

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040522\
 Data File : VD072542.D
 Acq On : 05 Apr 2022 19:03
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/06/2022
 Supervised By : Mahesh Dadoda 04/06/2022

Quant Time: Apr 06 01:15:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	427021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	719011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	665779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	327847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	243689	47.175	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.340%		
35) Dibromofluoromethane	7.909	113	258085	46.188	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.380%		
50) Toluene-d8	10.332	98	886252	45.628	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.260%		
62) 4-Bromofluorobenzene	12.620	95	356445	46.989	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	172961	51.036	ug/l	97
3) Chloromethane	2.209	50	185666	59.231	ug/l	96
4) Vinyl Chloride	2.350	62	190728	52.881	ug/l	99
5) Bromomethane	2.768	94	132751	54.958	ug/l	93
6) Chloroethane	2.921	64	134816	58.394	ug/l	96
7) Trichlorofluoromethane	3.273	101	413426	56.203	ug/l	99
8) Diethyl Ether	3.709	74	126478	57.858	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.091	101	262790	53.567	ug/l	96
10) Methyl Iodide	4.297	142	229896	50.254	ug/l	98
11) Tert butyl alcohol	5.220	59	81399	298.391	ug/l	97
12) 1,1-Dichloroethene	4.068	96	216022	56.323	ug/l	90
13) Acrolein	3.926	56	14975	123.703	ug/l	99
14) Allyl chloride	4.715	41	360036	53.379	ug/l #	92
15) Acrylonitrile	5.420	53	319117	291.904	ug/l	98
16) Acetone	4.156	43	221825	230.295	ug/l	90
17) Carbon Disulfide	4.409	76	441142	52.882	ug/l	100
18) Methyl Acetate	4.720	43	138240	50.943	ug/l	92
19) Methyl tert-butyl Ether	5.479	73	661870	59.123	ug/l	91
20) Methylene Chloride	4.962	84	306776	53.498	ug/l	86
21) trans-1,2-Dichloroethene	5.473	96	258061	55.048	ug/l	90
22) Diisopropyl ether	6.362	45	892807	57.938	ug/l #	94
23) Vinyl Acetate	6.303	43	2375675	285.710	ug/l #	93
24) 1,1-Dichloroethane	6.256	63	526628	56.714	ug/l	98
25) 2-Butanone	7.203	43	372709	279.777	ug/l	91
26) 2,2-Dichloropropane	7.203	77	446636	54.153	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	334560	57.451	ug/l	91
28) Bromochloromethane	7.544	49	195044	49.022	ug/l #	76
29) Tetrahydrofuran	7.561	42	238021	295.941	ug/l	89
30) Chloroform	7.703	83	584339	55.942	ug/l	99
31) Cyclohexane	7.985	56	383730	56.811	ug/l	91
32) 1,1,1-Trichloroethane	7.897	97	503311	56.811	ug/l	95
36) 1,1-Dichloropropene	8.108	75	370540	51.849	ug/l	96
37) Ethyl Acetate	7.291	43	177623	59.992	ug/l #	94
38) Carbon Tetrachloride	8.091	117	423407	55.002	ug/l	97
39) Methylcyclohexane	9.350	83	542962	64.411	ug/l	95
40) Benzene	8.344	78	1119635	57.374	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	104606	60.108	ug/l #	88
42) 1,2-Dichloroethane	8.420	62	345653	57.950	ug/l	95
