

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
 Data File : VD072239.D
 Acq On : 17 Mar 2022 12:24
 Operator : VA/SY
 Sample : VD0317SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0317SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2022
 Supervised By : Mahesh Dadoda 03/18/2022

Quant Time: Mar 17 17:59:12 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	404969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	659430	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	610655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	308607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	235790	52.245	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.500%			
35) Dibromofluoromethane	7.908	113	232655	50.136	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.280%			
50) Toluene-d8	10.338	98	861380	50.765	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.540%			
62) 4-Bromofluorobenzene	12.626	95	319581	48.473	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	69115	18.452	ug/l	99
3) Chloromethane	2.209	50	60974	18.319	ug/l	91
4) Vinyl Chloride	2.350	62	60032	18.685	ug/l	96
5) Bromomethane	2.756	94	39705	18.978	ug/l	95
6) Chloroethane	2.915	64	42532	20.022	ug/l	99
7) Trichlorofluoromethane	3.267	101	135754	18.710	ug/l	96
8) Diethyl Ether	3.709	74	40441	20.181	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.085	101	88754	19.184	ug/l	96
10) Methyl Iodide	4.297	142	55688	15.064	ug/l	99
11) Tert butyl alcohol	5.214	59	30035	114.779	ug/l	99
12) 1,1-Dichloroethene	4.067	96	68219	18.329	ug/l	92
13) Acrolein	3.920	56	24712	105.833	ug/l	95
14) Allyl chloride	4.714	41	124395	19.116	ug/l	95
15) Acrylonitrile	5.420	53	108789	107.592	ug/l	98
16) Acetone	4.156	43	94566	96.506	ug/l	95
17) Carbon Disulfide	4.409	76	112167	14.034	ug/l	99
18) Methyl Acetate	4.714	43	61801	25.736	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	210906	20.848	ug/l	94
20) Methylene Chloride	4.956	84	117267	20.372	ug/l	88
21) trans-1,2-Dichloroethene	5.473	96	75313	18.294	ug/l	91
22) Diisopropyl ether	6.361	45	315823	21.278	ug/l	96
23) Vinyl Acetate	6.303	43	747873	98.727	ug/l	97
24) 1,1-Dichloroethane	6.261	63	176474	20.160	ug/l	99
25) 2-Butanone	7.214	43	138660	106.130	ug/l	94
26) 2,2-Dichloropropane	7.208	77	151386	19.167	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	102403	19.484	ug/l	96
28) Bromochloromethane	7.550	49	68976	19.573	ug/l	87
29) Tetrahydrofuran	7.561	42	81602	106.219	ug/l	94
30) Chloroform	7.708	83	191605	20.546	ug/l	99
31) Cyclohexane	7.985	56	126697	17.968	ug/l #	84
32) 1,1,1-Trichloroethane	7.903	97	161090	19.449	ug/l	97
36) 1,1-Dichloropropene	8.114	75	118208	18.158	ug/l	97
37) Ethyl Acetate	7.291	43	58804	20.621	ug/l #	94
38) Carbon Tetrachloride	8.097	117	135022	18.246	ug/l	96
39) Methylcyclohexane	9.350	83	123343	16.837	ug/l	93
40) Benzene	8.350	78	348271	18.752	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
 Data File : VD072239.D
 Acq On : 17 Mar 2022 12:24
 Operator : VA/SY
 Sample : VD0317SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0317SBS01

Quant Time: Mar 17 17:59:12 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2022
 Supervised By : Mahesh Dadoda 03/18/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	34981	21.046	ug/l	90
42) 1,2-Dichloroethane	8.420	62	110549	19.622	ug/l	97
43) Isopropyl Acetate	8.450	43	117893	21.300	ug/l	97
44) Trichloroethene	9.108	130	96472	18.503	ug/l	96
45) 1,2-Dichloropropane	9.385	63	104013	20.421	ug/l	98
46) Dibromomethane	9.467	93	48671	19.426	ug/l	93
47) Bromodichloromethane	9.655	83	147786	20.233	ug/l #	97
48) Methyl methacrylate	9.455	41	56314	21.308	ug/l	93
49) 1,4-Dioxane	9.461	88	13635	453.816	ug/l	100
51) 4-Methyl-2-Pentanone	10.226	43	318626	109.605	ug/l	97
52) Toluene	10.397	92	235648	19.282	ug/l	95
53) t-1,3-Dichloropropene	10.614	75	132827	19.904	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	151861	19.685	ug/l	94
55) 1,1,2-Trichloroethane	10.791	97	80458	21.080	ug/l	98
56) Ethyl methacrylate	10.655	69	89679	20.060	ug/l	90
57) 1,3-Dichloropropane	10.938	76	132765	20.726	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	212014	105.476	ug/l	98
59) 2-Hexanone	10.979	43	215577	107.369	ug/l	97
60) Dibromochloromethane	11.132	129	100614	20.315	ug/l	98
61) 1,2-Dibromoethane	11.238	107	66866	19.388	ug/l	98
64) Tetrachloroethene	10.867	164	78992	18.359	ug/l	98
65) Chlorobenzene	11.661	112	266898	19.715	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	109566	20.466	ug/l	98
67) Ethyl Benzene	11.738	91	467633	19.340	ug/l	99
68) m/p-Xylenes	11.849	106	356319	38.809	ug/l	99
69) o-Xylene	12.173	106	167087	19.026	ug/l	99
70) Styrene	12.185	104	304145	19.833	ug/l	98
71) Bromoform	12.355	173	58242	20.366	ug/l #	98
73) Isopropylbenzene	12.473	105	485640	19.858	ug/l	100
74) N-amyl acetate	12.279	43	114649	21.815	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	93591	21.398	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	75075m	22.054	ug/l	
77) Bromobenzene	12.749	156	108900	19.784	ug/l	94
78) n-propylbenzene	12.814	91	594948	20.029	ug/l	99
79) 2-Chlorotoluene	12.896	91	344257	20.042	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	429870	20.461	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	26895	19.602	ug/l	93
82) 4-Chlorotoluene	12.996	91	359827	20.232	ug/l	99
83) tert-Butylbenzene	13.214	119	365837	19.861	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	411030	19.855	ug/l	98
85) sec-Butylbenzene	13.390	105	562213	20.325	ug/l	100
86) p-Isopropyltoluene	13.502	119	461640	20.281	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	232252	20.133	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	232551	20.329	ug/l	100
89) n-Butylbenzene	13.832	91	438086	20.192	ug/l	99
90) Hexachloroethane	14.096	117	88798	19.905	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	207268	20.608	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	15632	22.395	ug/l	95
93) 1,2,4-Trichlorobenzene	15.149	180	129918	19.511	ug/l	99
94) Hexachlorobutadiene	15.255	225	75530	19.499	ug/l	98
95) Naphthalene	15.384	128	229391	19.984	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	113818	19.747	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
Data File : VD072239.D
Acq On : 17 Mar 2022 12:24
Operator : VA/SY
Sample : VD0317SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

Quant Time: Mar 17 17:59:12 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

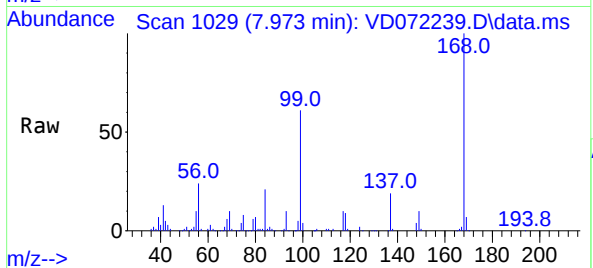
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

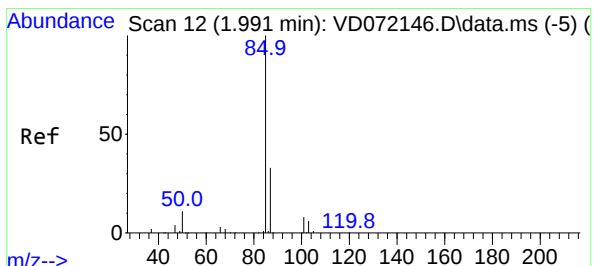
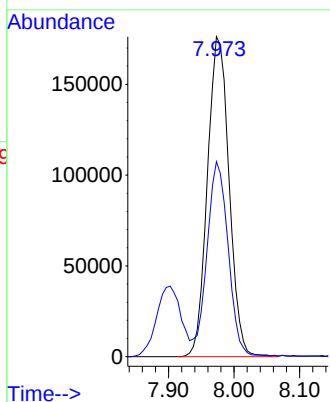
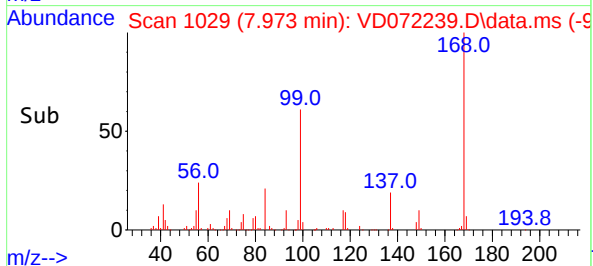
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



Tgt Ion:168 Resp: 404969
Ion Ratio Lower Upper
168 100
99 60.8 49.8 74.6

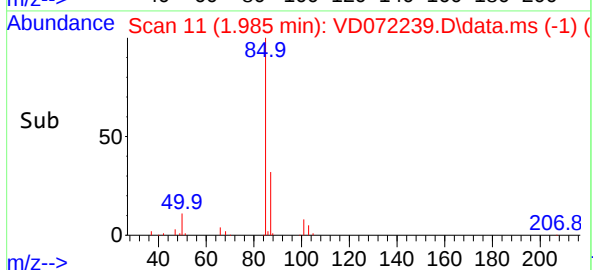
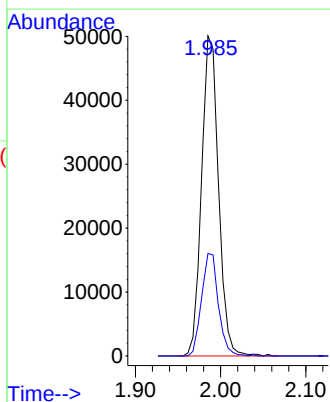
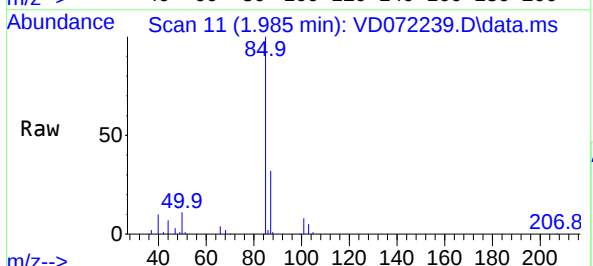
Manual Integrations
APPROVED

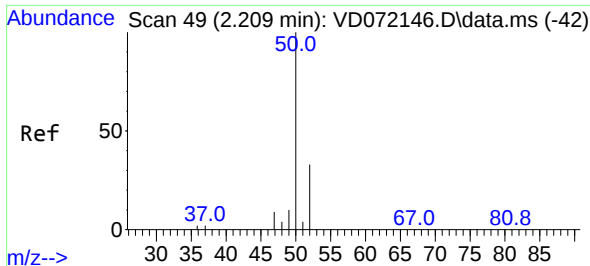
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#2
Dichlorodifluoromethane
Concen: 18.452 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

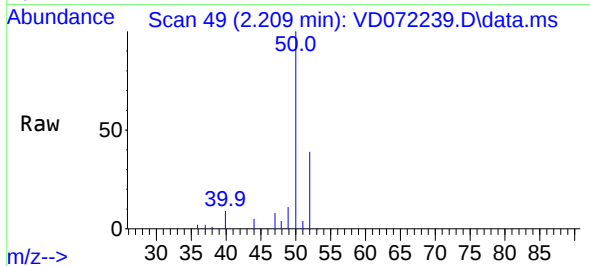
Tgt Ion: 85 Resp: 69115
Ion Ratio Lower Upper
85 100
87 32.0 15.7 47.0





#3
Chloromethane
Concen: 18.319 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

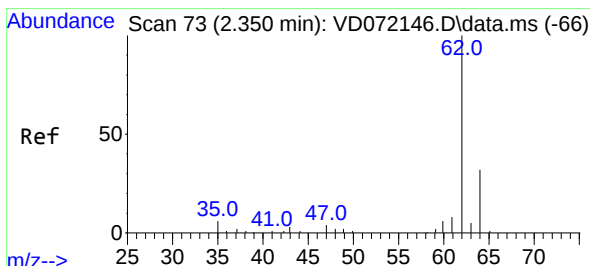
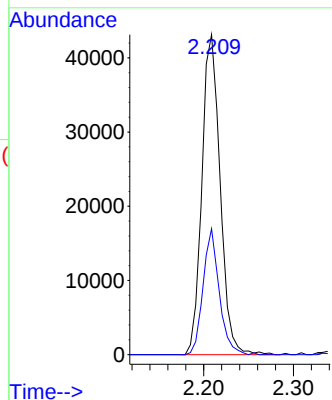
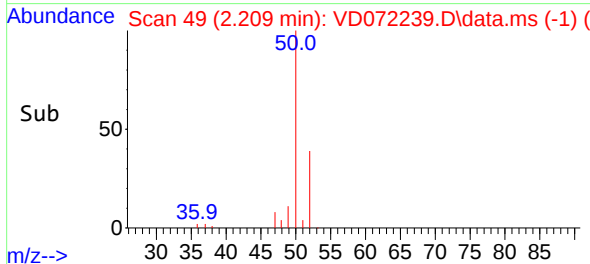
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



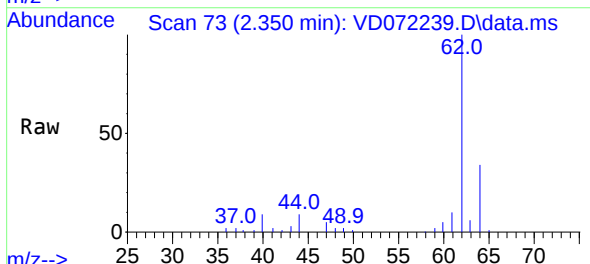
Tgt Ion: 50 Resp: 60974
Ion Ratio Lower Upper
50 100
52 39.4 27.4 41.0

Manual Integrations
APPROVED

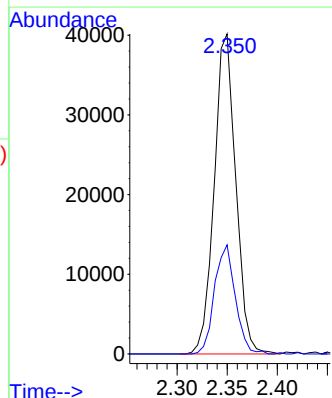
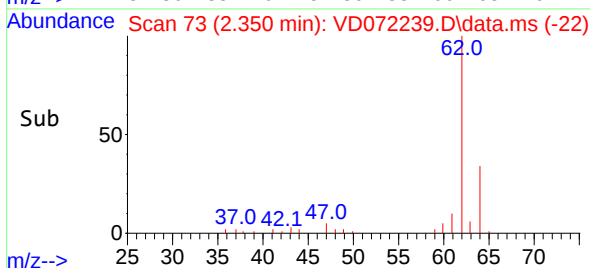
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

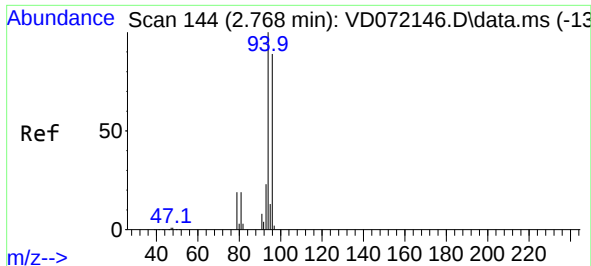


#4
Vinyl Chloride
Concen: 18.685 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24



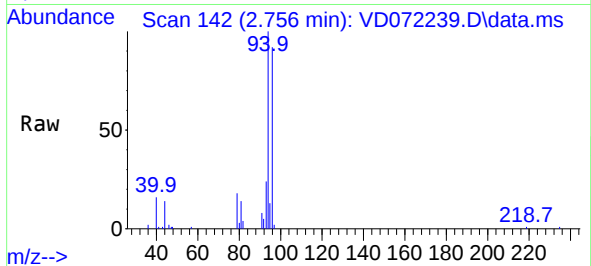
Tgt Ion: 62 Resp: 60032
Ion Ratio Lower Upper
62 100
64 34.1 25.4 38.0





#5
Bromomethane
Concen: 18.978 ug/l
RT: 2.756 min Scan# 144
Delta R.T. -0.012 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

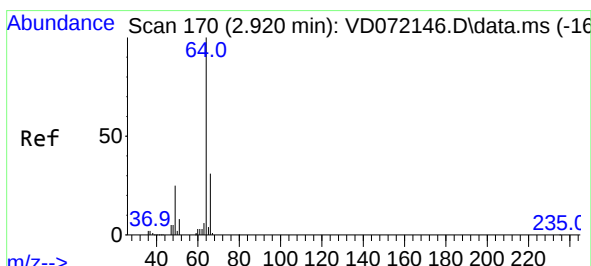
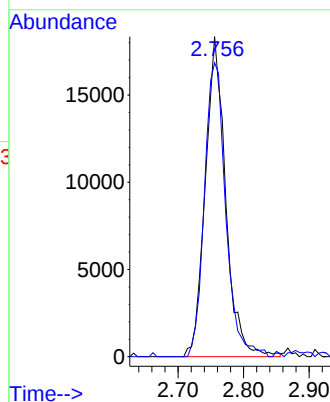
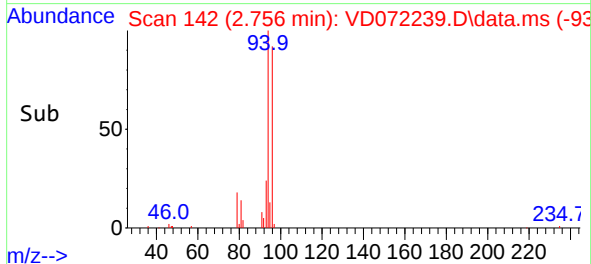
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



Tgt Ion: 94 Resp: 3970
Ion Ratio Lower Upper
94 100
96 91.8 77.6 116.4

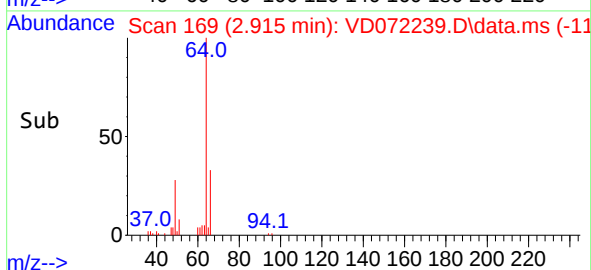
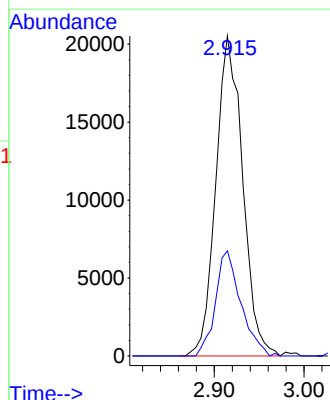
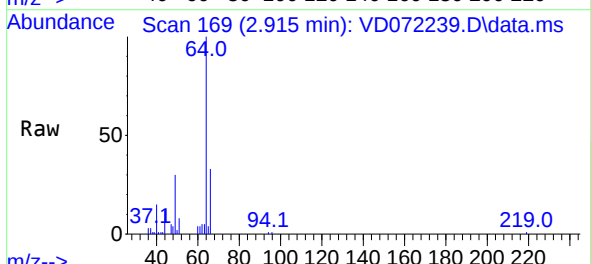
Manual Integrations
APPROVED

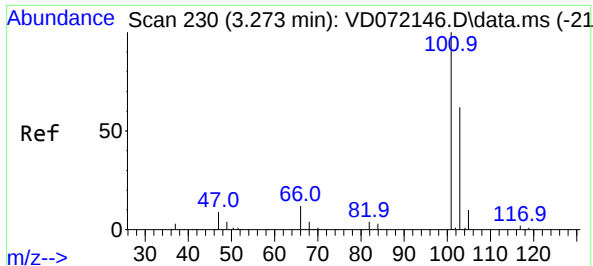
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#6
Chloroethane
Concen: 20.022 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

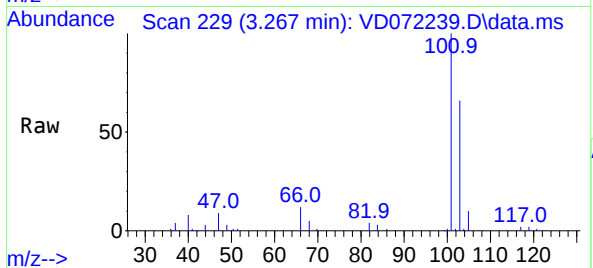
Tgt Ion: 64 Resp: 42532
Ion Ratio Lower Upper
64 100
66 32.9 25.9 38.9





#7
Trichlorofluoromethane
Concen: 18.710 ug/l
RT: 3.267 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

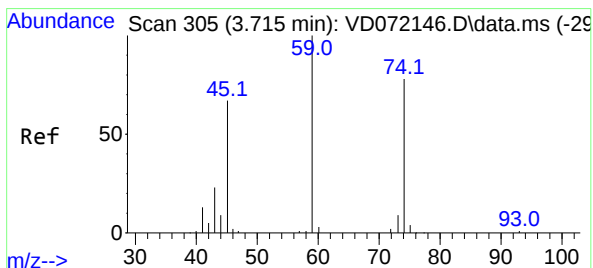
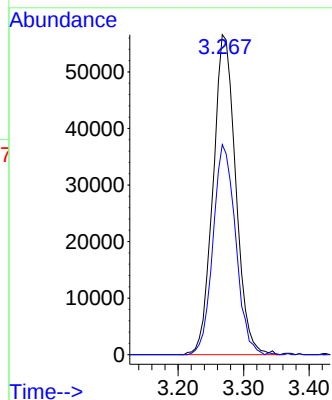
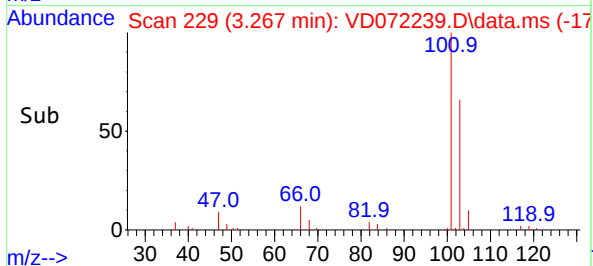
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



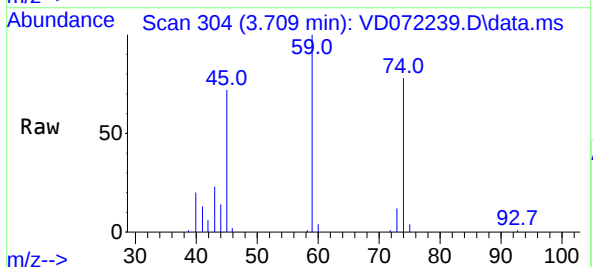
Tgt Ion:101 Resp: 135754
Ion Ratio Lower Upper
101 100
103 65.7 50.1 75.1

Manual Integrations
APPROVED

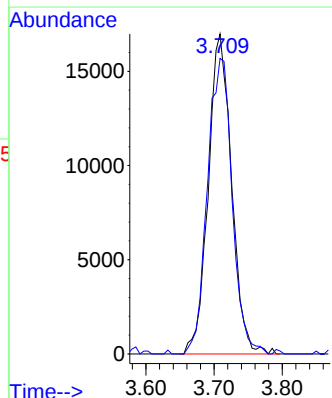
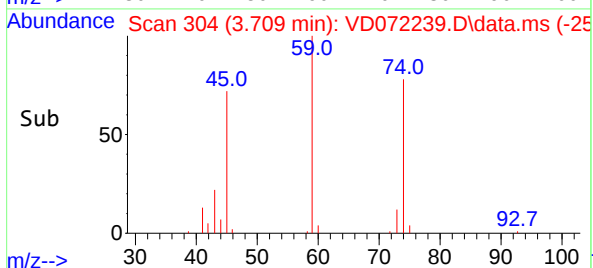
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

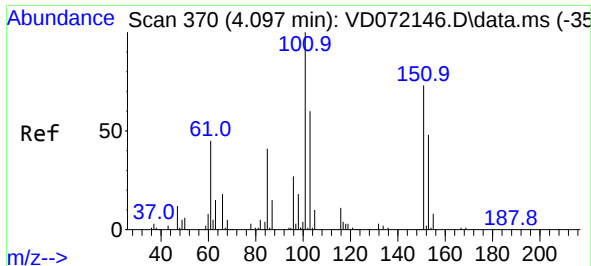


#8
Diethyl Ether
Concen: 20.181 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24



Tgt Ion: 74 Resp: 40441
Ion Ratio Lower Upper
74 100
45 98.0 52.6 157.8





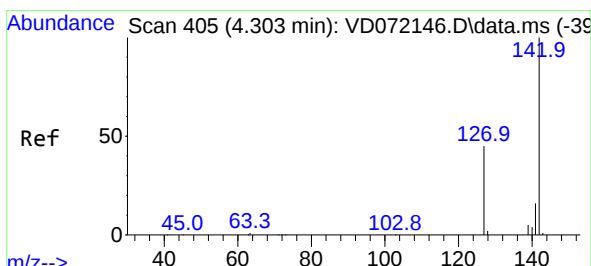
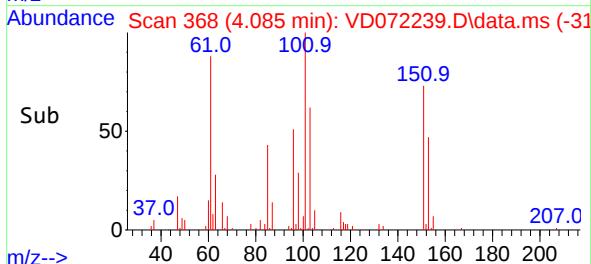
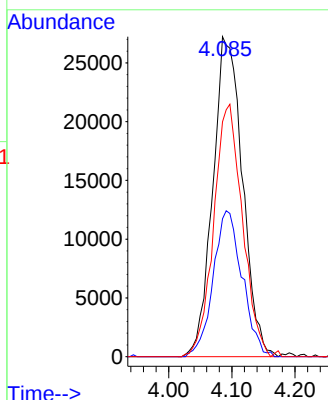
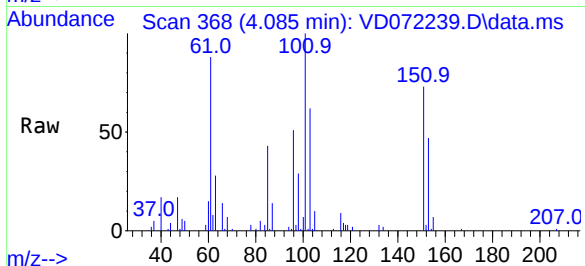
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.184 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.012 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01

