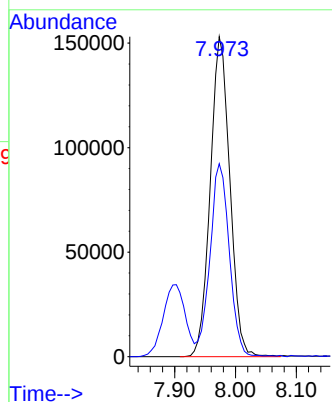
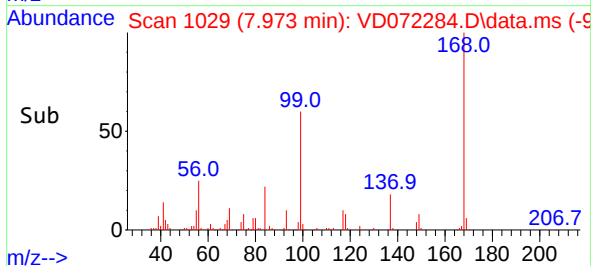
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



Tgt Ion:168 Resp: 34207
Ion Ratio Lower Upper
168 100
99 59.9 49.8 74.6

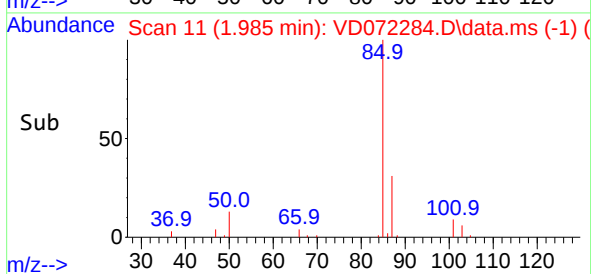
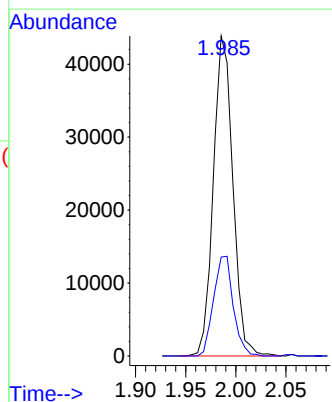
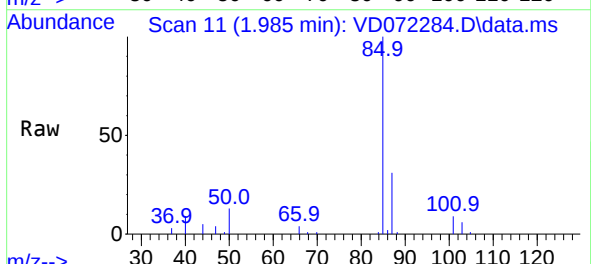
Manual Integrations
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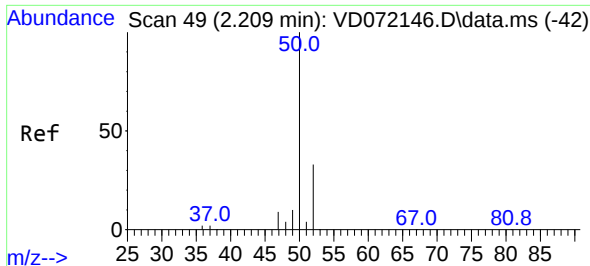
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



Dichlorodifluoromethane
Concen: 18.758 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

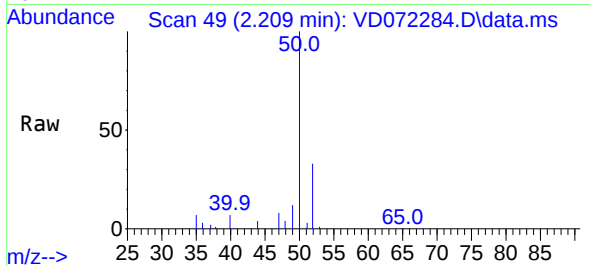
Tgt Ion: 85 Resp: 59350
Ion Ratio Lower Upper
85 100
87 30.9 15.7 47.0





#3
Chloromethane
Concen: 18.730 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

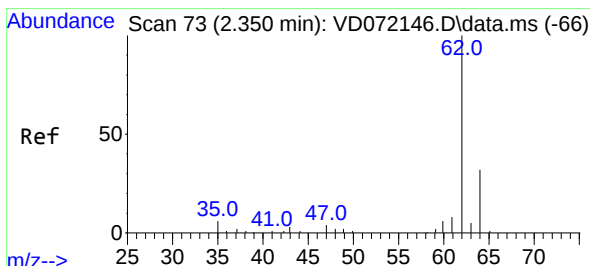
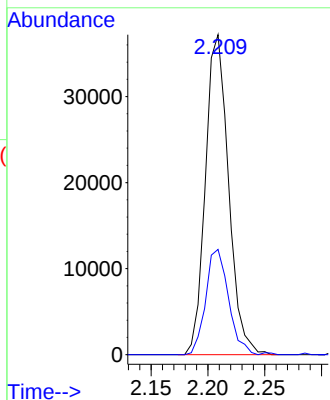
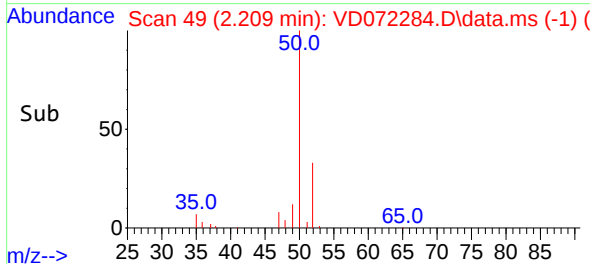
Instrument :
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ClientSampleId :
VD0318SBS01



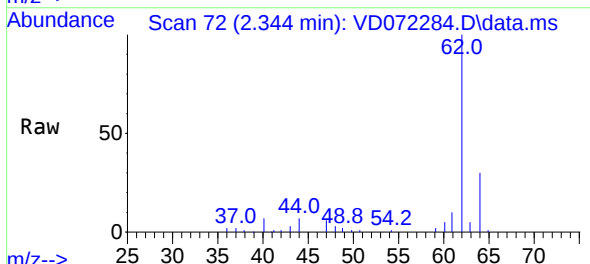
Tgt Ion: 50 Resp: 5265
Ion Ratio Lower Upper
50 100
52 32.9 27.4 41.0

Manual Integrations
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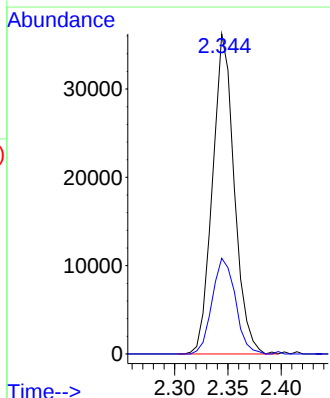
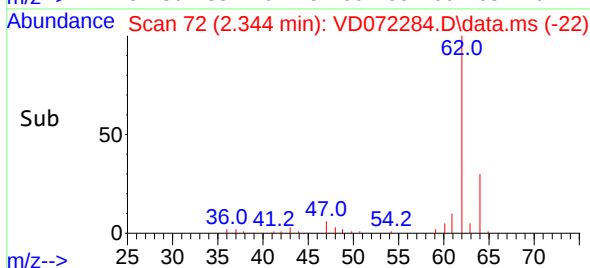
Reviewed By :John Carlone 03/21/2022
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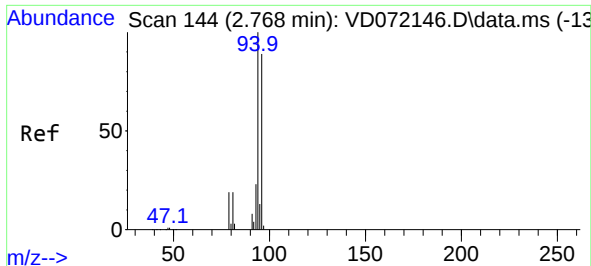


#4
Vinyl Chloride
Concen: 18.990 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28



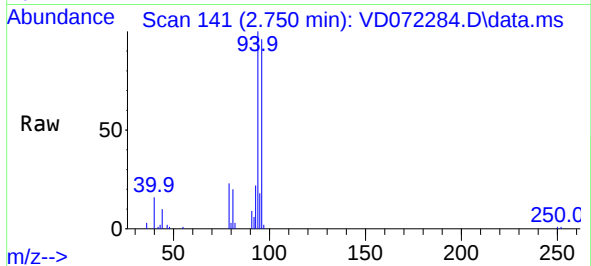
Tgt Ion: 62 Resp: 51536
Ion Ratio Lower Upper
62 100
64 29.9 25.4 38.0





#5
Bromomethane
Concen: 20.764 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

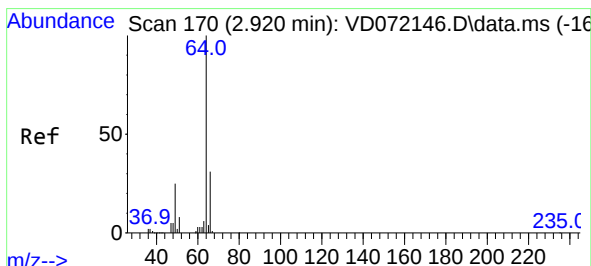
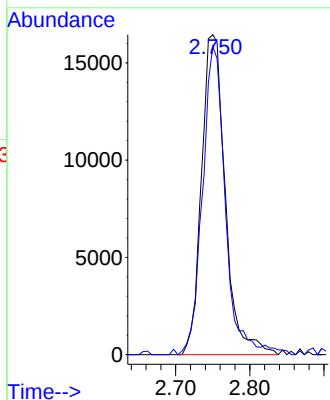
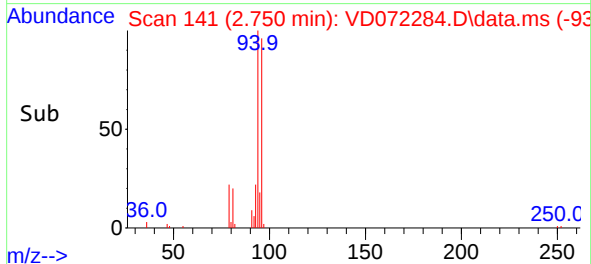
Instrument :
MSVOA_D
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Tgt Ion: 94 Resp: 36694
Ion Ratio Lower Upper
94 100
96 96.3 77.6 116.4

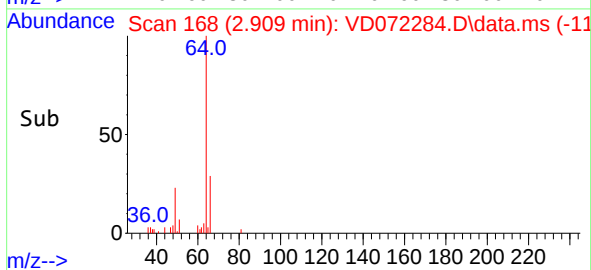
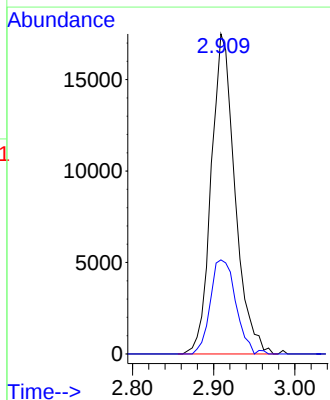
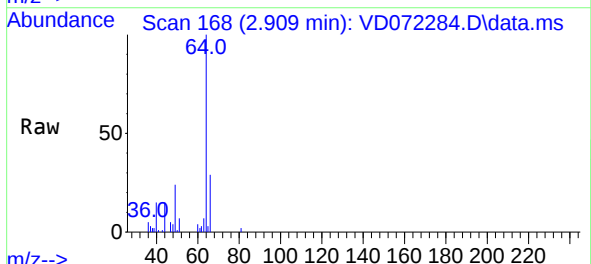
Manual Integrations
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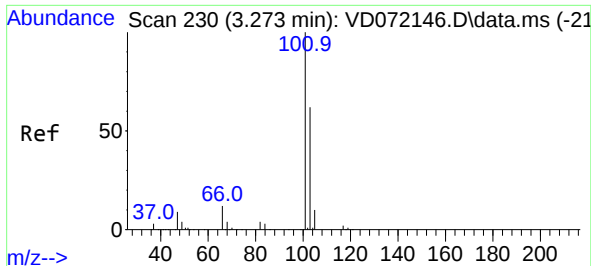
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#6
Chloroethane
Concen: 19.827 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

Tgt Ion: 64 Resp: 35577
Ion Ratio Lower Upper
64 100
66 29.4 25.9 38.9





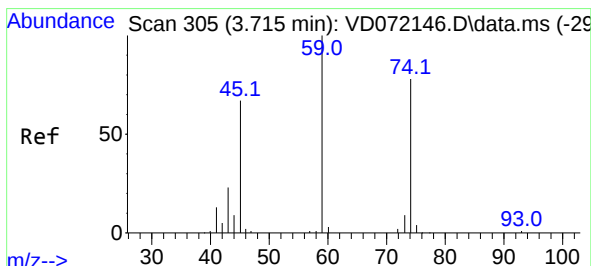
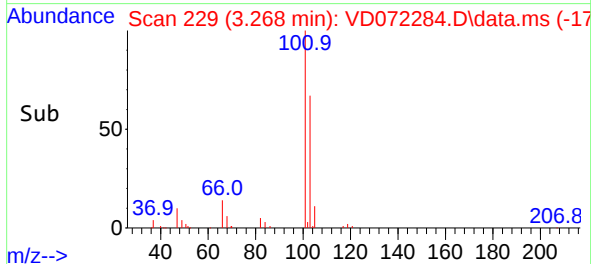
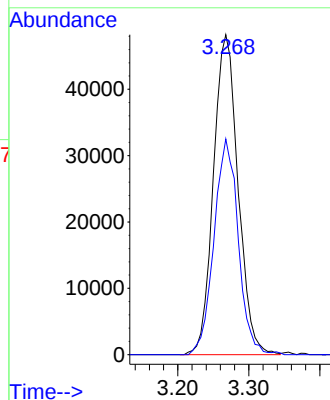
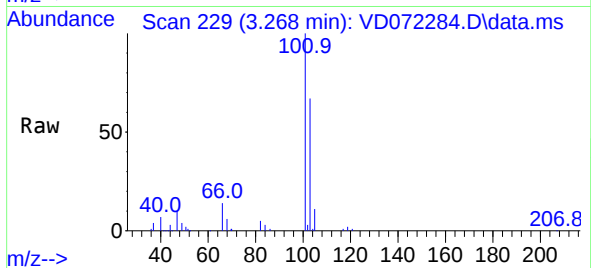
#7
Trichlorofluoromethane
Concen: 18.947 ug/l
RT: 3.268 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

Tgt Ion:101 Resp: 11612
Ion Ratio Lower Upper
101 100
103 67.4 50.1 75.1

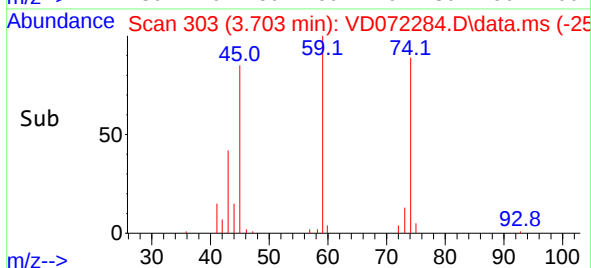
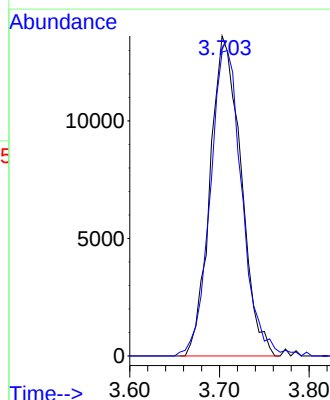
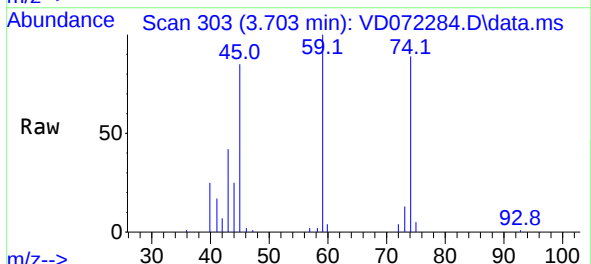
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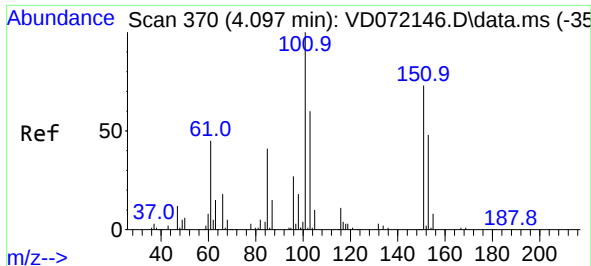
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#8
Diethyl Ether
Concen: 19.259 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.012 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

Tgt Ion: 74 Resp: 32600
Ion Ratio Lower Upper
74 100
45 98.8 52.6 157.8





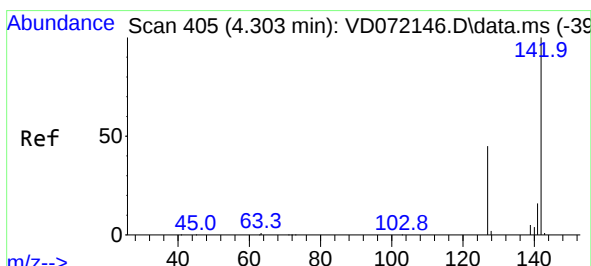
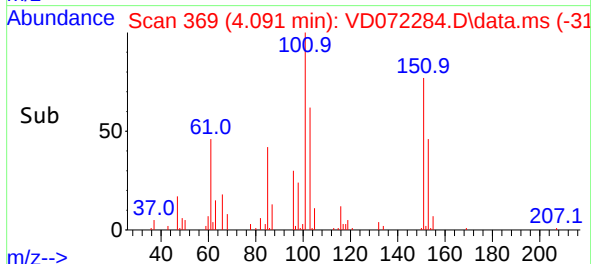
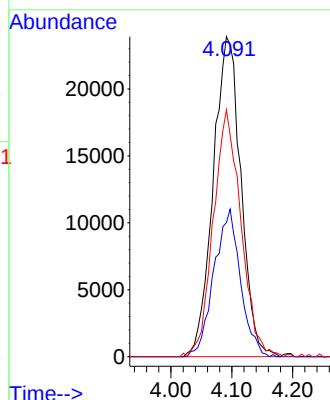
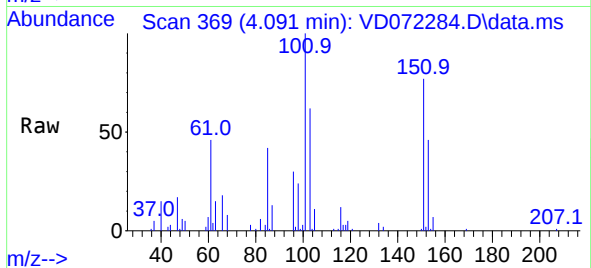
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.337 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

Tgt Ion:101 Resp: 7556
Ion Ratio Lower Upper
101 100
85 44.0 36.4 54.6
151 76.8 57.3 85.9

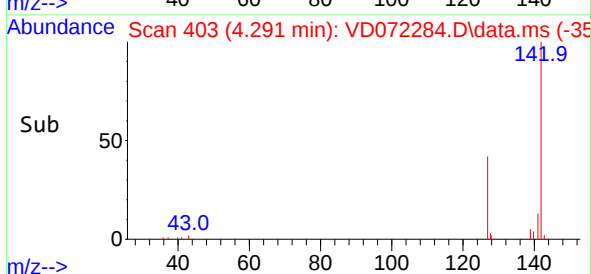
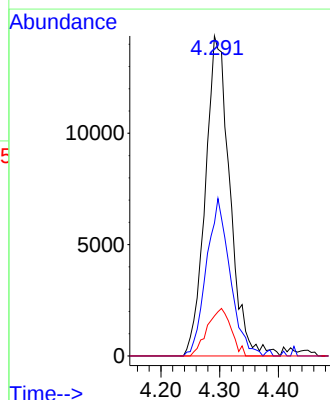
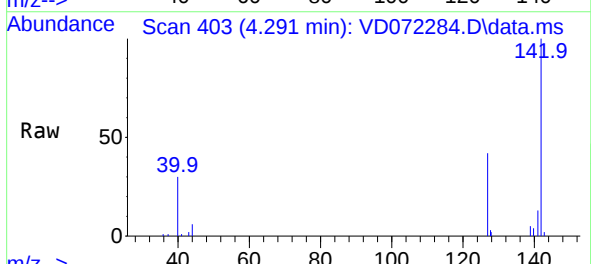
Manual Integrations
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Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#10
Methyl Iodide
Concen: 13.562 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.012 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

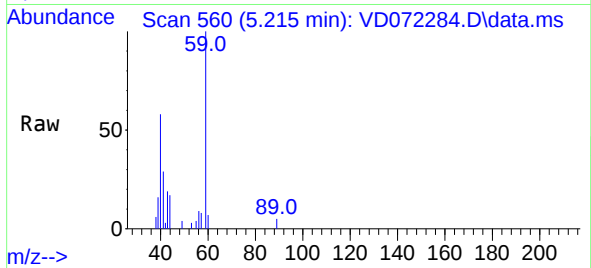
Tgt Ion:142 Resp: 41536
Ion Ratio Lower Upper
142 100
127 47.7 37.3 55.9
141 14.4 11.7 17.5





#11
Tert butyl alcohol
Concen: 112.283 ug/l m
RT: 5.215 min Scan# 5
Delta R.T. 0.006 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

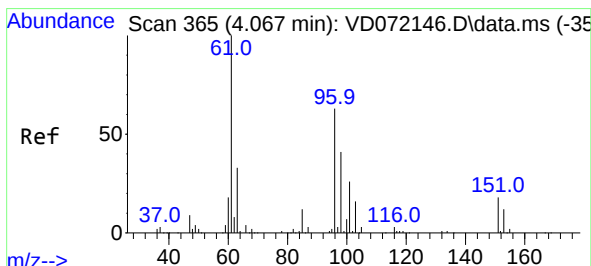
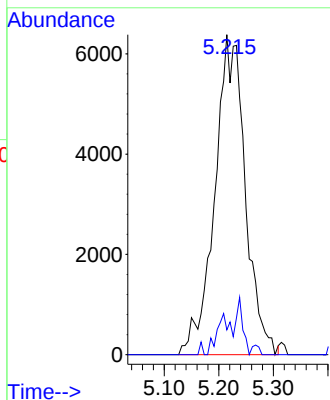
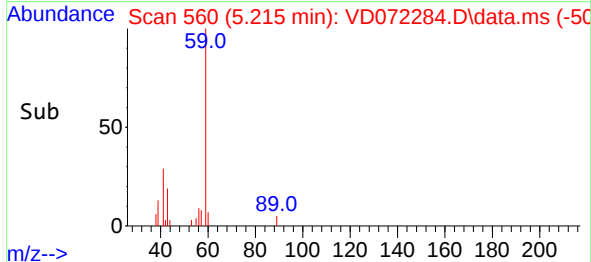
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



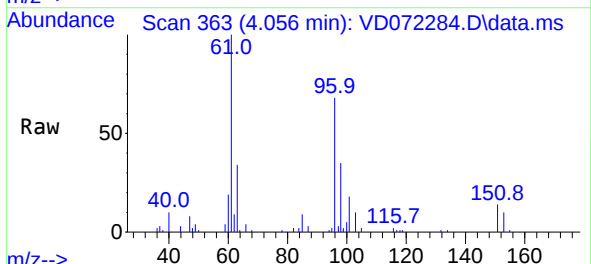
Tgt Ion: 59 Resp: 24819
Ion Ratio Lower Upper
59 100
57 5.7 7.8 11.6

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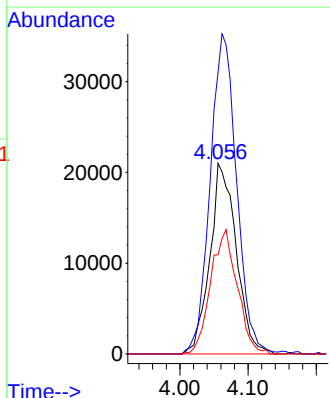
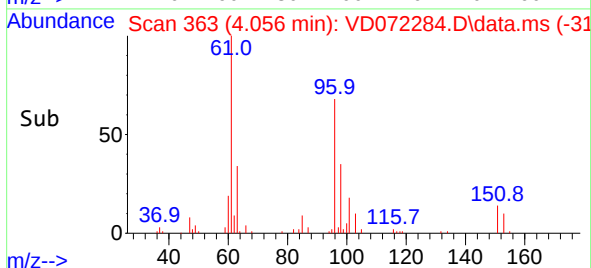
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

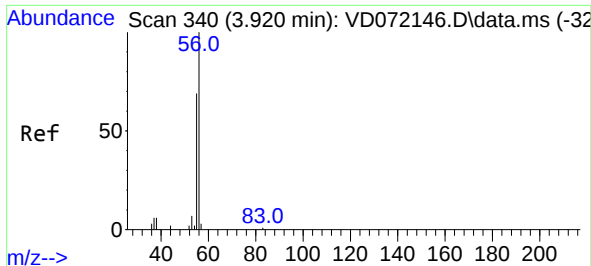


#12
1,1-Dichloroethene
Concen: 17.986 ug/l
RT: 4.056 min Scan# 363
Delta R.T. -0.012 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28



Tgt Ion: 96 Resp: 56546
Ion Ratio Lower Upper
96 100
61 147.8 138.5 207.7
98 52.1 48.6 73.0