43) Isopropyl Acetate	8.450	43	350003	61.628	ug/l #	94
44) Trichloroethene	9.108	130	314950	56.848	ug/l	97
45) 1,2-Dichloropropane	9.379	63	307245	56.599	ug/l	94
46) Dibromomethane	9.467	93	164790	57.861	ug/l	96
47) Bromodichloromethane	9.655	83	455563	55.678	ug/l	99
48) Methyl methacrylate	9.450	41	171810	62.311	ug/l	88
49) 1,4-Dioxane	9.455	88	39186	1156.646	ug/l #	87
51) 4-Methyl-2-Pentanone	10.220	43	899638	295.216	ug/l	90
52) Toluene	10.397	92	746029	57.546	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	403875	56.644	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	466723	55.365	ug/l #	89
55) 1,1,2-Trichloroethane	10.791	97	255796	59.243	ug/l	97
56) Ethyl methacrylate	10.655	69	305017	57.275	ug/l	87
57) 1,3-Dichloropropane	10.938	76	397110	55.633	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	489573	229.665	ug/l	91
59) 2-Hexanone	10.973	43	615944	297.229	ug/l	93
60) Dibromochloromethane	11.132	129	309509	55.571	ug/l	98
61) 1,2-Dibromoethane	11.238	107	224406	58.537	ug/l	98
64) Tetrachloroethene	10.867	164	241340	55.481	ug/l	94
65) Chlorobenzene	11.661	112	821853	55.213	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	329499	55.368	ug/l	99
67) Ethyl Benzene	11.738	91	1469771	56.589	ug/l	98
68) m/p-Xylenes	11.844	106	1122955	113.964	ug/l	100
69) o-Xylene	12.173	106	544769	57.301	ug/l	98
70) Styrene	12.185	104	964591	57.569	ug/l	97
71) Bromoform	12.349	173	174841	55.420	ug/l #	98
73) Isopropylbenzene	12.467	105	1487571	56.183	ug/l	100
74) N-amyl acetate	12.279	43	325722	58.631	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.720	83	272162	54.269	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	200408m	56.047	ug/l	
77) Bromobenzene	12.749	156	332412	56.013	ug/l	93
78) n-propylbenzene	12.808	91	1770780	55.439	ug/l	98
79) 2-Chlorotoluene	12.896	91	1039537	55.650	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	1256275	55.400	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	78659	53.979	ug/l	93
82) 4-Chlorotoluene	12.996	91	1087855	55.918	ug/l	100
83) tert-Butylbenzene	13.214	119	1116443	56.871	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	1238254	55.841	ug/l	100
85) sec-Butylbenzene	13.391	105	1629074	55.092	ug/l	99
86) p-Isopropyltoluene	13.502	119	1347125	55.735	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	677410	55.087	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	658189	53.105	ug/l	99
89) n-Butylbenzene	13.826	91	1261260	54.778	ug/l	98
90) Hexachloroethane	14.096	117	265083	53.574	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	594828	54.842	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	43821	59.082	ug/l	90
93) 1,2,4-Trichlorobenzene	15.143	180	363488	54.067	ug/l	97
94) Hexachlorobutadiene	15.249	225	206265	54.773	ug/l	98
95) Naphthalene	15.385	128	733992	56.188	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	321255	54.750	ug/l	99