Tgt Ion:101 Resp: 88754
Ion Ratio Lower Upper
101 100
85 44.8 36.4 54.6
151 76.4 57.3 85.9

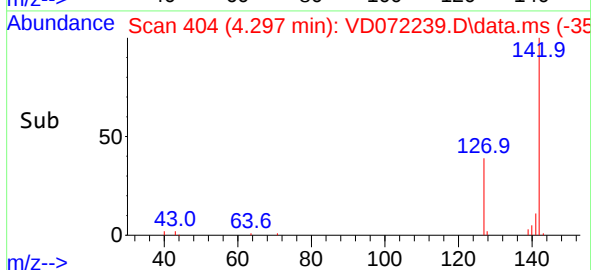
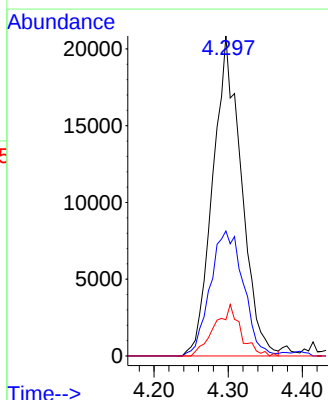
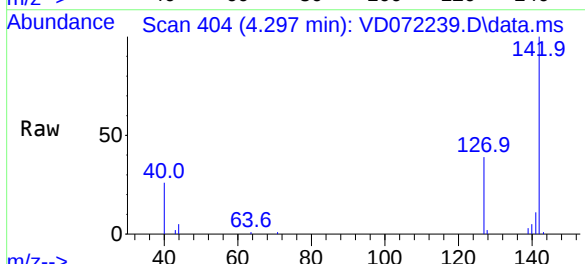
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#10
Methyl Iodide
Concen: 15.064 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

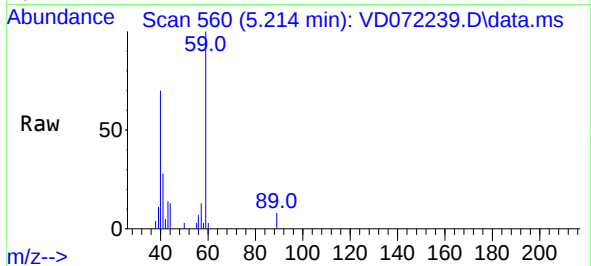
Tgt Ion:142 Resp: 55688
Ion Ratio Lower Upper
142 100
127 45.4 37.3 55.9
141 14.8 11.7 17.5





#11
Tert butyl alcohol
Concen: 114.779 ug/l
RT: 5.214 min Scan# 509
Delta R.T. 0.006 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

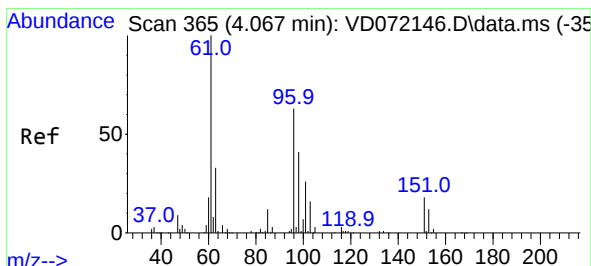
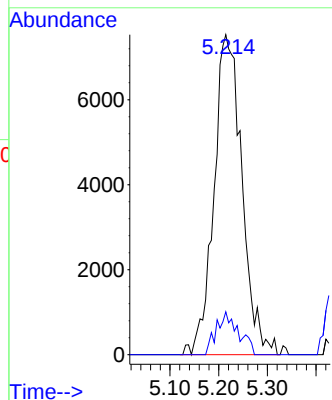
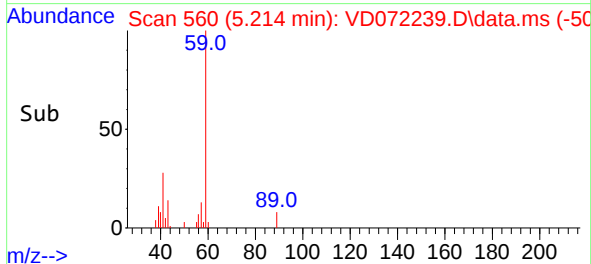
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



Tgt Ion: 59 Resp: 3003
Ion Ratio Lower Upper
59 100
57 9.2 7.8 11.6

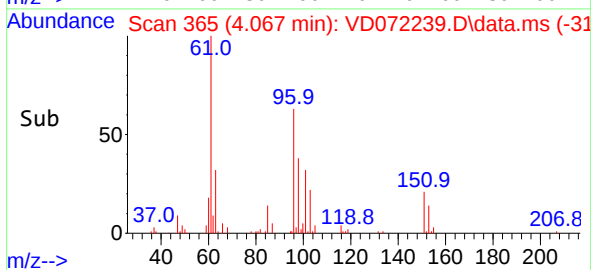
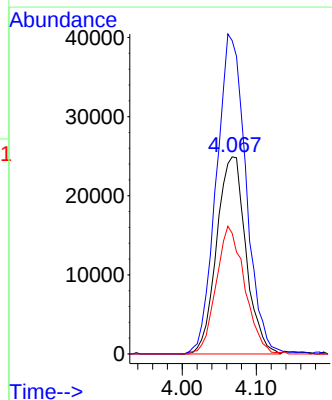
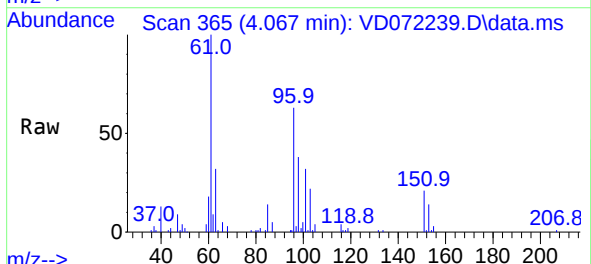
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#12
1,1-Dichloroethene
Concen: 18.329 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

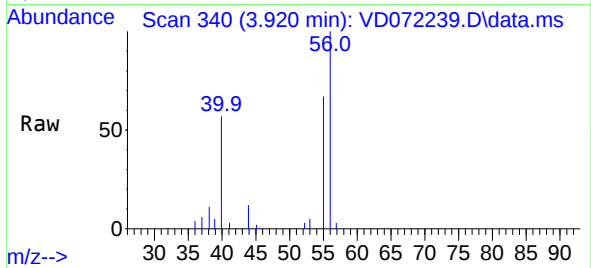
Tgt Ion: 96 Resp: 68219
Ion Ratio Lower Upper
96 100
61 158.9 138.5 207.7
98 61.2 48.6 73.0





#13
Acrolein
Concen: 105.833 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

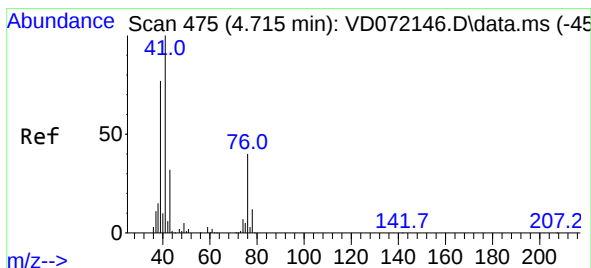
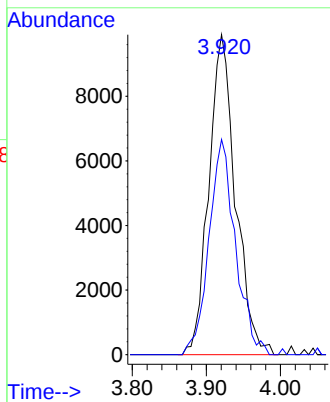
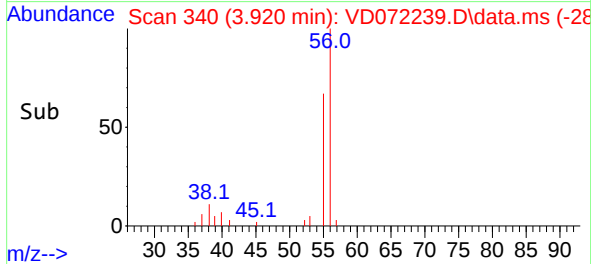
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



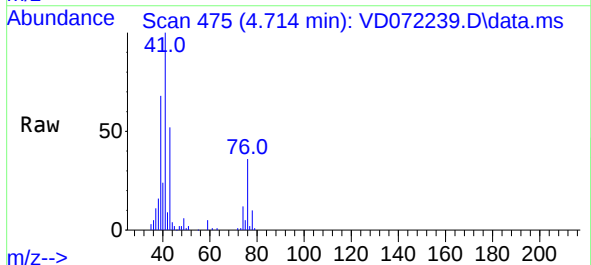
Tgt Ion: 56 Resp: 24712
Ion Ratio Lower Upper
56 100
55 67.0 57.1 85.7

Manual Integrations
APPROVED

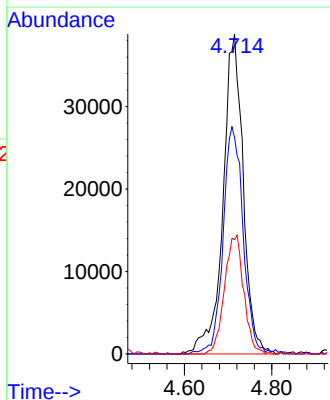
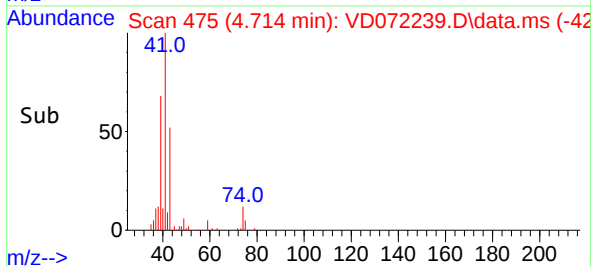
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#14
Allyl chloride
Concen: 19.116 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24



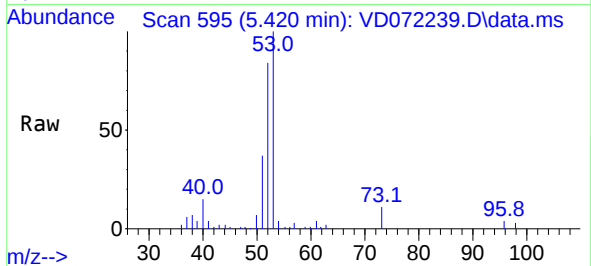
Tgt Ion: 41 Resp: 124395
Ion Ratio Lower Upper
41 100
39 70.5 59.3 88.9
76 35.4 25.7 38.5





#15
Acrylonitrile
Concen: 107.592 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

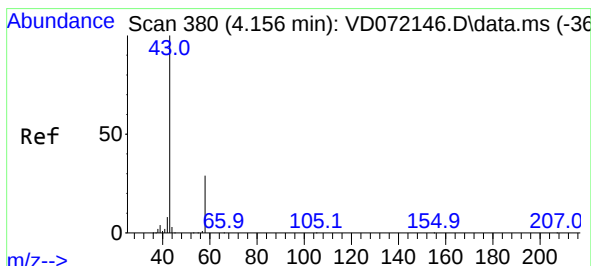
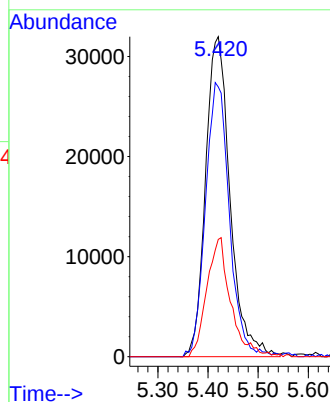
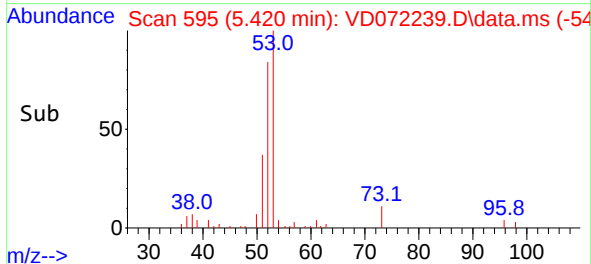
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



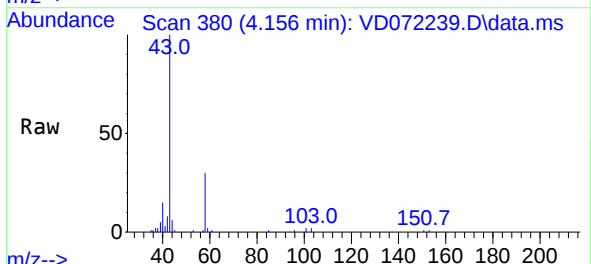
Tgt Ion: 53 Resp: 108789
Ion Ratio Lower Upper
53 100
52 82.6 67.2 100.8
51 36.2 30.3 45.5

Manual Integrations
APPROVED

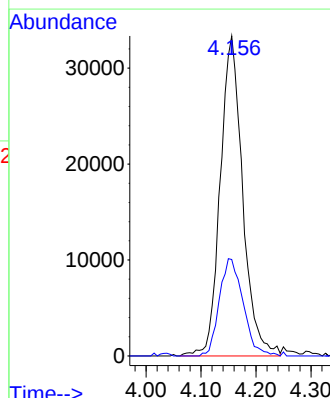
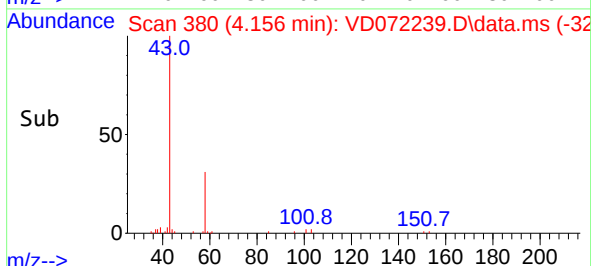
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#16
Acetone
Concen: 96.506 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24



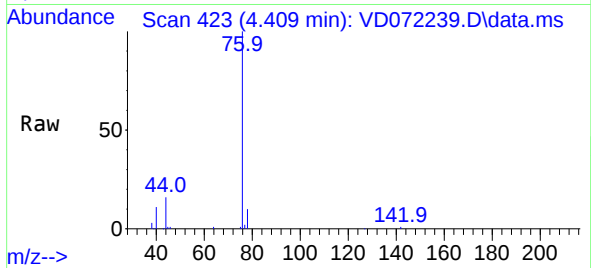
Tgt Ion: 43 Resp: 94566
Ion Ratio Lower Upper
43 100
58 30.2 22.1 33.1





#17
Carbon Disulfide
Concen: 14.034 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

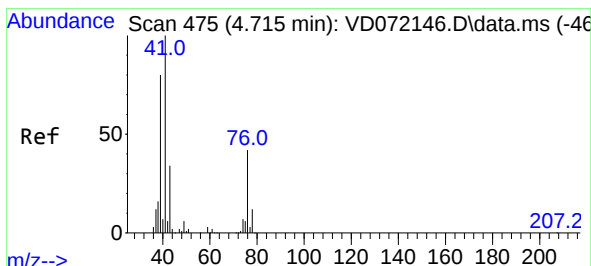
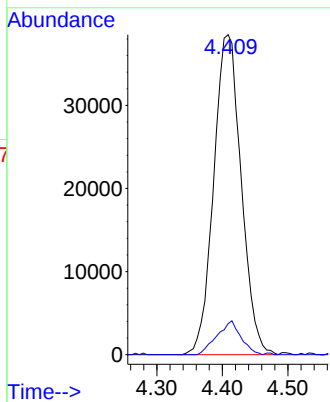
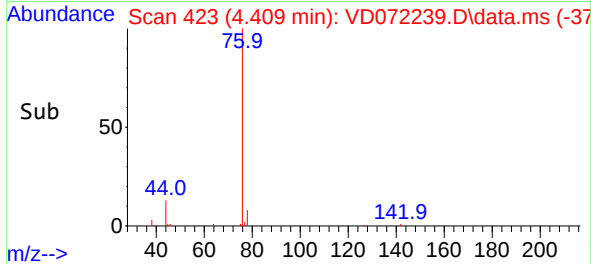
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



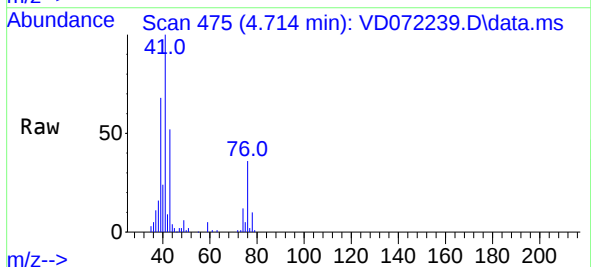
Tgt Ion: 76 Resp: 11216
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3

Manual Integrations
APPROVED

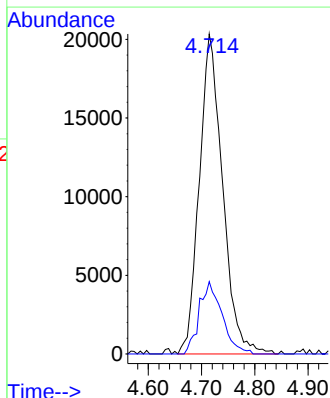
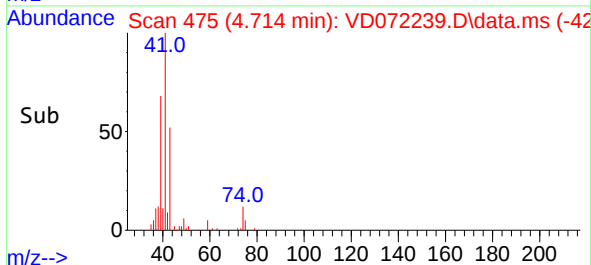
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

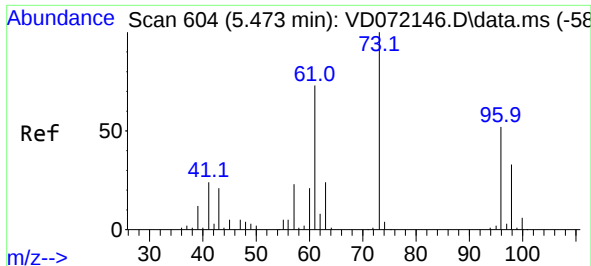


#18
Methyl Acetate
Concen: 25.736 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24



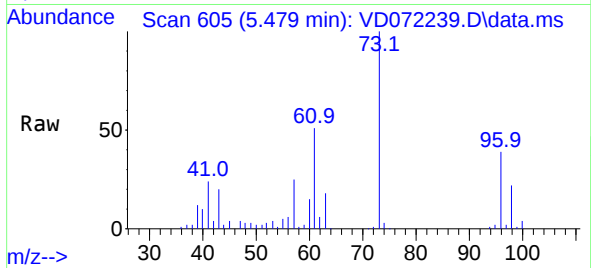
Tgt Ion: 43 Resp: 61801
Ion Ratio Lower Upper
43 100
74 22.1 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 20.848 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

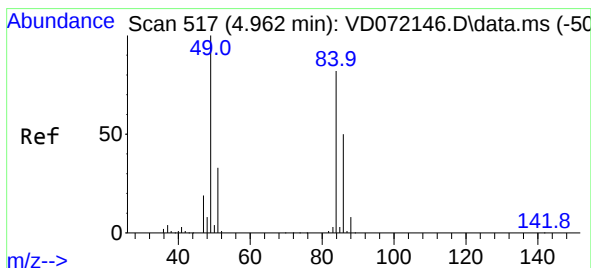
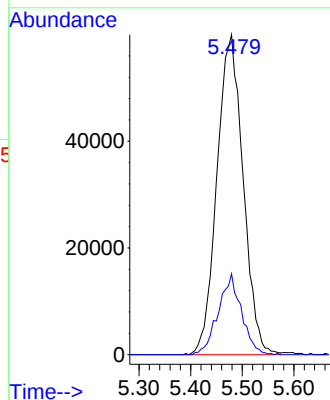
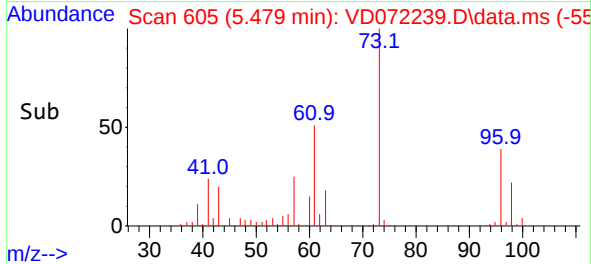
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



Tgt Ion: 73 Resp: 210900
Ion Ratio Lower Upper
73 100
57 25.3 18.0 27.0

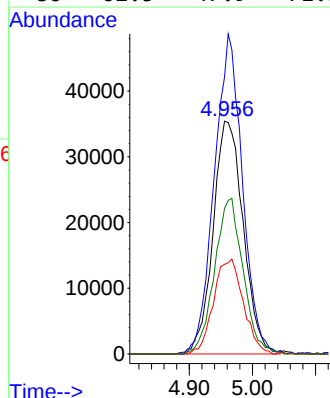
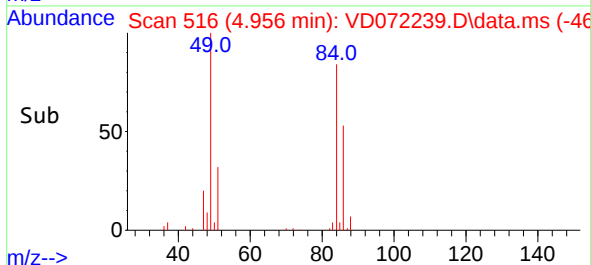
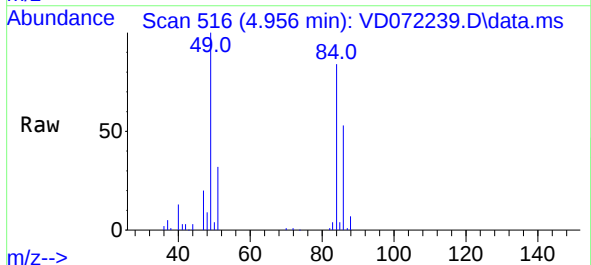
Manual Integrations
APPROVED

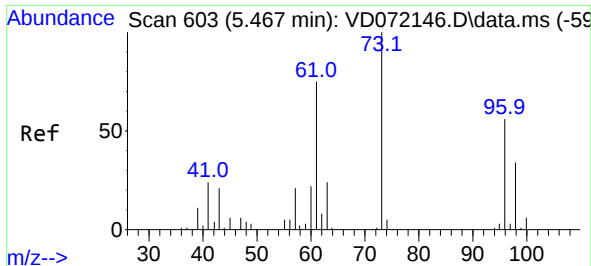
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#20
Methylene Chloride
Concen: 20.372 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

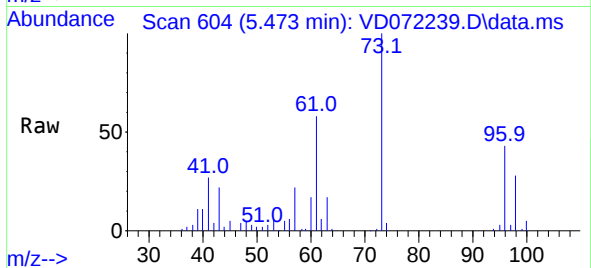
Tgt Ion: 84 Resp: 117267
Ion Ratio Lower Upper
84 100
49 118.3 112.8 169.2
51 38.5 32.6 48.8
86 62.5 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 18.294 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

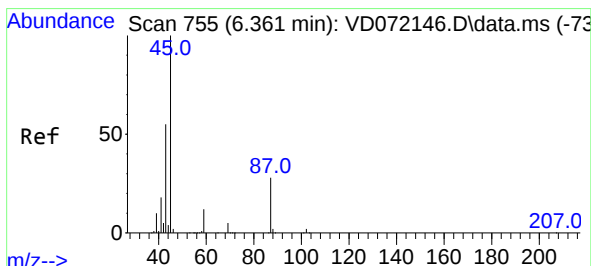
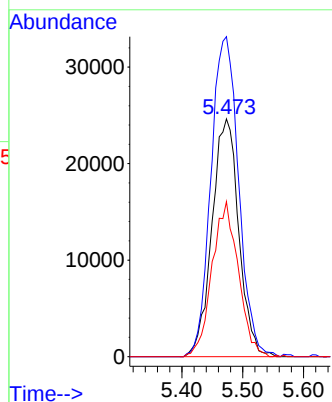
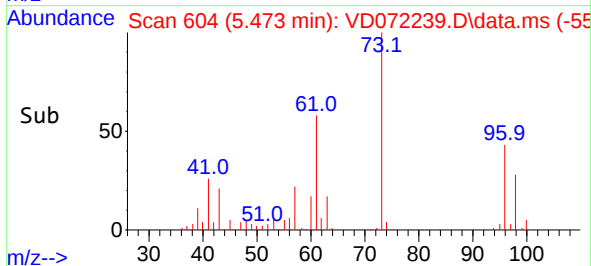
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



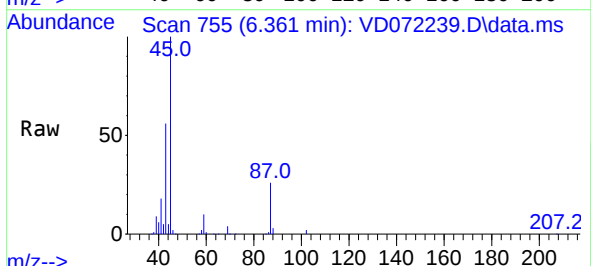
Tgt Ion: 96 Resp: 7531
Ion Ratio Lower Upper
96 100
61 134.6 117.9 176.9
98 65.2 49.4 74.2

Manual Integrations
APPROVED

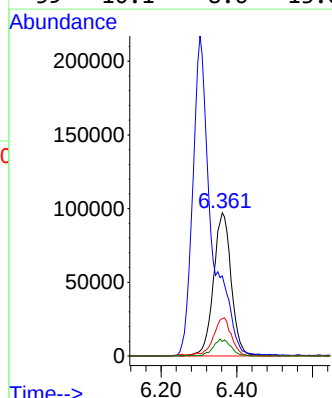
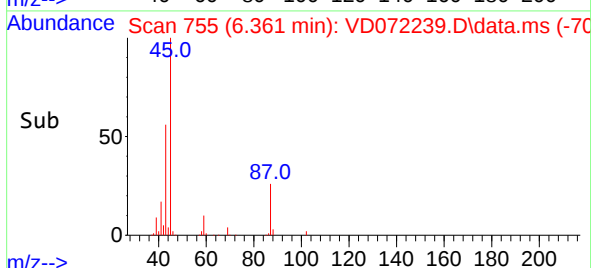
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#22
Diisopropyl ether
Concen: 21.278 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24