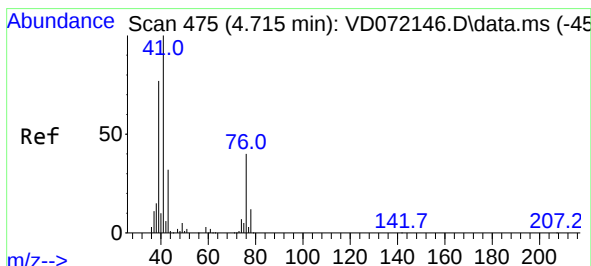
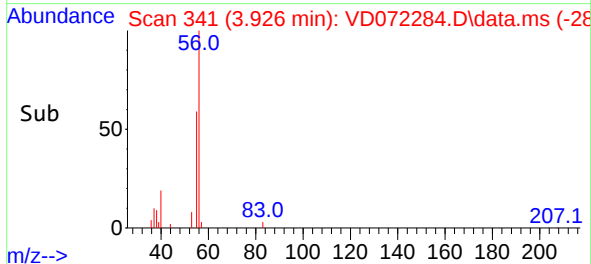
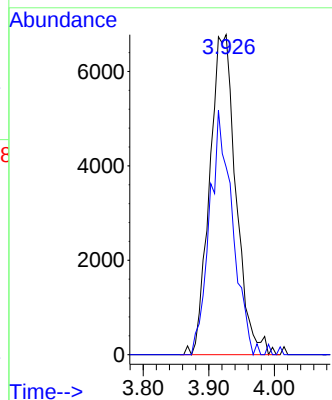
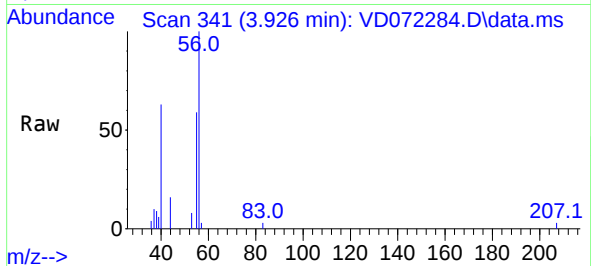
#13
Acrolein
Concen: 95.611 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

Tgt Ion: 56 Resp: 1885
Ion Ratio Lower Upper
56 100
55 66.5 57.1 85.7

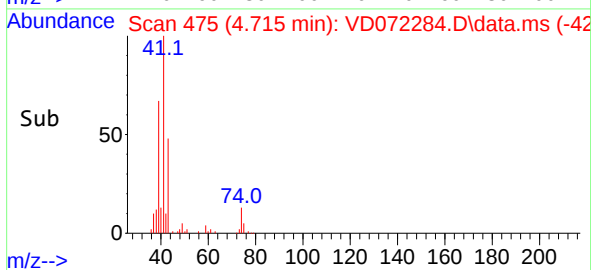
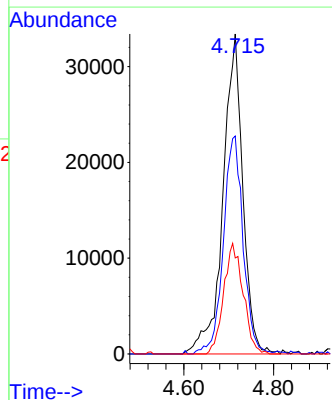
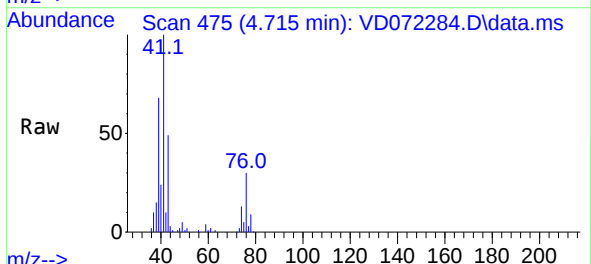
Manual Integrations
APPROVED

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



#14
Allyl chloride
Concen: 18.673 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

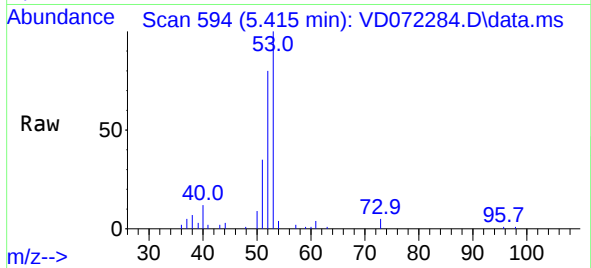
Tgt Ion: 41 Resp: 102646
Ion Ratio Lower Upper
41 100
39 67.9 59.3 88.9
76 34.0 25.7 38.5





#15
Acrylonitrile
Concen: 109.254 ug/l
RT: 5.415 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

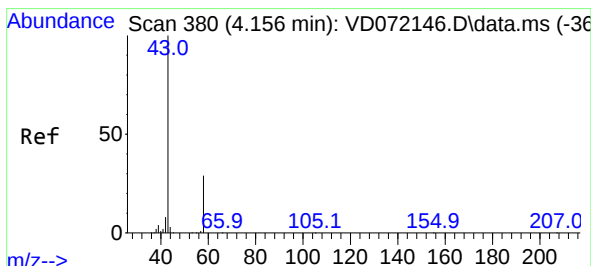
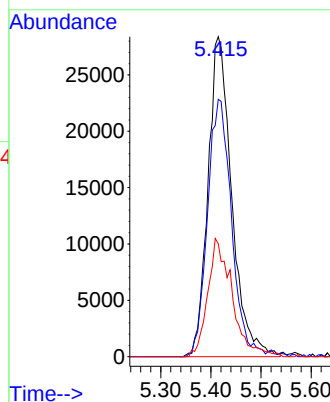
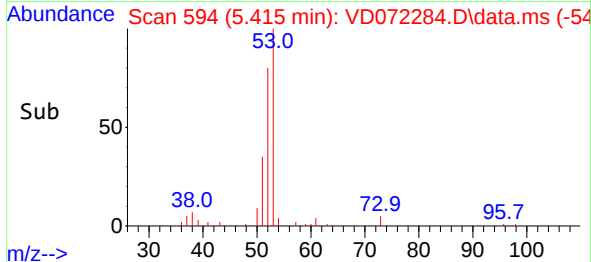
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



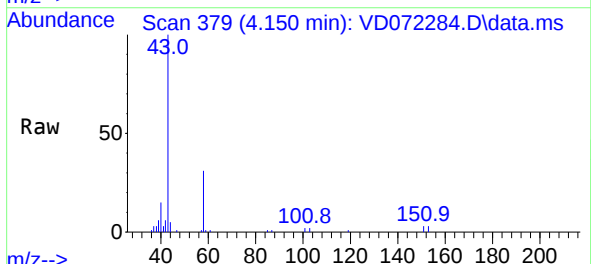
Tgt Ion: 53 Resp: 9331
Ion Ratio Lower Upper
53 100
52 81.3 67.2 100.8
51 38.1 30.3 45.5

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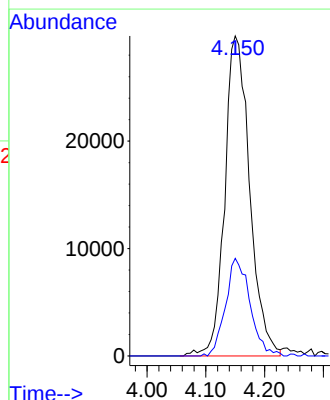
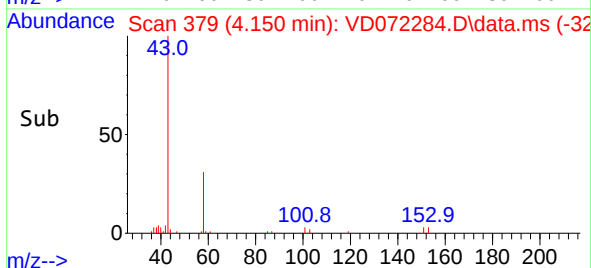
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

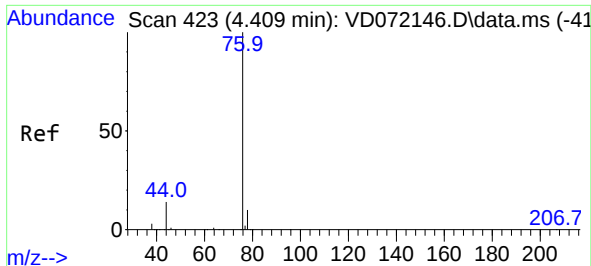


#16
Acetone
Concen: 106.062 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28



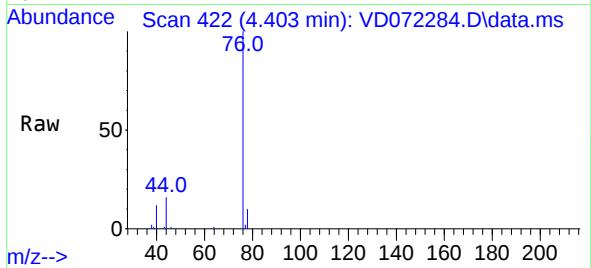
Tgt Ion: 43 Resp: 87789
Ion Ratio Lower Upper
43 100
58 30.5 22.1 33.1





#17
Carbon Disulfide
Concen: 13.663 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

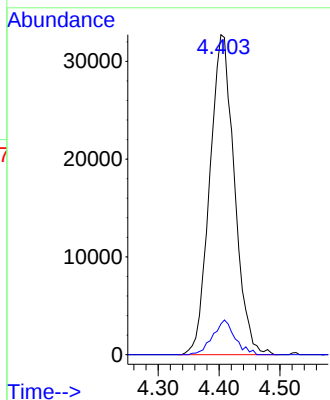
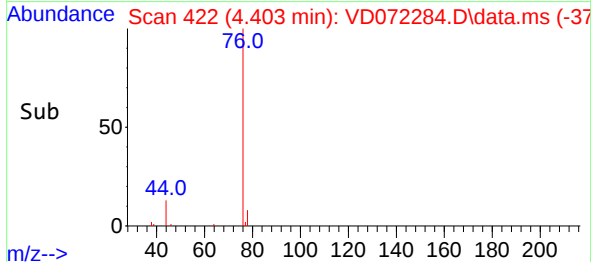
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



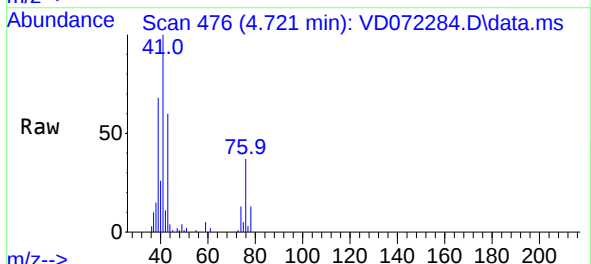
Tgt Ion: 76 Resp: 9194
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3

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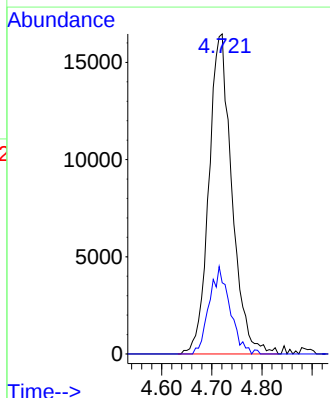
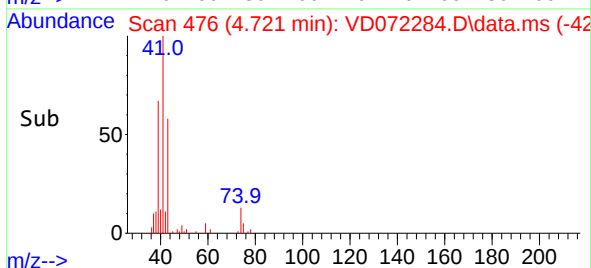
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

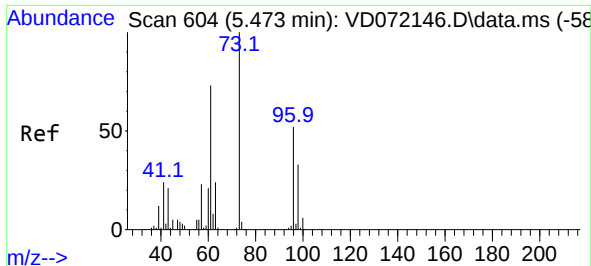


#18
Methyl Acetate
Concen: 25.913 ug/l
RT: 4.721 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28



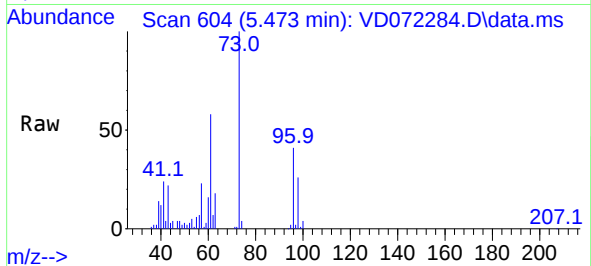
Tgt Ion: 43 Resp: 52563
Ion Ratio Lower Upper
43 100
74 24.4 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 19.730 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

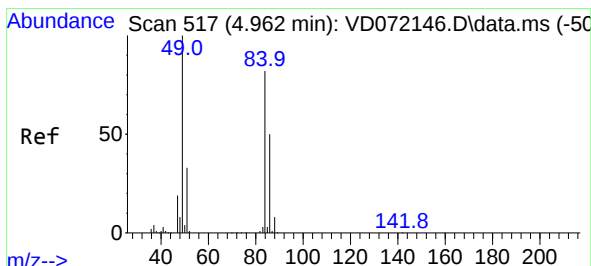
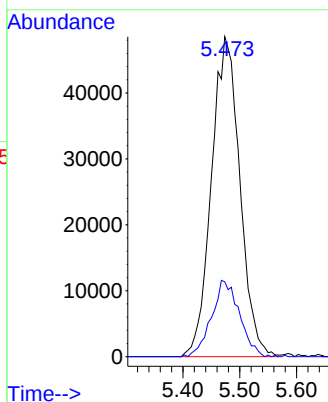
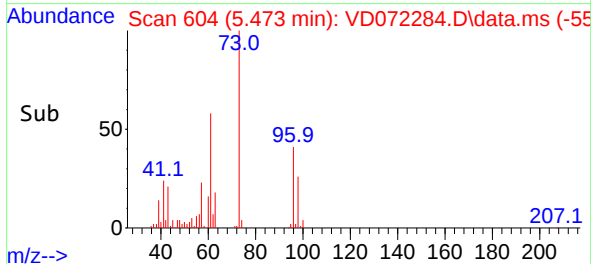
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



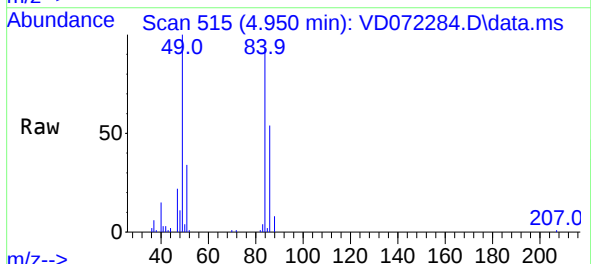
Tgt Ion: 73 Resp: 168594
Ion Ratio Lower Upper
73 100
57 23.4 18.0 27.0

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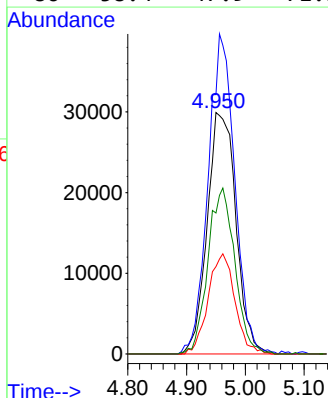
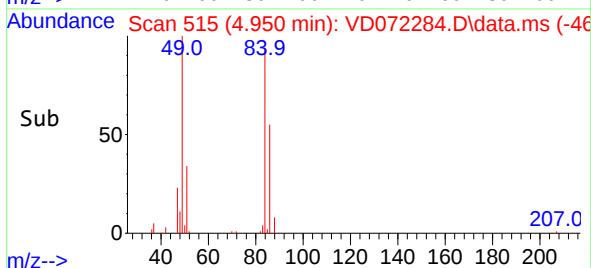
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

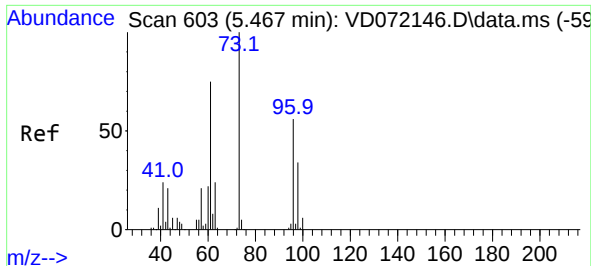


#20
Methylene Chloride
Concen: 21.077 ug/l
RT: 4.950 min Scan# 515
Delta R.T. -0.012 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28



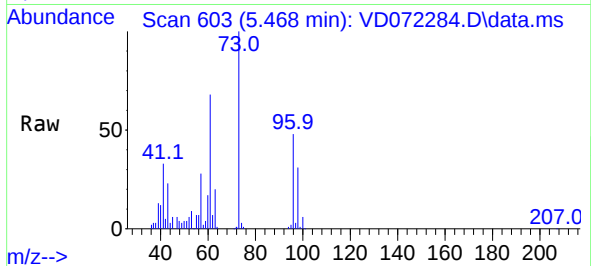
Tgt Ion: 84 Resp: 101574
Ion Ratio Lower Upper
84 100
49 107.4 112.8 169.2#
51 36.2 32.6 48.8
86 58.4 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 17.968 ug/l
RT: 5.468 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

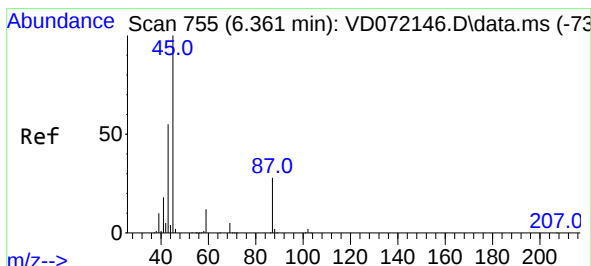
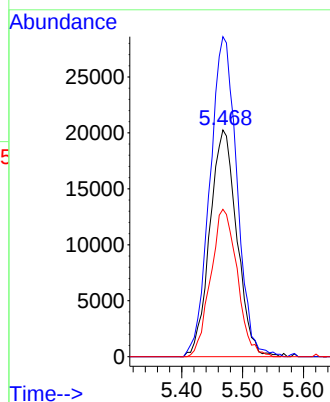
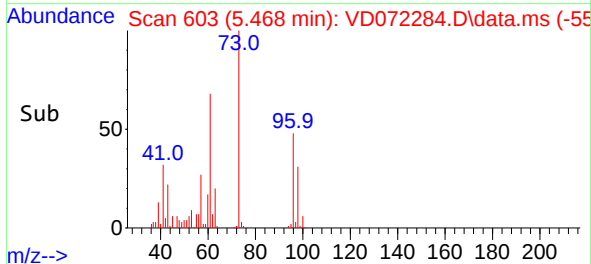
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



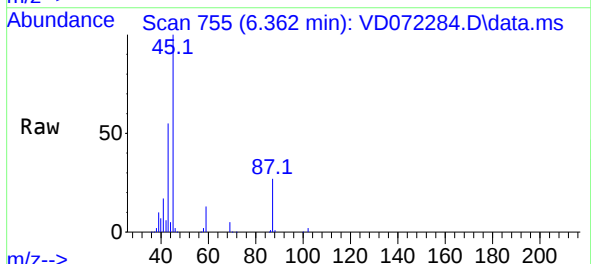
Tgt Ion: 96 Resp: 6248
Ion Ratio Lower Upper
96 100
61 141.1 117.9 176.9
98 65.0 49.4 74.2

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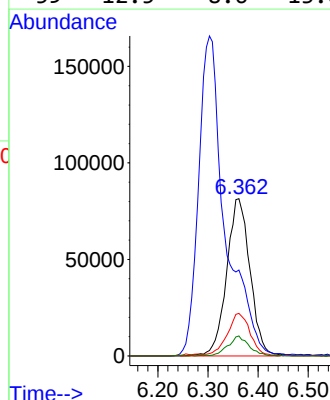
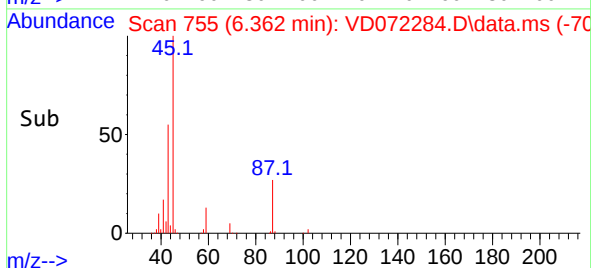
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#22
Diisopropyl ether
Concen: 21.031 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28



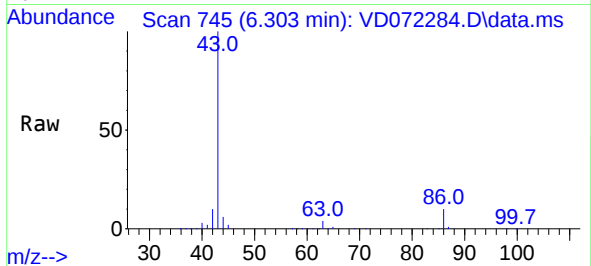
Tgt Ion: 45 Resp: 263689
Ion Ratio Lower Upper
45 100
43 53.2 46.6 70.0
87 26.7 18.4 27.6
59 12.5 8.6 13.0





#23
 Vinyl Acetate
 Concen: 95.479 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD072284.D
 Acq: 18 Mar 2022 12:28

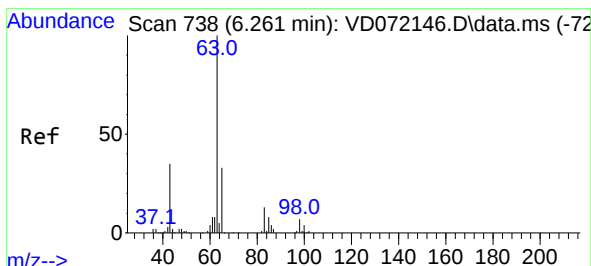
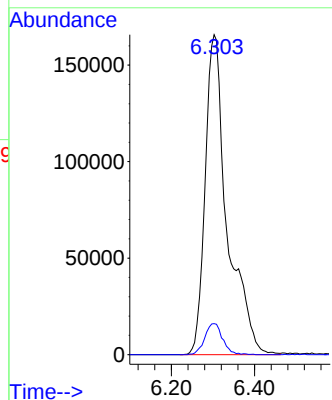
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBS01



Tgt Ion: 43 Resp: 61094
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.1 10.7

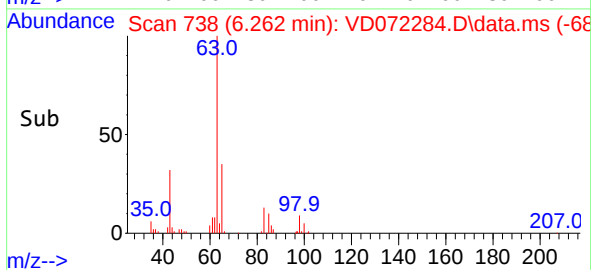
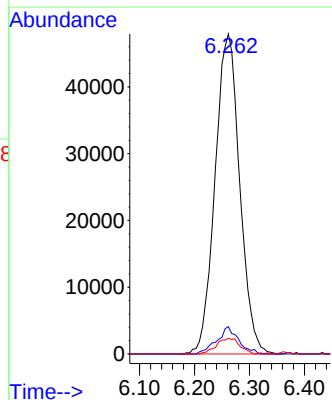
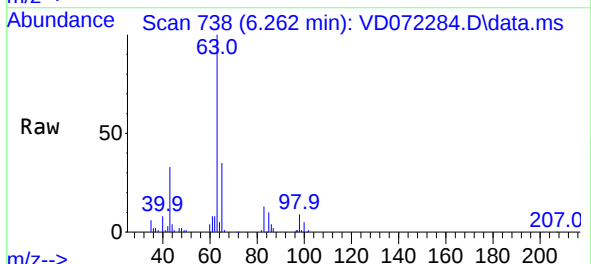
Manual Integrations
 APPROVED

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



#24
 1,1-Dichloroethane
 Concen: 20.174 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD072284.D
 Acq: 18 Mar 2022 12:28

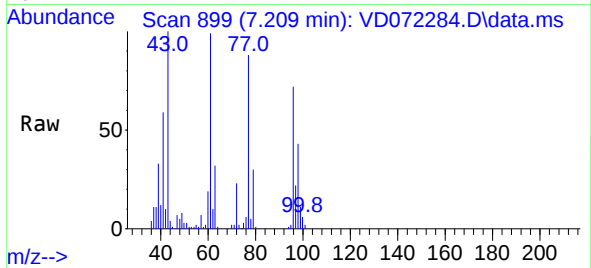
Tgt Ion: 63 Resp: 149174
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.6 10.9
 100 4.9 2.1 6.5





#25
2-Butanone
Concen: 108.637 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

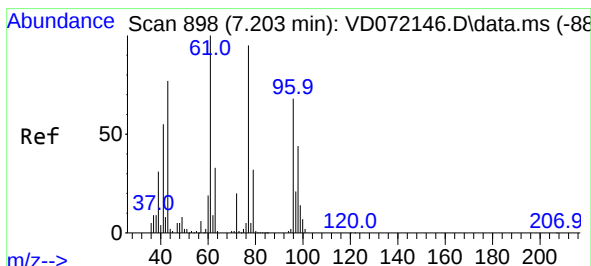
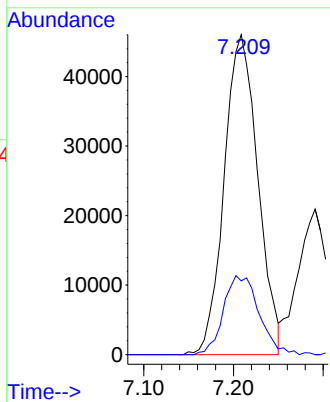
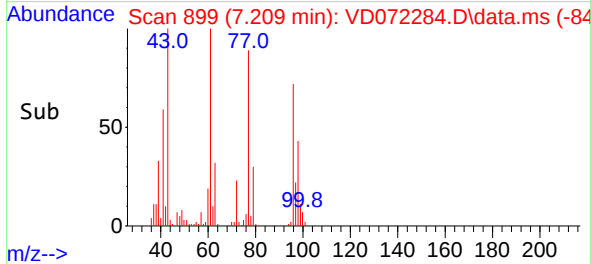
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