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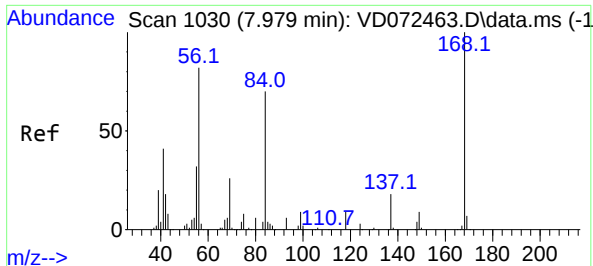
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/06/2022

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
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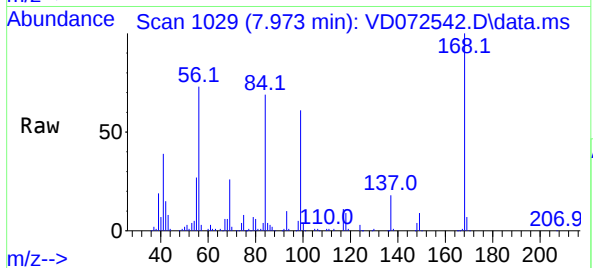
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.973 min Scan# 10
 Delta R.T. -0.006 min
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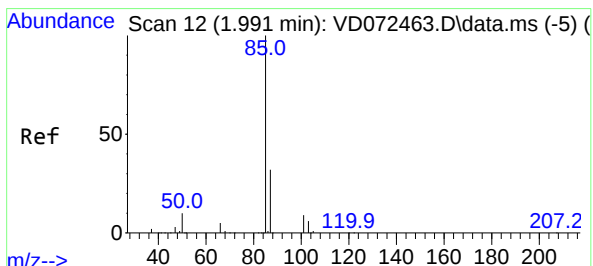
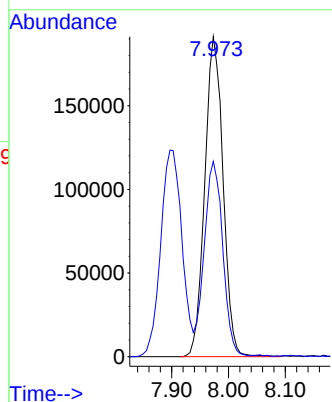
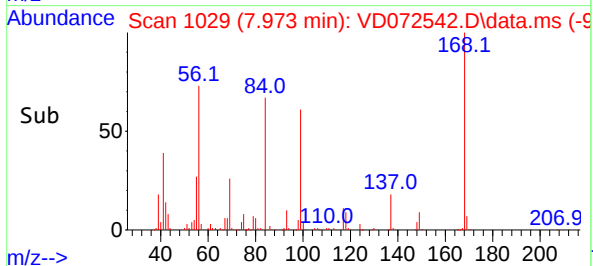
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:168 Resp: 42702
 Ion Ratio Lower Upper
 168 100
 99 60.8 49.8 74.6

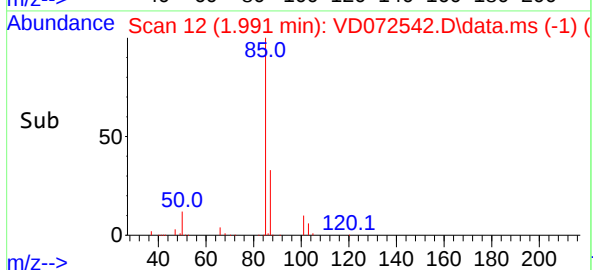
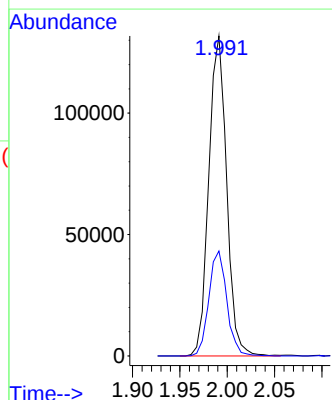
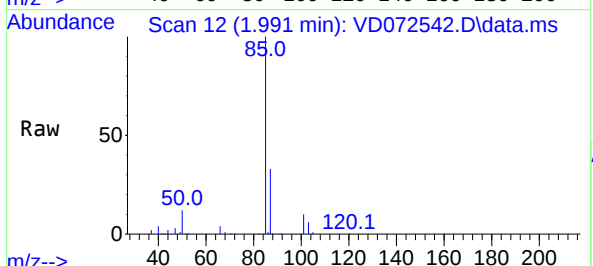
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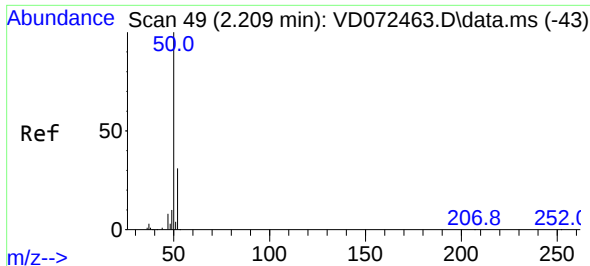
Reviewed By :John Carlone 04/06/2022
 Supervised By :Mahesh Dadoda 04/06/2022



Dichlorodifluoromethane
 Concen: 51.036 ug/l
 RT: 1.991 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: VD072542.D
 Acq: 05 Apr 2022 19:03

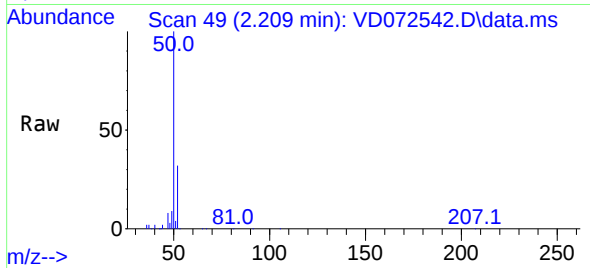
Tgt Ion: 85 Resp: 172961
 Ion Ratio Lower Upper
 85 100
 87 32.8 15.7 47.0