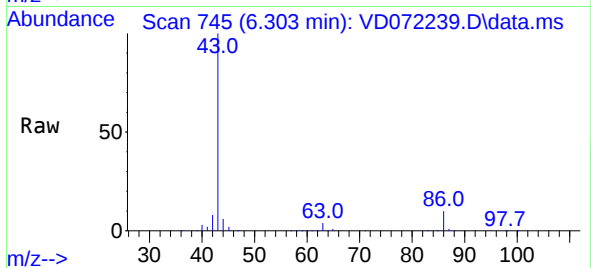
Tgt Ion: 45 Resp: 315823
Ion Ratio Lower Upper
45 100
43 55.5 46.6 70.0
87 26.2 18.4 27.6
59 10.1 8.6 13.0





#23
 Vinyl Acetate
 Concen: 98.727 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072239.D
 Acq: 17 Mar 2022 12:24

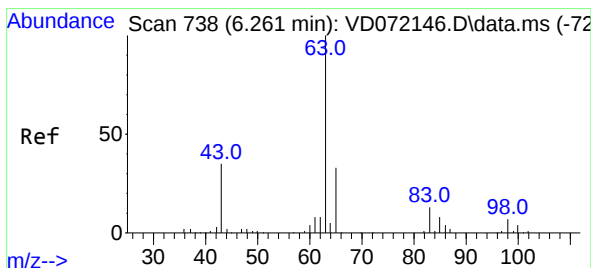
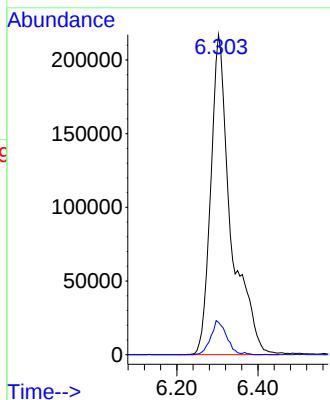
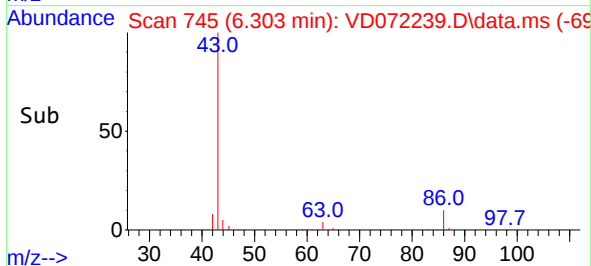
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0317SBS01



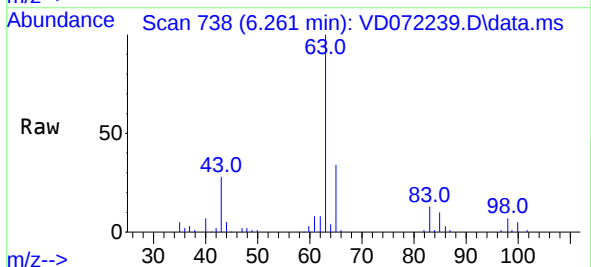
Tgt Ion: 43 Resp: 74787
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.1 10.7

Manual Integrations
 APPROVED

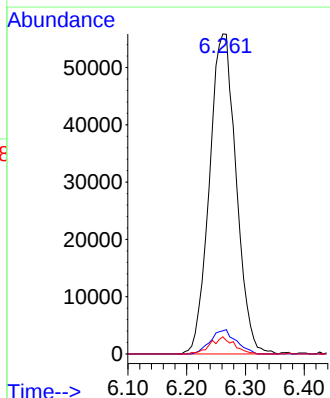
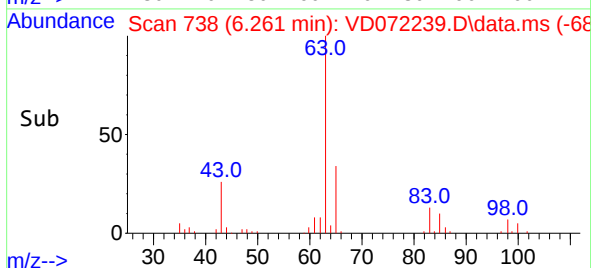
Reviewed By :John Carlone 03/18/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#24
 1,1-Dichloroethane
 Concen: 20.160 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD072239.D
 Acq: 17 Mar 2022 12:24



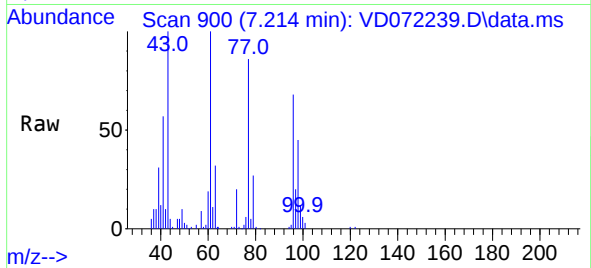
Tgt Ion: 63 Resp: 176474
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 5.3 2.1 6.5





#25
2-Butanone
Concen: 106.130 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.012 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

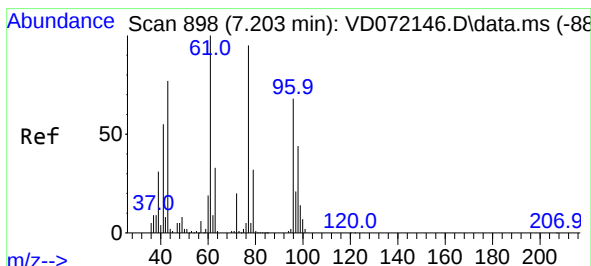
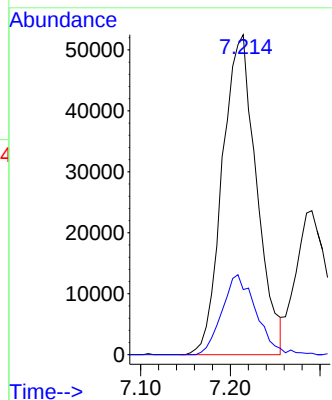
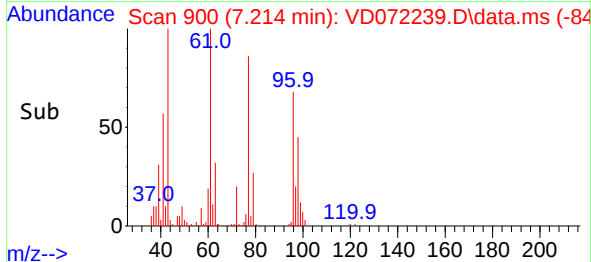
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



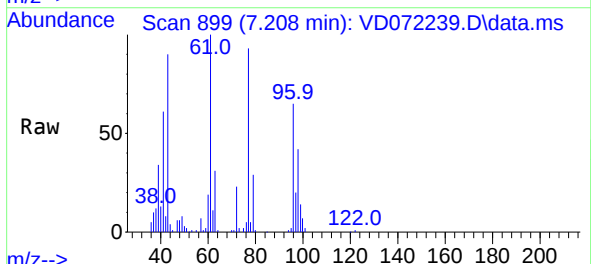
Tgt Ion: 43 Resp: 138660
Ion Ratio Lower Upper
43 100
72 20.4 18.6 27.8

Manual Integrations
APPROVED

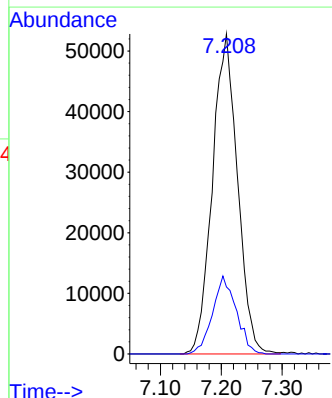
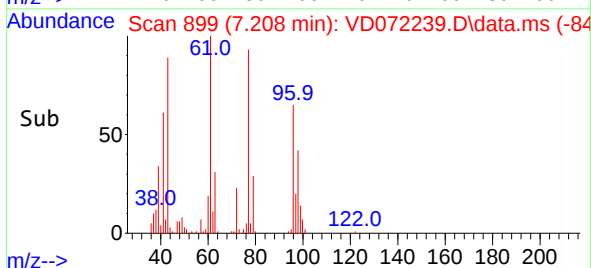
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

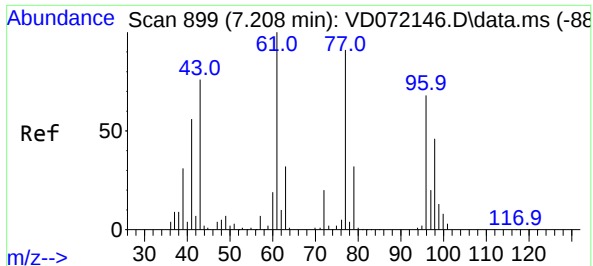


#26
2,2-Dichloropropane
Concen: 19.167 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24



Tgt Ion: 77 Resp: 151386
Ion Ratio Lower Upper
77 100
97 23.0 10.8 32.4





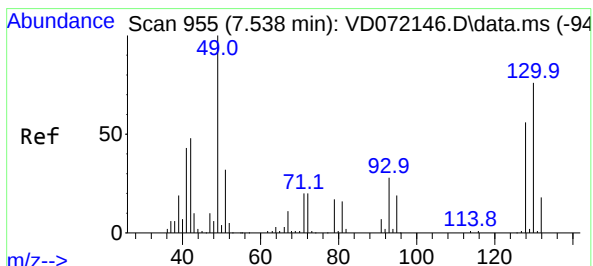
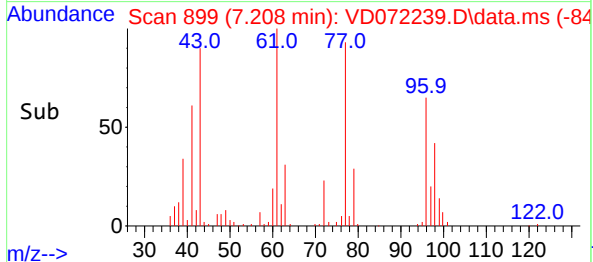
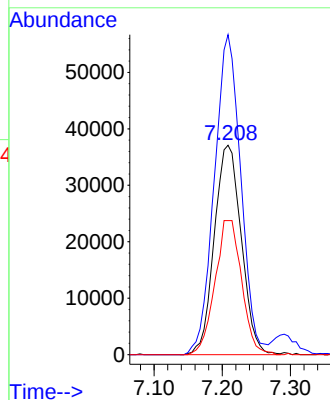
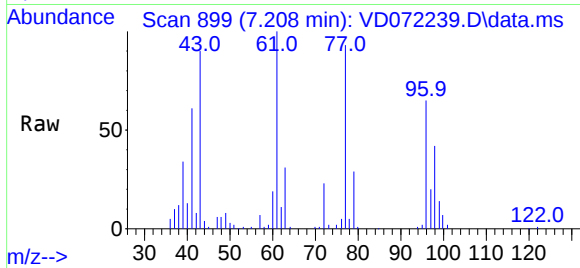
#27
cis-1,2-Dichloroethene
Concen: 19.484 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01

Tgt Ion: 96 Resp: 102400
Ion Ratio Lower Upper
96 100
61 150.0 0.0 313.8
98 63.3 0.0 128.8

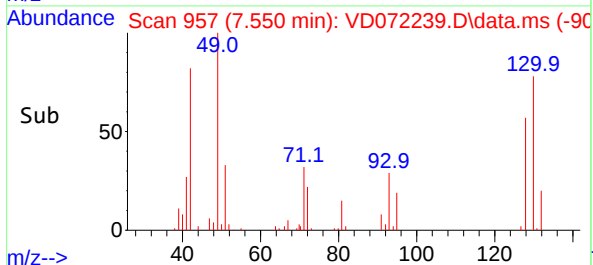
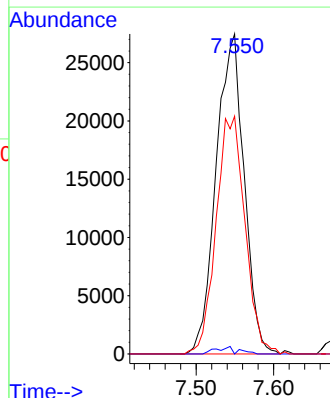
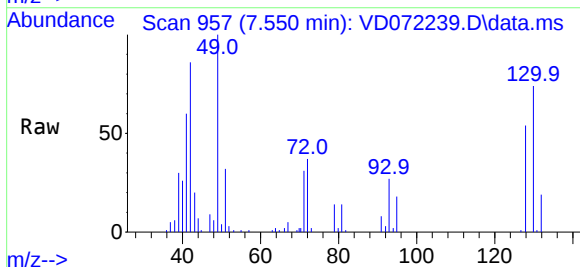
Manual Integrations
APPROVED

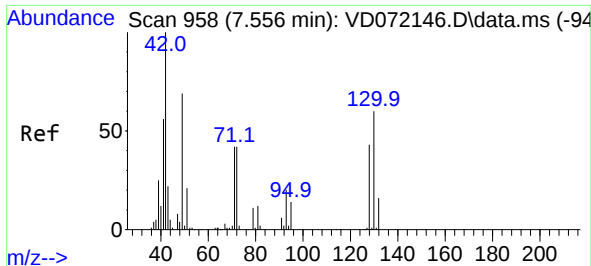
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#28
Bromochloromethane
Concen: 19.573 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.012 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

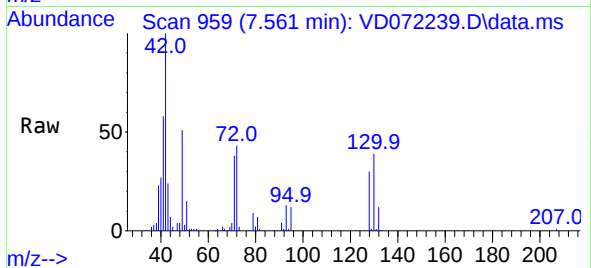
Tgt Ion: 49 Resp: 68976
Ion Ratio Lower Upper
49 100
129 1.2 0.0 4.0
130 76.6 52.6 79.0





#29
Tetrahydrofuran
Concen: 106.219 ug/l
RT: 7.561 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

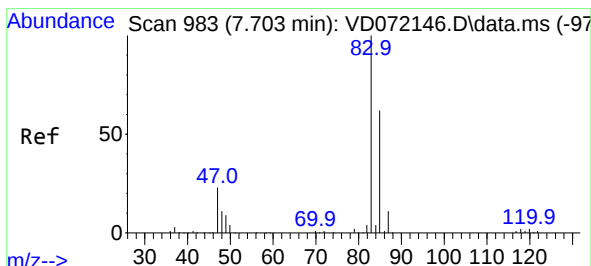
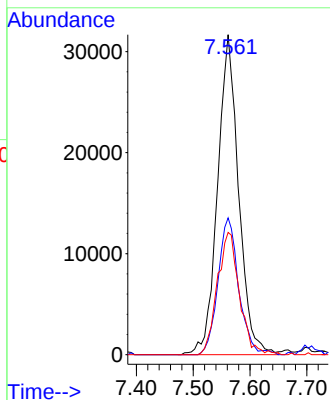
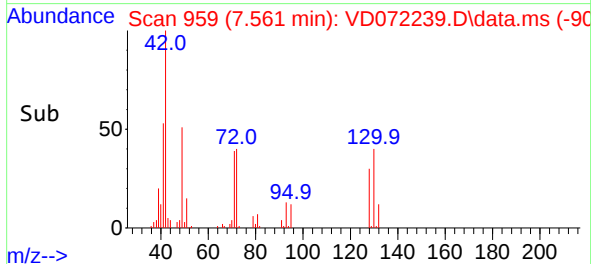
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



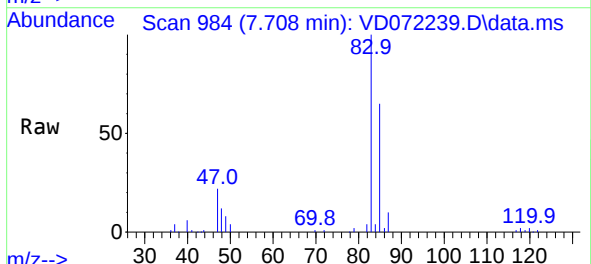
Tgt Ion: 42 Resp: 81602
Ion Ratio Lower Upper
42 100
72 41.6 30.7 46.1
71 40.1 28.6 43.0

Manual Integrations
APPROVED

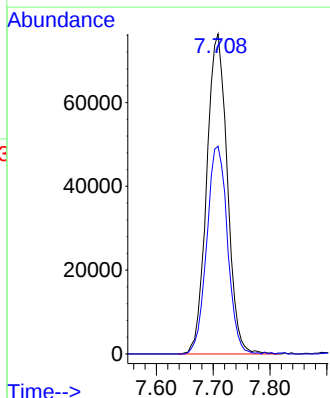
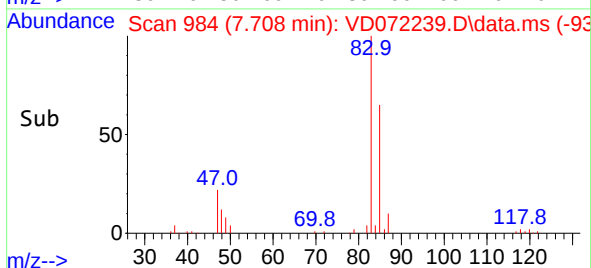
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

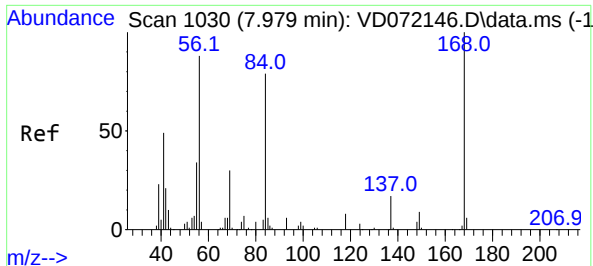


#30
Chloroform
Concen: 20.546 ug/l
RT: 7.708 min Scan# 984
Delta R.T. 0.006 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24



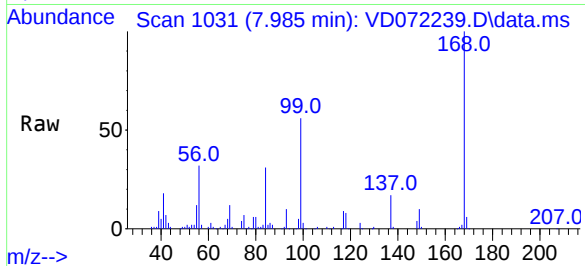
Tgt Ion: 83 Resp: 191605
Ion Ratio Lower Upper
83 100
85 64.9 52.7 79.1





#31
Cyclohexane
Concen: 17.968 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

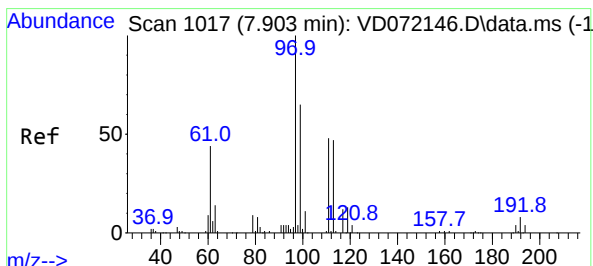
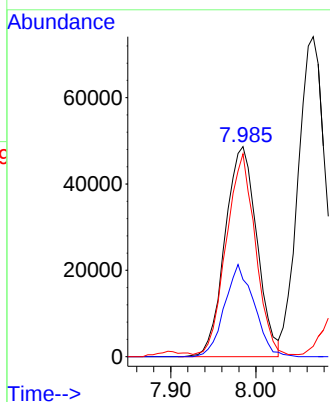
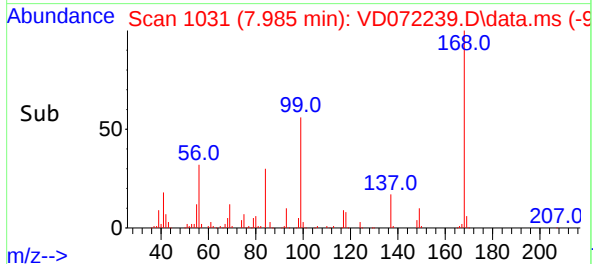
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



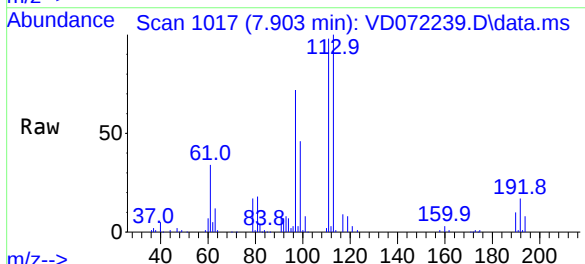
Tgt Ion: 56 Resp: 12669
Ion Ratio Lower Upper
56 100
69 36.7 25.4 38.2
84 95.0 63.0 94.4

Manual Integrations
APPROVED

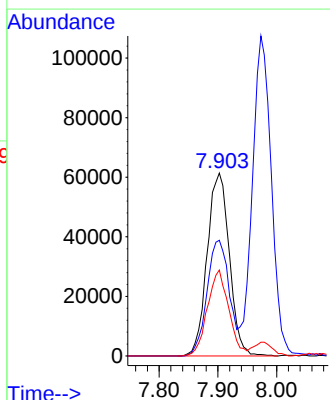
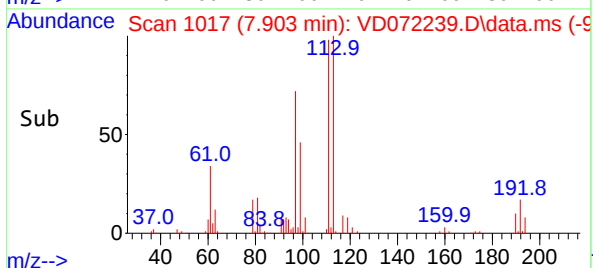
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#32
1,1,1-Trichloroethane
Concen: 19.449 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24



Tgt Ion: 97 Resp: 161090
Ion Ratio Lower Upper
97 100
99 62.8 52.4 78.6
61 45.2 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 52.245 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072239.D

Acq: 17 Mar 2022 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0317SBS01

Tgt Ion: 65 Resp: 235790

Ion Ratio Lower Upper

65 100

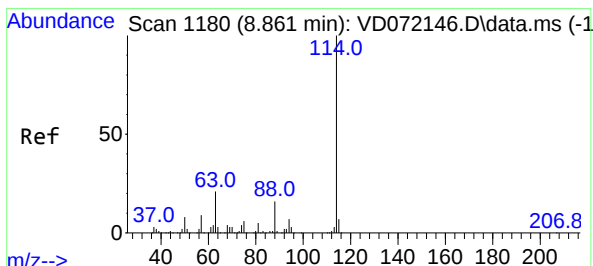
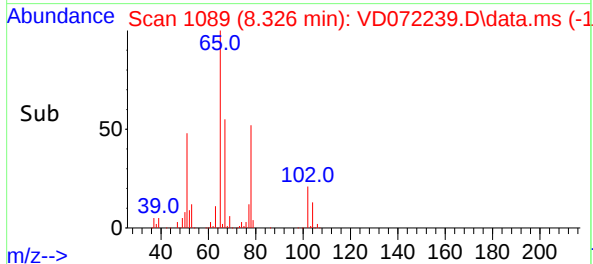
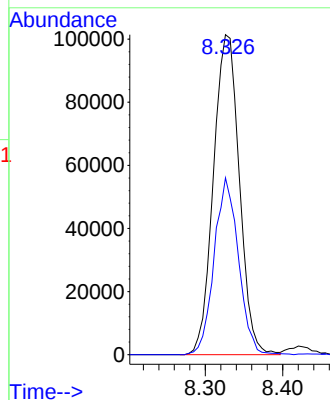
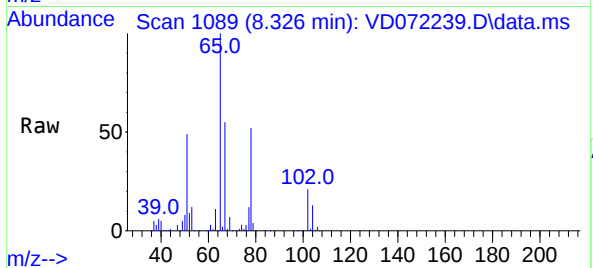
67 51.7 0.0 101.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072239.D

Acq: 17 Mar 2022 12:24

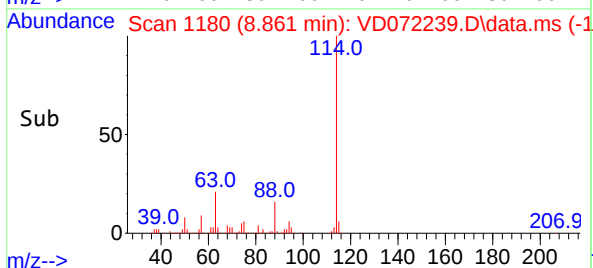
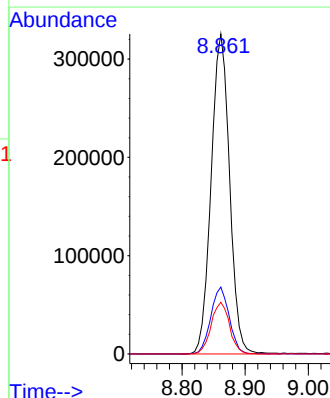
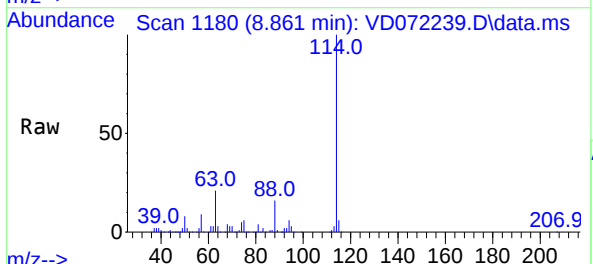
Tgt Ion:114 Resp: 659430

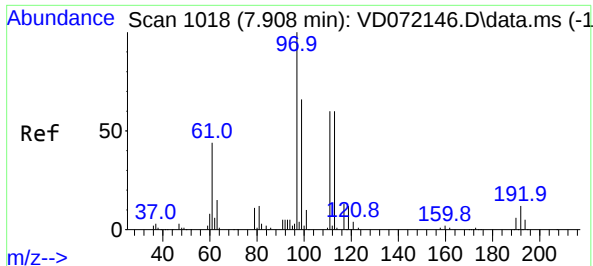
Ion Ratio Lower Upper

114 100

63 20.9 0.0 46.6

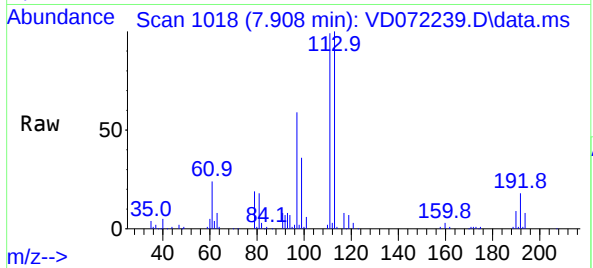
88 16.2 0.0 33.2





#35
Dibromofluoromethane
Concen: 50.136 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