Tgt Ion: 43 Resp: 11989
Ion Ratio Lower Upper
43 100
72 23.1 18.6 27.8

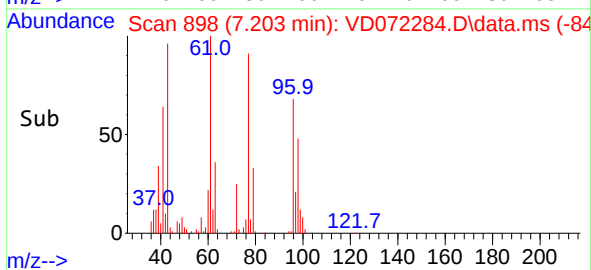
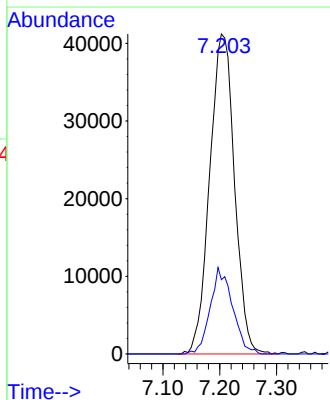
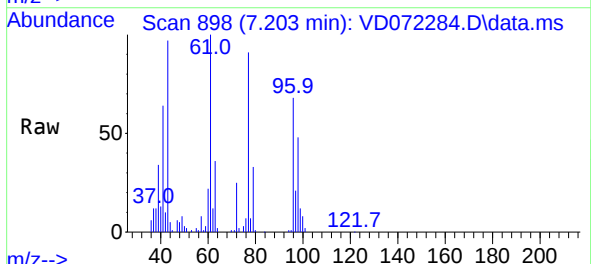
Manual Integrations
APPROVED

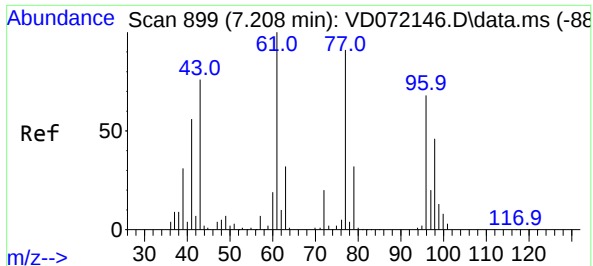
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#26
2,2-Dichloropropane
Concen: 18.745 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

Tgt Ion: 77 Resp: 125063
Ion Ratio Lower Upper
77 100
97 24.3 10.8 32.4





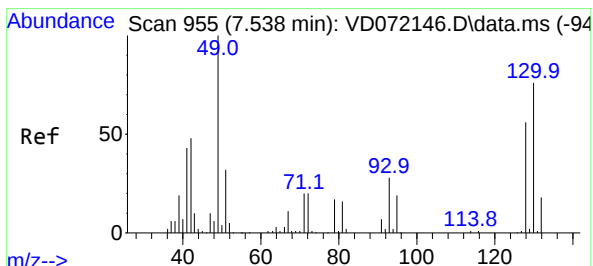
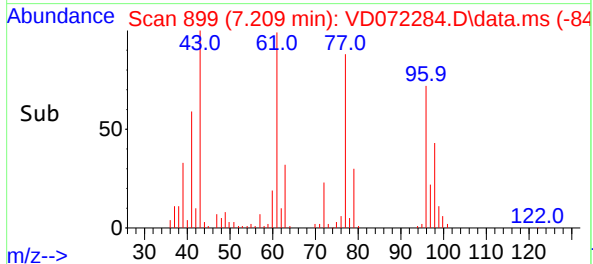
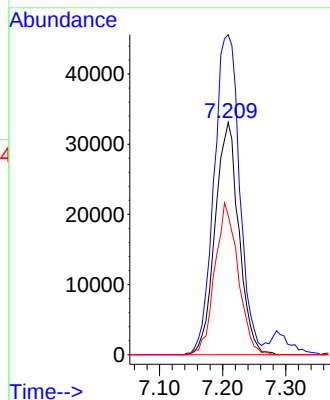
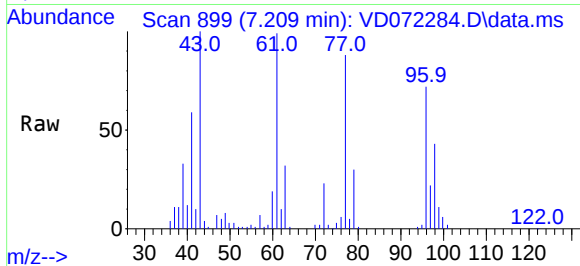
#27
cis-1,2-Dichloroethene
Concen: 19.478 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

Tgt Ion: 96 Resp: 86475
Ion Ratio Lower Upper
96 100
61 148.6 0.0 313.8
98 64.1 0.0 128.8

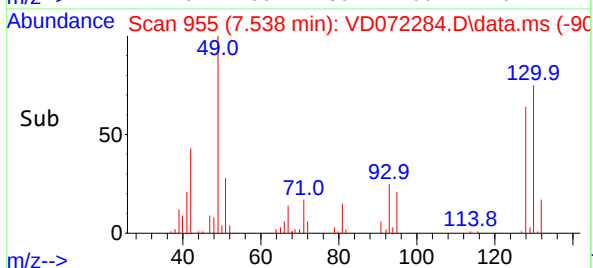
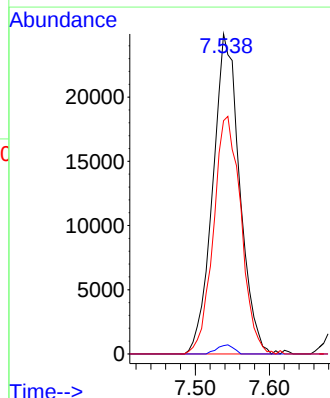
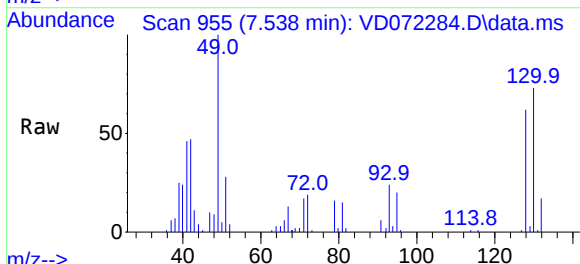
Manual Integrations
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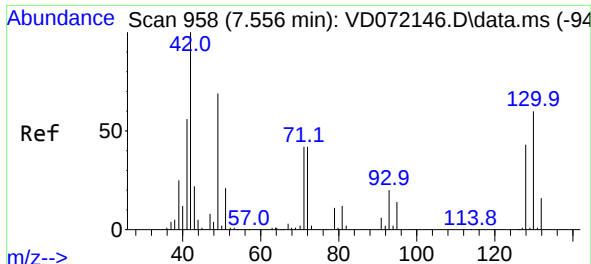
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#28
Bromochloromethane
Concen: 21.073 ug/l
RT: 7.538 min Scan# 955
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

Tgt Ion: 49 Resp: 62731
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 75.9 52.6 79.0





#29

Tetrahydrofuran

Concen: 108.493 ug/l

RT: 7.562 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD072284.D

Acq: 18 Mar 2022 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBS01

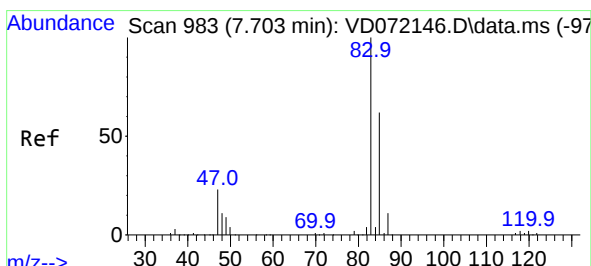
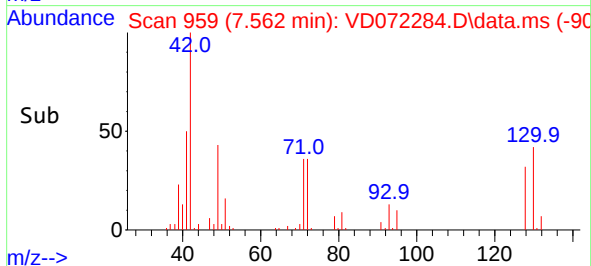
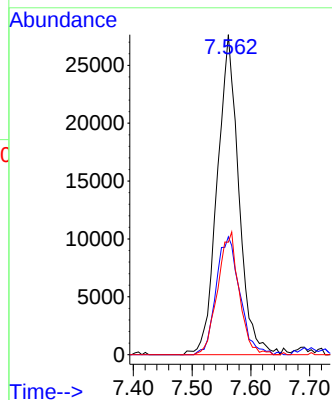
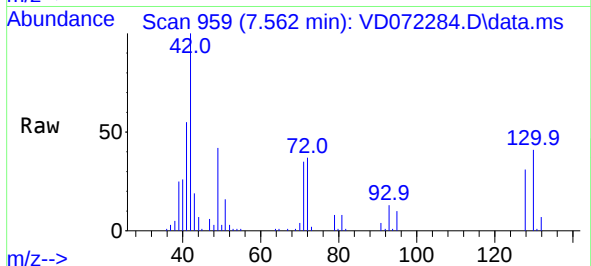
Tgt Ion: 42 Resp: 70405
 Ion Ratio Lower Upper
 42 100
 72 40.4 30.7 46.1
 71 38.1 28.6 43.0

Manual Integrations

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Reviewed By :John Carlone 03/21/2022

Supervised By :Mahesh Dadoda 03/21/2022



#30

Chloroform

Concen: 20.958 ug/l

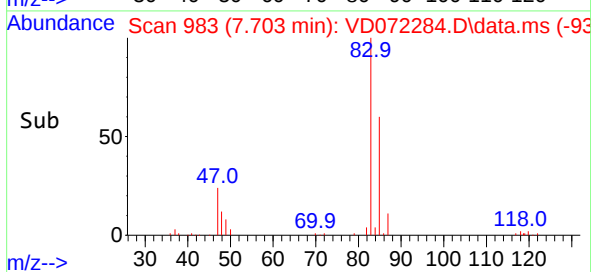
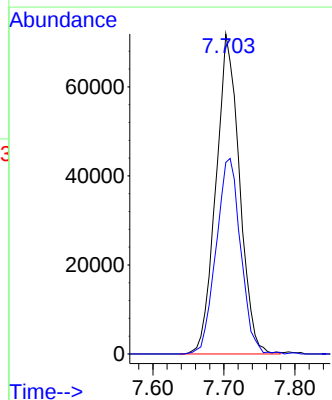
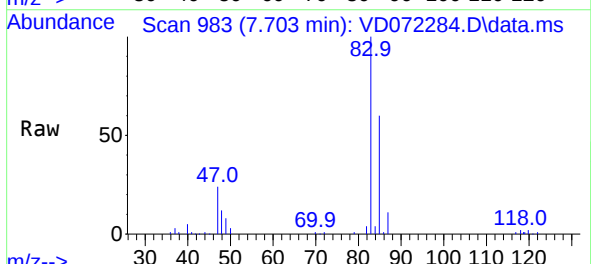
RT: 7.703 min Scan# 983

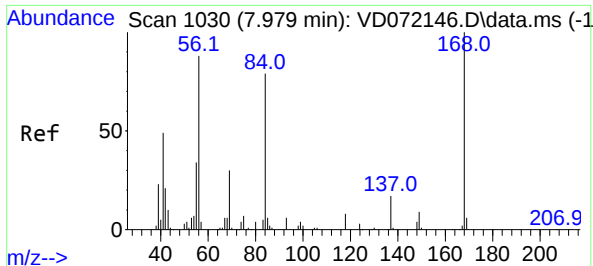
Delta R.T. 0.000 min

Lab File: VD072284.D

Acq: 18 Mar 2022 12:28

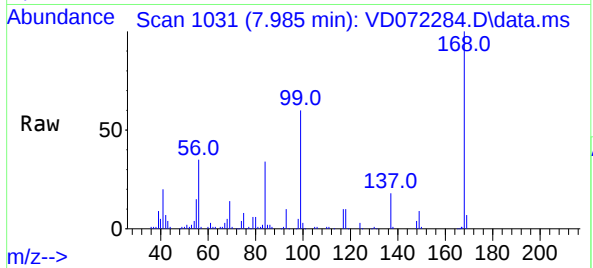
Tgt Ion: 83 Resp: 165096
 Ion Ratio Lower Upper
 83 100
 85 59.9 52.7 79.1





#31
Cyclohexane
Concen: 17.385 ug/l
RT: 7.985 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

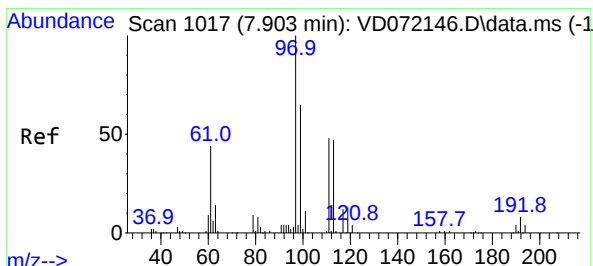
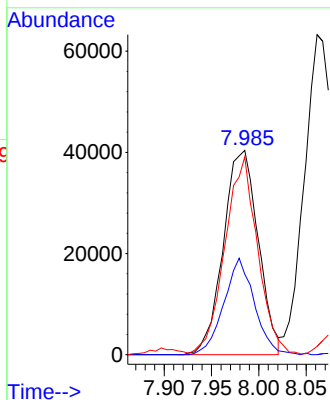
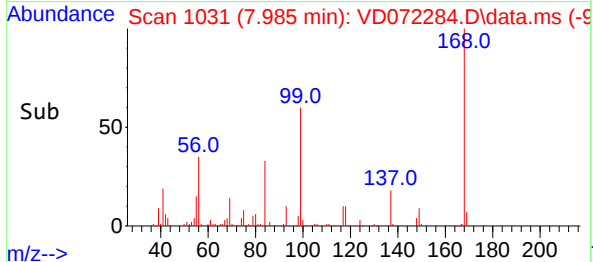
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



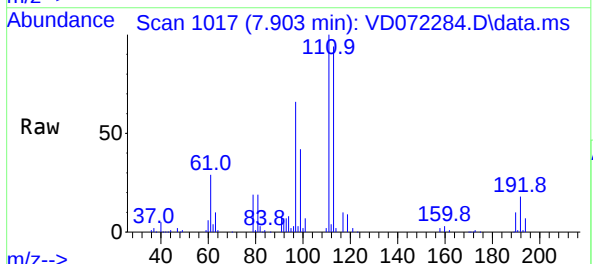
Tgt Ion: 56 Resp: 10354
Ion Ratio Lower Upper
56 100
69 39.4 25.4 38.2
84 94.9 63.0 94.4

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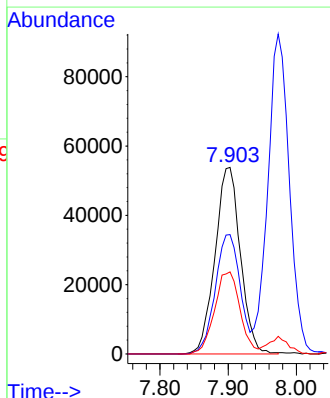
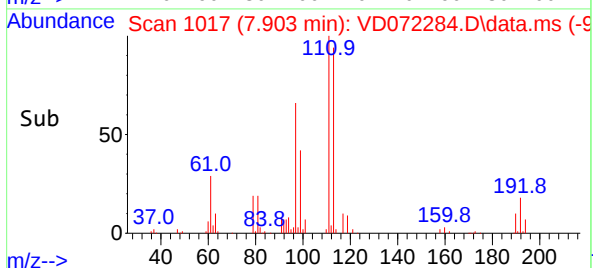
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

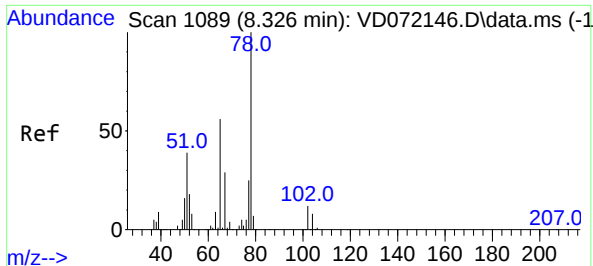


#32
1,1,1-Trichloroethane
Concen: 19.908 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28



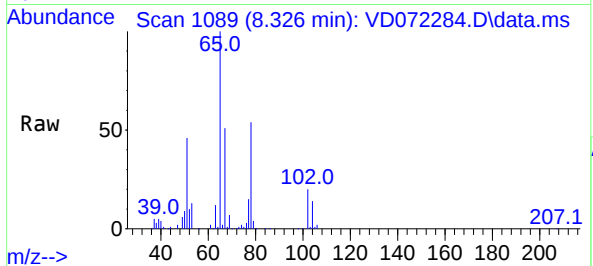
Tgt Ion: 97 Resp: 139286
Ion Ratio Lower Upper
97 100
99 62.9 52.4 78.6
61 44.2 38.0 57.0





#33
1,2-Dichloroethane-d4
Concen: 53.518 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

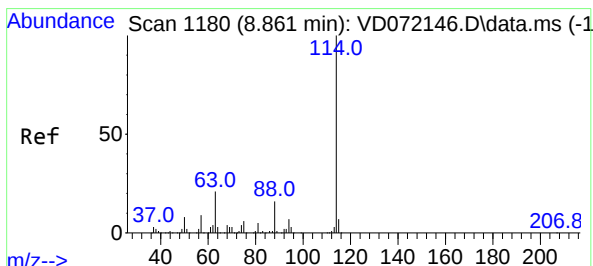
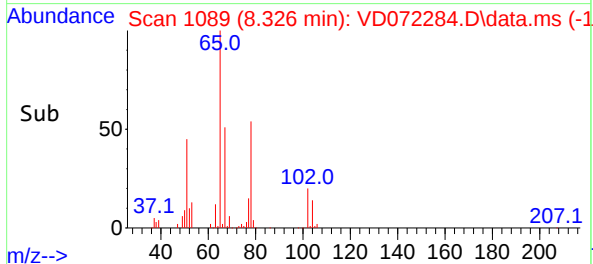
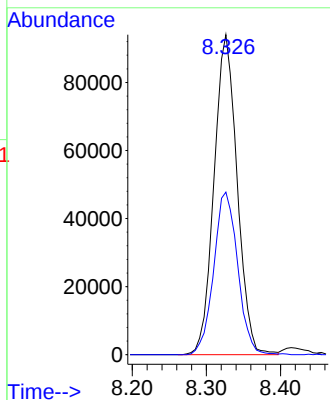
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



Tgt Ion: 65 Resp: 20402
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.4

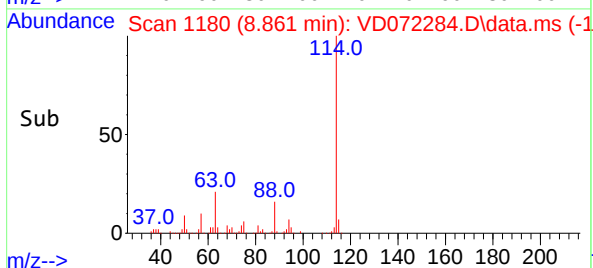
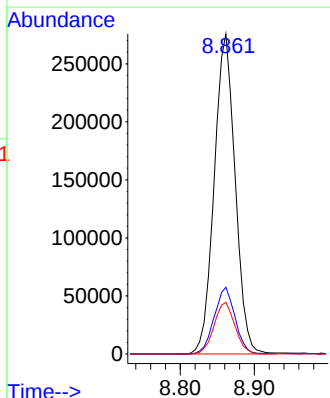
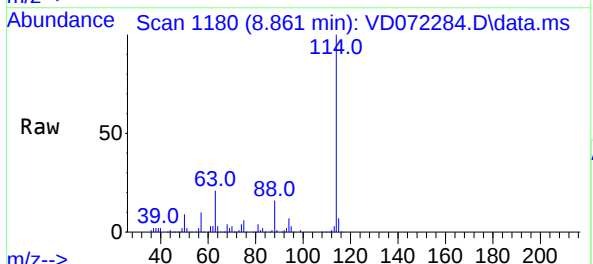
Manual Integrations
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Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

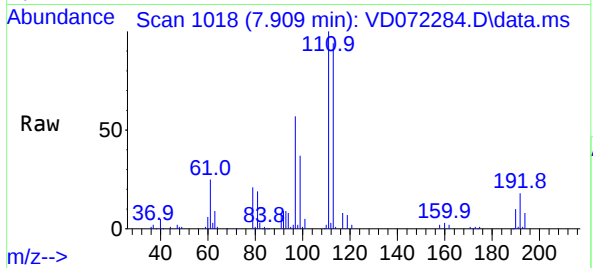
Tgt Ion:114 Resp: 540693
Ion Ratio Lower Upper
114 100
63 20.9 0.0 46.6
88 16.2 0.0 33.2





#35
Dibromofluoromethane
Concen: 52.605 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

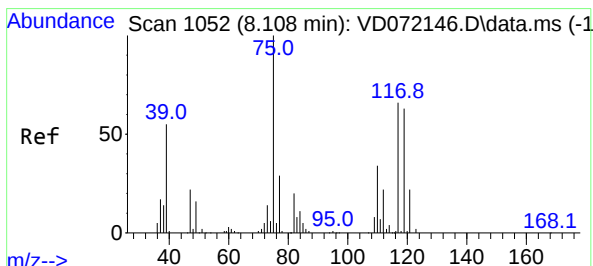
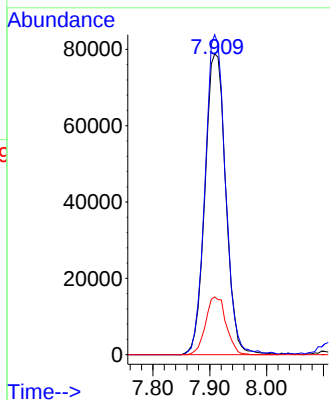
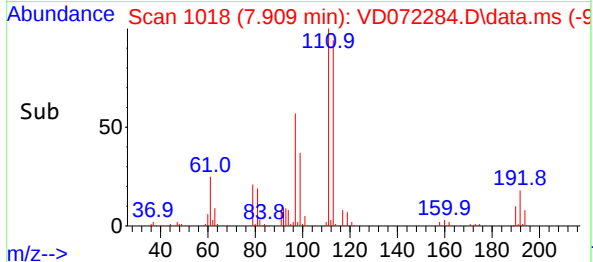
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



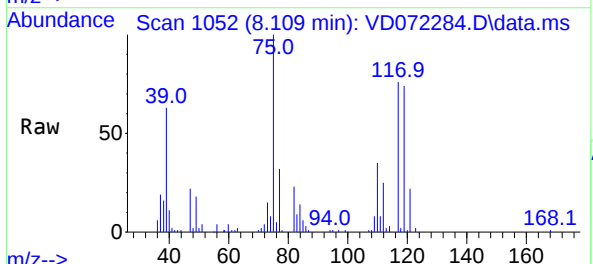
Tgt Ion: 113 Resp: 20015
Ion Ratio Lower Upper
113 100
111 103.9 83.8 125.6
192 18.9 14.6 21.8

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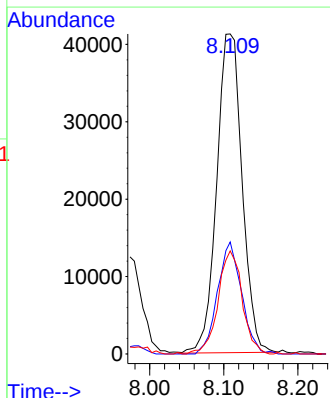
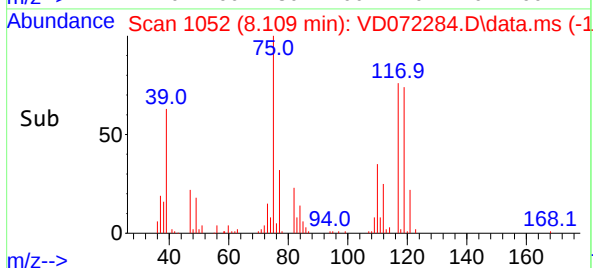
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#36
1,1-Dichloropropene
Concen: 18.391 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28



Tgt Ion: 75 Resp: 98166
Ion Ratio Lower Upper
75 100
110 33.2 16.4 49.1
77 30.7 24.2 36.2





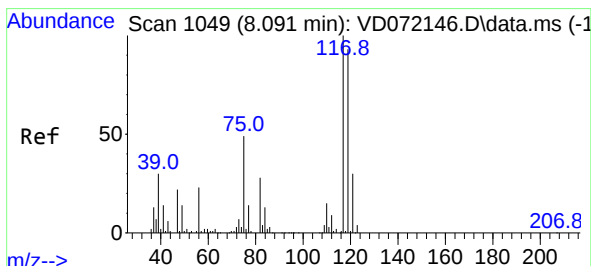
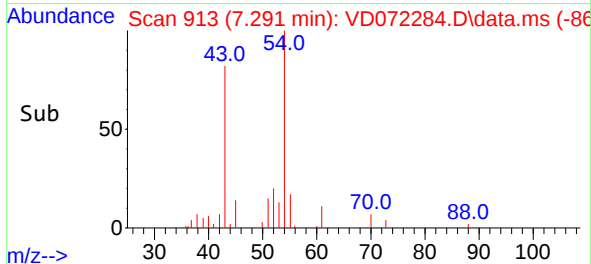
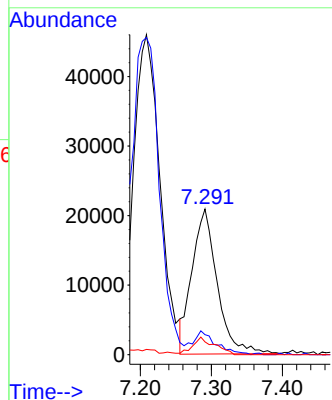
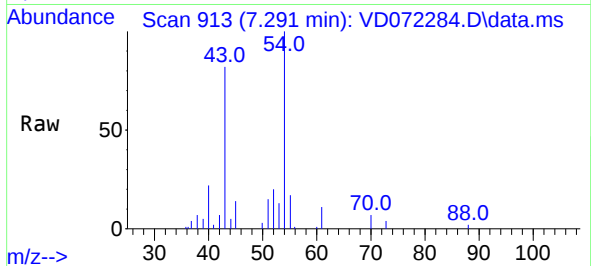
#37
Ethyl Acetate
Concen: 22.016 ug/l
RT: 7.291 min Scan# 912
Delta R.T. 0.006 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