#3
Chloromethane
Concen: 59.231 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

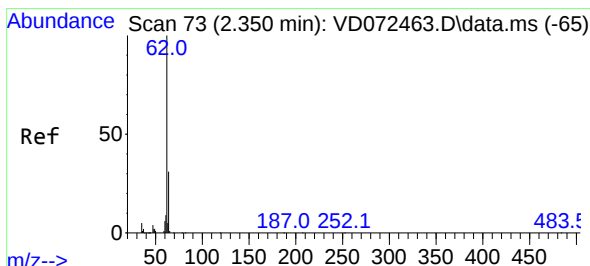
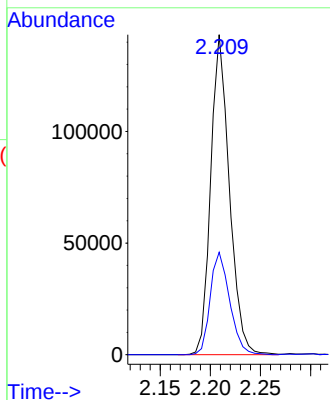
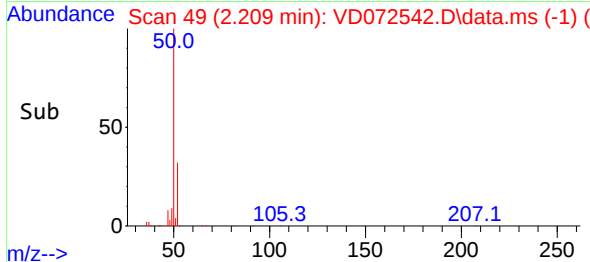
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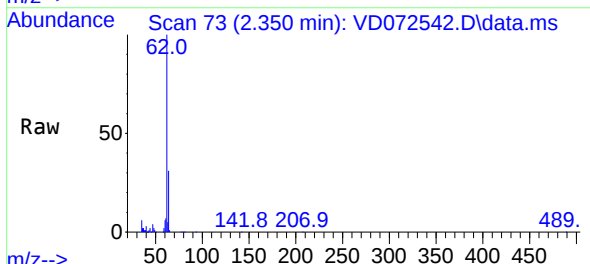
Tgt Ion: 50 Resp: 185660
Ion Ratio Lower Upper
50 100
52 32.0 27.4 41.0

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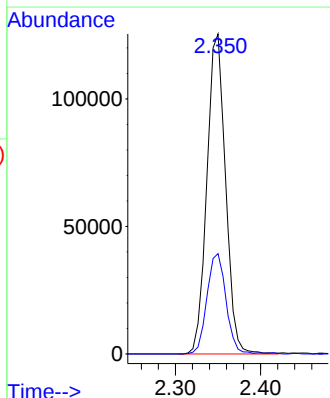
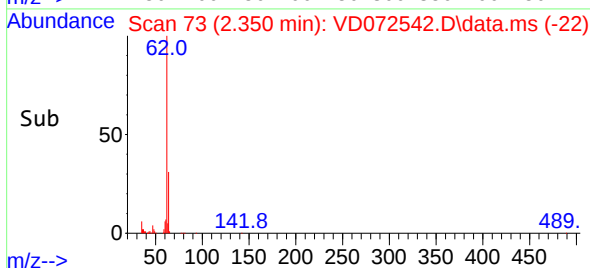
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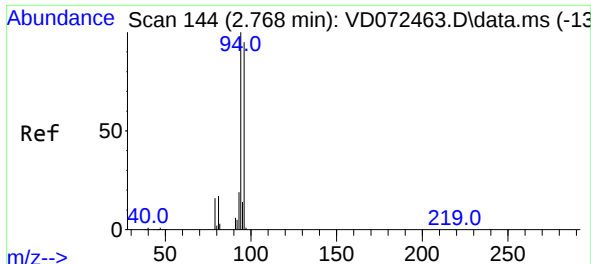