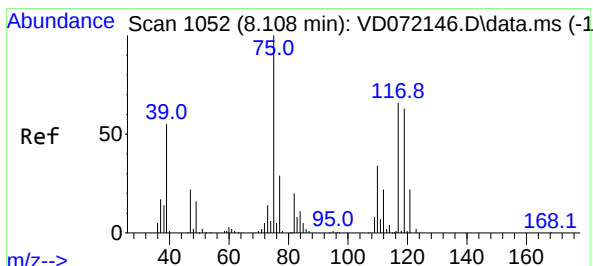
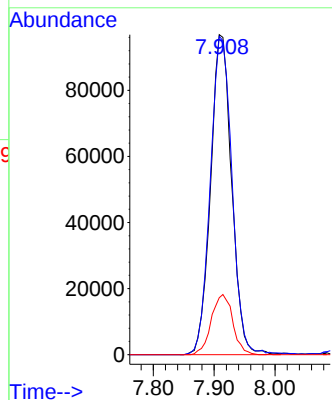
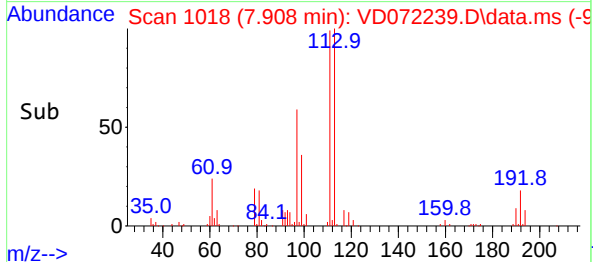
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



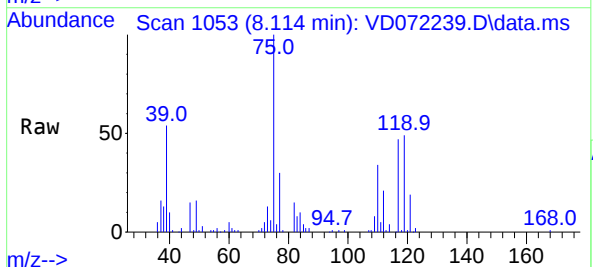
Tgt Ion:113 Resp: 23265
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.6
192 19.1 14.6 21.8

Manual Integrations
APPROVED

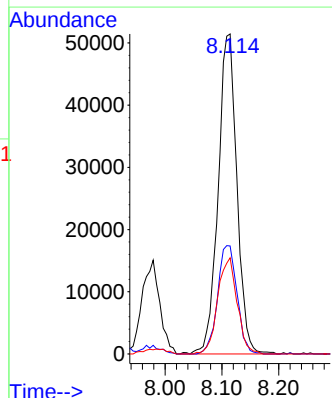
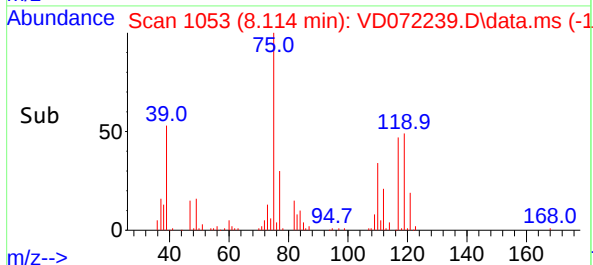
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#36
1,1-Dichloropropene
Concen: 18.158 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24



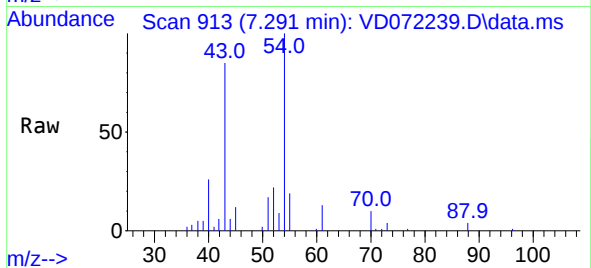
Tgt Ion: 75 Resp: 118208
Ion Ratio Lower Upper
75 100
110 35.1 16.4 49.1
77 31.2 24.2 36.2





#37
Ethyl Acetate
Concen: 20.621 ug/l
RT: 7.291 min Scan# 912
Delta R.T. 0.006 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

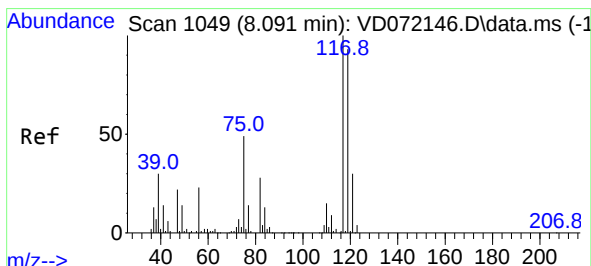
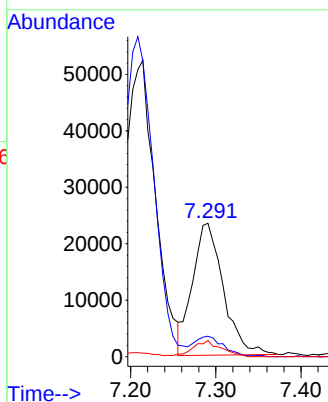
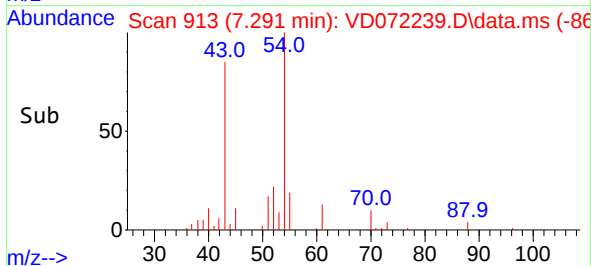
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



Tgt Ion: 43 Resp: 58804
Ion Ratio Lower Upper
43 100
61 14.5 9.8 14.8
70 11.0 6.9 10.3

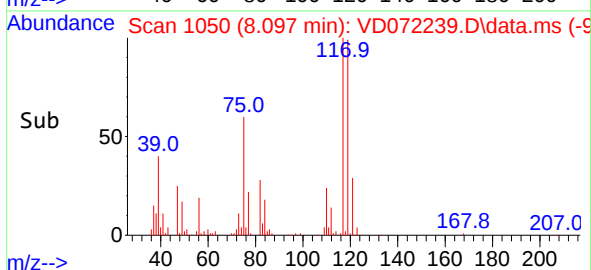
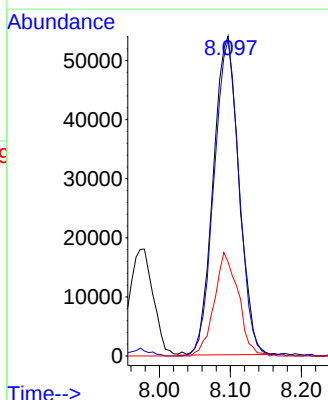
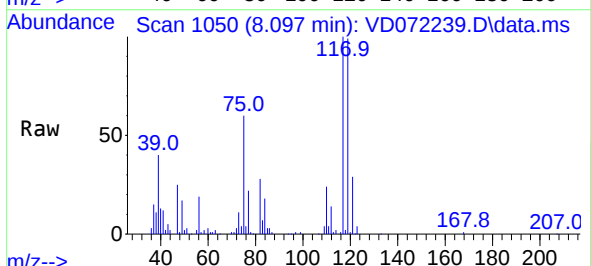
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#38
Carbon Tetrachloride
Concen: 18.246 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

Tgt Ion:117 Resp: 135022
Ion Ratio Lower Upper
117 100
119 99.3 75.8 113.6
121 29.5 24.5 36.7





#39

Methylcyclohexane

Concen: 16.837 ug/l

RT: 9.350 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD072239.D

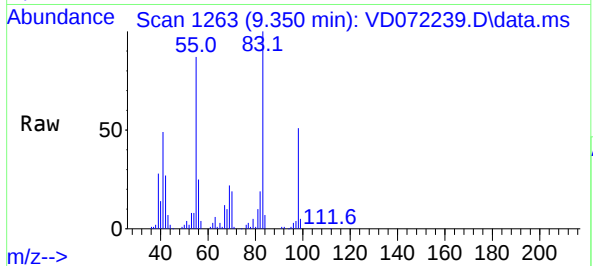
Acq: 17 Mar 2022 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0317SBS01



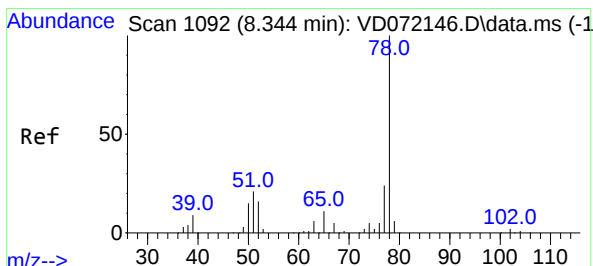
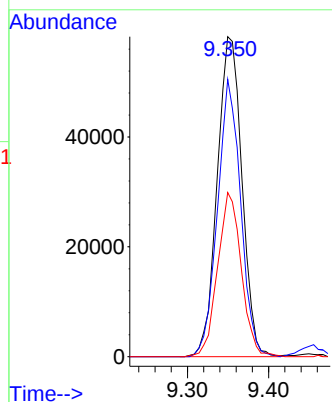
Tgt Ion:	83	Resp:	12334
Ion	Ratio	Lower	Upper
83	100		
55	86.6	63.2	94.8
98	51.3	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#40

Benzene

Concen: 18.752 ug/l

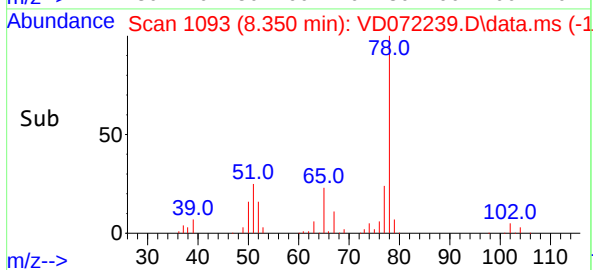
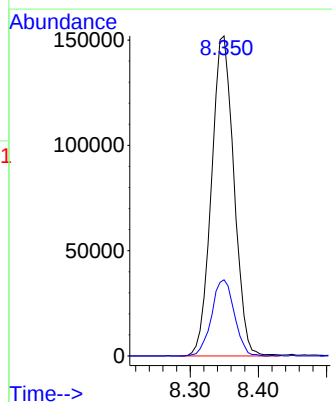
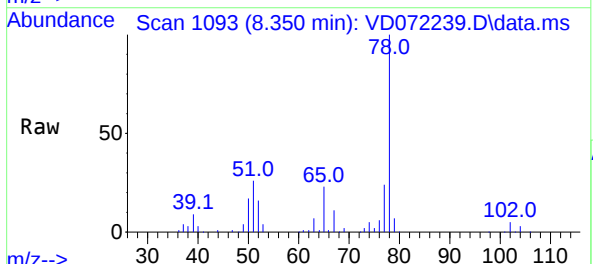
RT: 8.350 min Scan# 1093

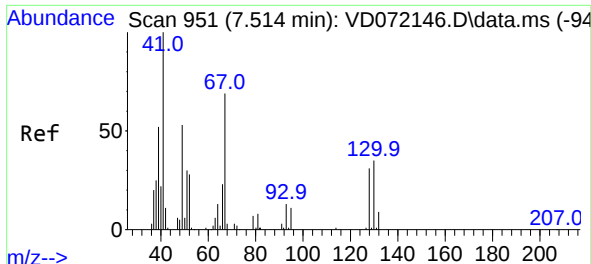
Delta R.T. 0.006 min

Lab File: VD072239.D

Acq: 17 Mar 2022 12:24

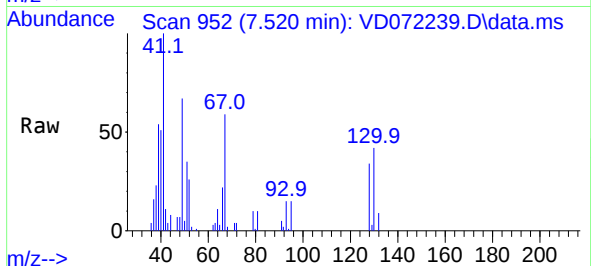
Tgt Ion:	78	Resp:	348271
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.1	28.7





#41
Methacrylonitrile
Concen: 21.046 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

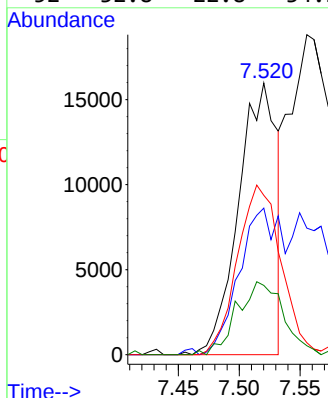
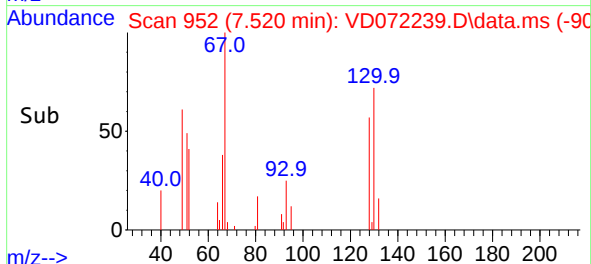
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



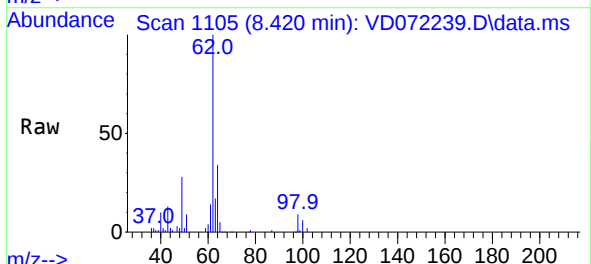
Tgt Ion: 41 Resp: 3498
Ion Ratio Lower Upper
41 100
39 59.7 44.6 67.0
67 71.0 48.2 72.4
52 32.8 22.8 34.2

Manual Integrations
APPROVED

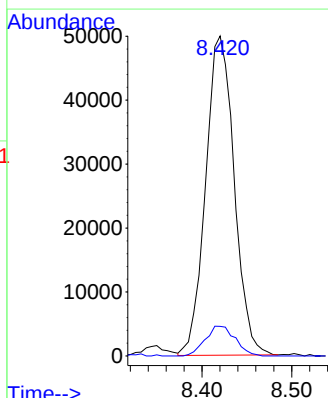
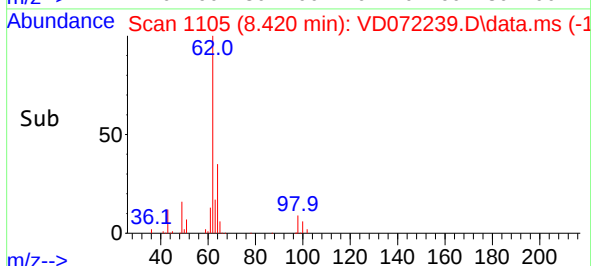
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

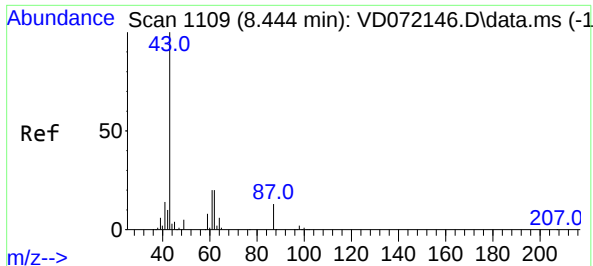


#42
1,2-Dichloroethane
Concen: 19.622 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24



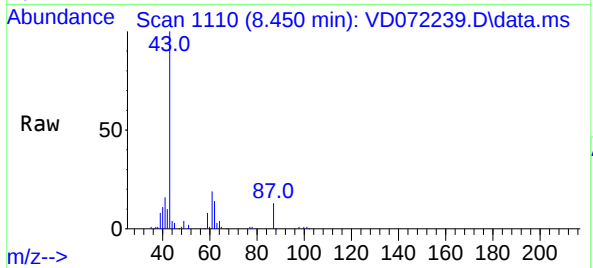
Tgt Ion: 62 Resp: 110549
Ion Ratio Lower Upper
62 100
98 9.8 0.0 17.6





#43
Isopropyl Acetate
Concen: 21.300 ug/l
RT: 8.450 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

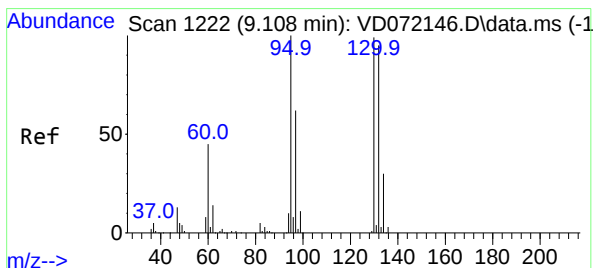
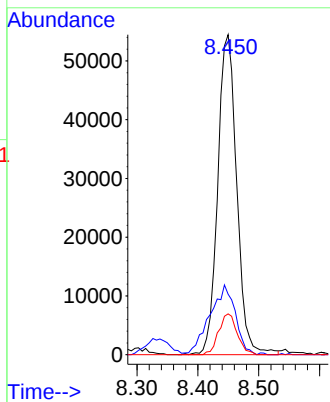
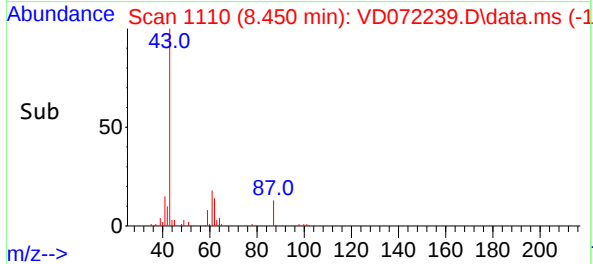
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



Tgt Ion: 43 Resp: 11789
Ion Ratio Lower Upper
43 100
61 29.3 22.4 33.6
87 12.5 8.7 13.1

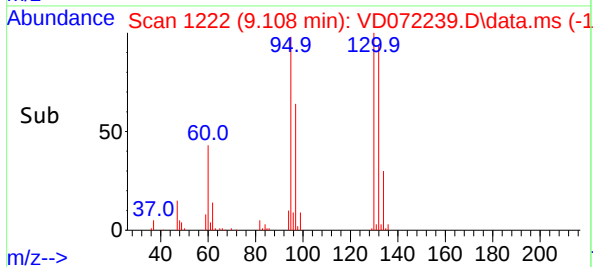
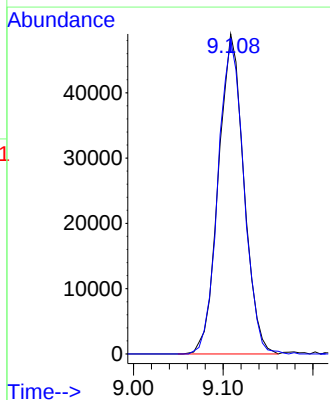
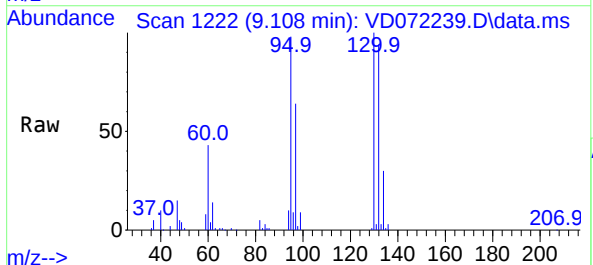
Manual Integrations
APPROVED

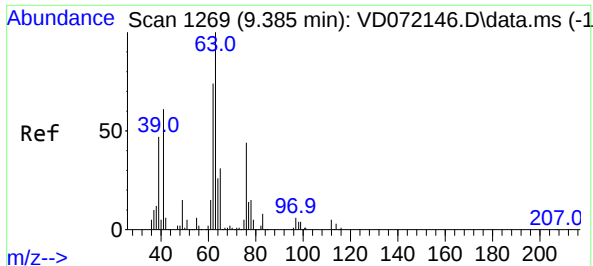
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#44
Trichloroethene
Concen: 18.503 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

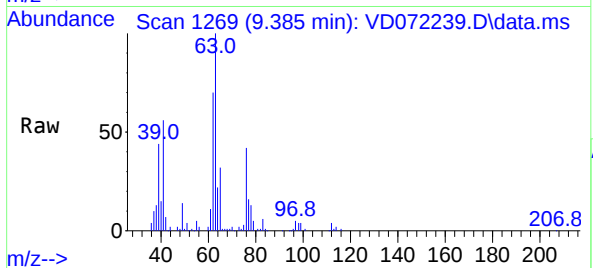
Tgt Ion:130 Resp: 96472
Ion Ratio Lower Upper
130 100
95 98.2 0.0 205.4





#45
1,2-Dichloropropane
Concen: 20.421 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

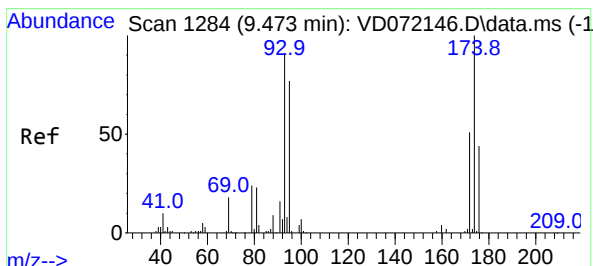
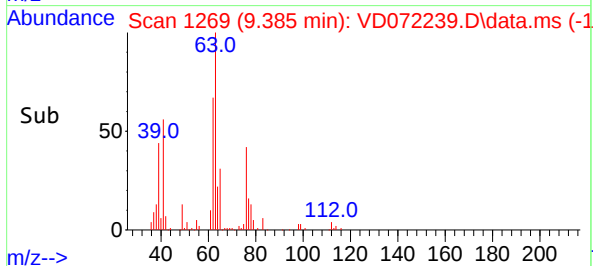
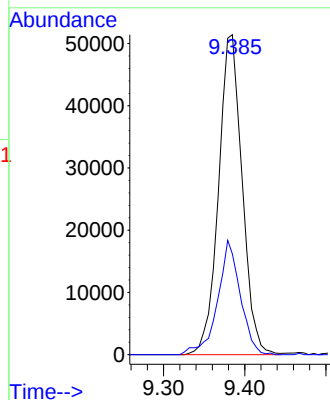
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



Tgt Ion: 63 Resp: 10401
Ion Ratio Lower Upper
63 100
65 31.5 26.2 39.4

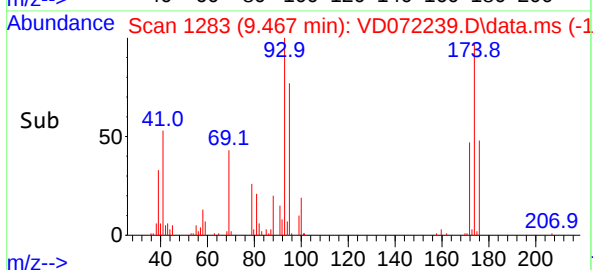
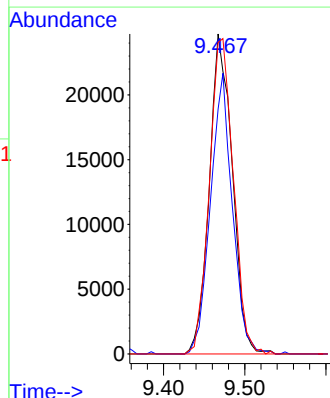
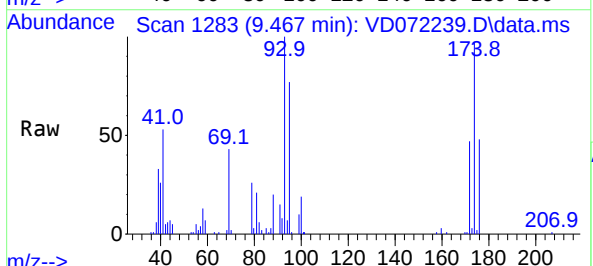
Manual Integrations
APPROVED

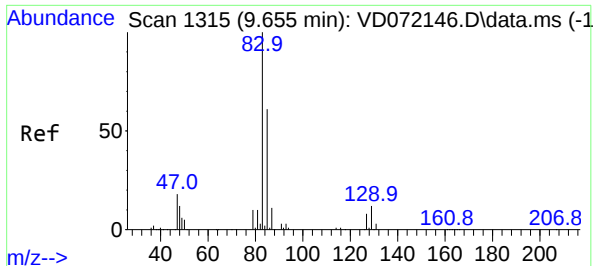
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#46
Dibromomethane
Concen: 19.426 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

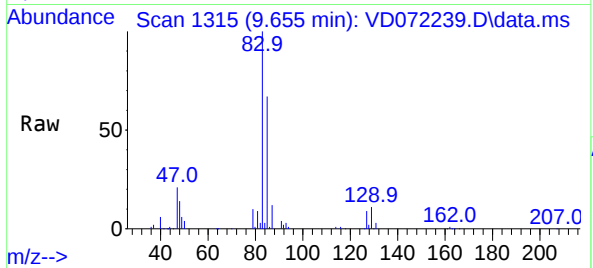
Tgt Ion: 93 Resp: 48671
Ion Ratio Lower Upper
93 100
95 83.5 66.7 100.1
174 103.0 71.6 107.4





#47
Bromodichloromethane
Concen: 20.233 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

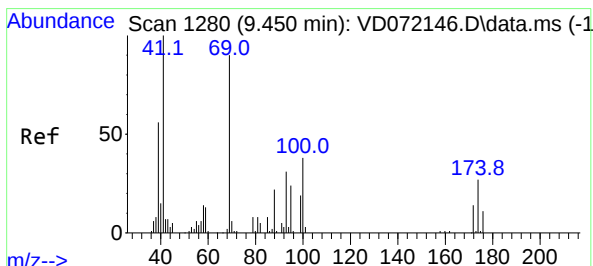
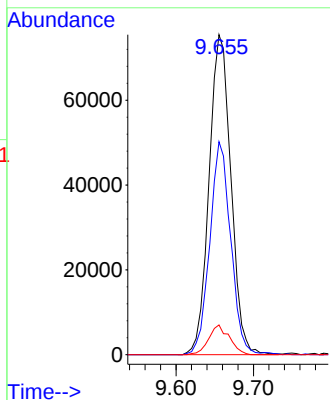
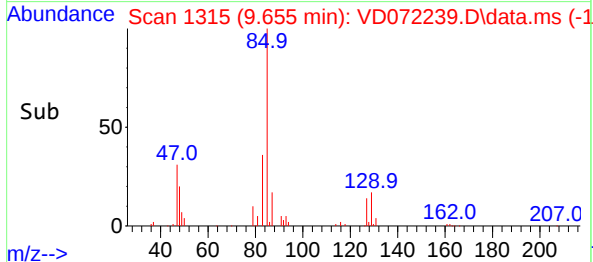
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



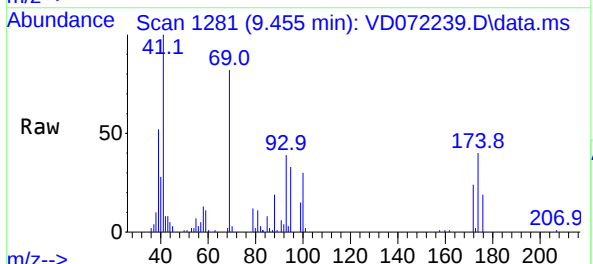
Tgt Ion: 83 Resp: 147780
Ion Ratio Lower Upper
83 100
85 66.6 51.4 77.0
127 9.3 6.1 9.1