Tgt Ion: 43 Resp: 51470
Ion Ratio Lower Upper
43 100
61 14.9 9.8 14.8
70 10.4 6.9 10.3

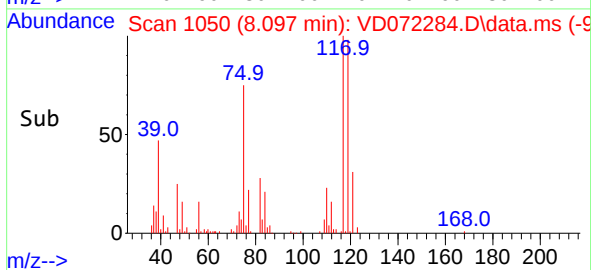
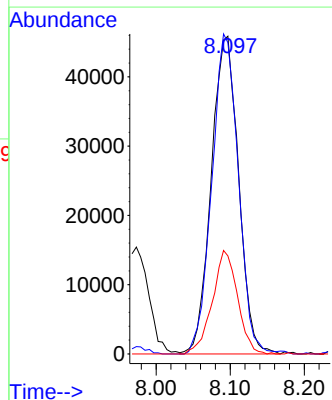
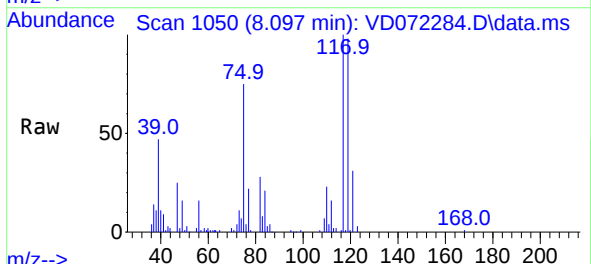
Manual Integrations
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Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#38
Carbon Tetrachloride
Concen: 19.338 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

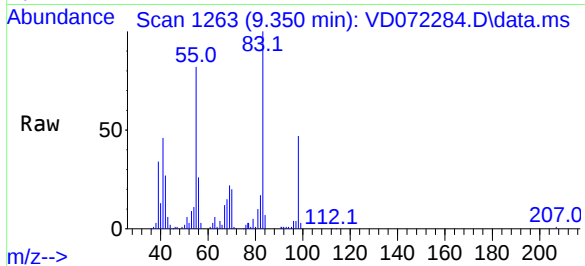
Tgt Ion:117 Resp: 117336
Ion Ratio Lower Upper
117 100
119 98.0 75.8 113.6
121 30.8 24.5 36.7





#39
Methylcyclohexane
Concen: 16.970 ug/l
RT: 9.350 min Scan# 10193
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

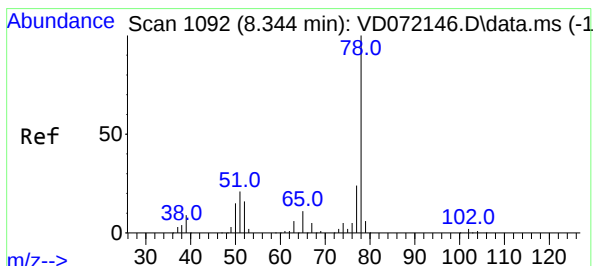
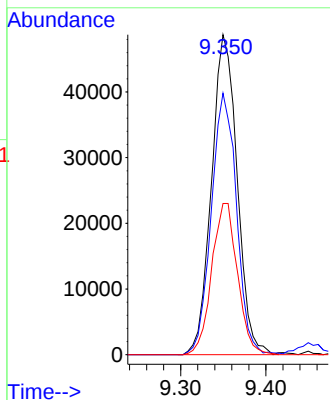
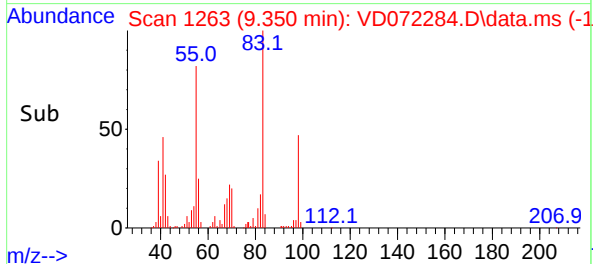
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



Tgt Ion: 83 Resp: 10193
Ion Ratio Lower Upper
83 100
55 81.7 63.2 94.8
98 47.3 38.2 57.4

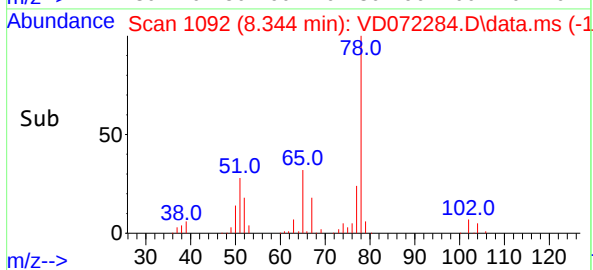
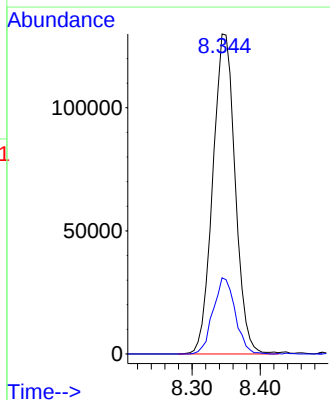
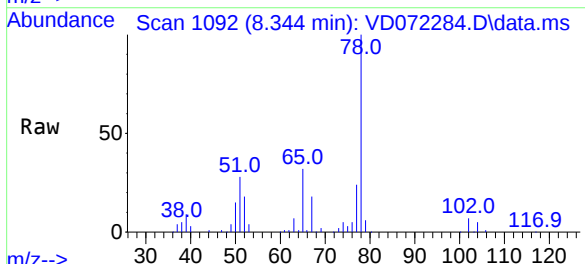
Manual Integrations
APPROVED

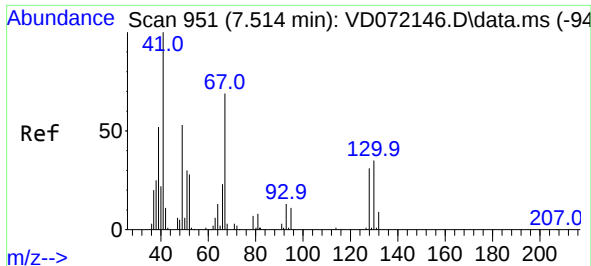
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#40
Benzene
Concen: 19.531 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

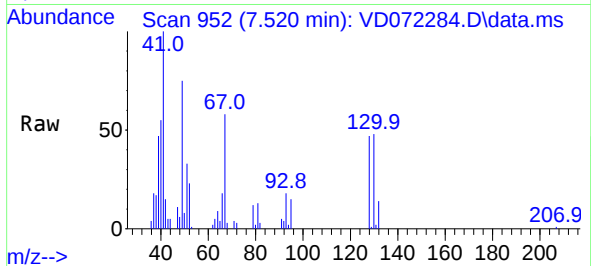
Tgt Ion: 78 Resp: 297415
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7





#41
Methacrylonitrile
Concen: 22.969 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

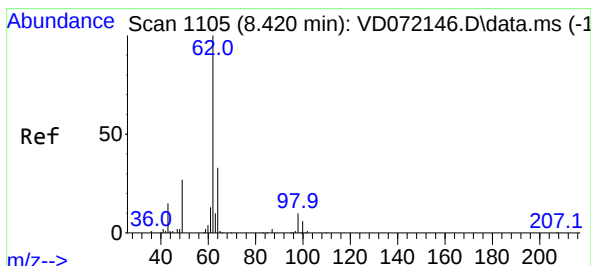
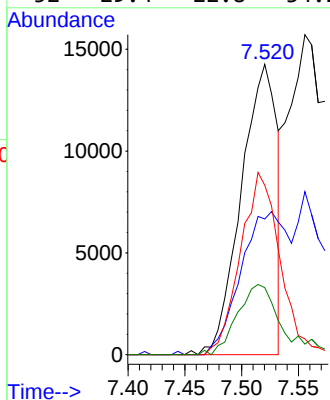
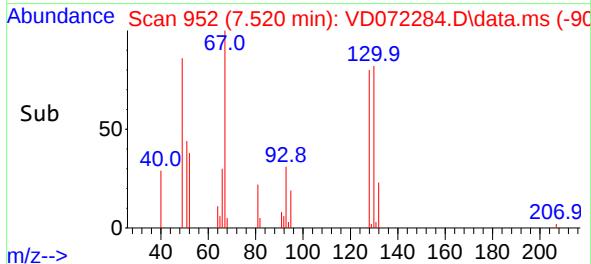
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



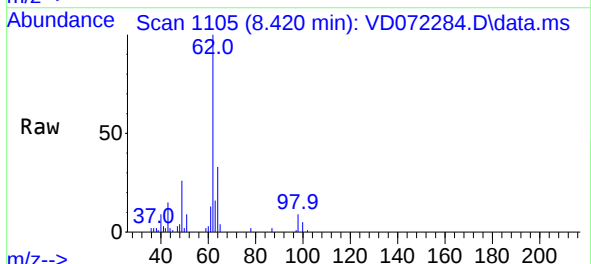
Tgt Ion: 41 Resp: 3130
Ion Ratio Lower Upper
41 100
39 65.3 44.6 67.0
67 68.9 48.2 72.4
52 29.4 22.8 34.2

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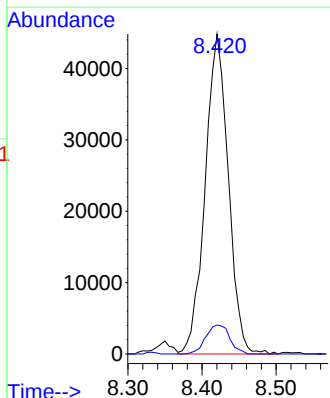
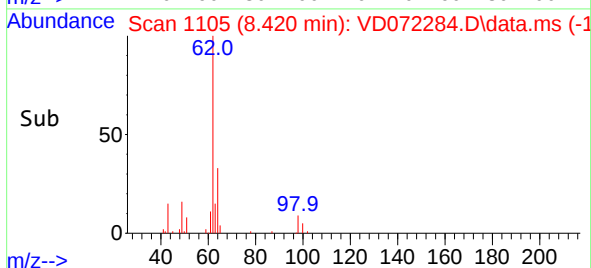
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

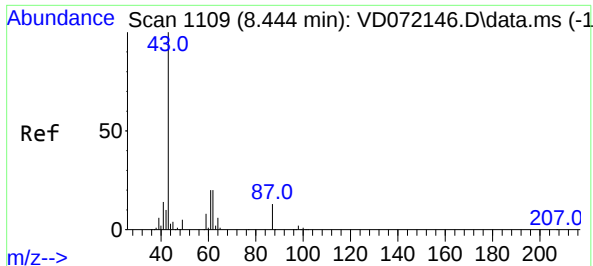


#42
1,2-Dichloroethane
Concen: 21.096 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28



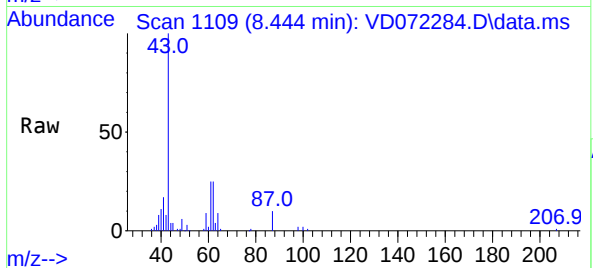
Tgt Ion: 62 Resp: 97452
Ion Ratio Lower Upper
62 100
98 9.3 0.0 17.6





#43
Isopropyl Acetate
Concen: 21.062 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

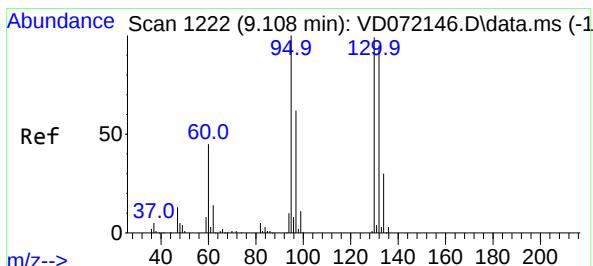
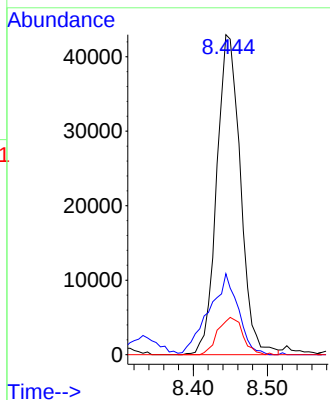
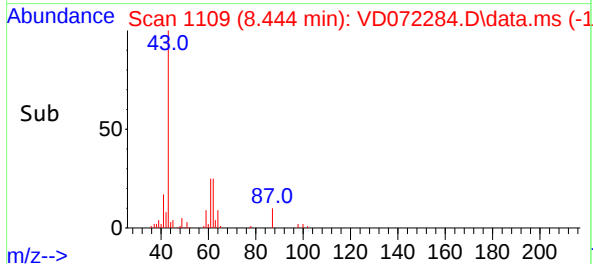
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



Tgt Ion: 43 Resp: 95584
Ion Ratio Lower Upper
43 100
61 31.3 22.4 33.6
87 12.3 8.7 13.1

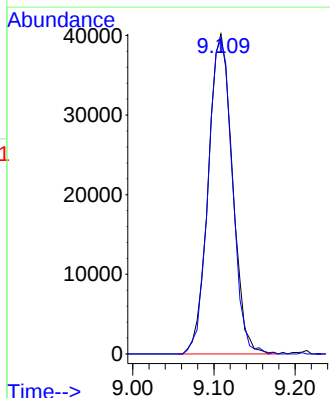
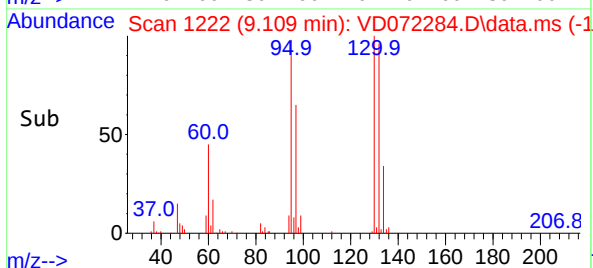
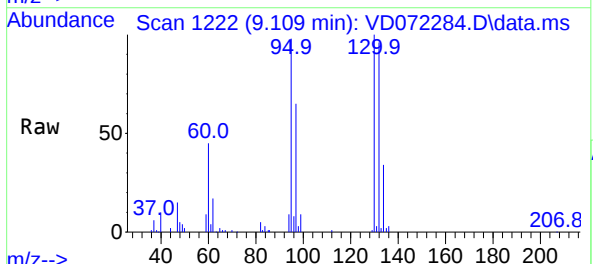
Manual Integrations
APPROVED

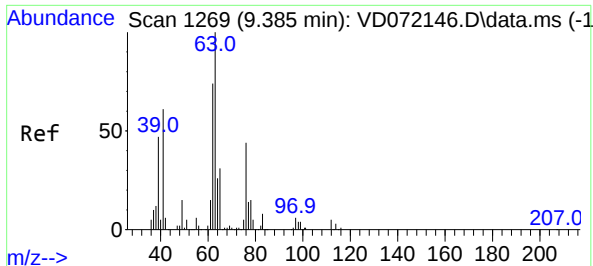
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#44
Trichloroethene
Concen: 19.463 ug/l
RT: 9.109 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

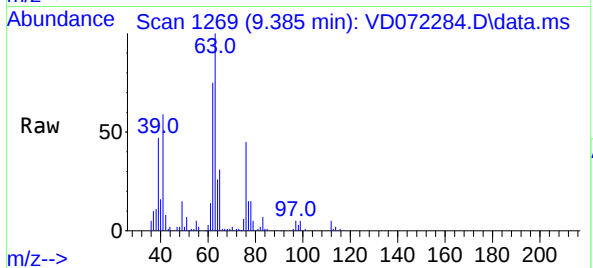
Tgt Ion:130 Resp: 83204
Ion Ratio Lower Upper
130 100
95 98.4 0.0 205.4





#45
1,2-Dichloropropane
Concen: 20.889 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

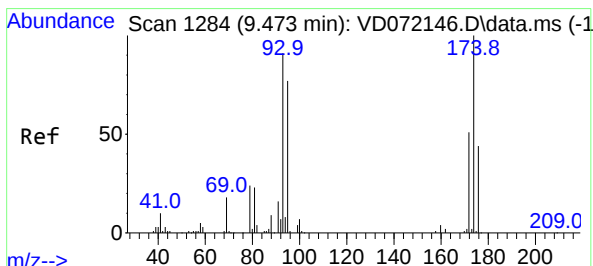
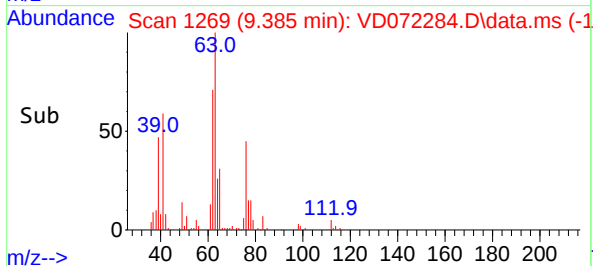
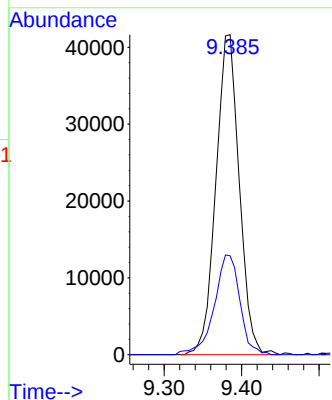
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



Tgt Ion: 63 Resp: 8724
Ion Ratio Lower Upper
63 100
65 30.9 26.2 39.4

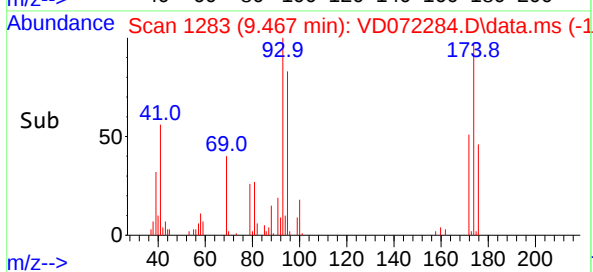
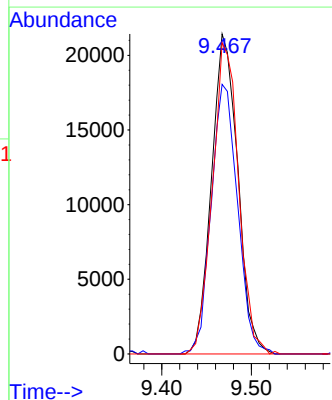
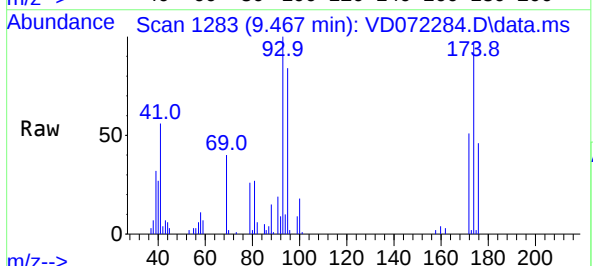
Manual Integrations
APPROVED

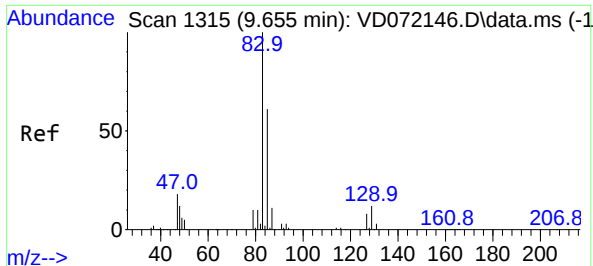
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#46
Dibromomethane
Concen: 21.158 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

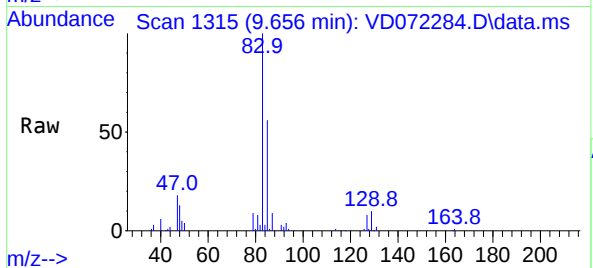
Tgt Ion: 93 Resp: 43466
Ion Ratio Lower Upper
93 100
95 85.0 66.7 100.1
174 97.2 71.6 107.4





#47
Bromodichloromethane
Concen: 22.008 ug/l
RT: 9.656 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

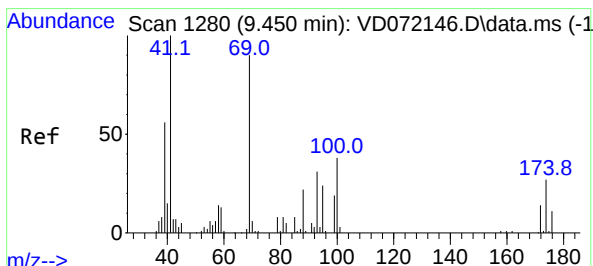
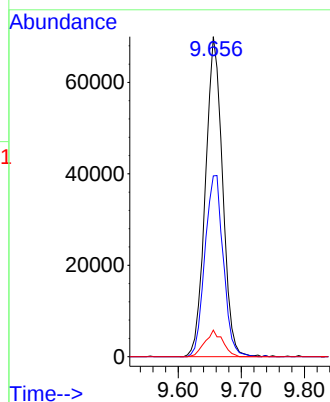
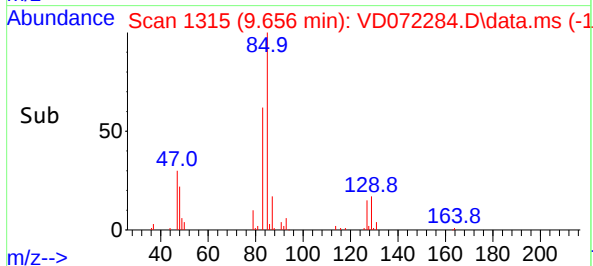
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



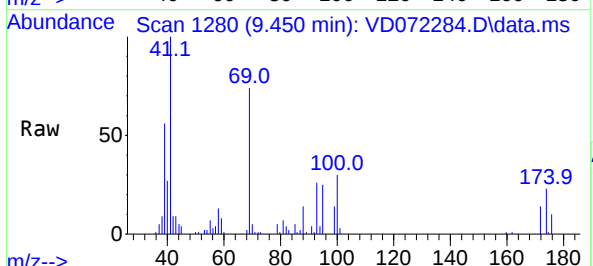
Tgt Ion: 83 Resp: 13180
Ion Ratio Lower Upper
83 100
85 56.5 51.4 77.0
127 8.3 6.1 9.1

Manual Integrations
APPROVED

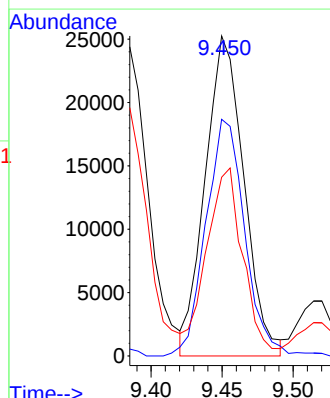
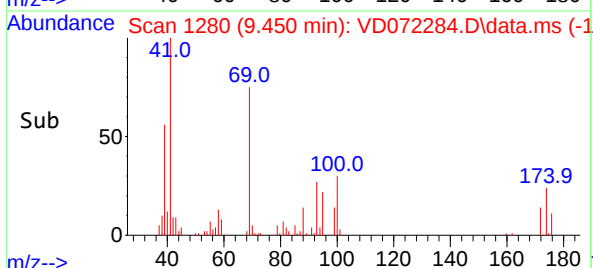
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

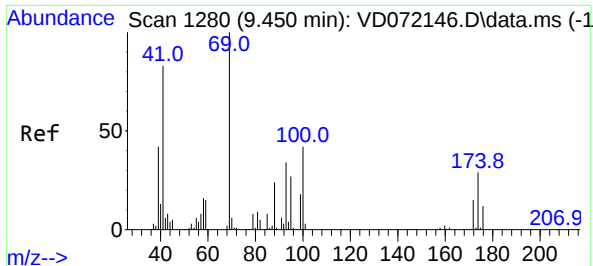


#48
Methyl methacrylate
Concen: 22.079 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28



Tgt Ion: 41 Resp: 47844
Ion Ratio Lower Upper
41 100
69 74.7 56.7 85.1
39 55.5 42.7 64.1