#4
Vinyl Chloride
Concen: 52.881 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03



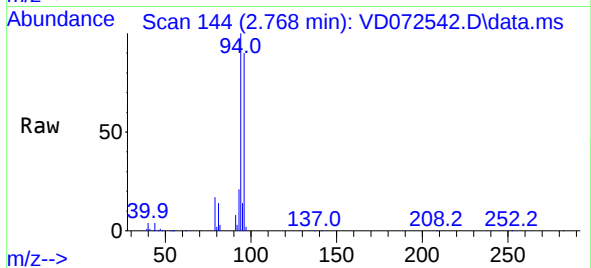
Tgt Ion: 62 Resp: 190728
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0





#5
Bromomethane
Concen: 54.958 ug/l
RT: 2.768 min Scan# 144
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

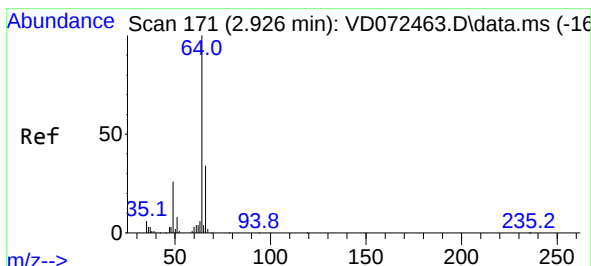
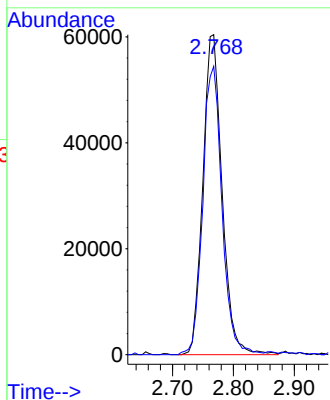
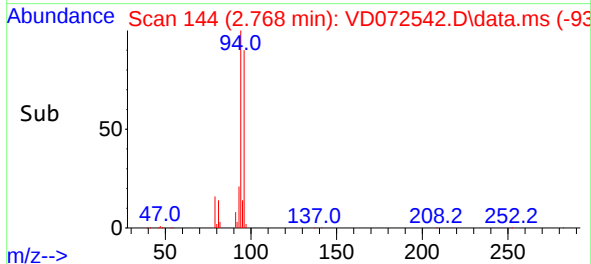
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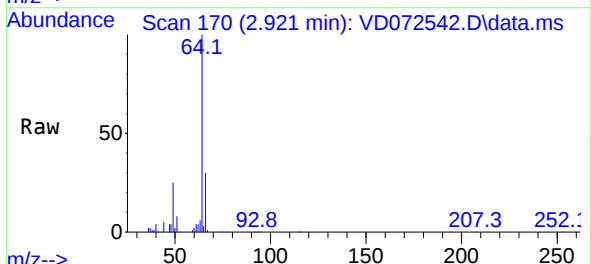
Tgt Ion: 94 Resp: 13275
Ion Ratio Lower Upper
94 100
96 90.1 77.6 116.4

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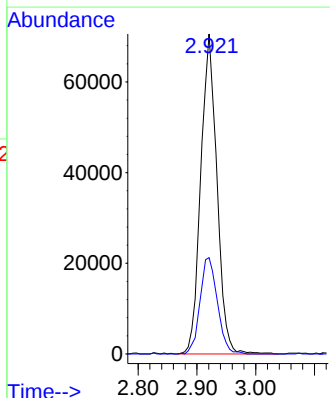
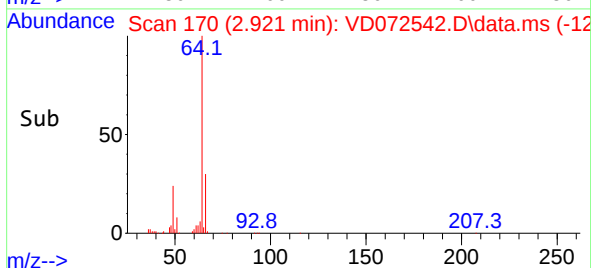
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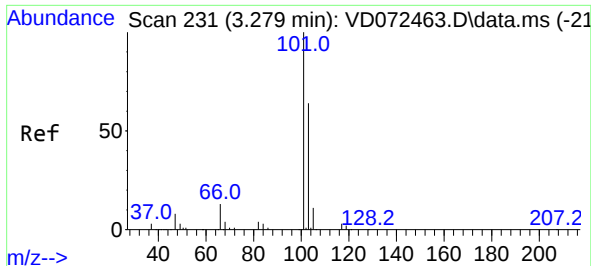