Manual Integrations
APPROVED

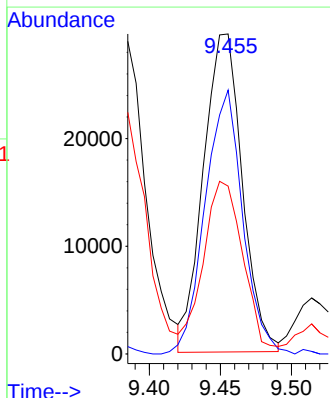
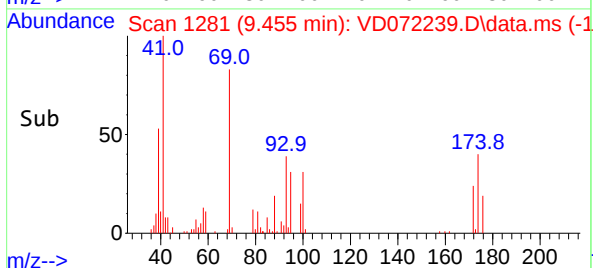
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

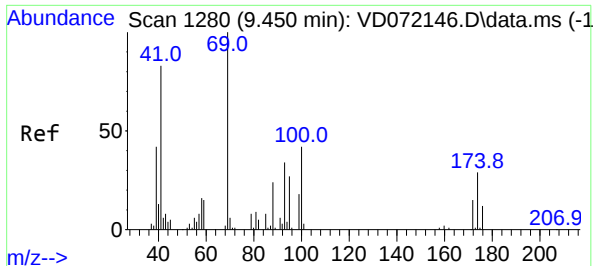


#48
Methyl methacrylate
Concen: 21.308 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24



Tgt Ion: 41 Resp: 56314
Ion Ratio Lower Upper
41 100
69 80.2 56.7 85.1
39 55.1 42.7 64.1





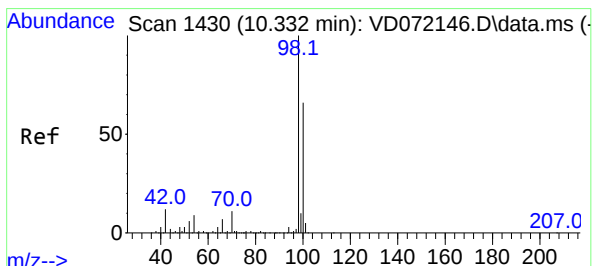
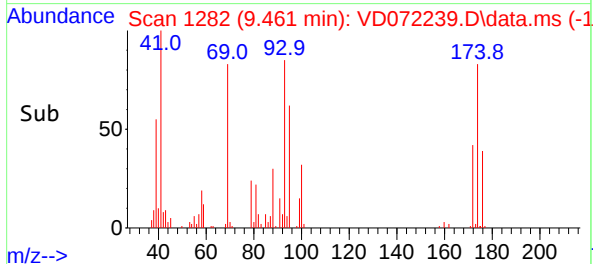
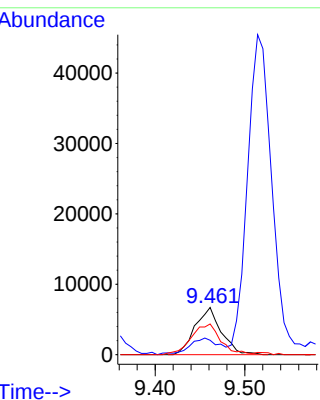
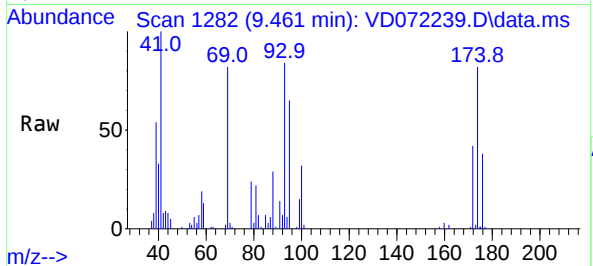
#49
1,4-Dioxane
Concen: 453.816 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.012 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01

Tgt Ion: 88 Resp: 1363
Ion Ratio Lower Upper
88 100
43 39.2 31.0 46.4
58 72.4 58.1 87.1

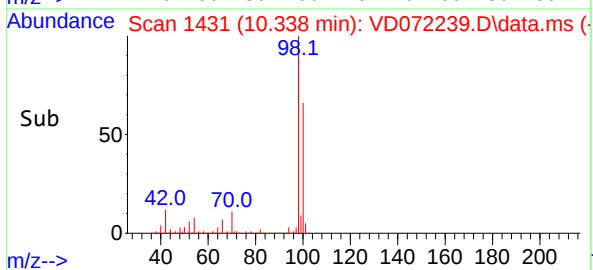
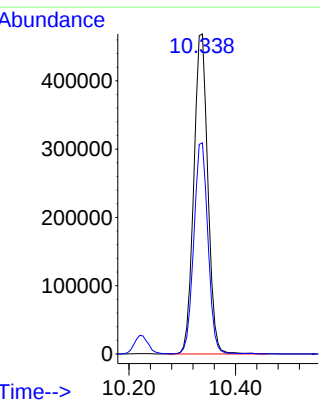
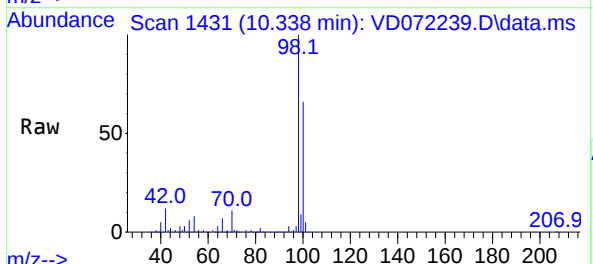
Manual Integrations
APPROVED

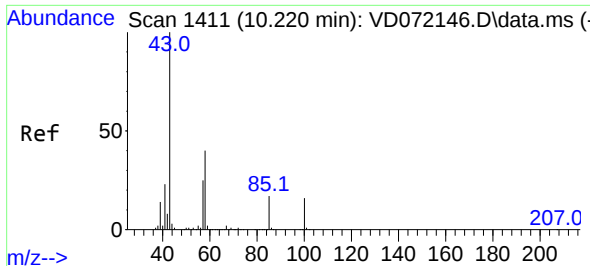
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#50
Toluene-d8
Concen: 50.765 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

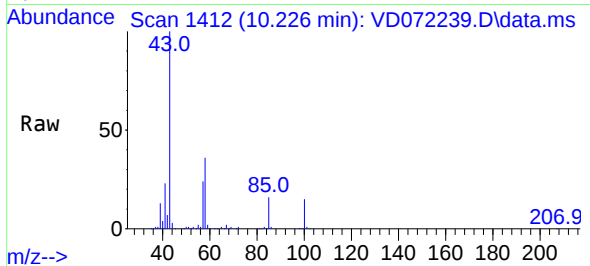
Tgt Ion: 98 Resp: 861380
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 109.605 ug/l
RT: 10.226 min Scan# 1411
Delta R.T. 0.006 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

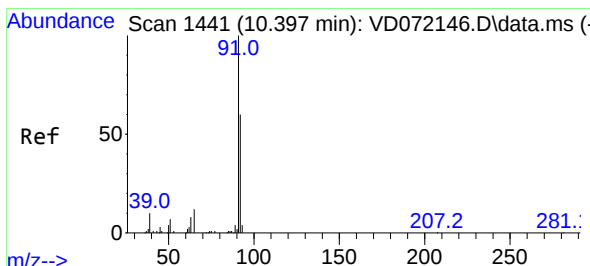
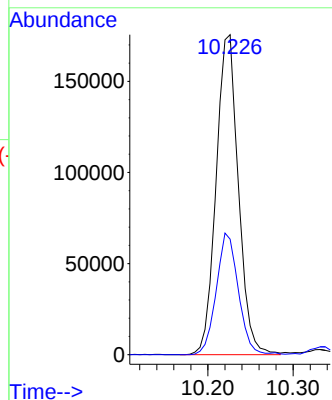
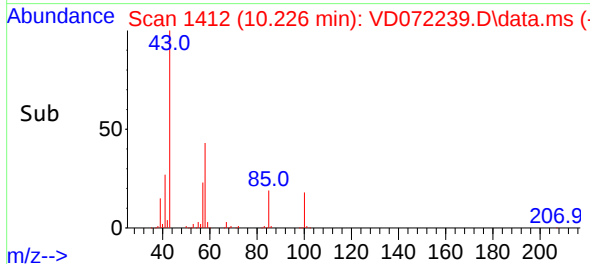
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



Tgt Ion: 43 Resp: 318620
Ion Ratio Lower Upper
43 100
58 37.7 28.6 43.0

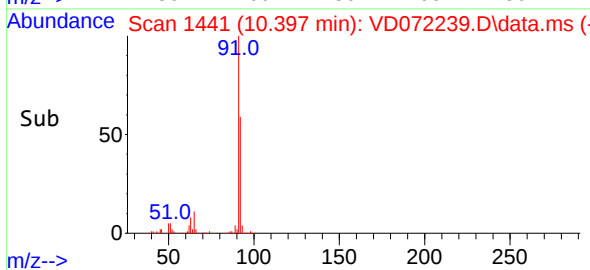
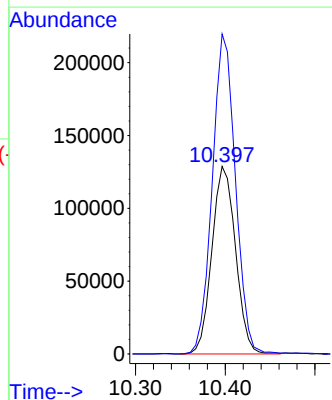
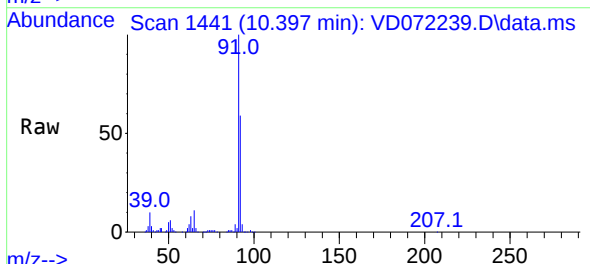
Manual Integrations
APPROVED

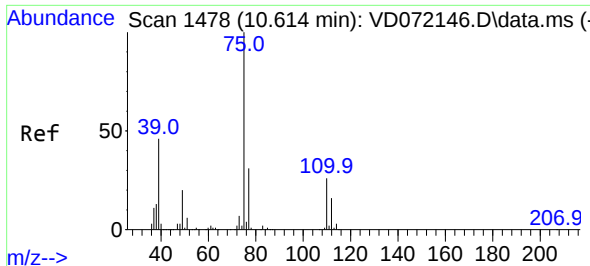
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#52
Toluene
Concen: 19.282 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

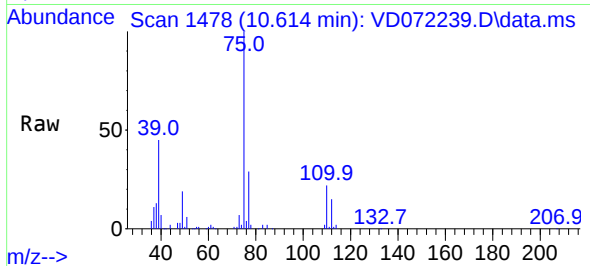
Tgt Ion: 92 Resp: 235648
Ion Ratio Lower Upper
92 100
91 167.2 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 19.904 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

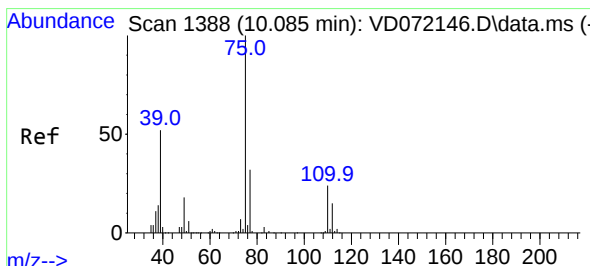
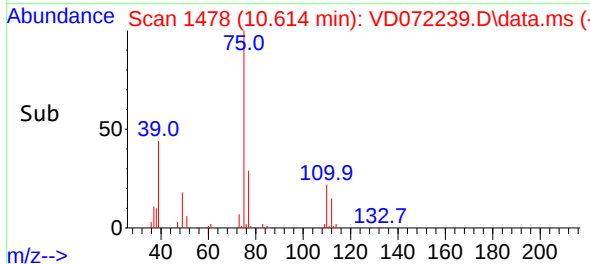
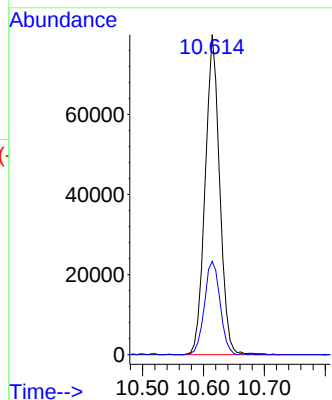
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



Tgt Ion: 75 Resp: 132827
Ion Ratio Lower Upper
75 100
77 29.1 24.5 36.7

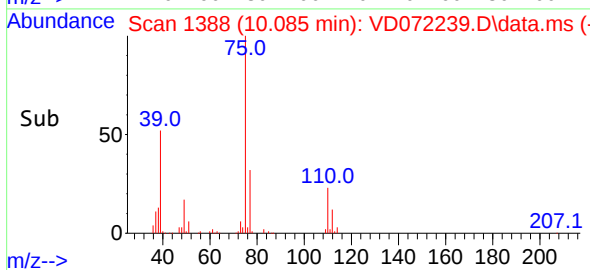
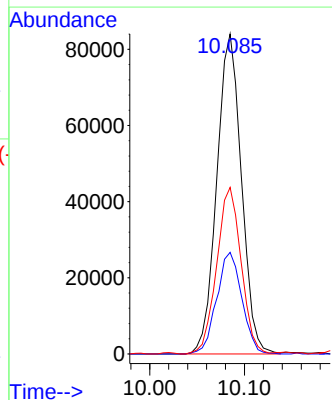
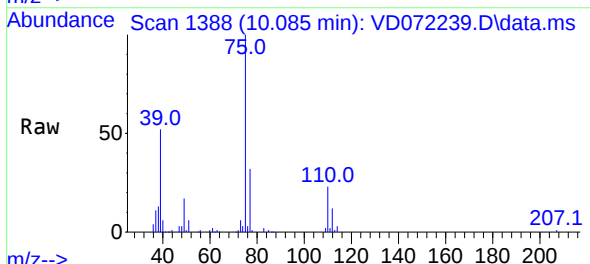
Manual Integrations
APPROVED

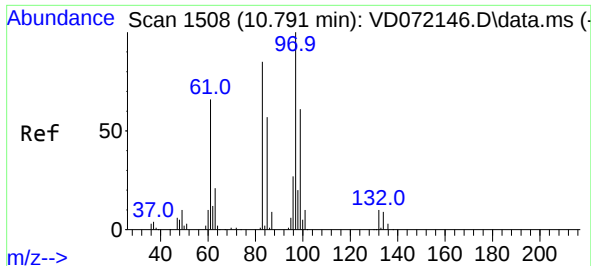
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#54
cis-1,3-Dichloropropene
Concen: 19.685 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

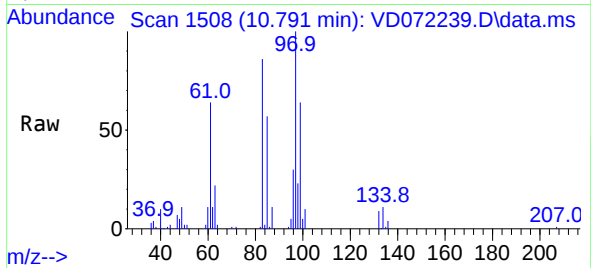
Tgt Ion: 75 Resp: 151861
Ion Ratio Lower Upper
75 100
77 31.8 24.8 37.2
39 52.1 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 21.080 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

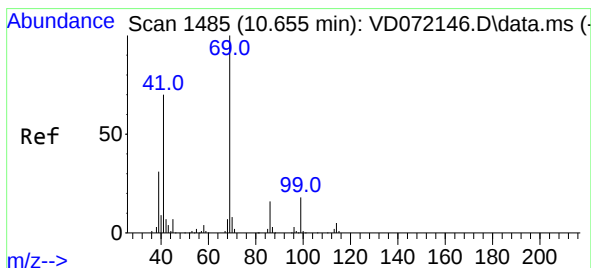
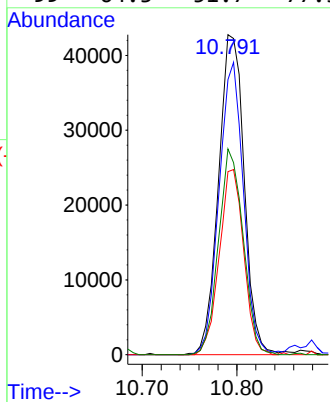
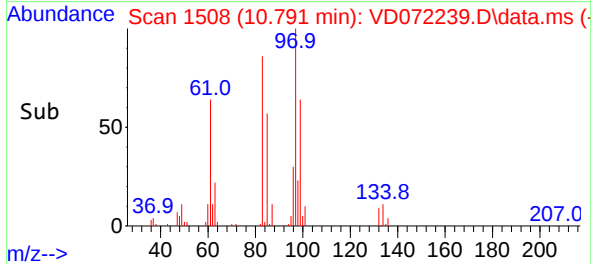
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



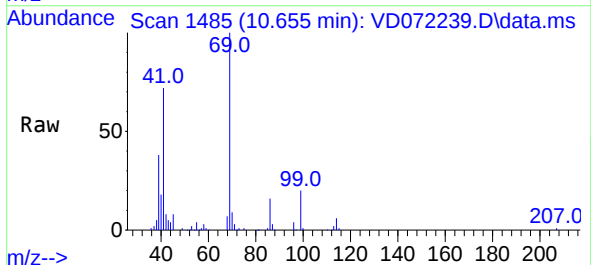
Tgt Ion: 97 Resp: 80458
Ion Ratio Lower Upper
97 100
83 86.0 69.0 103.4
85 57.2 42.6 63.8
99 64.3 51.7 77.5

Manual Integrations
APPROVED

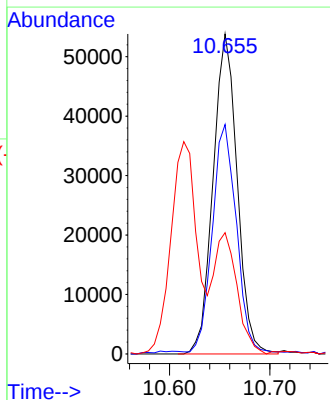
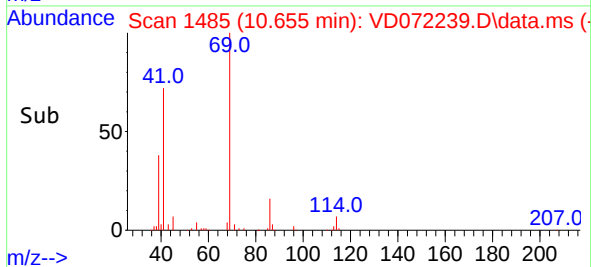
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

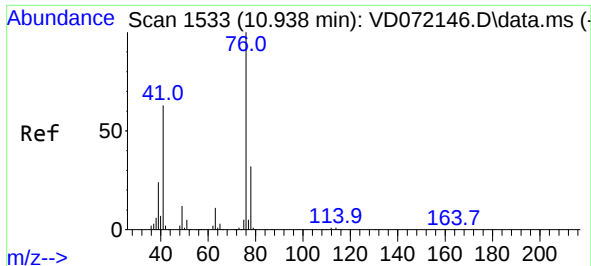


#56
Ethyl methacrylate
Concen: 20.060 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24



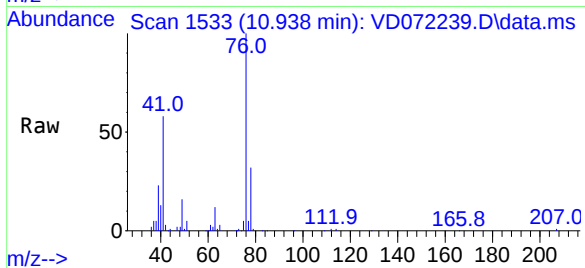
Tgt Ion: 69 Resp: 89679
Ion Ratio Lower Upper
69 100
41 70.5 63.0 94.6
39 35.9 33.8 50.8





#57
1,3-Dichloropropane
Concen: 20.726 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

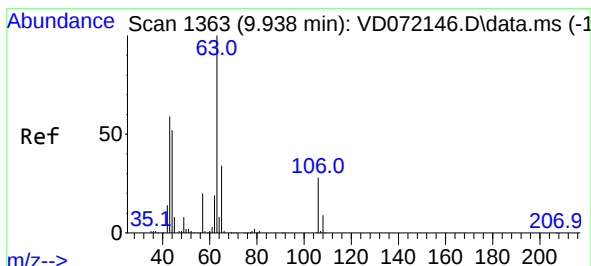
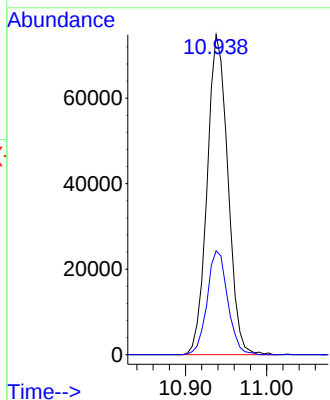
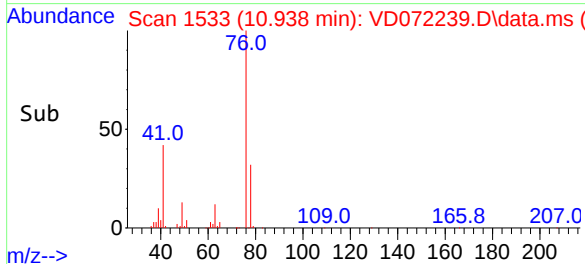
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



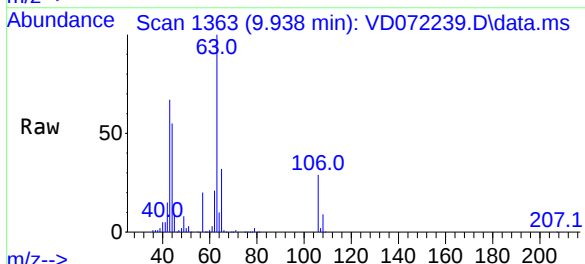
Tgt Ion: 76 Resp: 132768
Ion Ratio Lower Upper
76 100
78 32.1 26.0 39.0

Manual Integrations
APPROVED

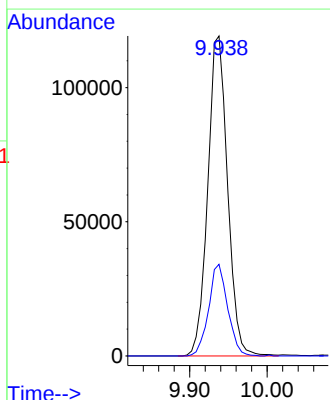
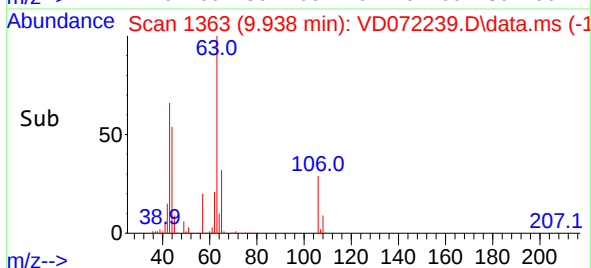
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

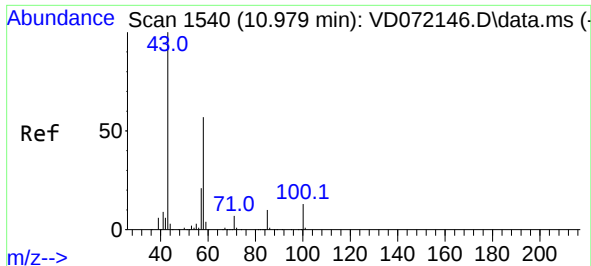


#58
2-Chloroethyl Vinyl ether
Concen: 105.476 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24



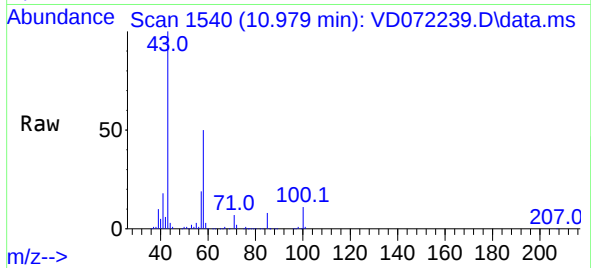
Tgt Ion: 63 Resp: 212014
Ion Ratio Lower Upper
63 100
106 27.6 21.4 32.0





#59
2-Hexanone
Concen: 107.369 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

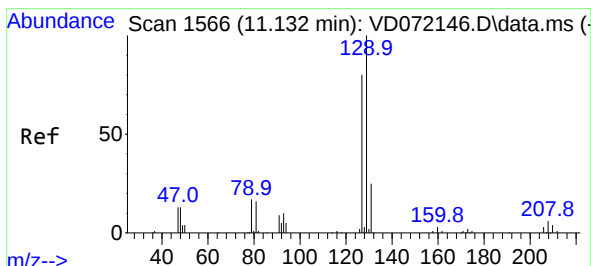
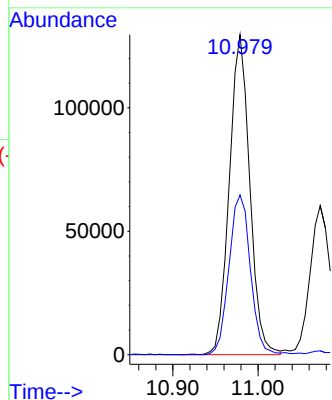
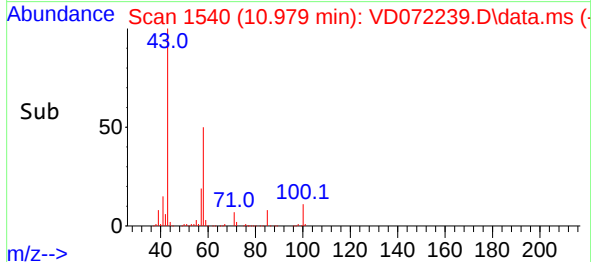
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