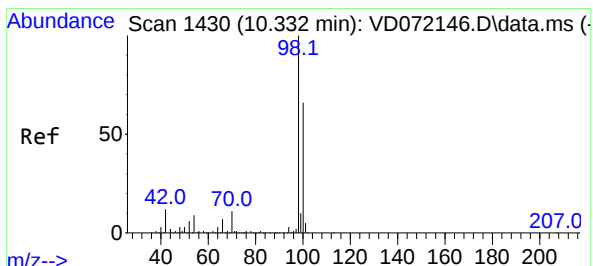
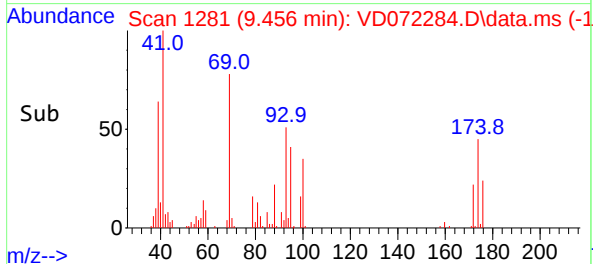
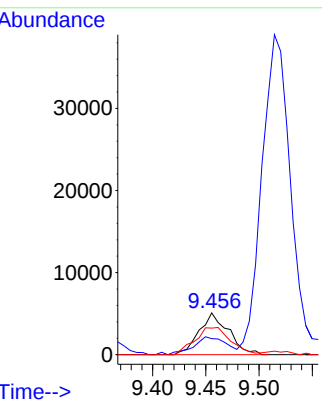
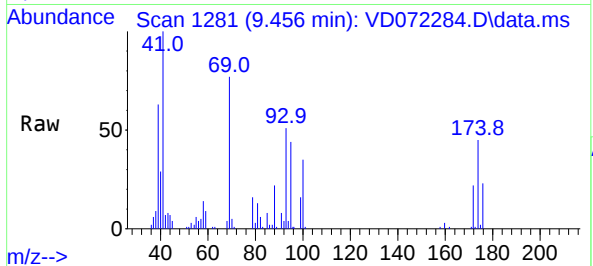
#49
1,4-Dioxane
Concen: 396.992 ug/l
RT: 9.456 min Scan# 1280
Delta R.T. 0.006 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

Tgt Ion: 88 Resp: 9780
Ion Ratio Lower Upper
88 100
43 48.1 31.0 46.4
58 78.5 58.1 87.1

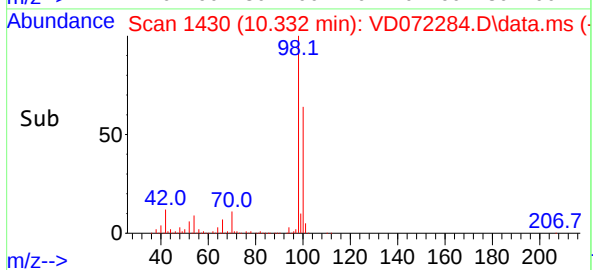
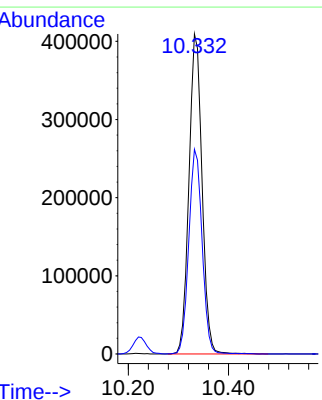
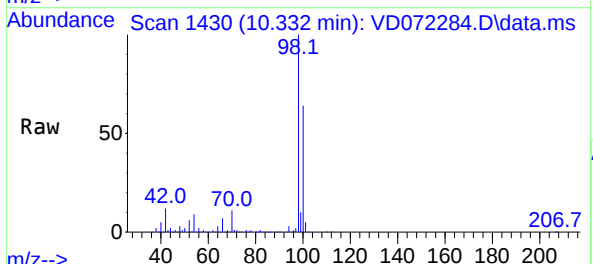
Manual Integrations
APPROVED

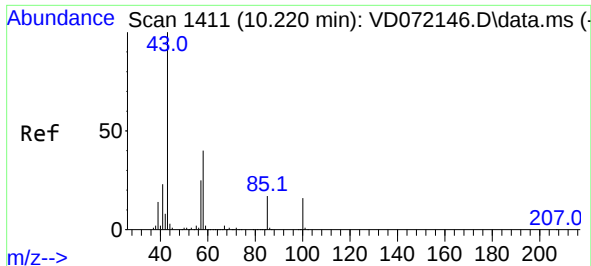
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#50
Toluene-d8
Concen: 53.276 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

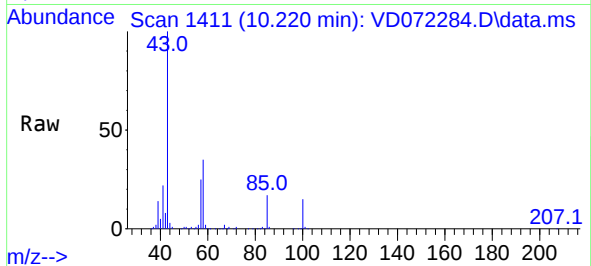
Tgt Ion: 98 Resp: 741214
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 113.046 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

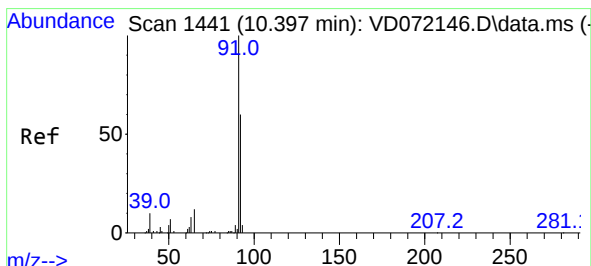
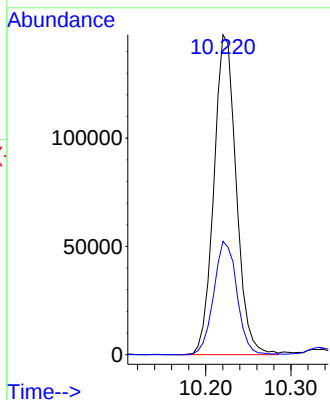
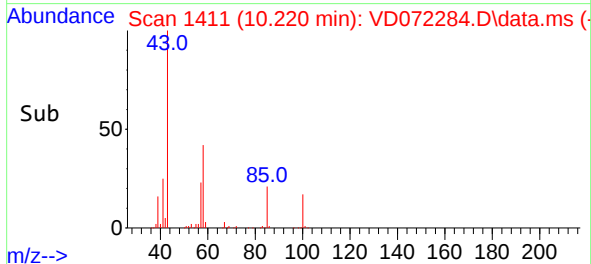
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



Tgt Ion: 43 Resp: 269458
Ion Ratio Lower Upper
43 100
58 36.8 28.6 43.0

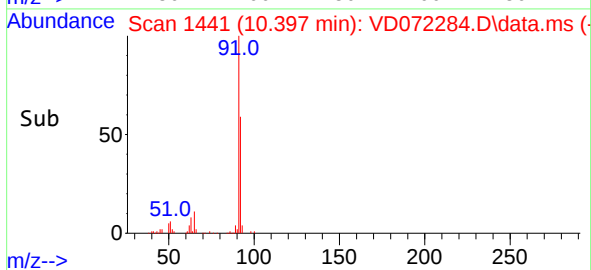
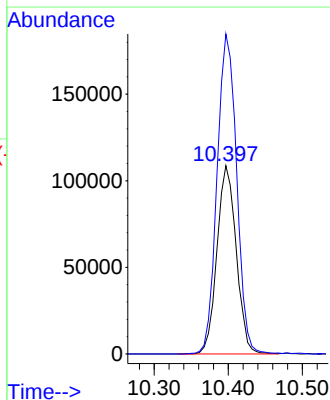
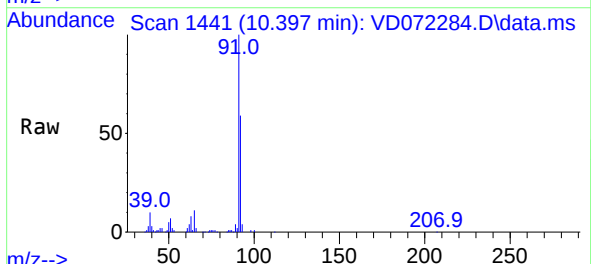
Manual Integrations
APPROVED

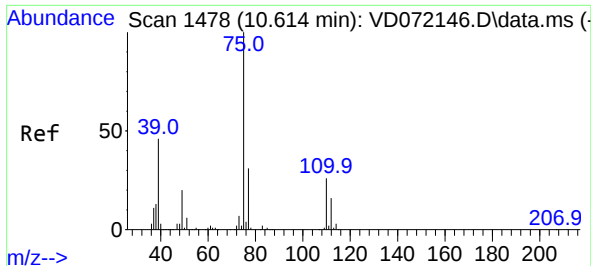
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#52
Toluene
Concen: 19.586 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

Tgt Ion: 92 Resp: 196256
Ion Ratio Lower Upper
92 100
91 172.9 139.6 209.4





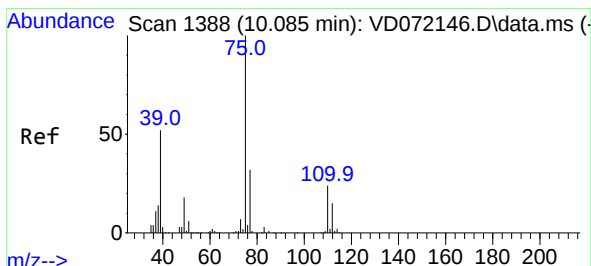
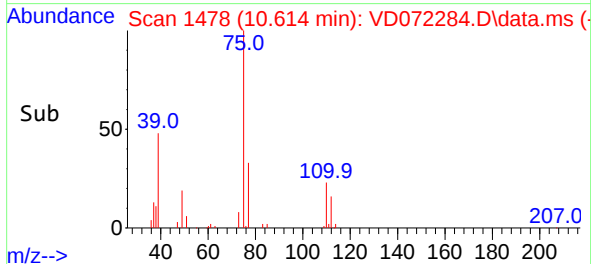
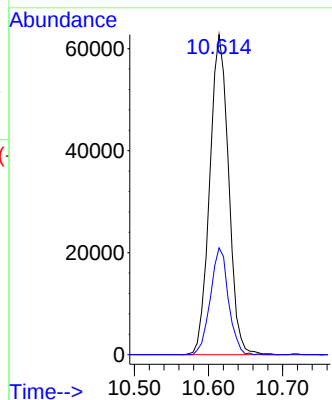
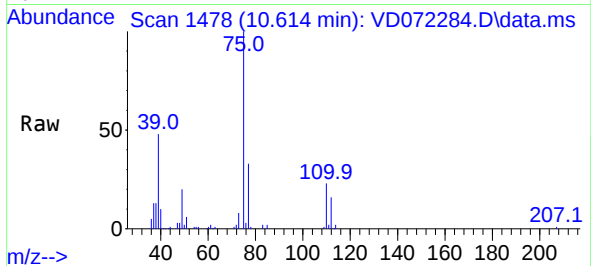
#53
t-1,3-Dichloropropene
Concen: 20.280 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

Tgt Ion: 75 Resp: 110960
Ion Ratio Lower Upper
75 100
77 33.4 24.5 36.7

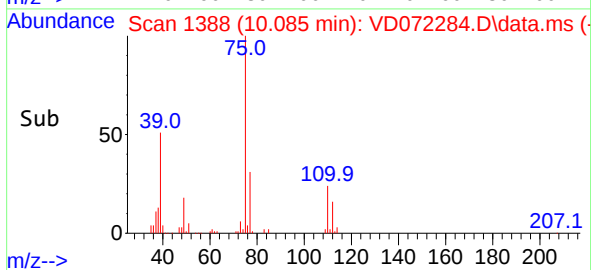
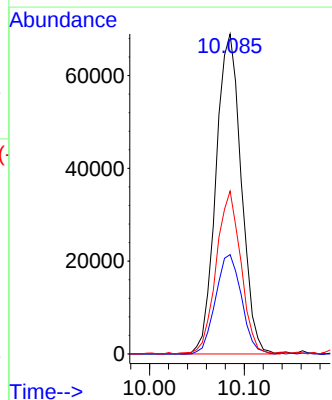
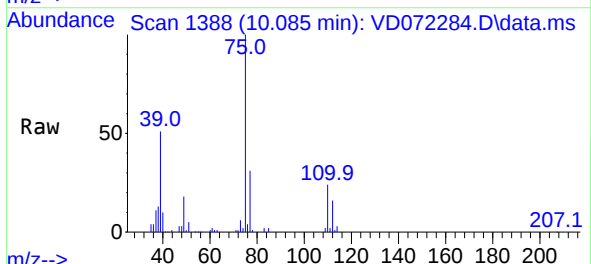
Manual Integrations
APPROVED

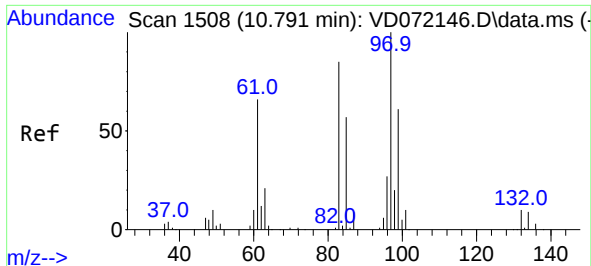
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#54
cis-1,3-Dichloropropene
Concen: 20.247 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

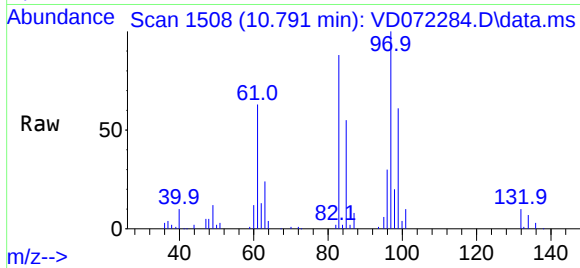
Tgt Ion: 75 Resp: 128074
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2
39 50.6 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 21.802 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

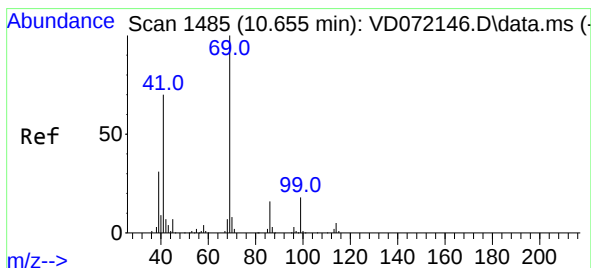
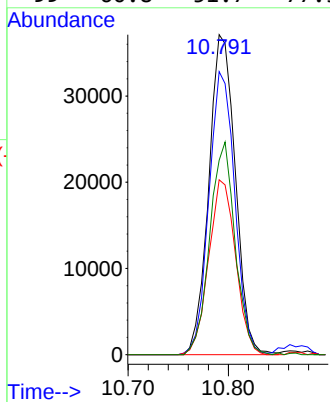
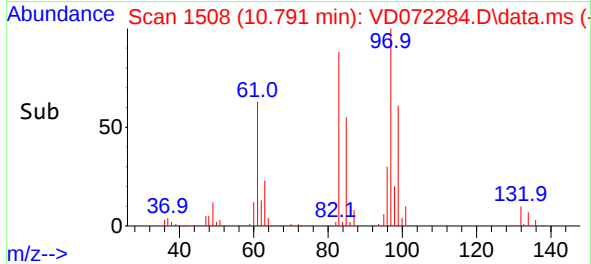
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



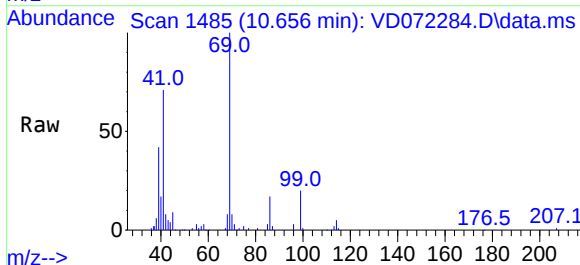
Tgt Ion: 97 Resp: 68229
Ion Ratio Lower Upper
97 100
83 88.4 69.0 103.4
85 54.6 42.6 63.8
99 60.8 51.7 77.5

Manual Integrations
APPROVED

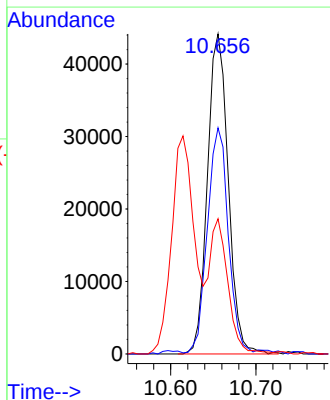
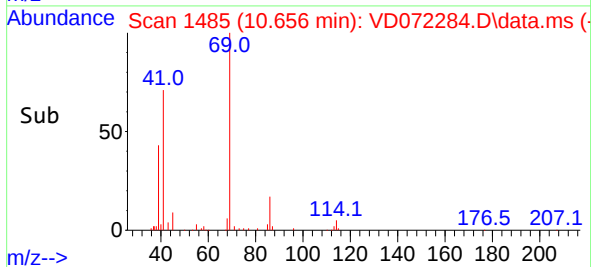
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

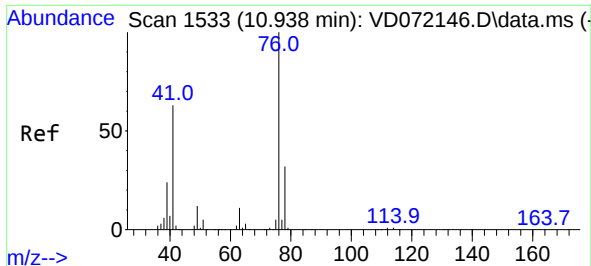


#56
Ethyl methacrylate
Concen: 20.460 ug/l
RT: 10.656 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28



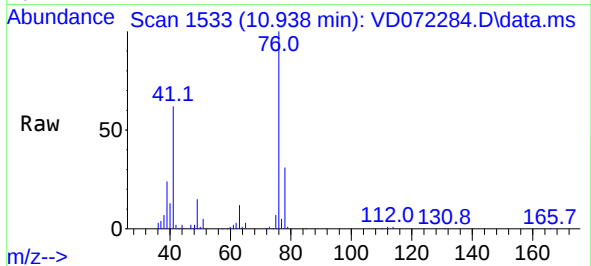
Tgt Ion: 69 Resp: 74997
Ion Ratio Lower Upper
69 100
41 70.1 63.0 94.6
39 37.0 33.8 50.8





#57
1,3-Dichloropropane
Concen: 21.269 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

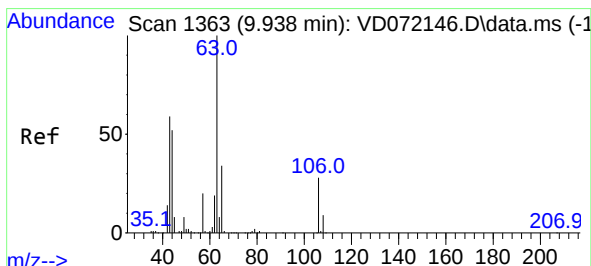
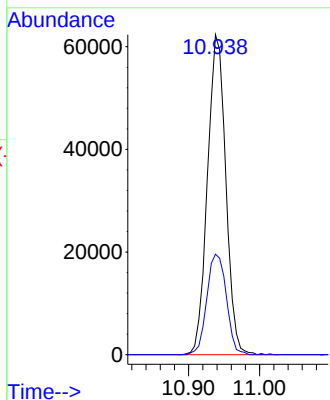
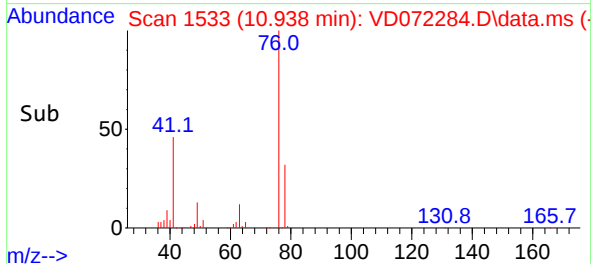
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



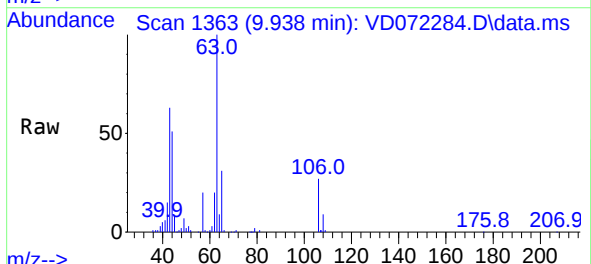
Tgt Ion: 76 Resp: 111710
Ion Ratio Lower Upper
76 100
78 33.4 26.0 39.0

Manual Integrations
APPROVED

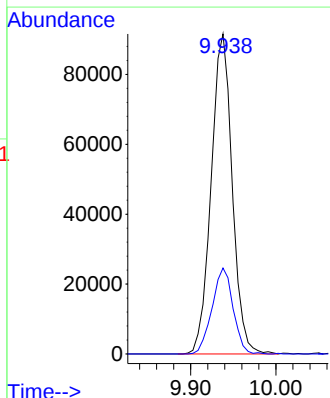
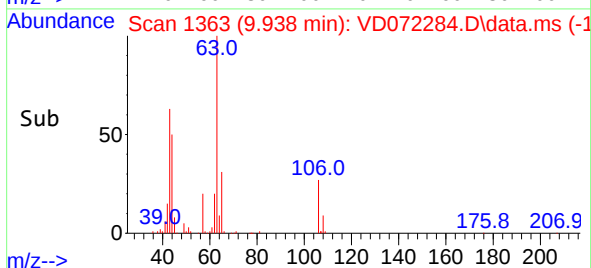
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

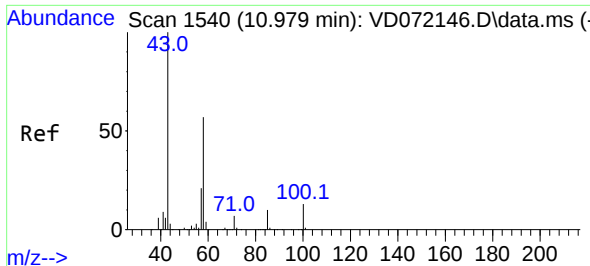


#58
2-Chloroethyl Vinyl ether
Concen: 95.511 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28



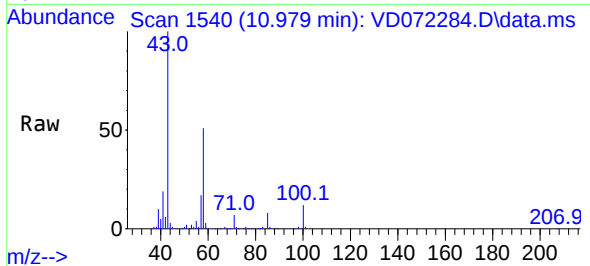
Tgt Ion: 63 Resp: 157415
Ion Ratio Lower Upper
63 100
106 26.8 21.4 32.0





#59
2-Hexanone
Concen: 112.388 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

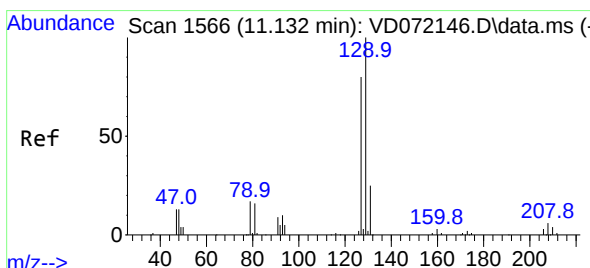
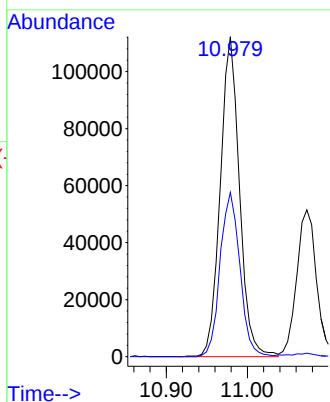
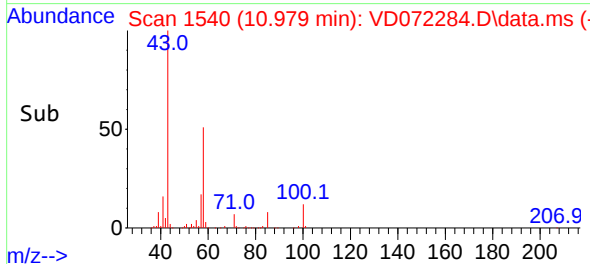
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



Tgt Ion: 43 Resp: 18502
Ion Ratio Lower Upper
43 100
58 52.8 25.3 75.9

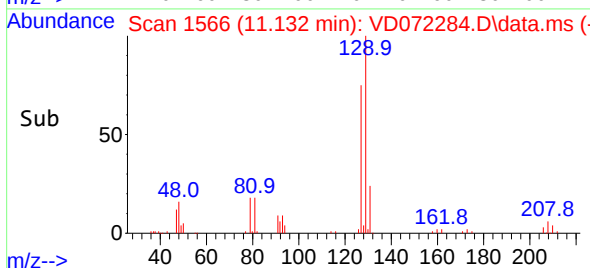
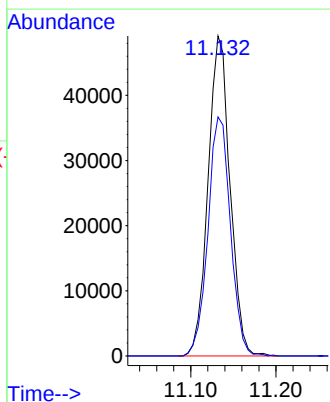
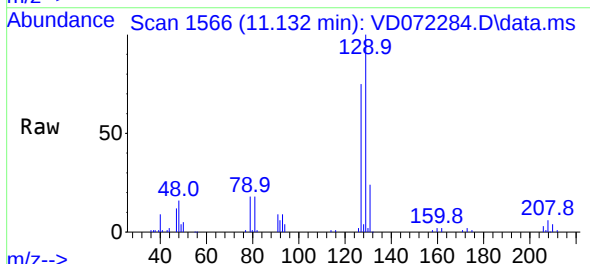
Manual Integrations
APPROVED

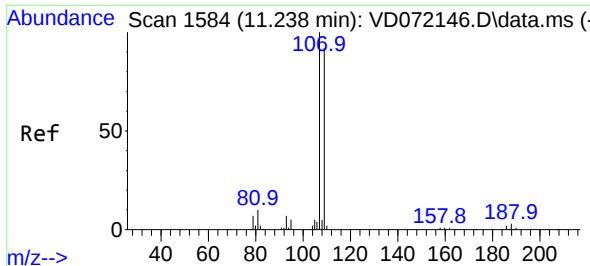
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#60
Dibromochloromethane
Concen: 21.657 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