Tgt Ion: 43 Resp: 21557
Ion Ratio Lower Upper
43 100
58 52.5 25.3 75.9

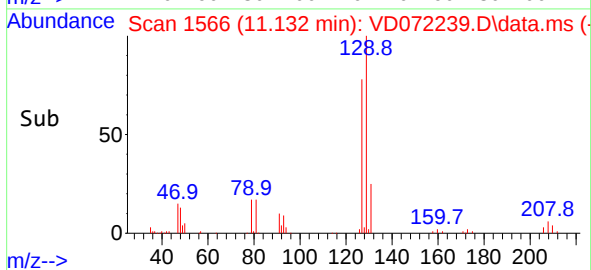
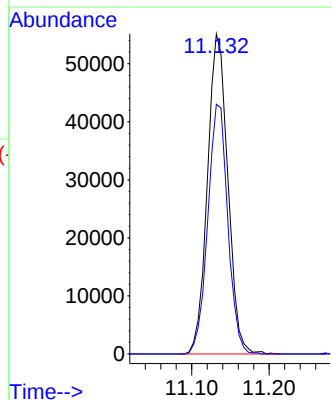
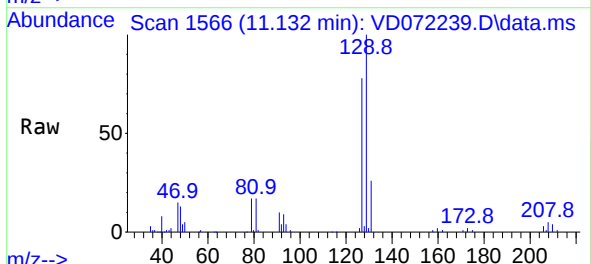
Manual Integrations
APPROVED

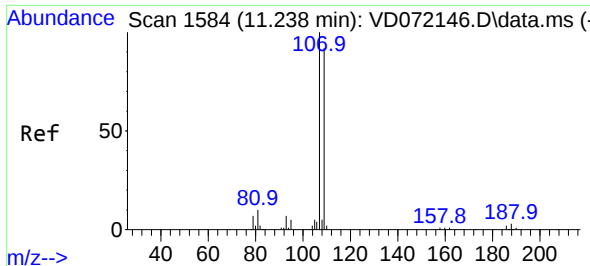
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#60
Dibromochloromethane
Concen: 20.315 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

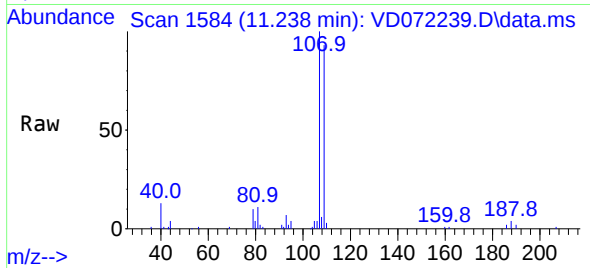
Tgt Ion:129 Resp: 100614
Ion Ratio Lower Upper
129 100
127 76.6 39.2 117.6





#61
1,2-Dibromoethane
Concen: 19.388 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

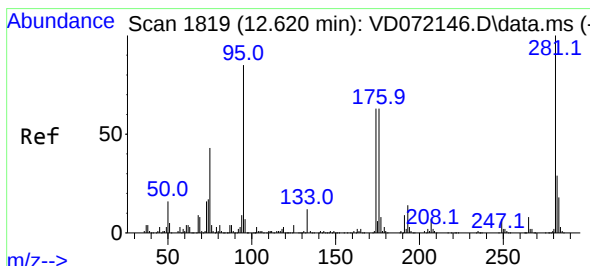
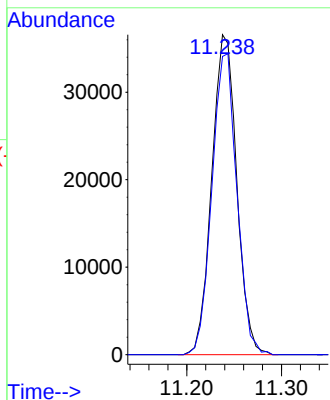
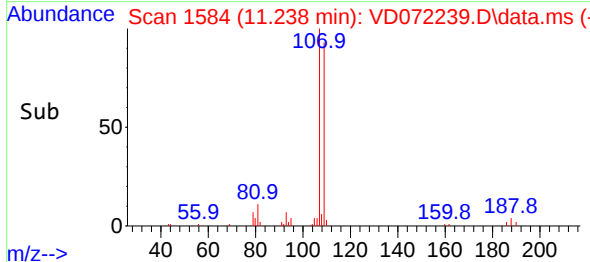
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



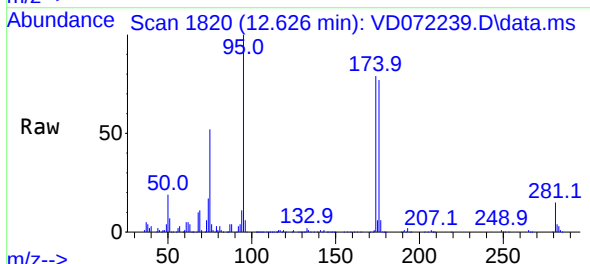
Tgt Ion:107 Resp: 66860
Ion Ratio Lower Upper
107 100
109 94.4 74.2 111.4

Manual Integrations
APPROVED

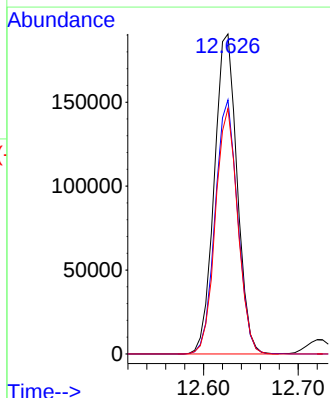
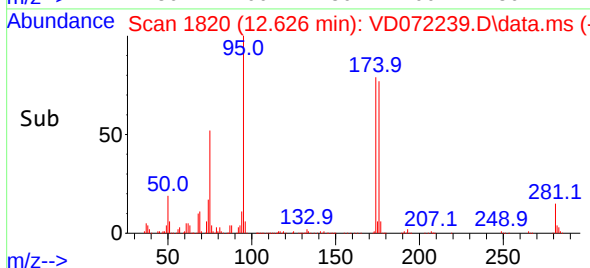
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#62
4-Bromofluorobenzene
Concen: 48.473 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24



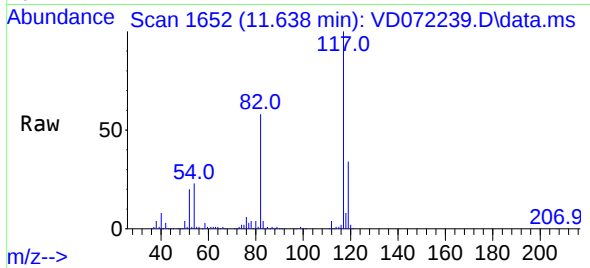
Tgt Ion: 95 Resp: 319581
Ion Ratio Lower Upper
95 100
174 78.2 0.0 152.8
176 74.9 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

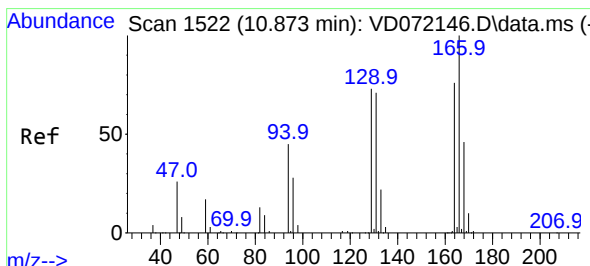
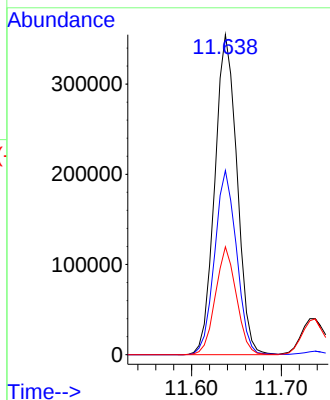
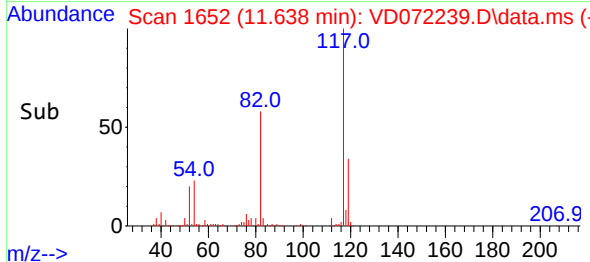
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



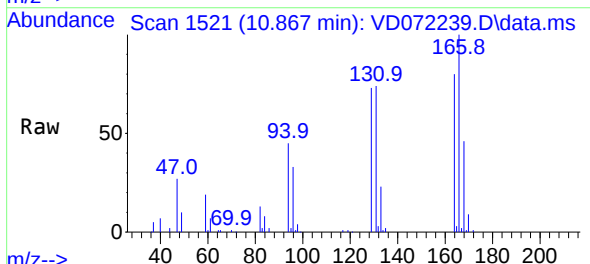
Tgt Ion:117 Resp: 61065
Ion Ratio Lower Upper
117 100
82 57.6 45.3 67.9
119 33.7 26.6 40.0

Manual Integrations
APPROVED

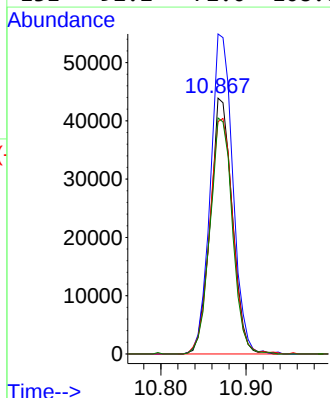
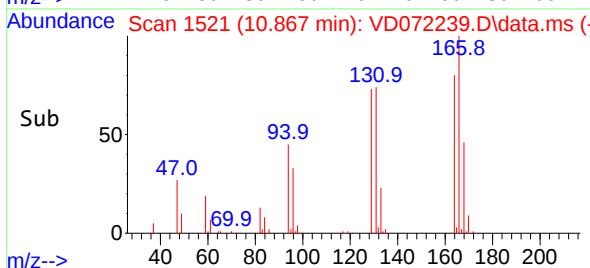
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

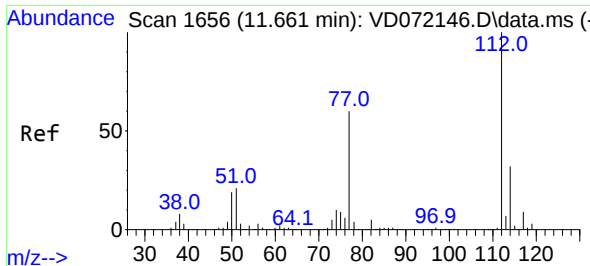


#64
Tetrachloroethene
Concen: 18.359 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24



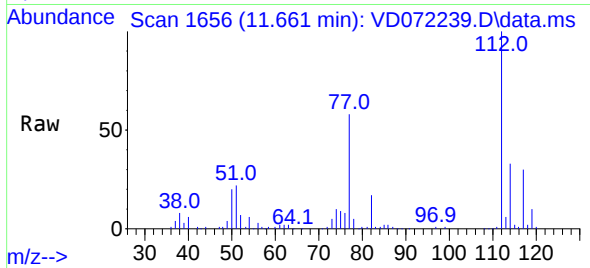
Tgt Ion:164 Resp: 78992
Ion Ratio Lower Upper
164 100
166 125.1 98.5 147.7
129 90.8 74.6 111.8
131 92.2 72.0 108.0





#65
Chlorobenzene
Concen: 19.715 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

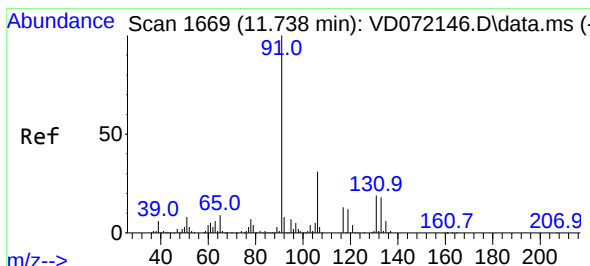
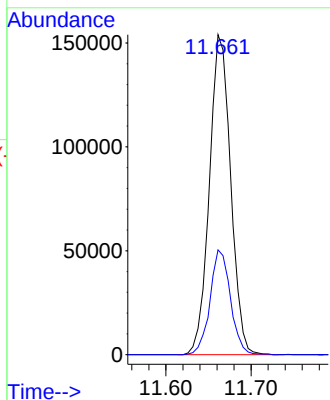
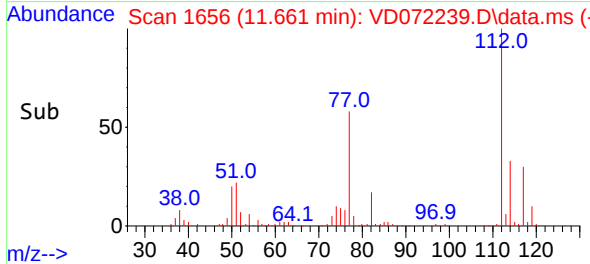
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



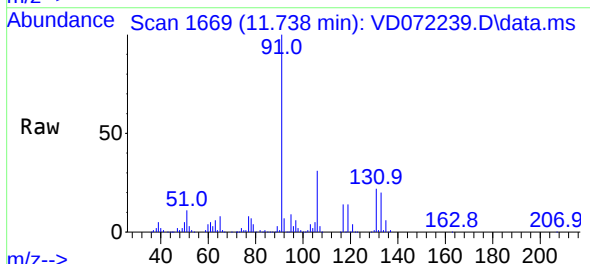
Tgt Ion:112 Resp: 266898
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6

Manual Integrations
APPROVED

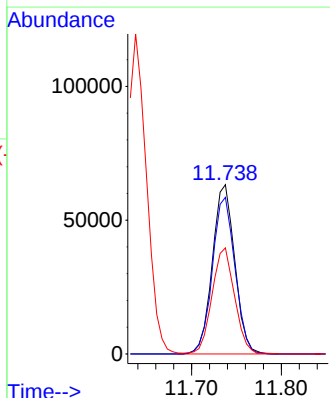
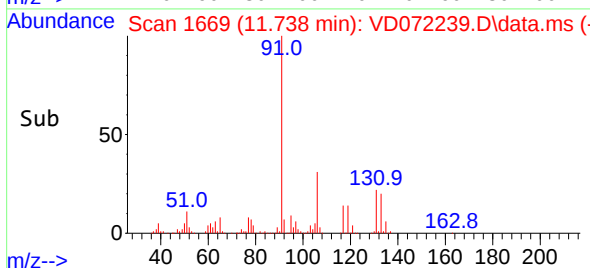
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

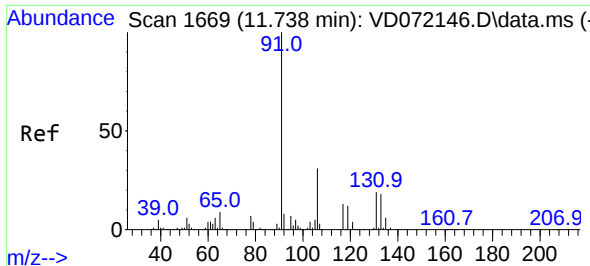


#66
1,1,1,2-Tetrachloroethane
Concen: 20.466 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24



Tgt Ion:131 Resp: 109566
Ion Ratio Lower Upper
131 100
133 93.5 48.1 144.3
119 63.2 31.9 95.9





#67

Ethyl Benzene

Concen: 19.340 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. -0.000 min

Lab File: VD072239.D

Acq: 17 Mar 2022 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0317SBS01

Tgt Ion: 91 Resp: 46763

Ion Ratio Lower Upper

91 100

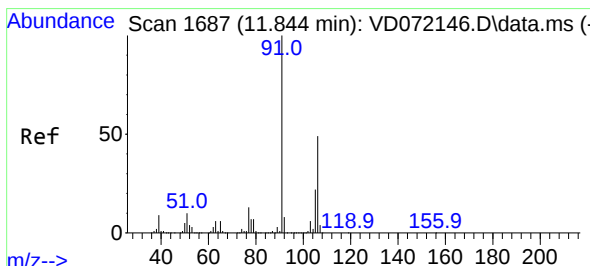
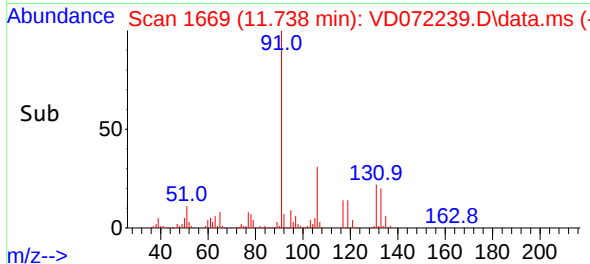
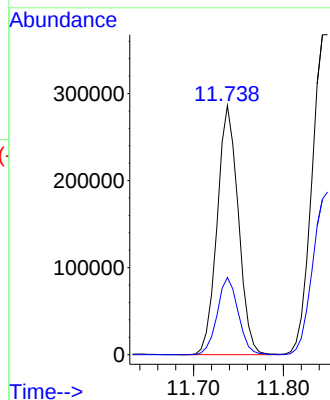
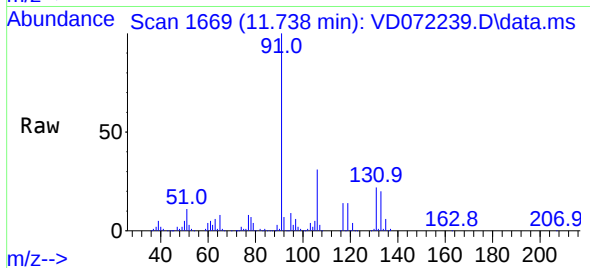
106 30.9 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#68

m/p-Xylenes

Concen: 38.809 ug/l

RT: 11.849 min Scan# 1688

Delta R.T. 0.006 min

Lab File: VD072239.D

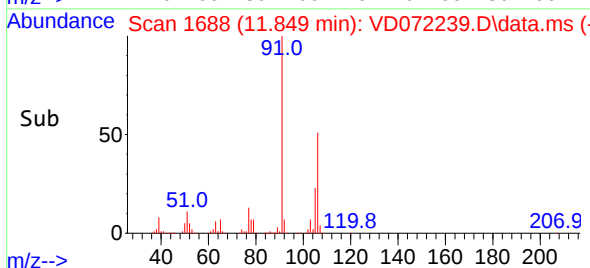
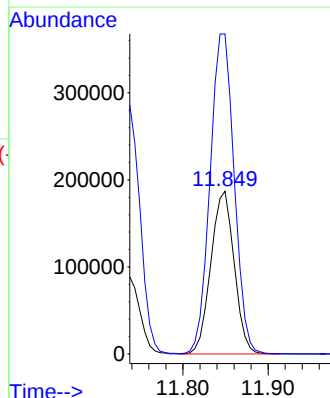
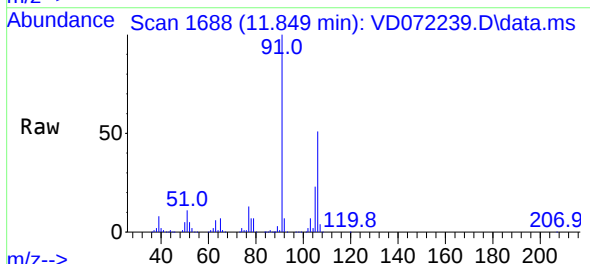
Acq: 17 Mar 2022 12:24

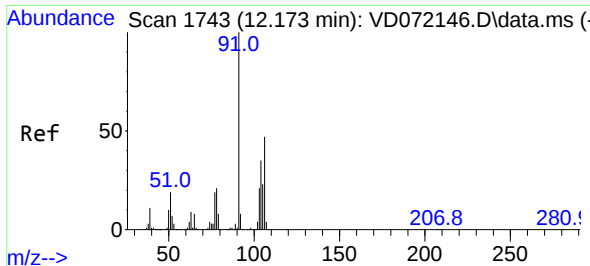
Tgt Ion:106 Resp: 356319

Ion Ratio Lower Upper

106 100

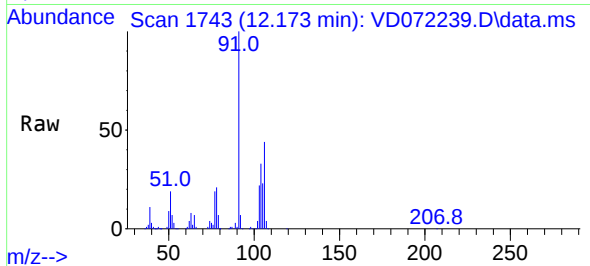
91 203.7 163.7 245.5





#69
o-Xylene
Concen: 19.026 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

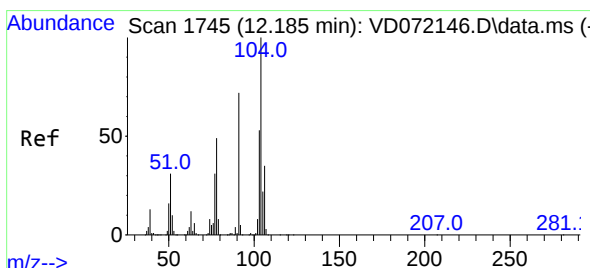
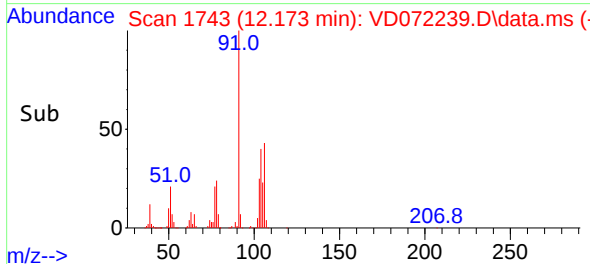
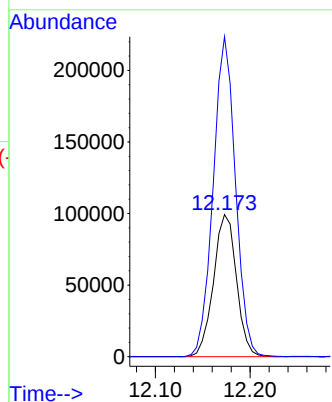
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



Tgt Ion:106 Resp: 167085
Ion Ratio Lower Upper
106 100
91 218.8 110.4 331.2

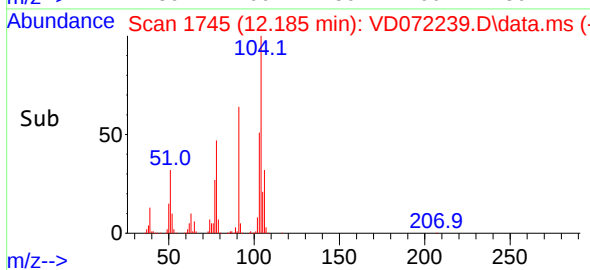
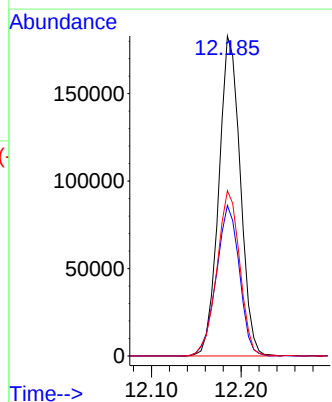
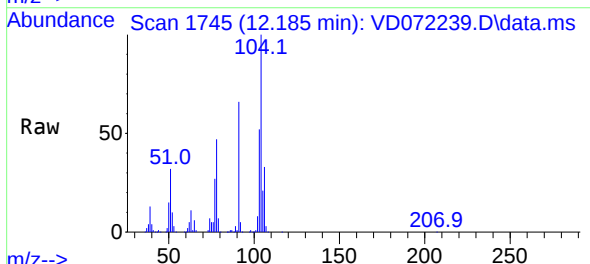
Manual Integrations
APPROVED

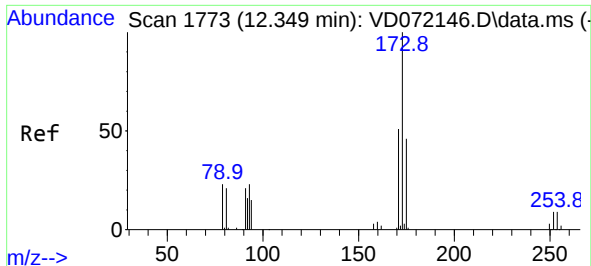
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#70
Styrene
Concen: 19.833 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

Tgt Ion:104 Resp: 304145
Ion Ratio Lower Upper
104 100
78 50.4 41.8 62.8
103 54.9 44.2 66.4





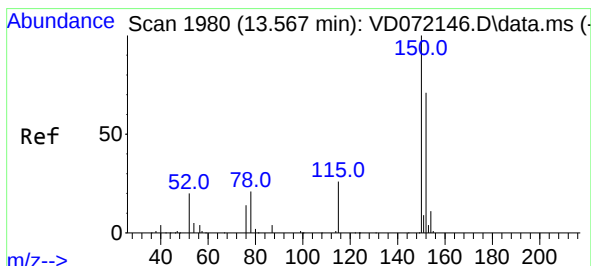
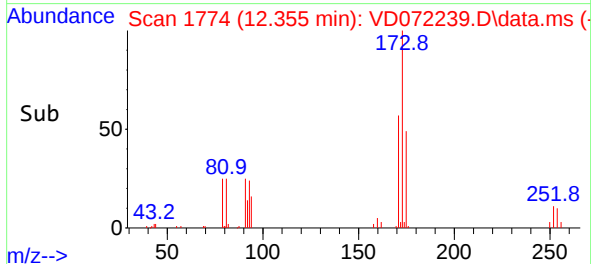
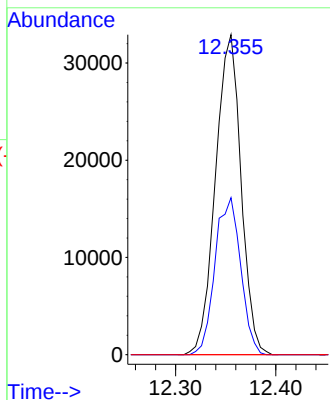
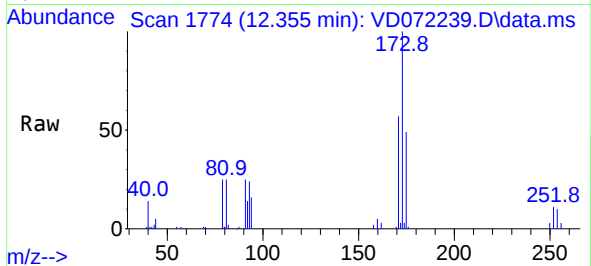
#71
Bromoform
Concen: 20.366 ug/l
RT: 12.355 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01

Tgt Ion:173 Resp: 5824
Ion Ratio Lower Upper
173 100
175 49.0 23.9 71.8
254 0.0 0.0 0.0