Tgt Ion:129 Resp: 87948
Ion Ratio Lower Upper
129 100
127 76.4 39.2 117.6





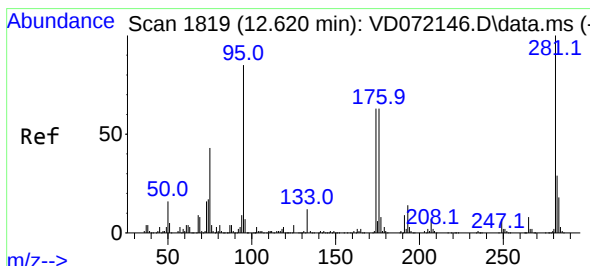
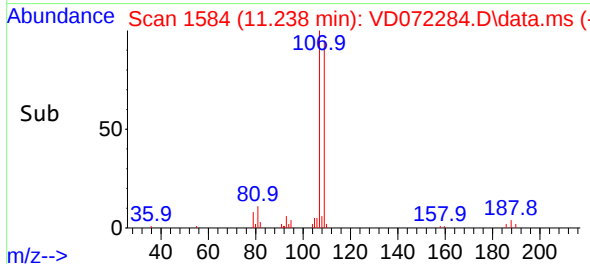
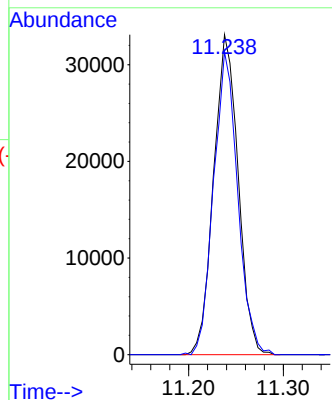
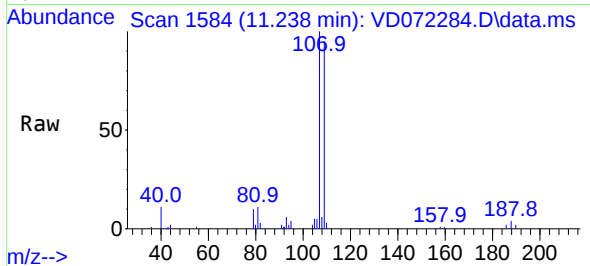
#61
1,2-Dibromoethane
Concen: 21.015 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

Tgt Ion:107 Resp: 59429
Ion Ratio Lower Upper
107 100
109 93.4 74.2 111.4

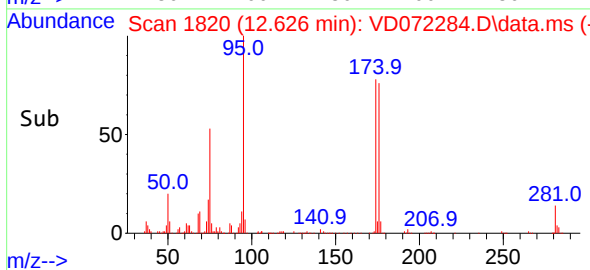
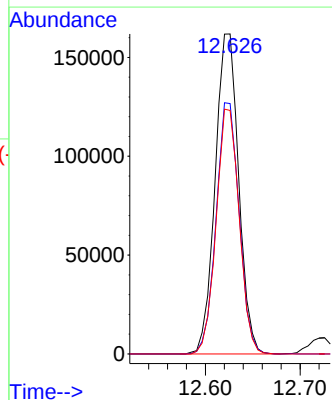
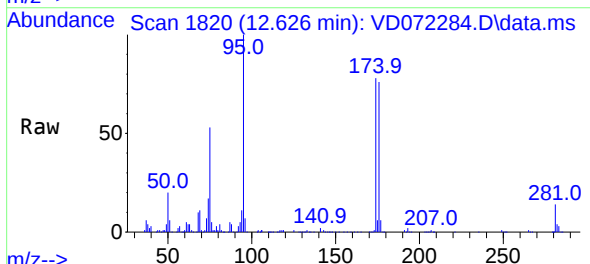
Manual Integrations
APPROVED

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



#62
4-Bromofluorobenzene
Concen: 51.605 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

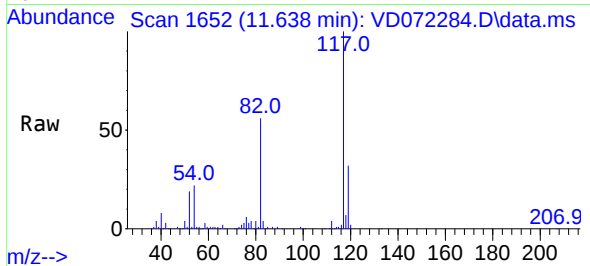
Tgt Ion: 95 Resp: 278965
Ion Ratio Lower Upper
95 100
174 76.9 0.0 152.8
176 74.9 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

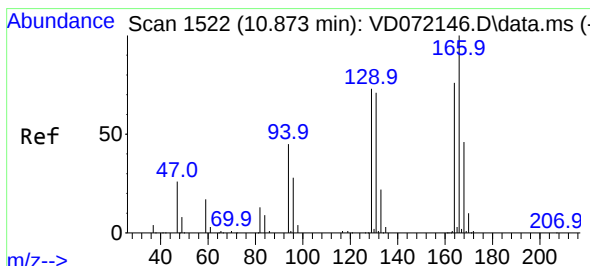
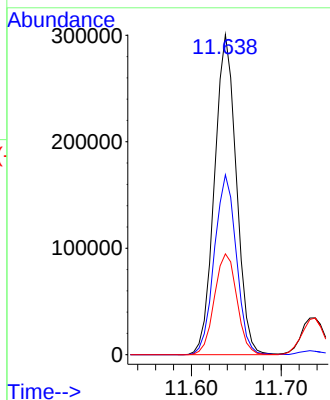
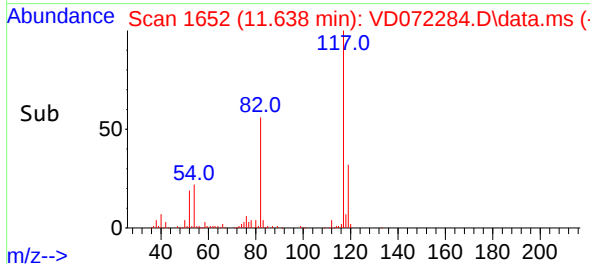
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



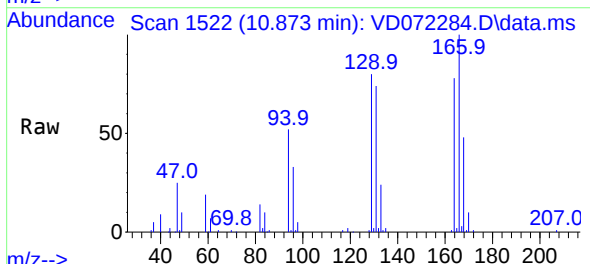
Tgt Ion:117 Resp: 508579
Ion Ratio Lower Upper
117 100
82 56.2 45.3 67.9
119 31.5 26.6 40.0

Manual Integrations
APPROVED

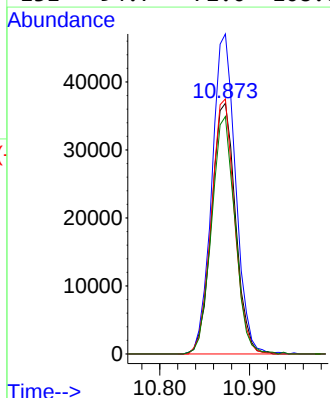
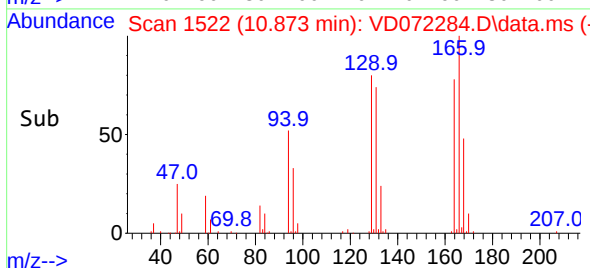
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

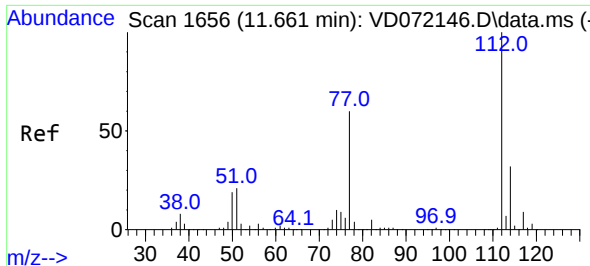


#64
Tetrachloroethene
Concen: 19.023 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28



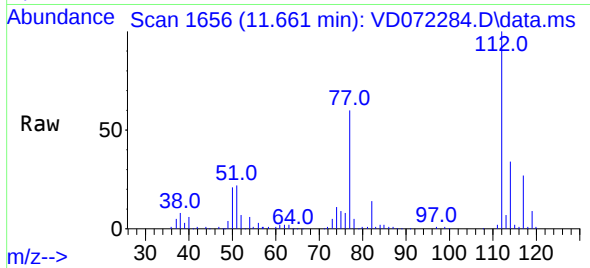
Tgt Ion:164 Resp: 68166
Ion Ratio Lower Upper
164 100
166 127.7 98.5 147.7
129 101.7 74.6 111.8
131 94.7 72.0 108.0





#65
Chlorobenzene
Concen: 20.128 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

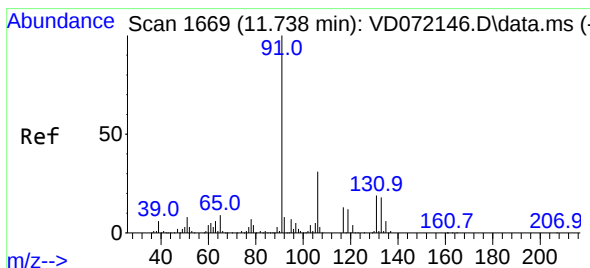
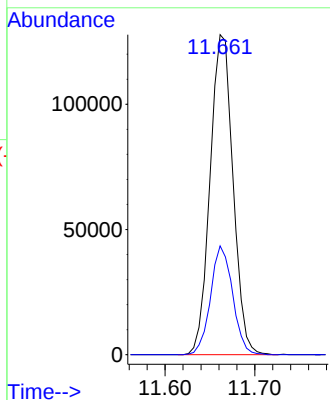
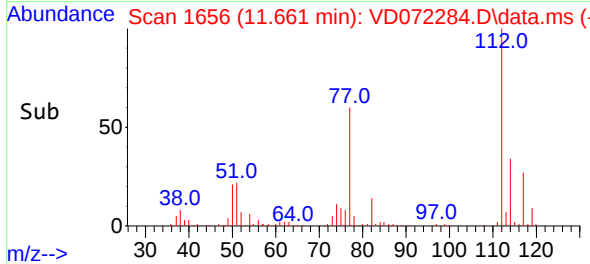
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



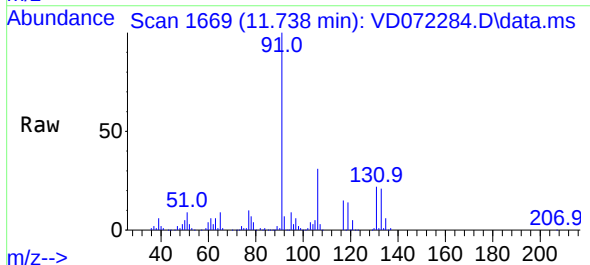
Tgt Ion:112 Resp: 22694
Ion Ratio Lower Upper
112 100
114 34.0 25.8 38.6

Manual Integrations
APPROVED

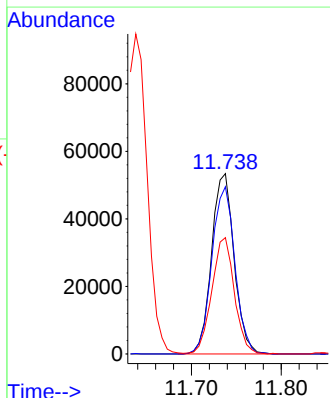
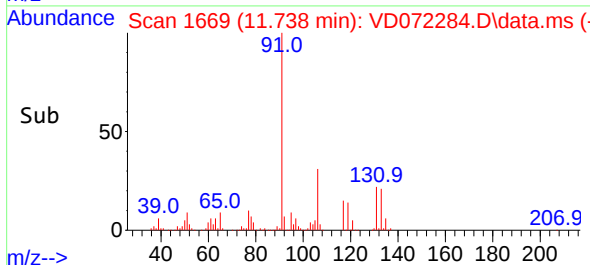
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

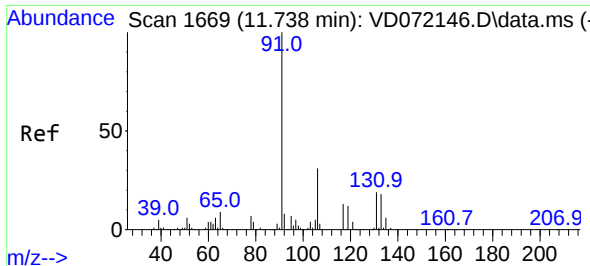


#66
1,1,1,2-Tetrachloroethane
Concen: 20.886 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28



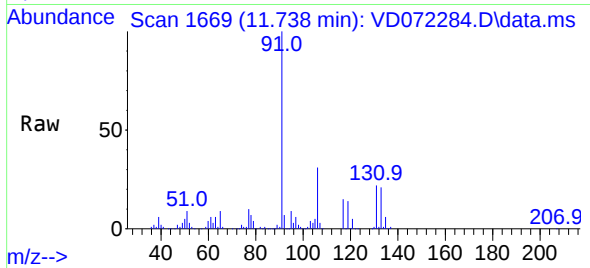
Tgt Ion:131 Resp: 93123
Ion Ratio Lower Upper
131 100
133 94.9 48.1 144.3
119 64.6 31.9 95.9





#67
Ethyl Benzene
Concen: 19.644 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

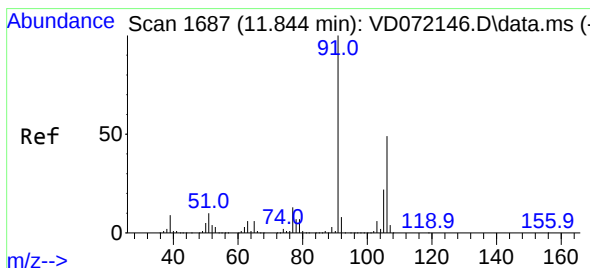
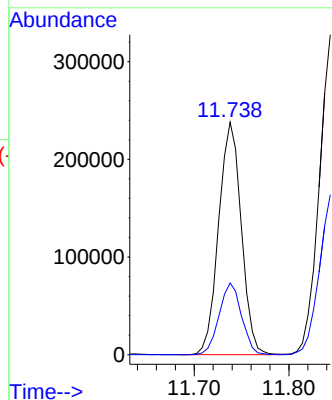
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



Tgt Ion: 91 Resp: 395589
Ion Ratio Lower Upper
91 100
106 30.9 24.2 36.4

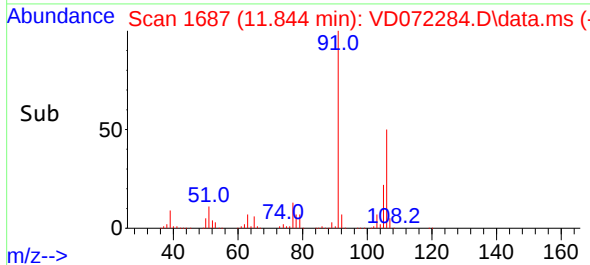
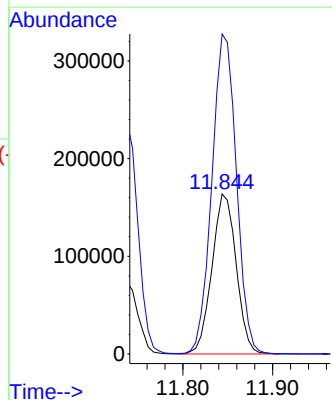
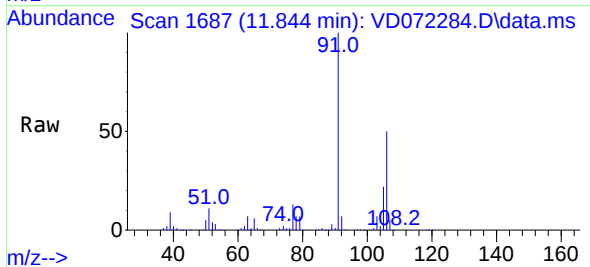
Manual Integrations
APPROVED

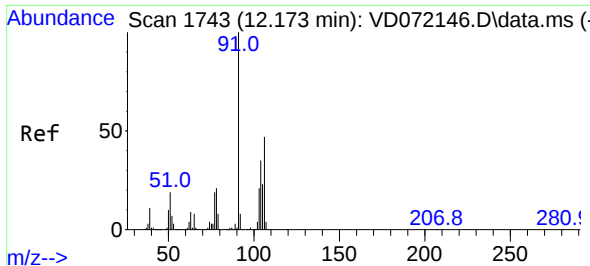
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#68
m/p-Xylenes
Concen: 40.175 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

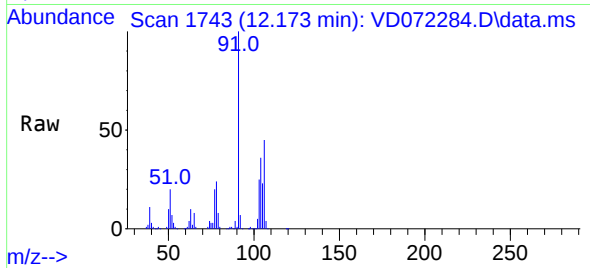
Tgt Ion:106 Resp: 307199
Ion Ratio Lower Upper
106 100
91 202.5 163.7 245.5





#69
o-Xylene
Concen: 19.816 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

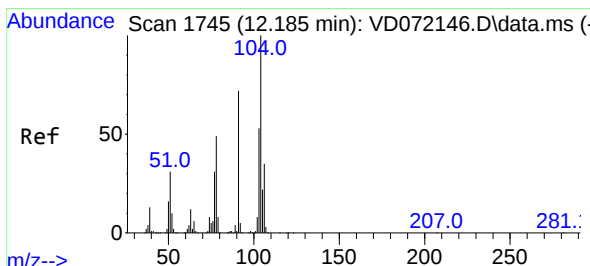
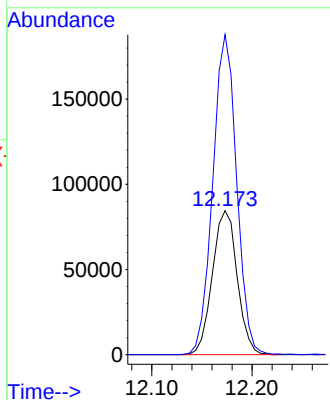
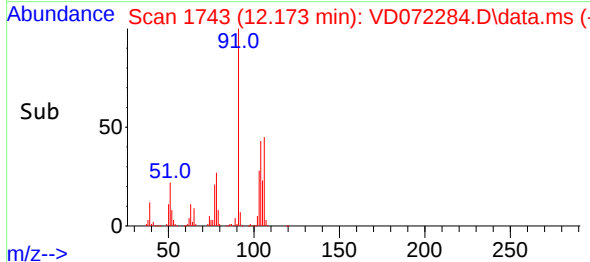
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



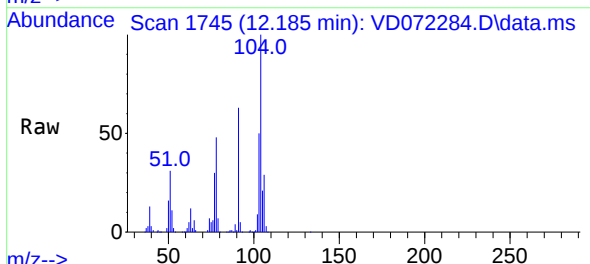
Tgt Ion:106 Resp: 144937
Ion Ratio Lower Upper
106 100
91 214.1 110.4 331.2

Manual Integrations
APPROVED

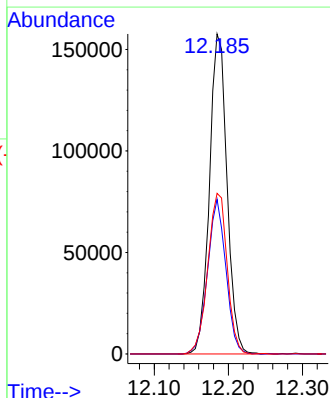
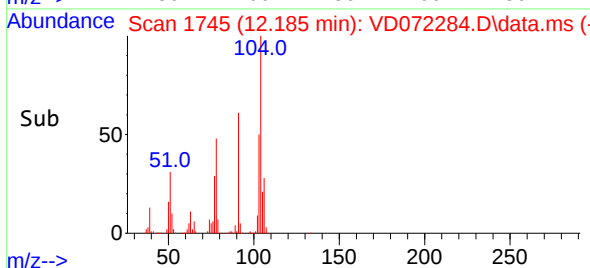
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

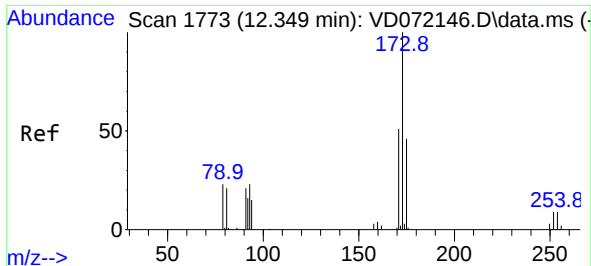


#70
Styrene
Concen: 20.324 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28



Tgt Ion:104 Resp: 259576
Ion Ratio Lower Upper
104 100
78 50.3 41.8 62.8
103 55.3 44.2 66.4





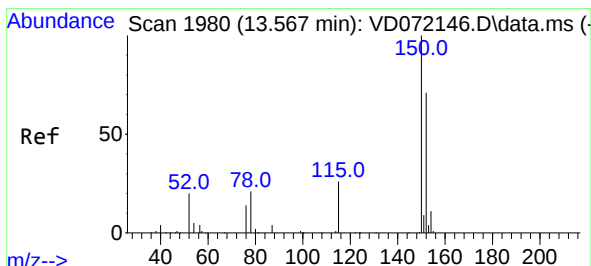
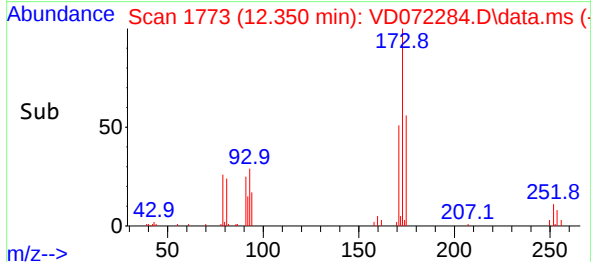
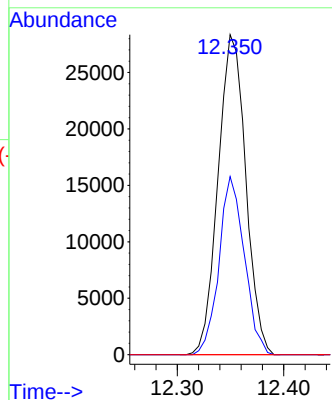
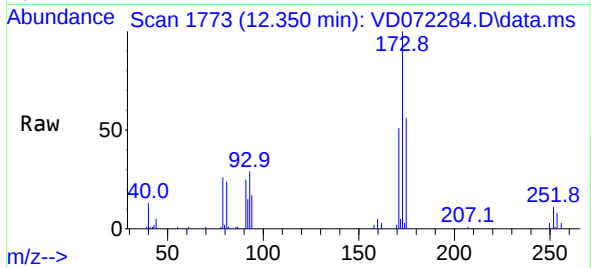
#71
Bromoform
Concen: 21.492 ug/l
RT: 12.350 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

Tgt Ion:173 Resp: 51180
Ion Ratio Lower Upper
173 100
175 50.9 23.9 71.8
254 0.0 0.0 0.0

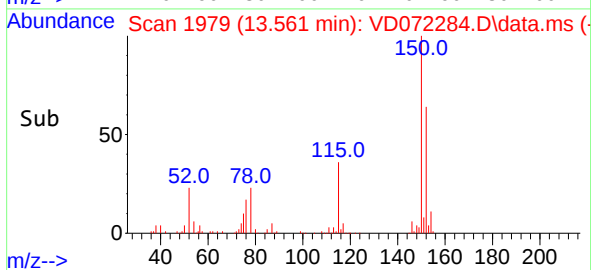
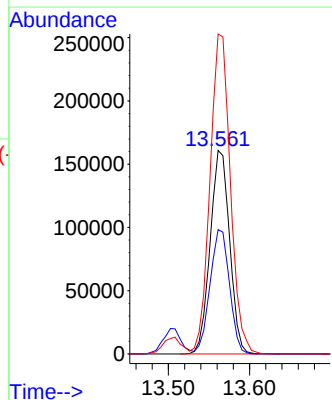
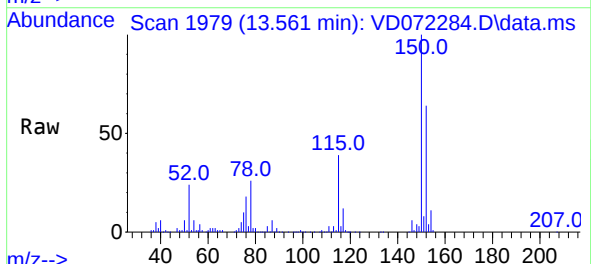
Manual Integrations
APPROVED

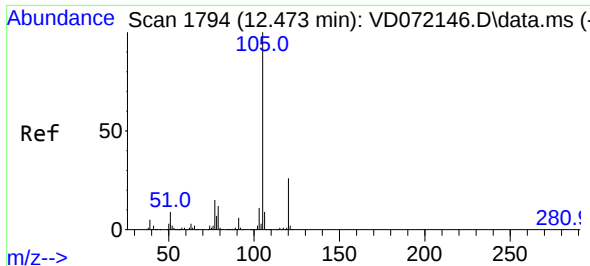
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