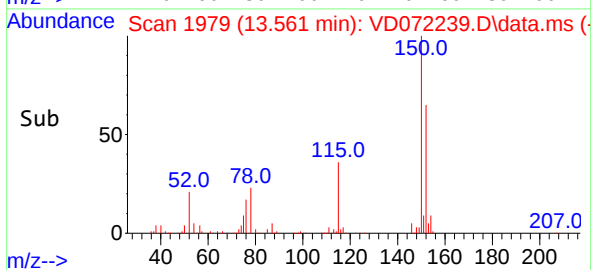
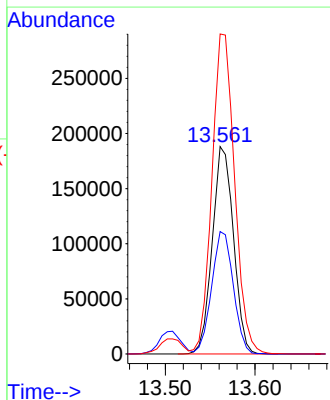
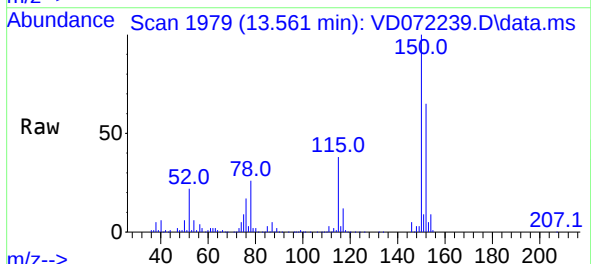
Manual Integrations
APPROVED

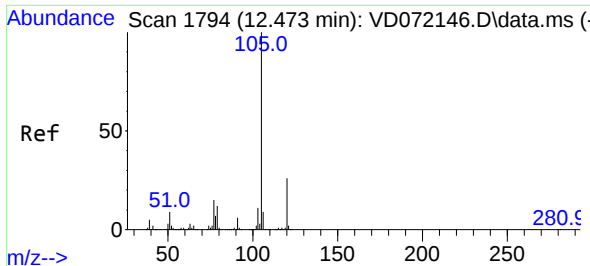
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

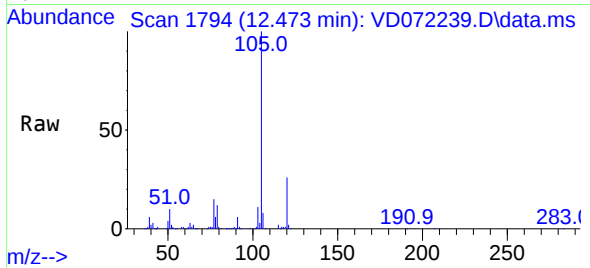
Tgt Ion:152 Resp: 308607
Ion Ratio Lower Upper
152 100
115 60.2 31.3 93.8
150 165.3 0.0 348.6





#73
Isopropylbenzene
Concen: 19.858 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

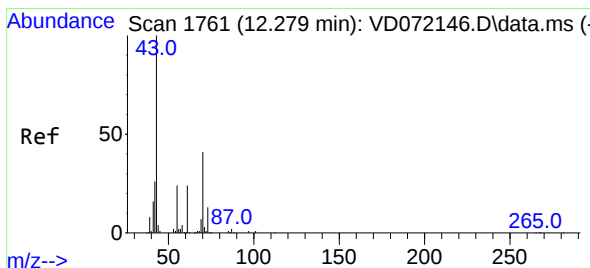
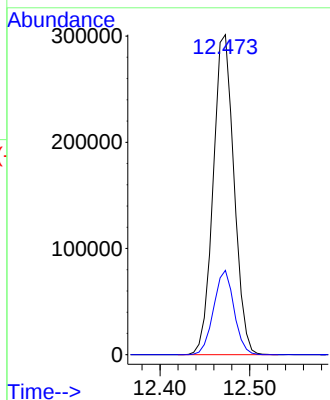
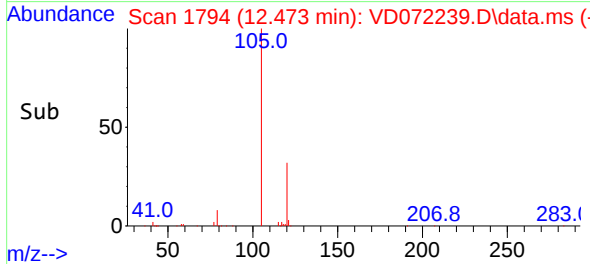
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



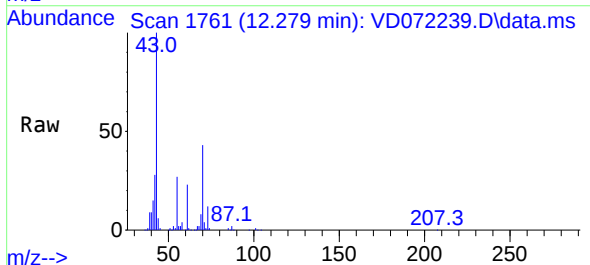
Tgt Ion:105 Resp: 485640
Ion Ratio Lower Upper
105 100
120 25.7 13.0 38.9

Manual Integrations
APPROVED

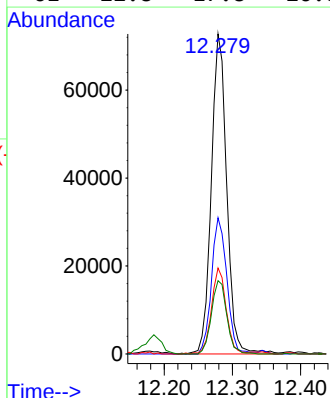
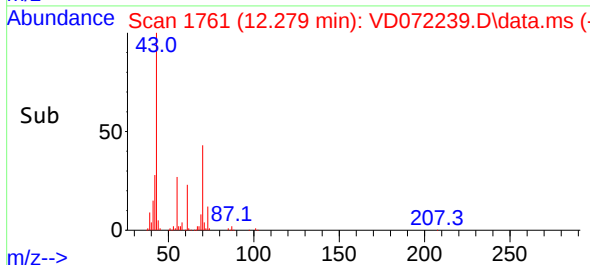
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

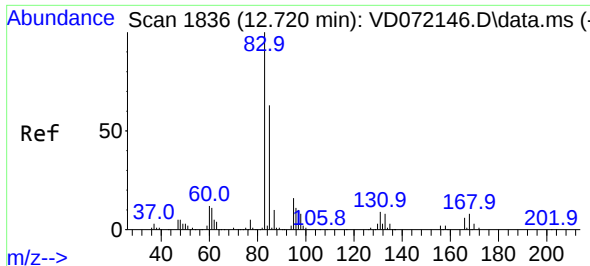


#74
N-ethyl acetate
Concen: 21.815 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24



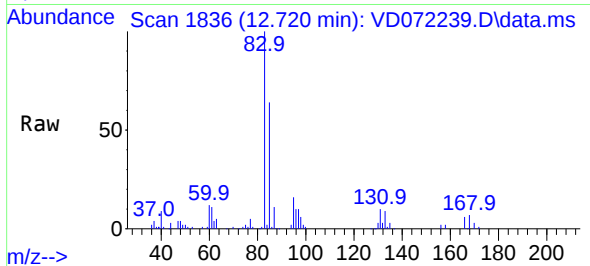
Tgt Ion: 43 Resp: 114649
Ion Ratio Lower Upper
43 100
70 42.4 31.3 46.9
55 25.6 20.0 30.0
61 22.8 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 21.398 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

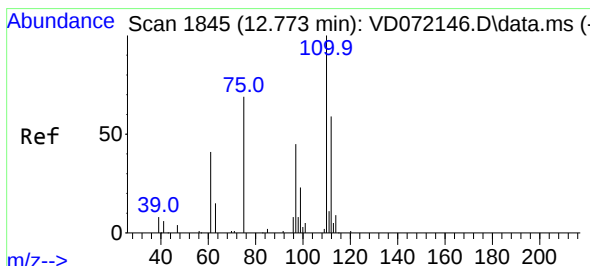
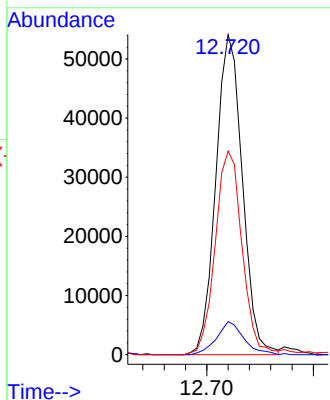
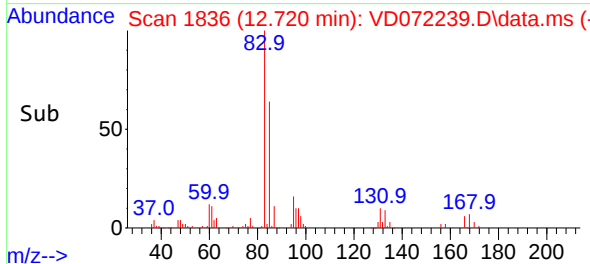
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



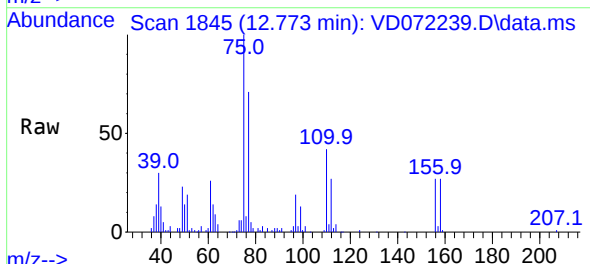
Tgt Ion: 83 Resp: 9359
Ion Ratio Lower Upper
83 100
131 10.7 5.0 14.9
85 65.4 32.6 98.0

Manual Integrations
APPROVED

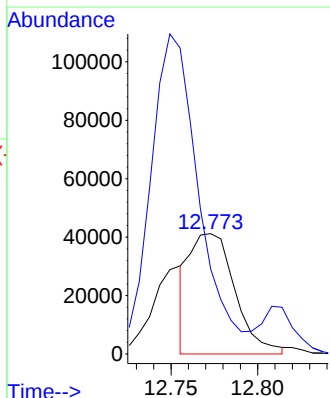
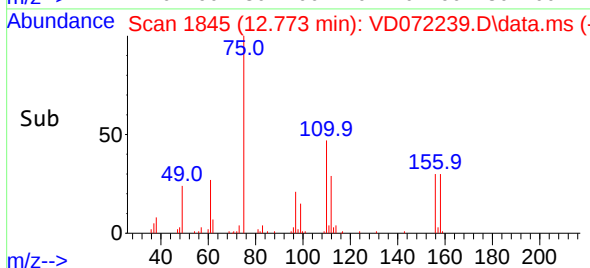
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

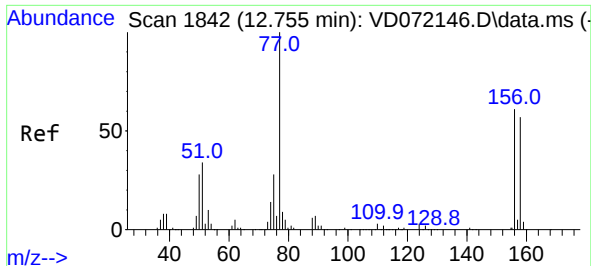


#76
1,2,3-Trichloropropane
Concen: 22.054 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24



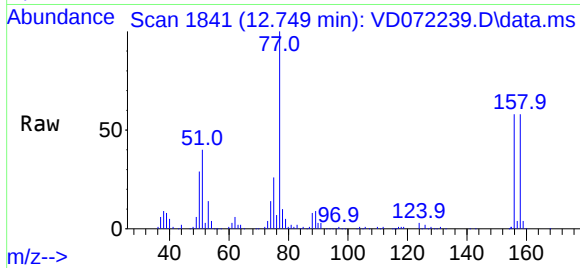
Tgt Ion: 75 Resp: 75075
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.784 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

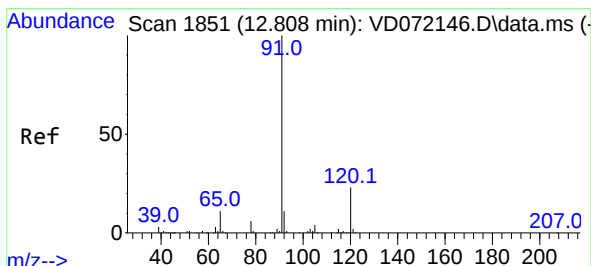
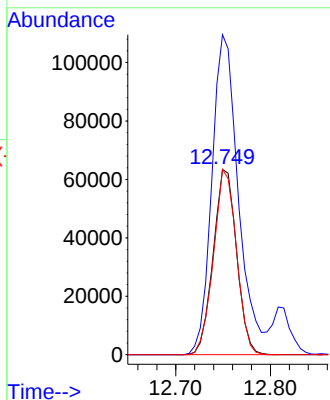
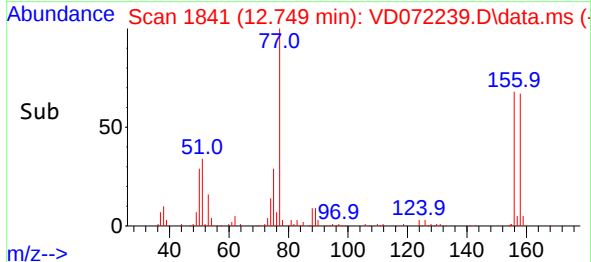
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



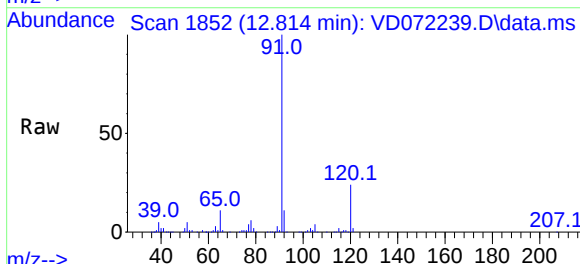
Tgt Ion:156 Resp: 108900
Ion Ratio Lower Upper
156 100
77 193.4 102.8 308.3
158 98.1 48.7 146.1

Manual Integrations
APPROVED

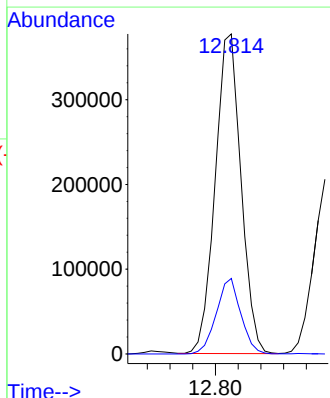
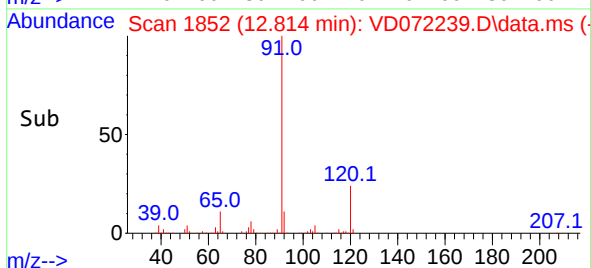
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

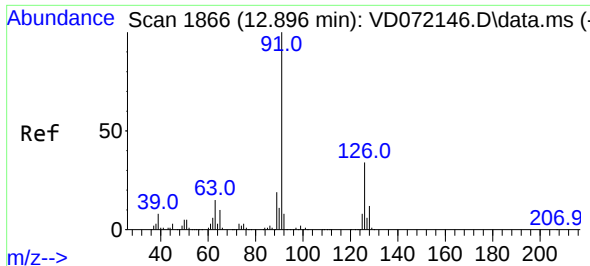


#78
n-propylbenzene
Concen: 20.029 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24



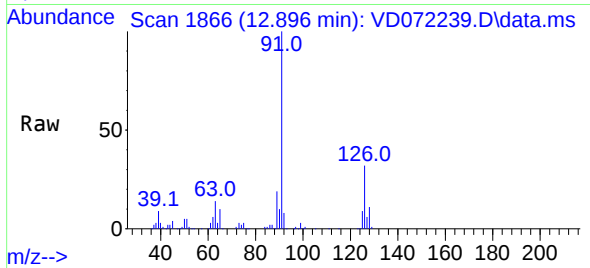
Tgt Ion: 91 Resp: 594948
Ion Ratio Lower Upper
91 100
120 22.4 10.9 32.9





#79
2-Chlorotoluene
Concen: 20.042 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

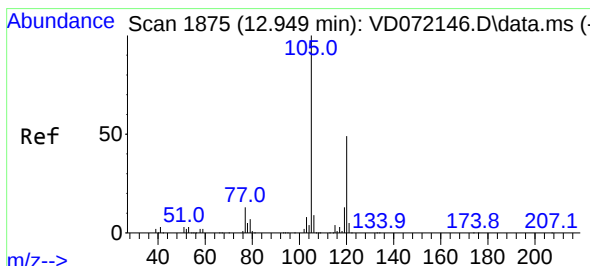
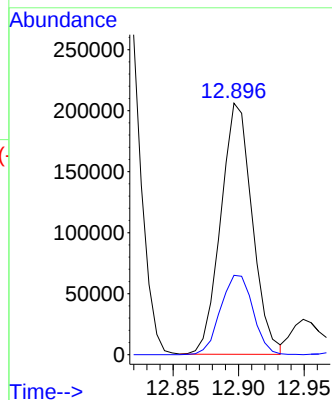
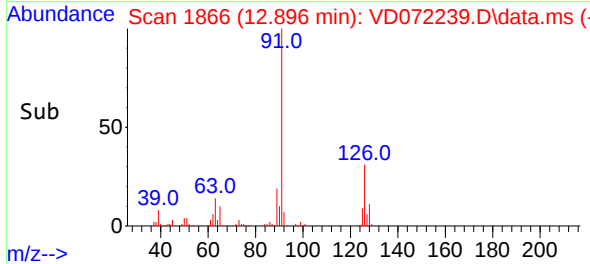
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



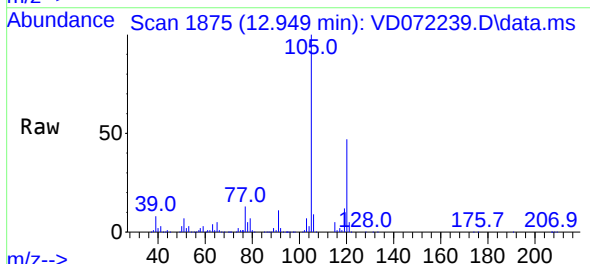
Tgt Ion: 91 Resp: 34425
Ion Ratio Lower Upper
91 100
126 32.6 16.2 48.6

Manual Integrations
APPROVED

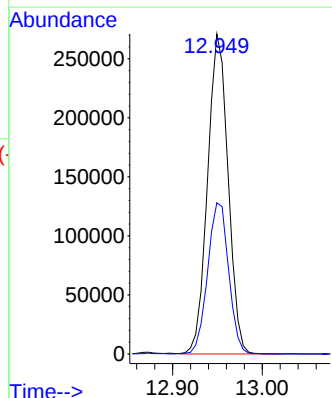
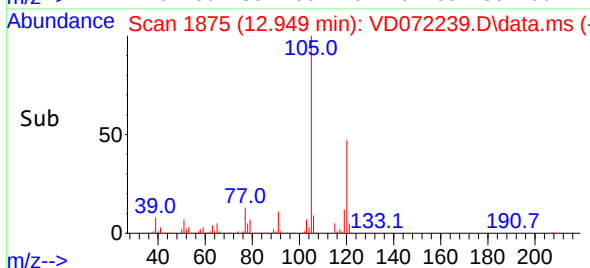
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

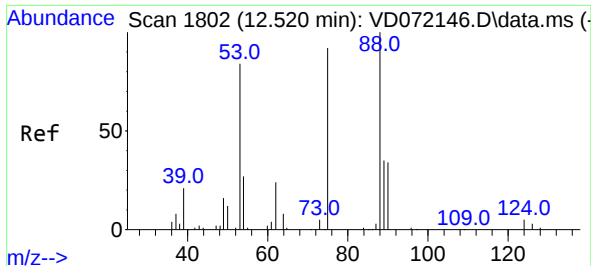


#80
1,3,5-Trimethylbenzene
Concen: 20.461 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24



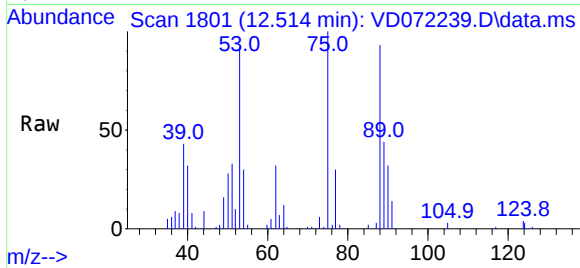
Tgt Ion:105 Resp: 429870
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 19.602 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

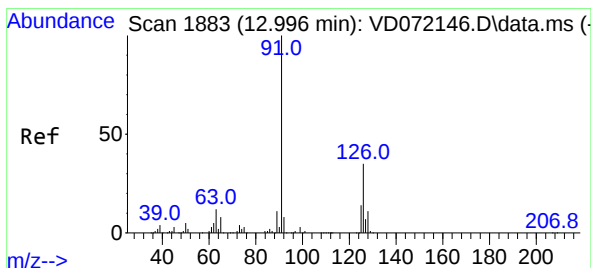
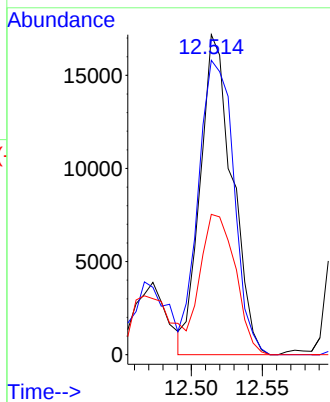
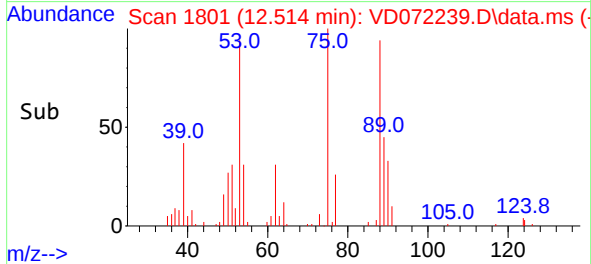
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



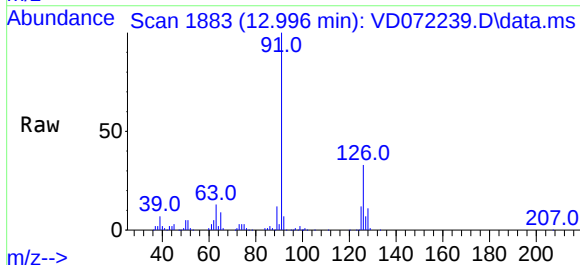
Tgt Ion: 75 Resp: 2689
Ion Ratio Lower Upper
75 100
53 101.8 86.5 129.7
89 47.7 33.9 50.9

Manual Integrations
APPROVED

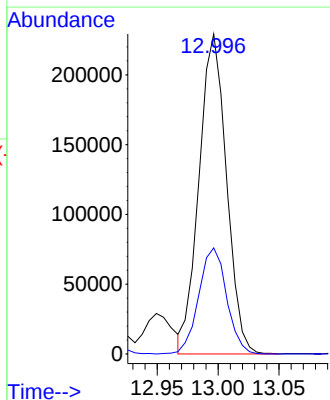
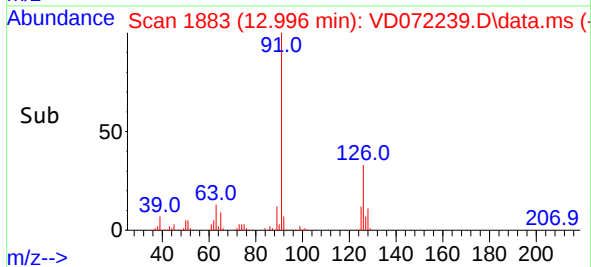
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

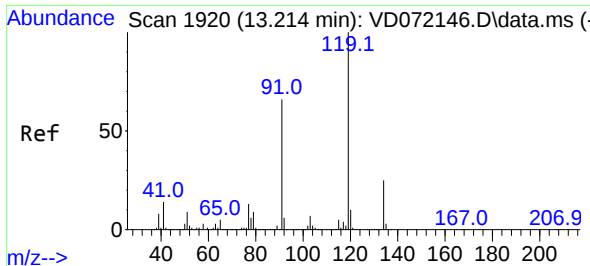


#82
4-Chlorotoluene
Concen: 20.232 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24



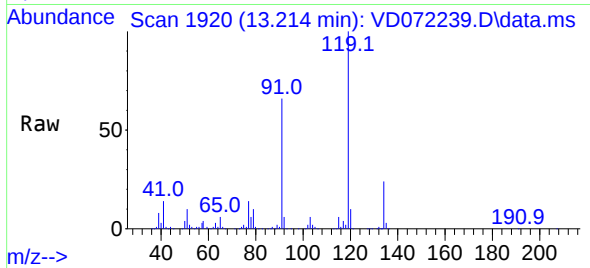
Tgt Ion: 91 Resp: 359827
Ion Ratio Lower Upper
91 100
126 33.7 16.5 49.5





#83
tert-Butylbenzene
Concen: 19.861 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

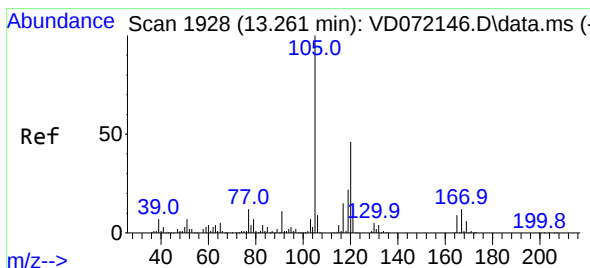
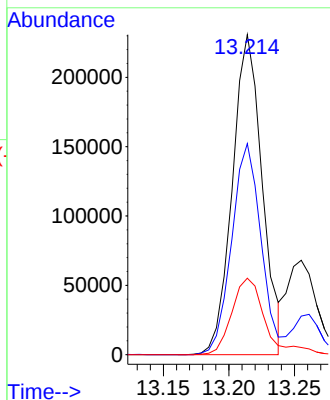
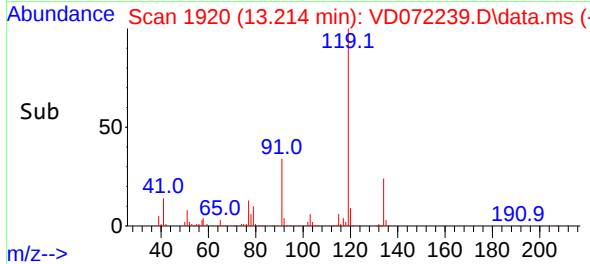
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



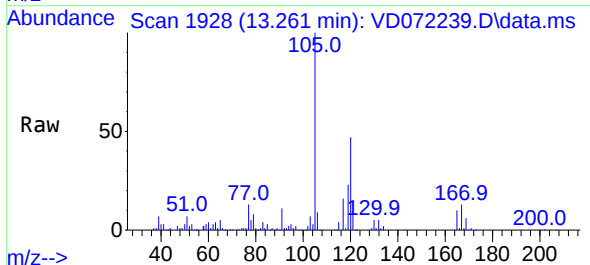
Tgt Ion:119 Resp: 36583
Ion Ratio Lower Upper
119 100
91 65.6 34.8 104.5
134 26.7 13.3 39.9