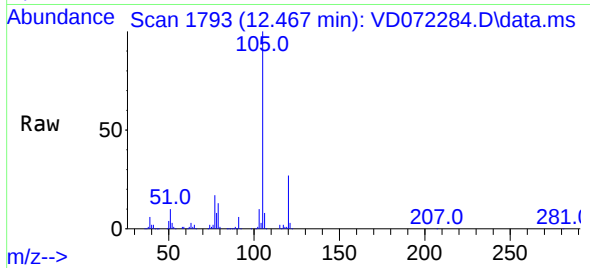
Tgt Ion:152 Resp: 267971
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 164.7 0.0 348.6





#73
Isopropylbenzene
Concen: 19.271 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

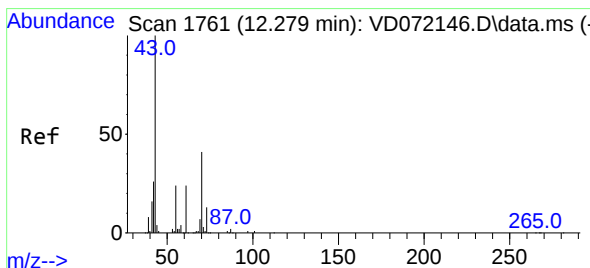
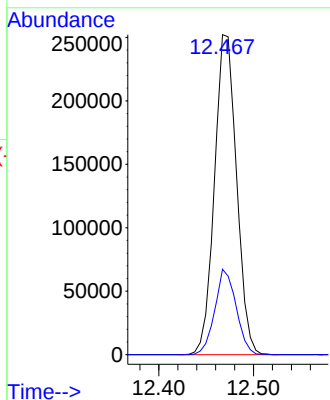
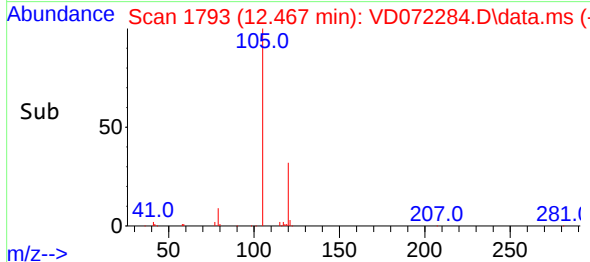
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



Tgt Ion:105 Resp: 409225
Ion Ratio Lower Upper
105 100
120 25.7 13.0 38.9

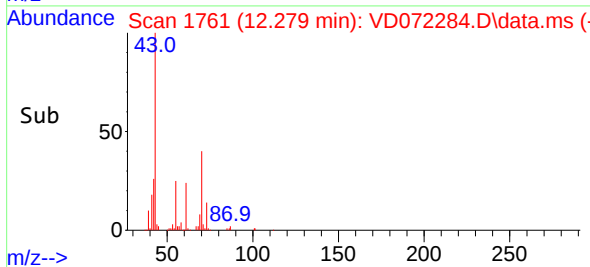
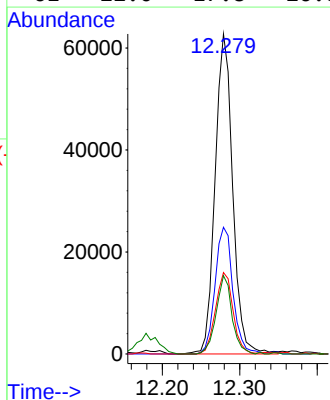
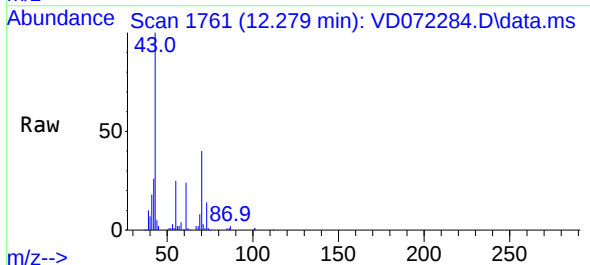
Manual Integrations
APPROVED

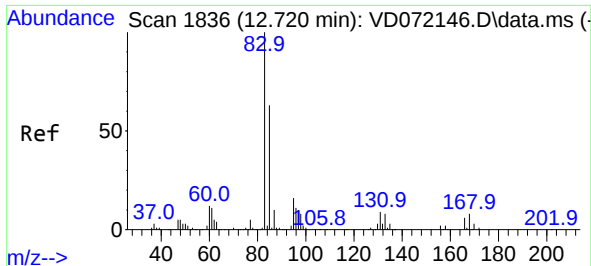
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#74
N-ethyl acetate
Concen: 21.702 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

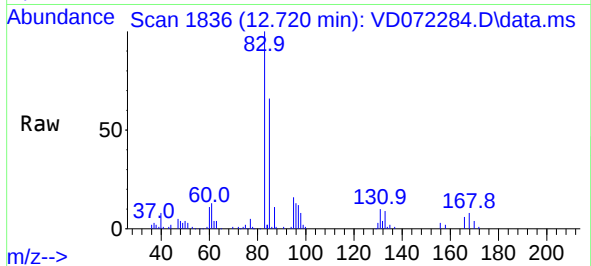
Tgt Ion: 43 Resp: 99039
Ion Ratio Lower Upper
43 100
70 40.2 31.3 46.9
55 25.3 20.0 30.0
61 22.0 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 21.524 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

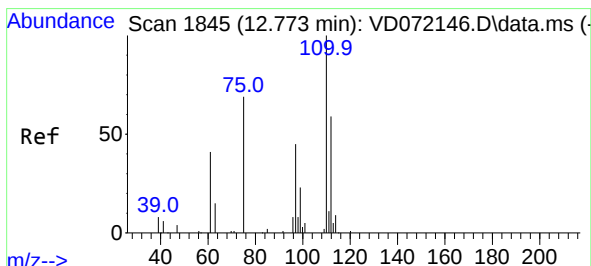
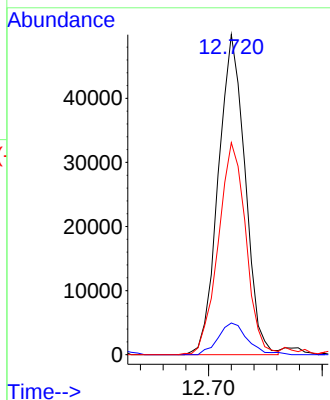
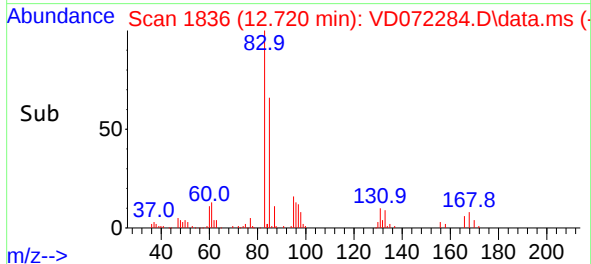
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



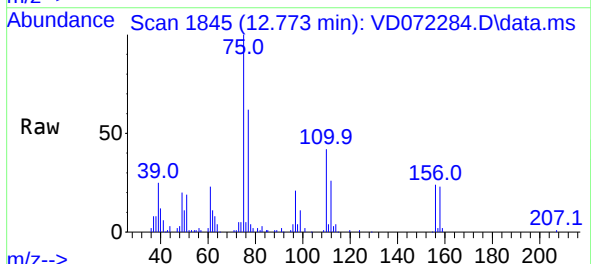
Tgt Ion: 83 Resp: 81740
Ion Ratio Lower Upper
83 100
131 10.9 5.0 14.9
85 68.2 32.6 98.0

Manual Integrations
APPROVED

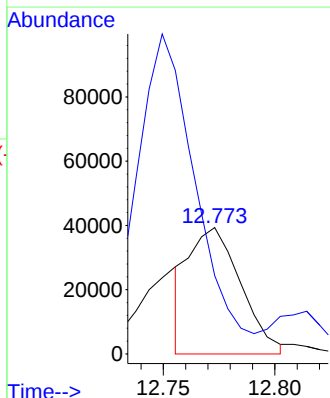
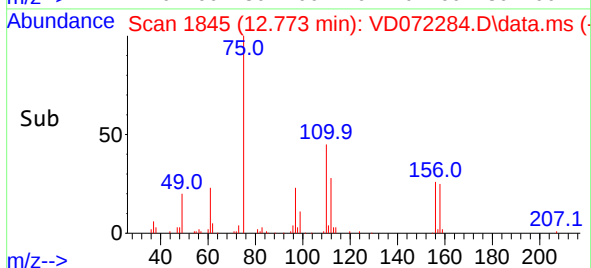
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

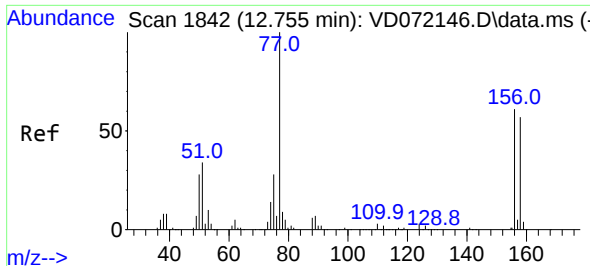


#76
1,2,3-Trichloropropane
Concen: 21.486 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28



Tgt Ion: 75 Resp: 63512
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





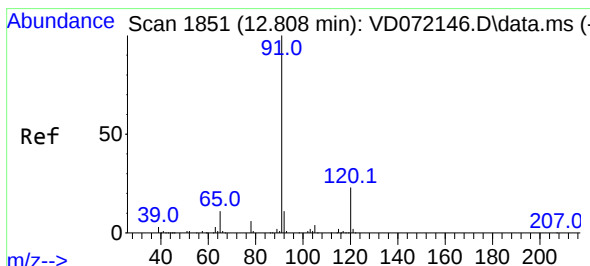
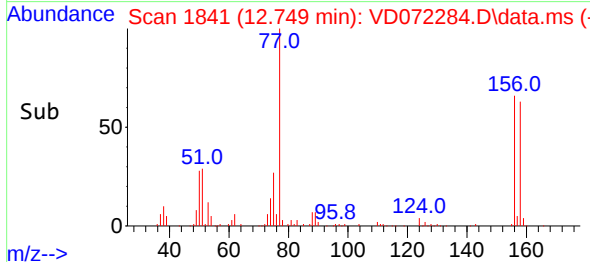
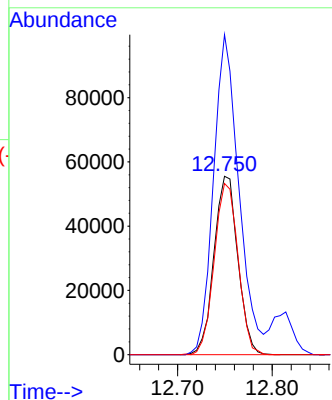
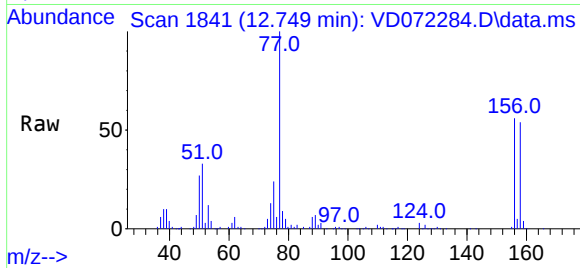
#77
Bromobenzene
Concen: 20.376 ug/l
RT: 12.749 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

Tgt Ion:156 Resp: 97390
Ion Ratio Lower Upper
156 100
77 190.2 102.8 308.3
158 95.7 48.7 146.1

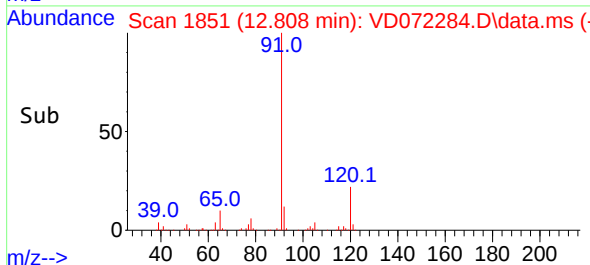
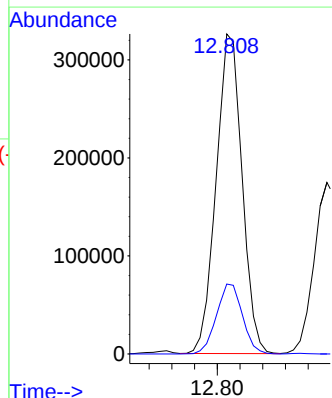
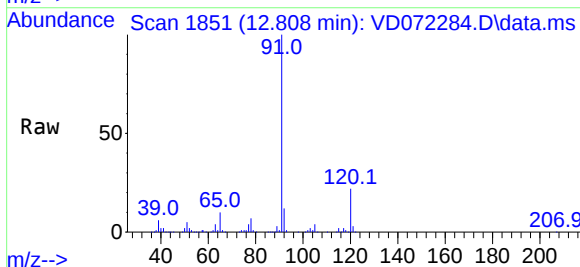
Manual Integrations
APPROVED

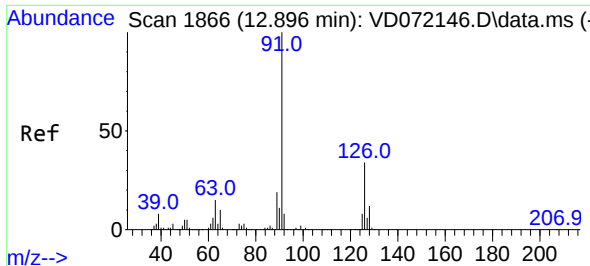
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#78
n-propylbenzene
Concen: 20.039 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

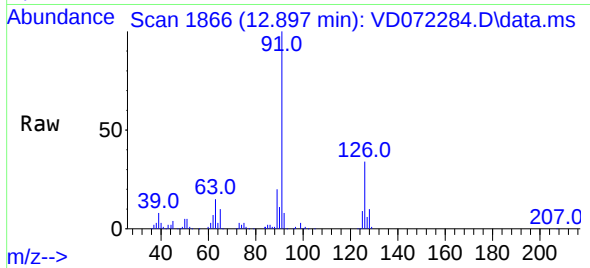
Tgt Ion: 91 Resp: 516870
Ion Ratio Lower Upper
91 100
120 21.9 10.9 32.9





#79
2-Chlorotoluene
Concen: 20.075 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

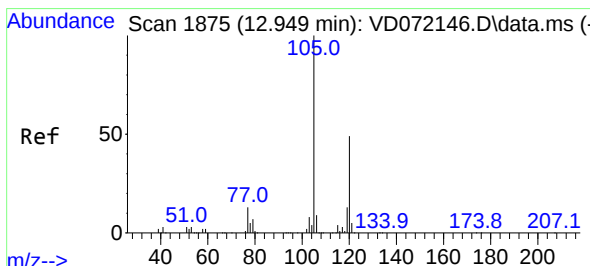
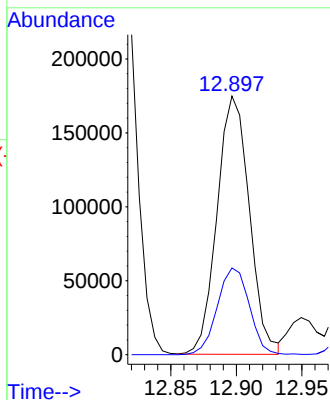
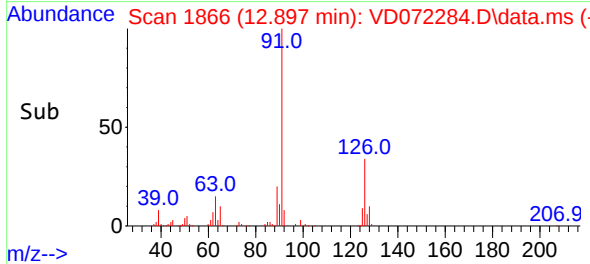
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



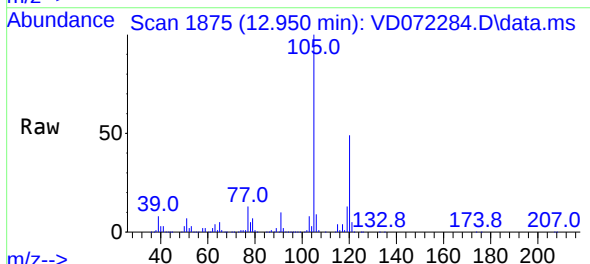
Tgt Ion: 91 Resp: 299420
Ion Ratio Lower Upper
91 100
126 33.3 16.2 48.6

Manual Integrations
APPROVED

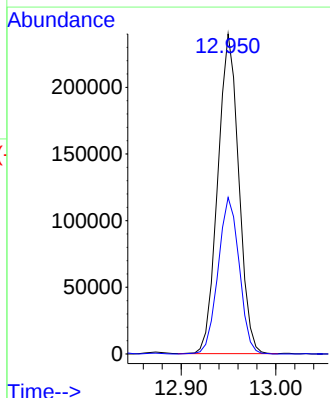
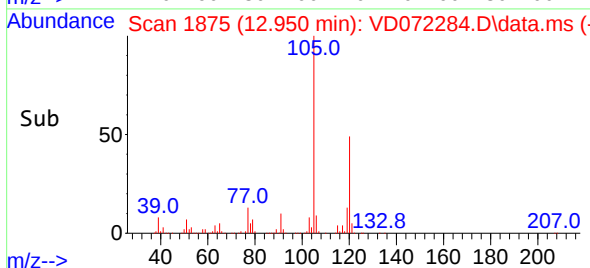
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

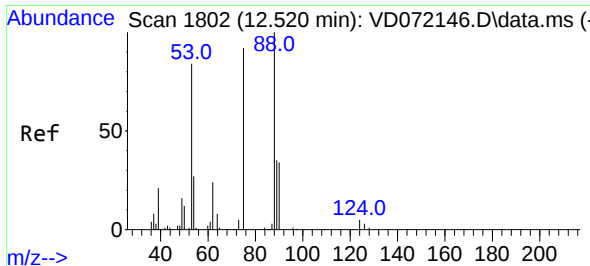


#80
1,3,5-Trimethylbenzene
Concen: 20.259 ug/l
RT: 12.950 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28



Tgt Ion:105 Resp: 369584
Ion Ratio Lower Upper
105 100
120 49.2 24.3 72.8





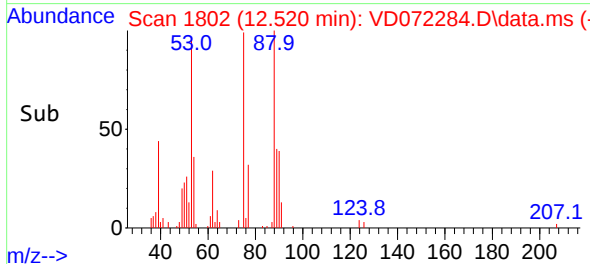
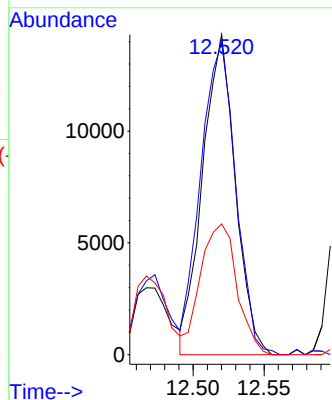
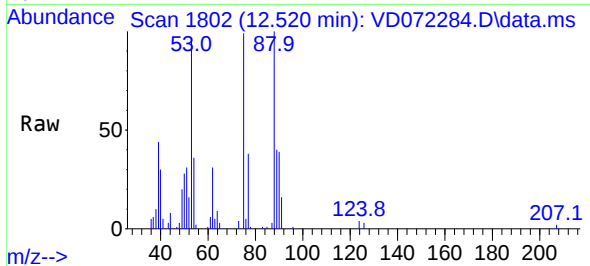
#81
trans-1,4-Dichloro-2-butene
Concen: 19.212 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

Tgt Ion: 75 Resp: 22889
Ion Ratio Lower Upper
75 100
53 104.9 86.5 129.7
89 45.8 33.9 50.9

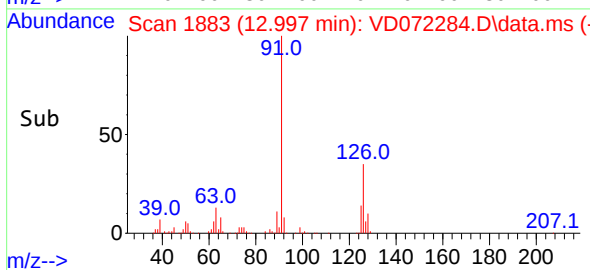
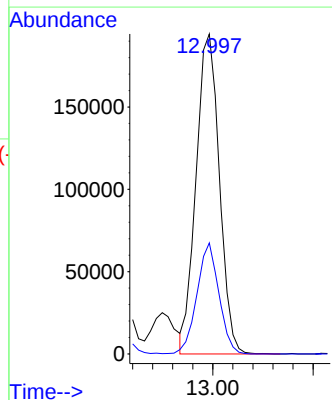
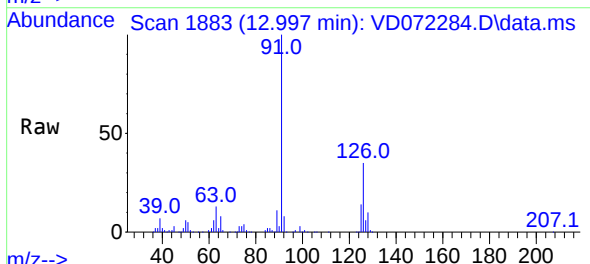
Manual Integrations
APPROVED

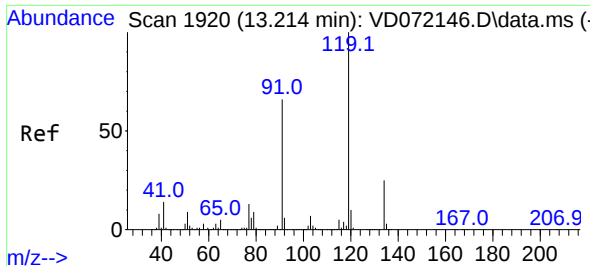
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#82
4-Chlorotoluene
Concen: 20.348 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

Tgt Ion: 91 Resp: 314235
Ion Ratio Lower Upper
91 100
126 32.8 16.5 49.5





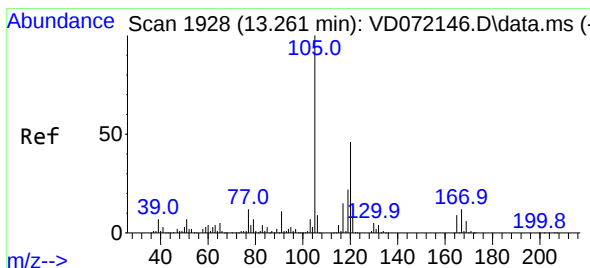
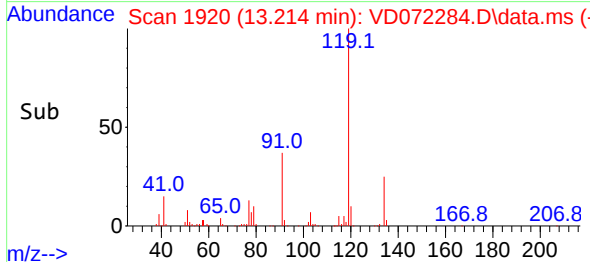
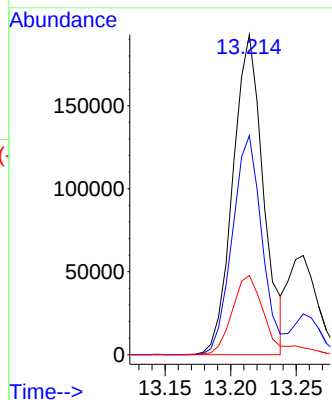
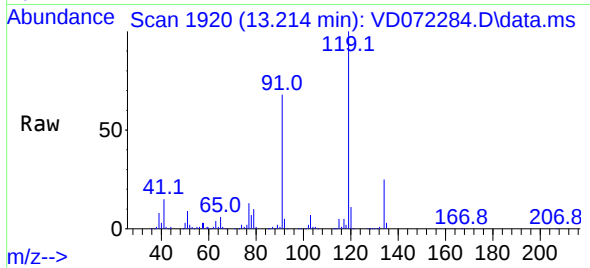
#83
tert-Butylbenzene
Concen: 19.484 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

Tgt Ion:119 Resp: 31162
Ion Ratio Lower Upper
119 100
91 66.4 34.8 104.5
134 27.2 13.3 39.9

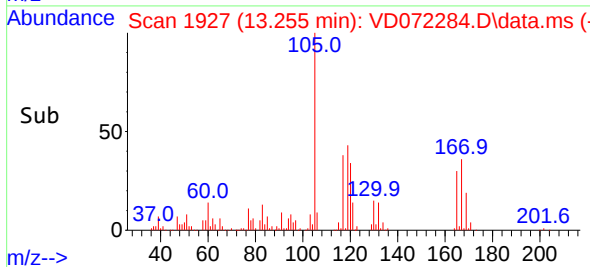
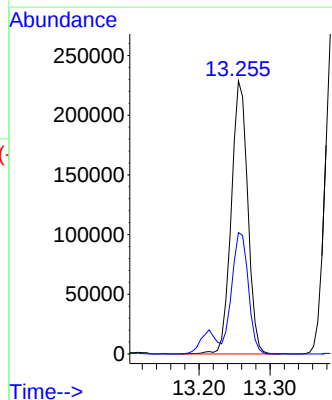
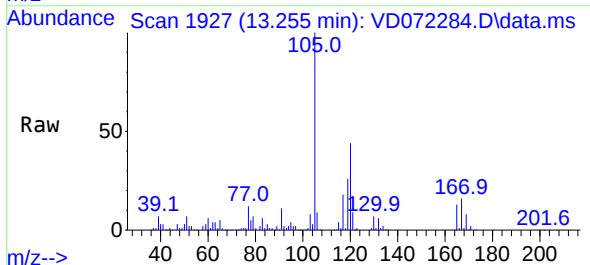
Manual Integrations
APPROVED