Manual Integrations
APPROVED

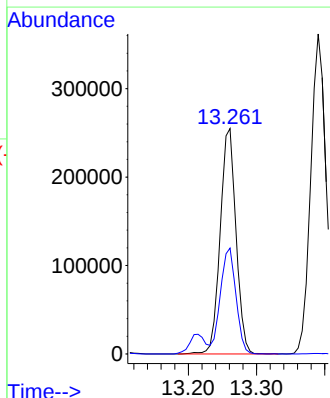
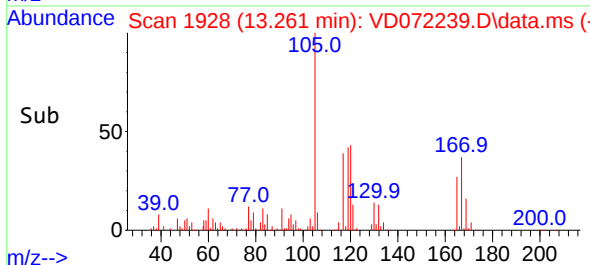
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

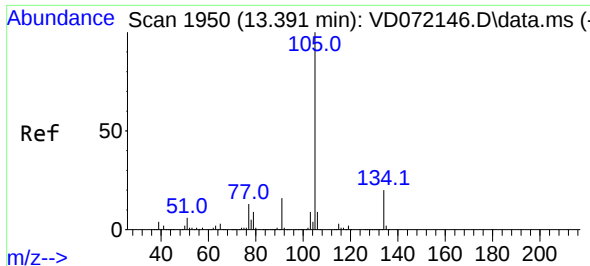


#84
1,2,4-Trimethylbenzene
Concen: 19.855 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24



Tgt Ion:105 Resp: 411030
Ion Ratio Lower Upper
105 100
120 46.1 22.3 66.8





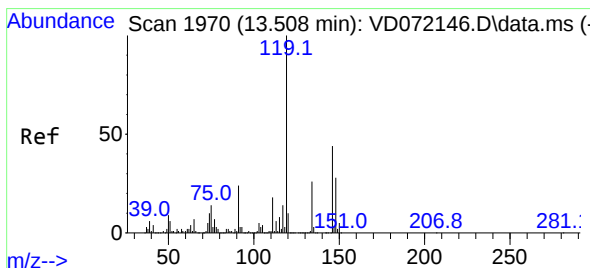
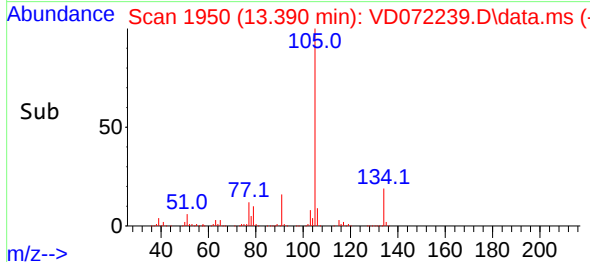
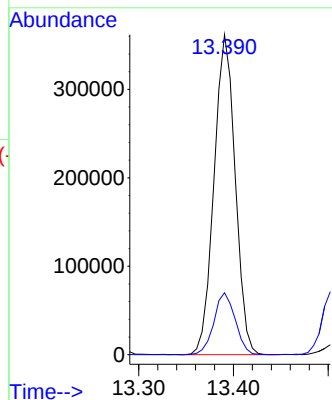
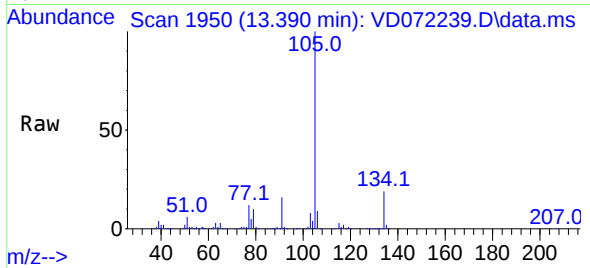
#85
 sec-Butylbenzene
 Concen: 20.325 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD072239.D
 Acq: 17 Mar 2022 12:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0317SBS01

Tgt Ion:105 Resp: 56221
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

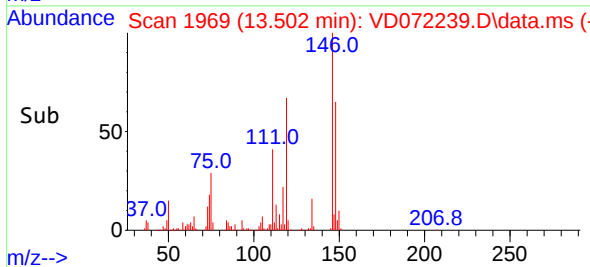
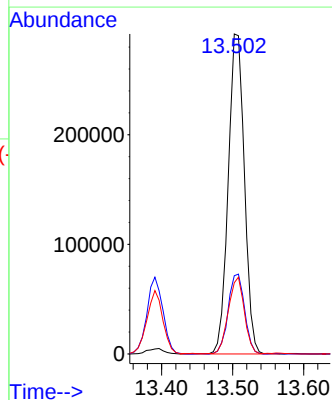
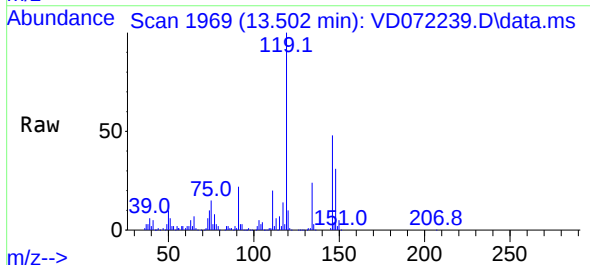
Manual Integrations
 APPROVED

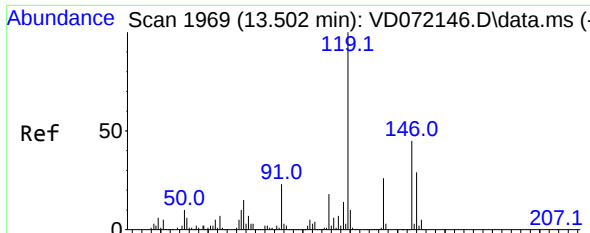
Reviewed By :John Carlone 03/18/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#86
 p-Isopropyltoluene
 Concen: 20.281 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD072239.D
 Acq: 17 Mar 2022 12:24

Tgt Ion:119 Resp: 461640
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.9 38.6
 91 23.5 12.1 36.3





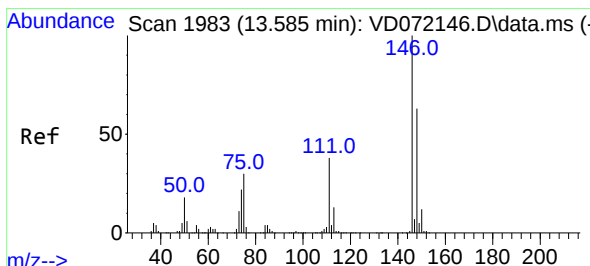
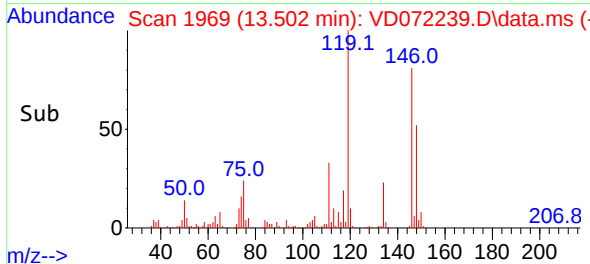
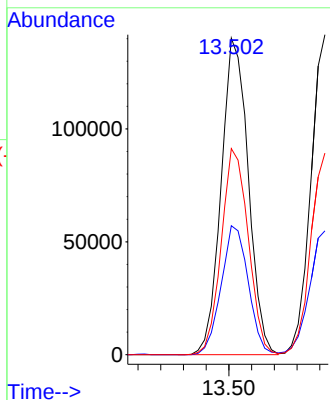
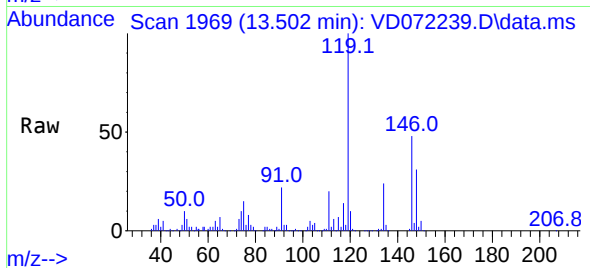
#87
1,3-Dichlorobenzene
Concen: 20.133 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01

Tgt Ion:146 Resp: 232251
Ion Ratio Lower Upper
146 100
111 40.8 20.4 61.3
148 64.7 31.9 95.7

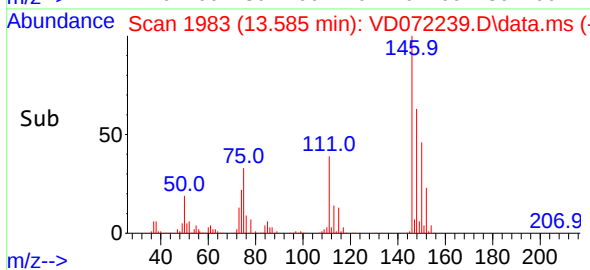
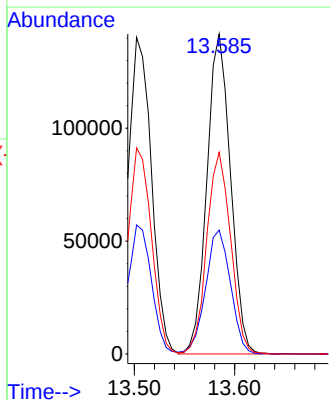
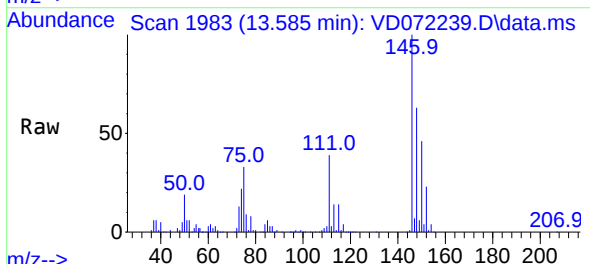
Manual Integrations
APPROVED

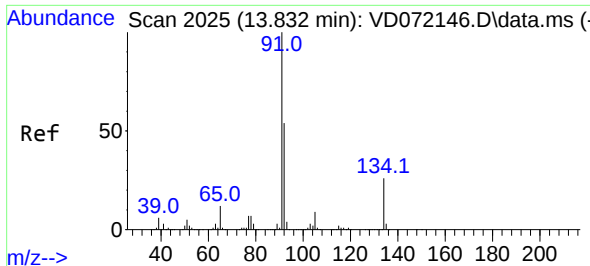
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#88
1,4-Dichlorobenzene
Concen: 20.329 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

Tgt Ion:146 Resp: 232551
Ion Ratio Lower Upper
146 100
111 40.7 20.3 60.9
148 63.7 31.7 95.1





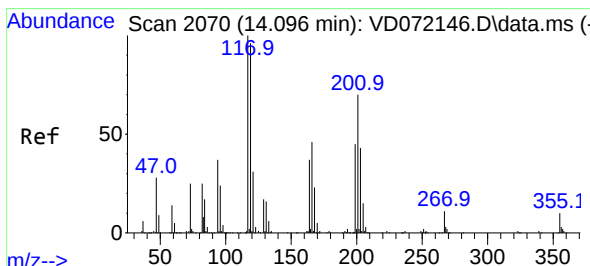
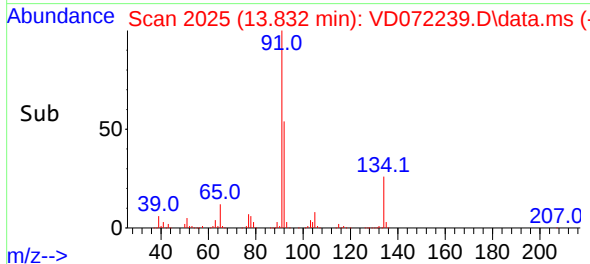
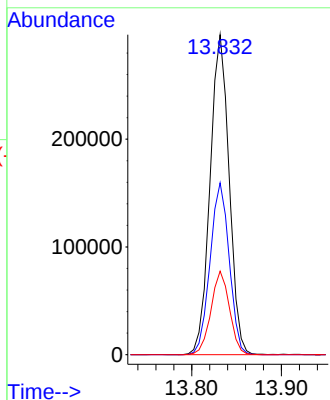
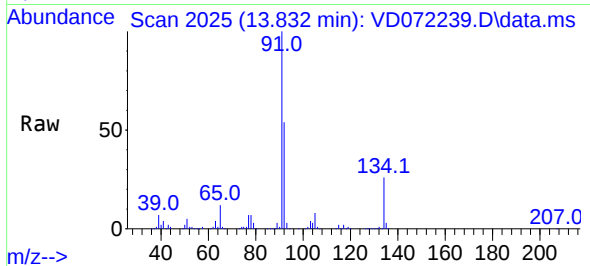
#89
n-Butylbenzene
Concen: 20.192 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01

Tgt Ion: 91 Resp: 43808
Ion Ratio Lower Upper
91 100
92 53.9 26.6 79.8
134 25.5 12.3 36.9

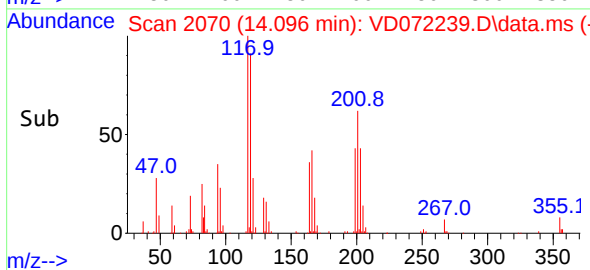
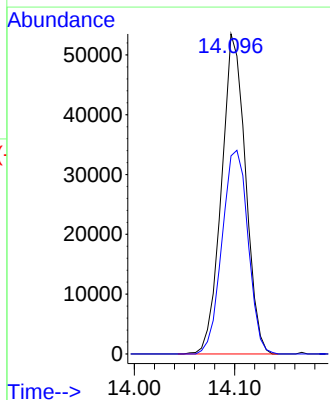
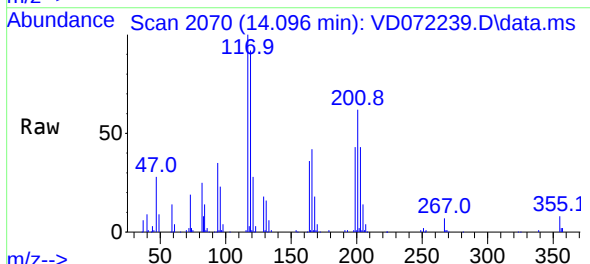
Manual Integrations
APPROVED

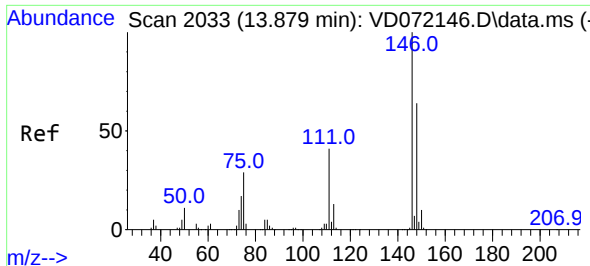
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#90
Hexachloroethane
Concen: 19.905 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

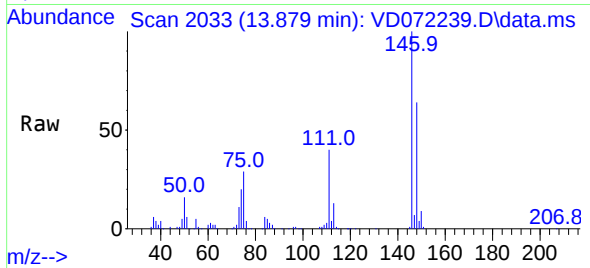
Tgt Ion:117 Resp: 88798
Ion Ratio Lower Upper
117 100
201 69.0 33.4 100.2





#91
1,2-Dichlorobenzene
Concen: 20.608 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

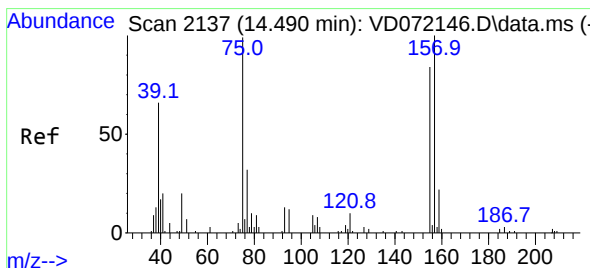
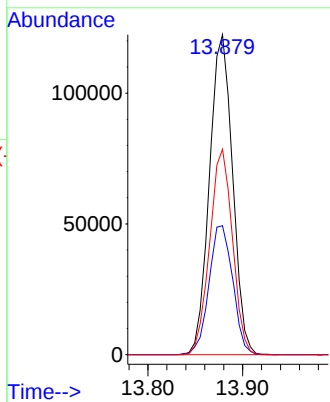
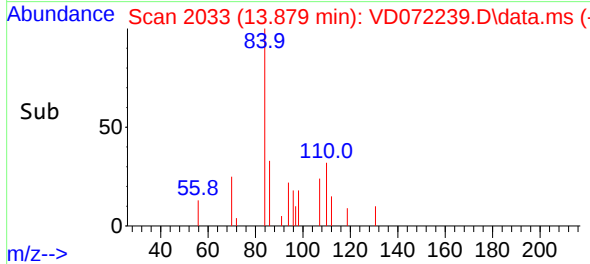
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



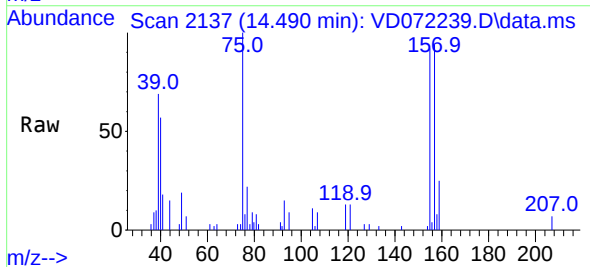
Tgt Ion:146 Resp: 207268
Ion Ratio Lower Upper
146 100
111 41.5 21.1 63.3
148 63.2 31.7 95.1

Manual Integrations
APPROVED

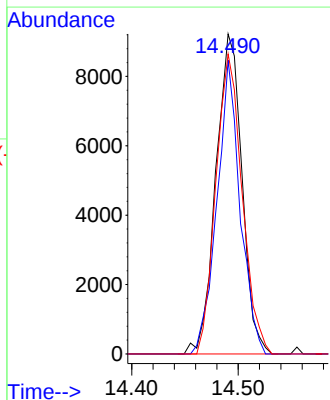
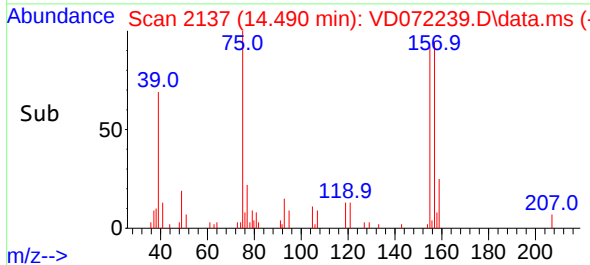
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

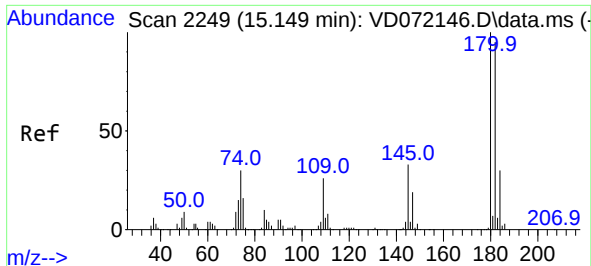


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.395 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24



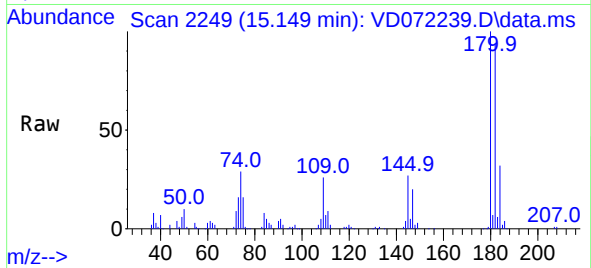
Tgt Ion: 75 Resp: 15632
Ion Ratio Lower Upper
75 100
155 81.6 36.8 110.3
157 94.5 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 19.511 ug/l
RT: 15.149 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

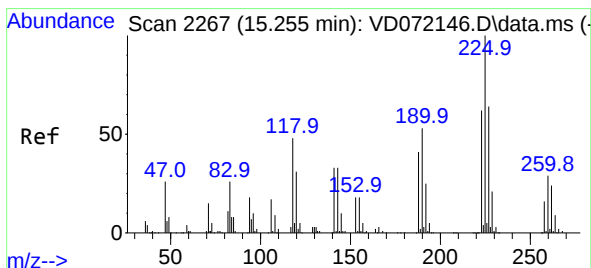
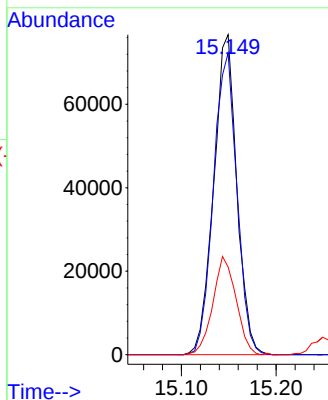
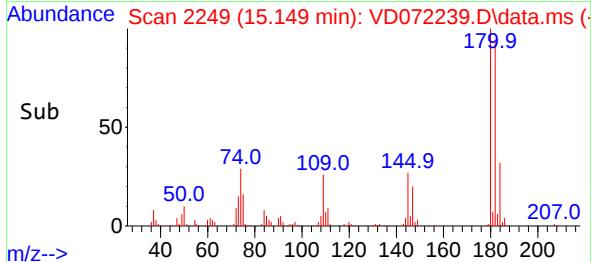
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



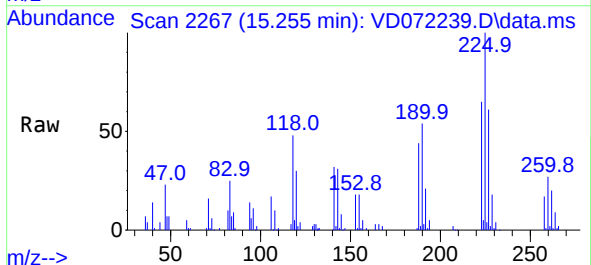
Tgt Ion:180 Resp: 129918
Ion Ratio Lower Upper
180 100
182 95.7 47.3 142.0
145 30.9 16.2 48.5

Manual Integrations
APPROVED

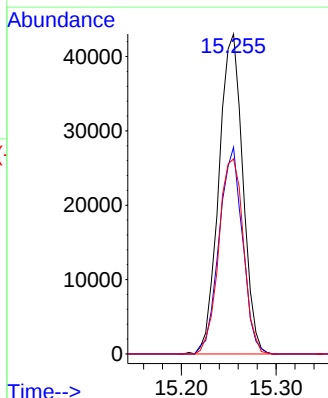
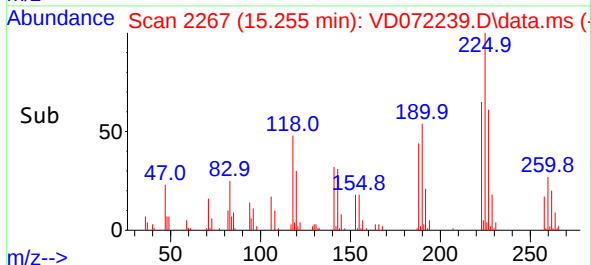
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

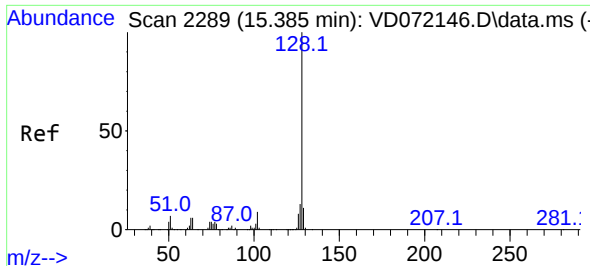


#94
Hexachlorobutadiene
Concen: 19.499 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24



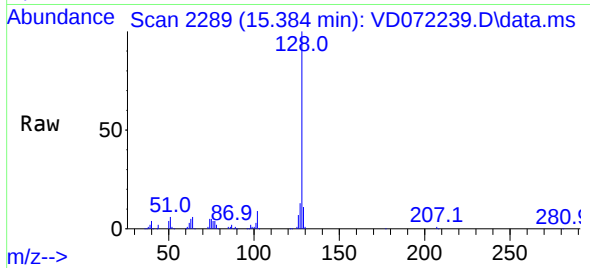
Tgt Ion:225 Resp: 75530
Ion Ratio Lower Upper
225 100
223 63.1 31.1 93.2
227 62.9 32.4 97.0





#95
Naphthalene
Concen: 19.984 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

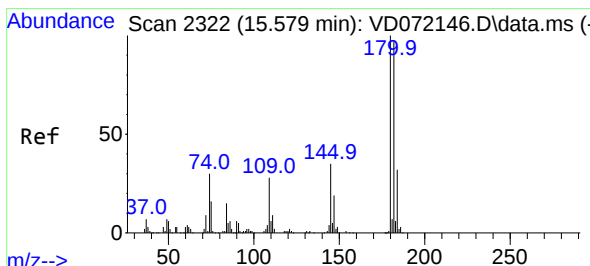
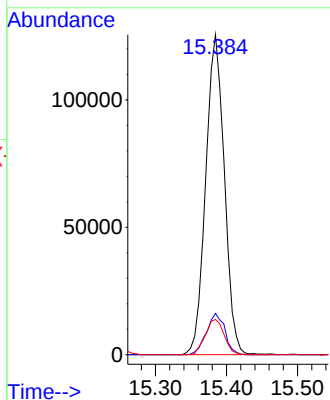
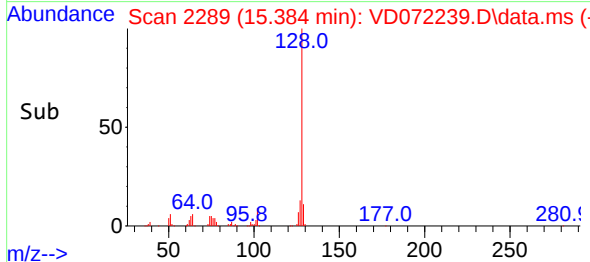
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



Tgt Ion:128 Resp: 22939
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.1 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.747 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD072239.D
Acq: 17 Mar 2022 12:24

Tgt Ion:180 Resp: 113818
Ion Ratio Lower Upper
180 100
182 96.0 47.6 142.9
145 34.5 17.1 51.3