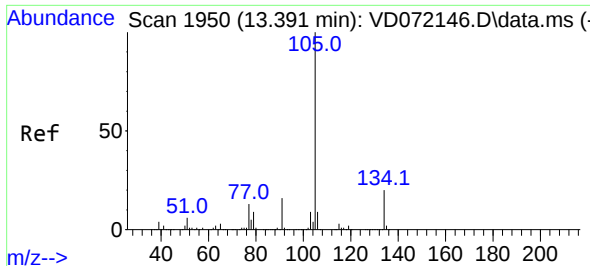
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.475 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

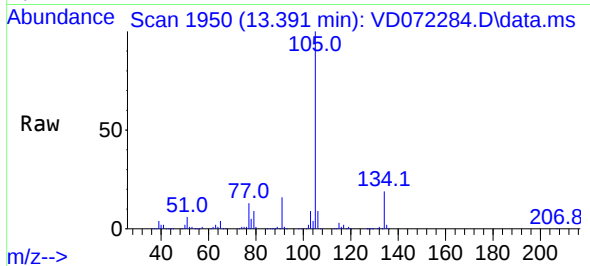
Tgt Ion:105 Resp: 368039
Ion Ratio Lower Upper
105 100
120 44.5 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 20.022 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072284.D
 Acq: 18 Mar 2022 12:28

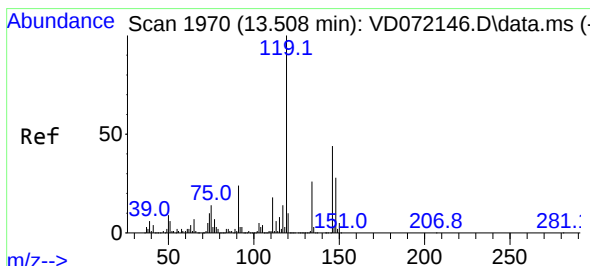
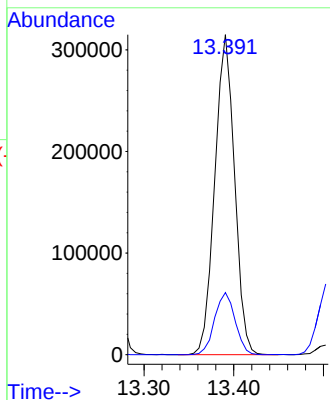
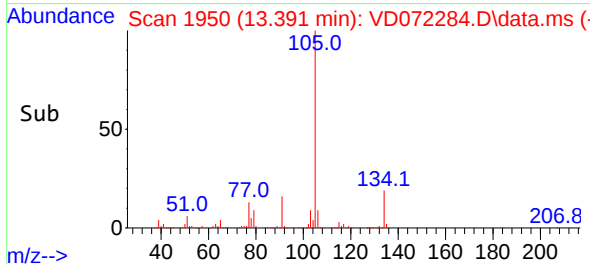
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBS01



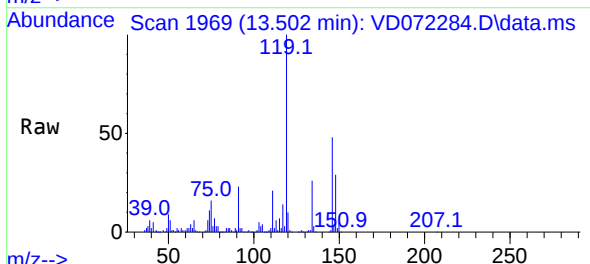
Tgt Ion:105 Resp: 480915
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3

Manual Integrations
 APPROVED

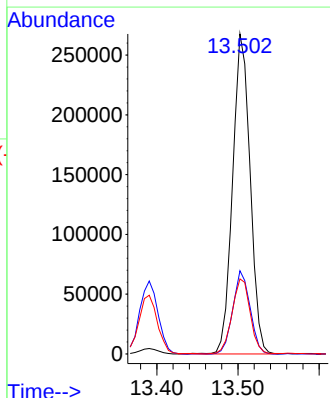
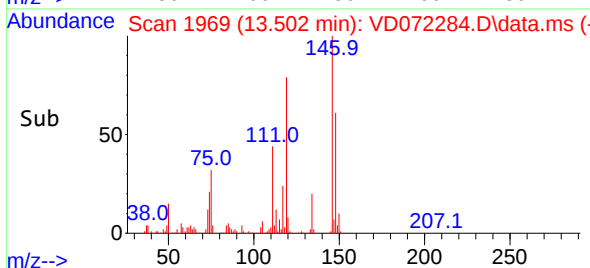
Reviewed By :John Carlone 03/21/2022
 Supervised By :Mahesh Dadoda 03/21/2022

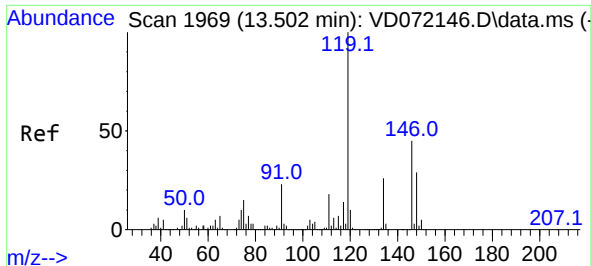


#86
 p-Isopropyltoluene
 Concen: 20.242 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD072284.D
 Acq: 18 Mar 2022 12:28



Tgt Ion:119 Resp: 400084
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.6
 91 24.3 12.1 36.3





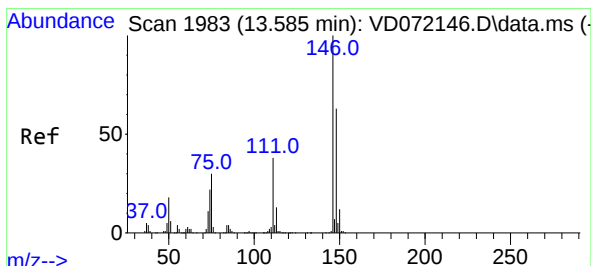
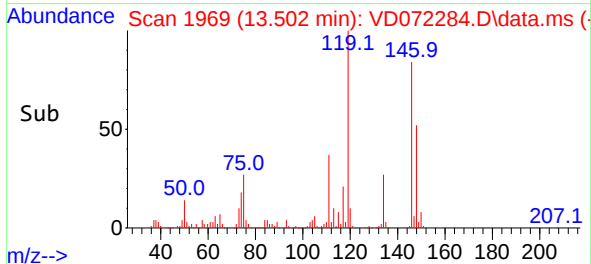
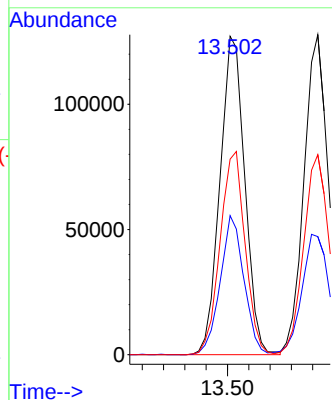
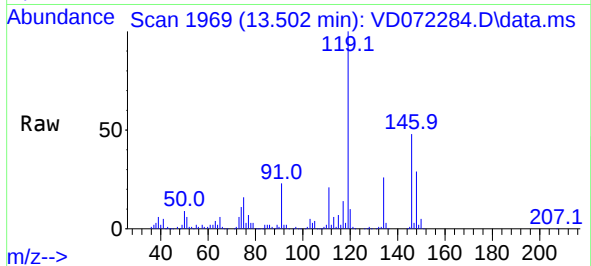
#87
1,3-Dichlorobenzene
Concen: 20.553 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

Tgt Ion:146 Resp: 20587
Ion Ratio Lower Upper
146 100
111 41.7 20.4 61.3
148 64.4 31.9 95.7

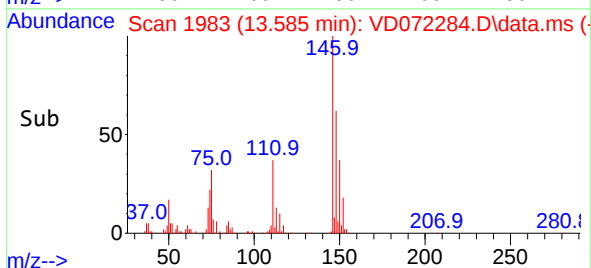
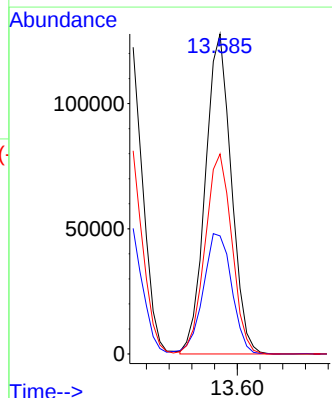
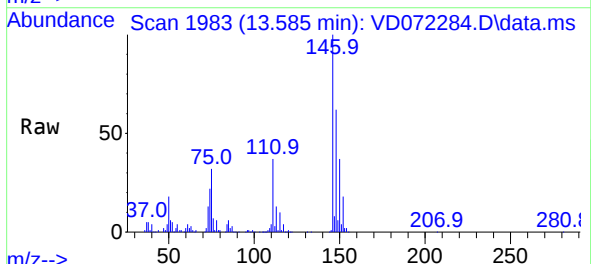
Manual Integrations
APPROVED

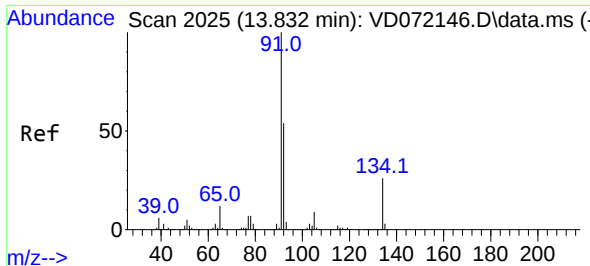
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#88
1,4-Dichlorobenzene
Concen: 20.420 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

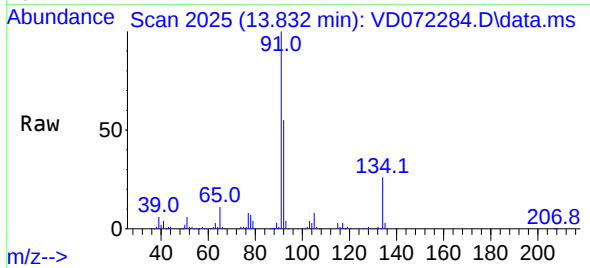
Tgt Ion:146 Resp: 202837
Ion Ratio Lower Upper
146 100
111 41.6 20.3 60.9
148 64.7 31.7 95.1





#89
n-Butylbenzene
Concen: 20.242 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

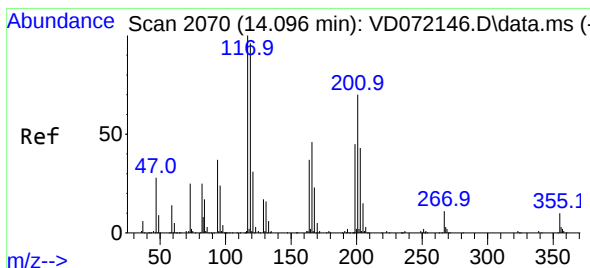
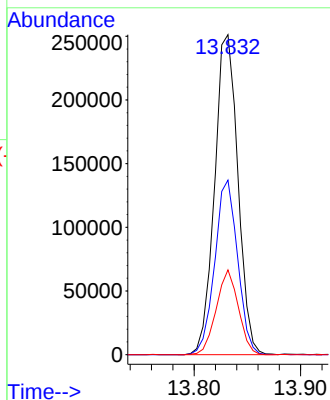
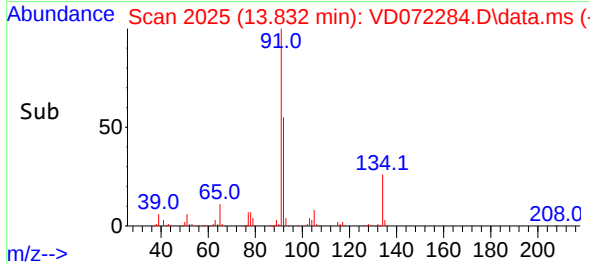
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



Tgt Ion: 91 Resp: 38133
Ion Ratio Lower Upper
91 100
92 53.5 26.6 79.8
134 25.2 12.3 36.9

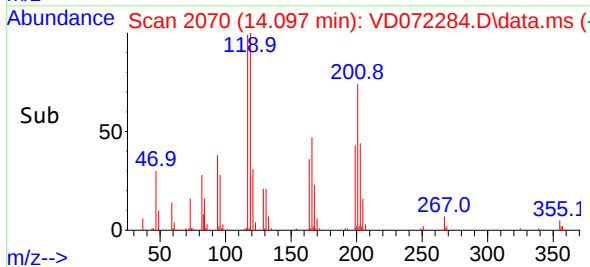
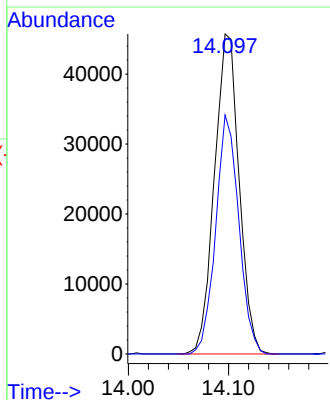
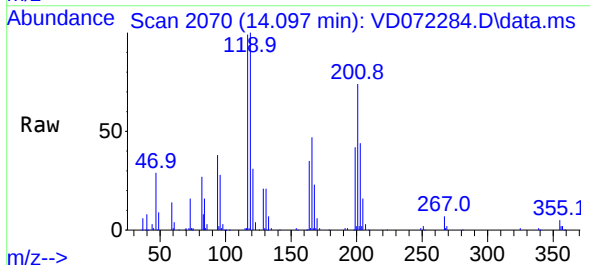
Manual Integrations
APPROVED

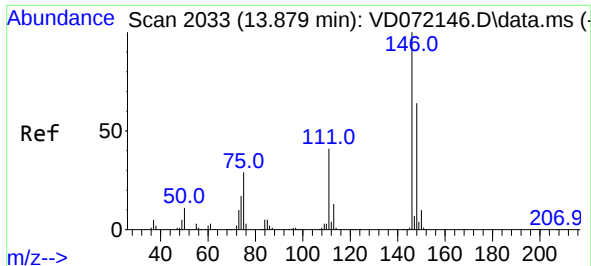
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#90
Hexachloroethane
Concen: 20.203 ug/l
RT: 14.097 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

Tgt Ion:117 Resp: 78263
Ion Ratio Lower Upper
117 100
201 69.9 33.4 100.2





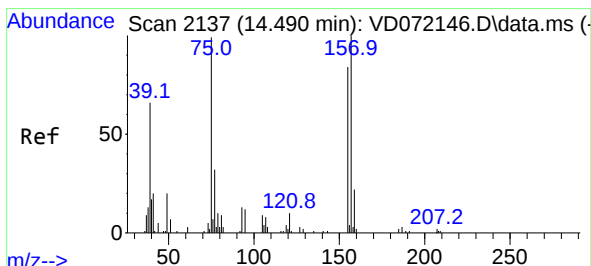
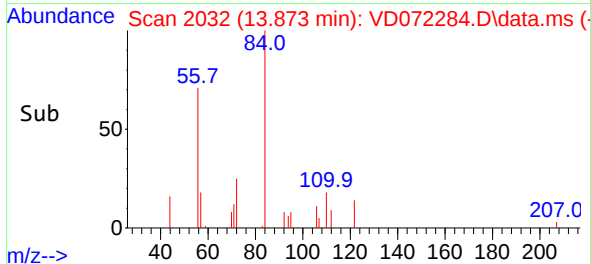
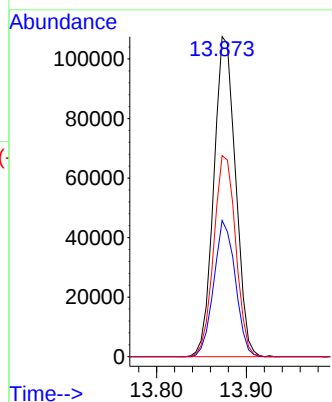
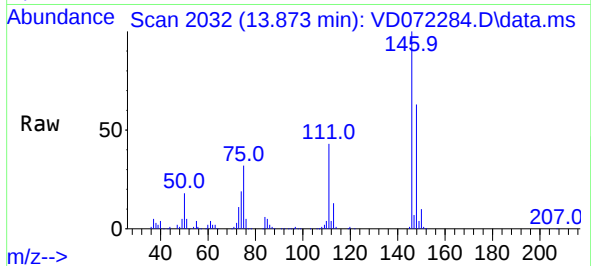
#91
1,2-Dichlorobenzene
Concen: 20.771 ug/l
RT: 13.873 min Scan# 2033
Delta R.T. -0.006 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

Tgt Ion:146 Resp: 18140
Ion Ratio Lower Upper
146 100
111 42.0 21.1 63.3
148 63.5 31.7 95.1

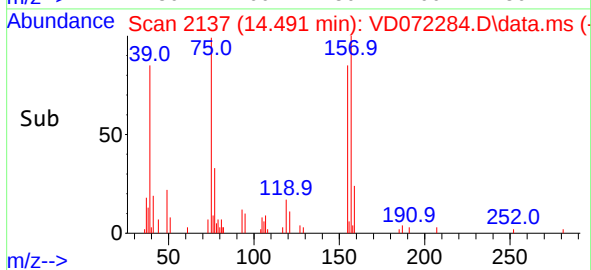
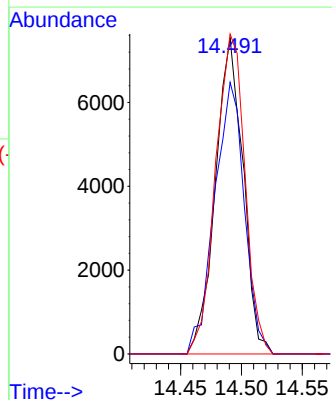
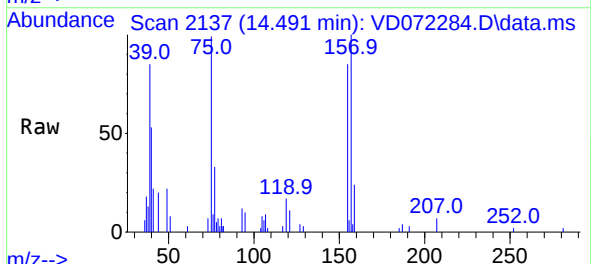
Manual Integrations
APPROVED

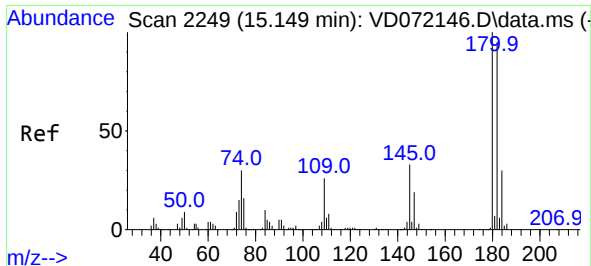
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.642 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

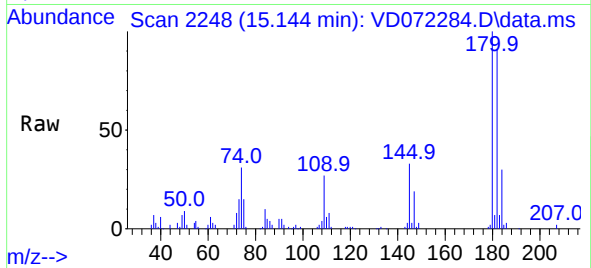
Tgt Ion: 75 Resp: 11905
Ion Ratio Lower Upper
75 100
155 92.7 36.8 110.3
157 107.3 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 19.848 ug/l
RT: 15.144 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

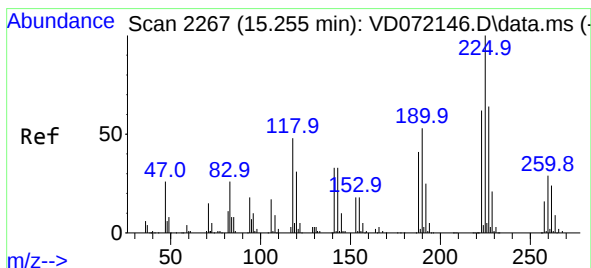
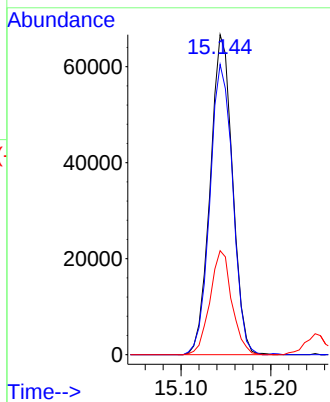
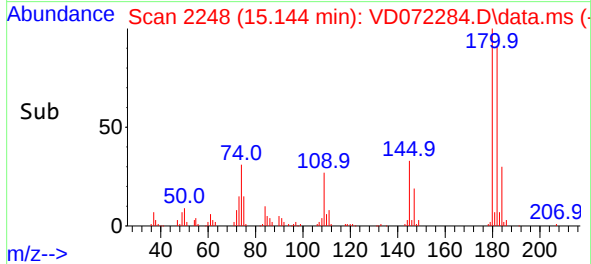
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



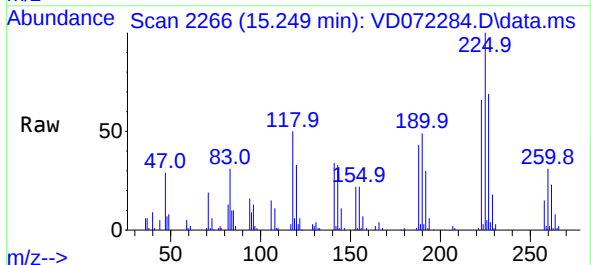
Tgt Ion:180 Resp: 11476
Ion Ratio Lower Upper
180 100
182 93.1 47.3 142.0
145 31.9 16.2 48.5

Manual Integrations
APPROVED

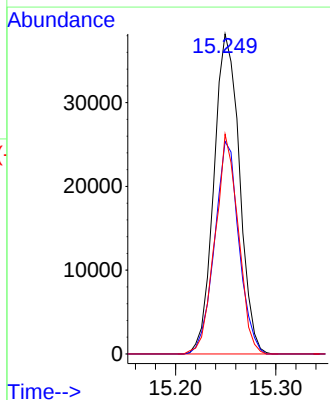
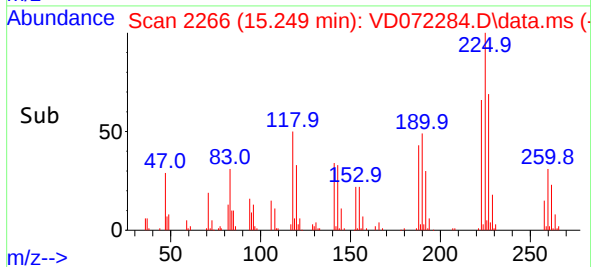
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#94
Hexachlorobutadiene
Concen: 20.086 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28



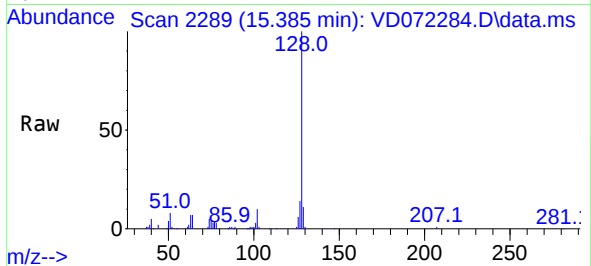
Tgt Ion:225 Resp: 67558
Ion Ratio Lower Upper
225 100
223 63.5 31.1 93.2
227 62.4 32.4 97.0





#95
Naphthalene
Concen: 19.515 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28

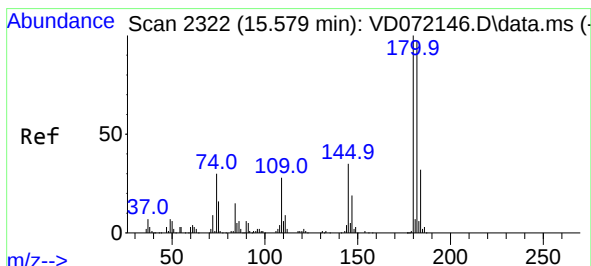
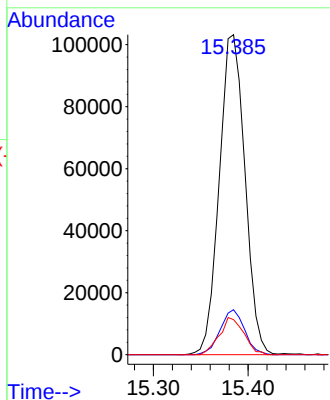
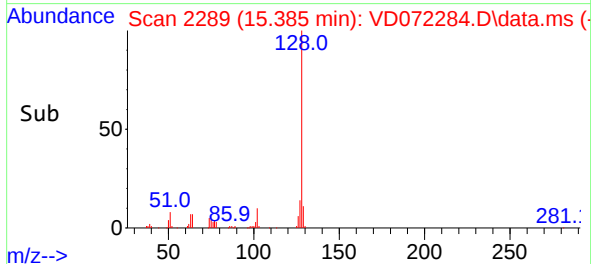
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



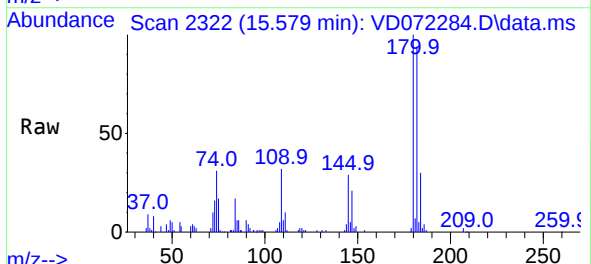
Tgt Ion:128 Resp: 194508
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 11.1 8.4 12.6

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 19.875 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD072284.D
Acq: 18 Mar 2022 12:28



Tgt Ion:180 Resp: 99472
Ion Ratio Lower Upper
180 100
182 95.1 47.6 142.9
145 33.1 17.1 51.3