#6
Chloroethane
Concen: 58.394 ug/l
RT: 2.921 min Scan# 170
Delta R.T. -0.006 min
Lab File: VD072542.D
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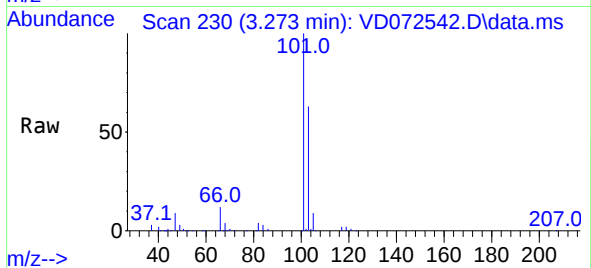
Tgt Ion: 64 Resp: 134816
Ion Ratio Lower Upper
64 100
66 30.1 25.9 38.9





#7
Trichlorofluoromethane
Concen: 56.203 ug/l
RT: 3.273 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

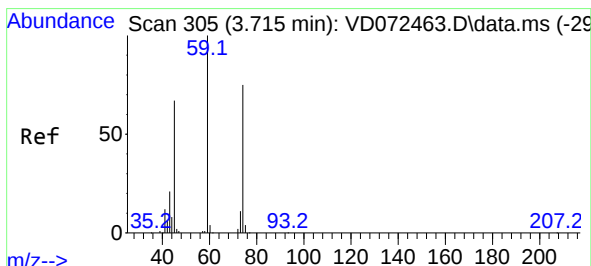
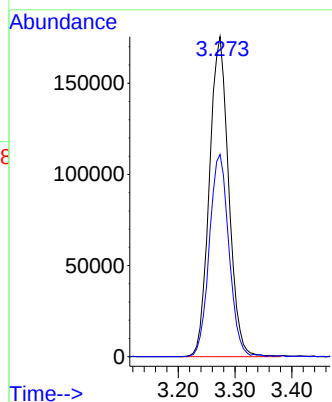
Instrument :
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Tgt Ion:101 Resp: 413420
Ion Ratio Lower Upper
101 100
103 63.2 50.1 75.1

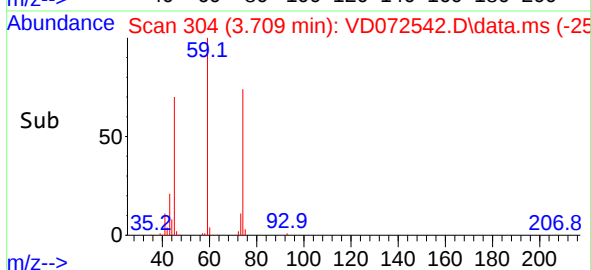
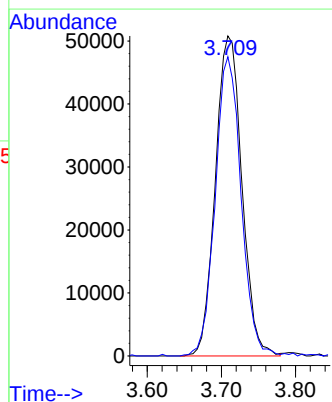
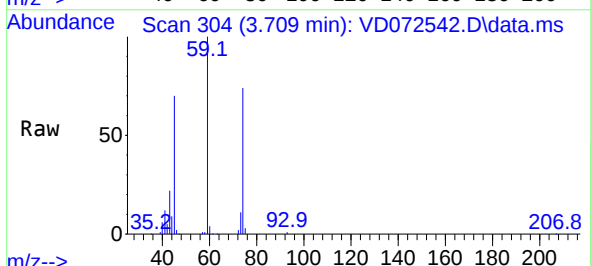
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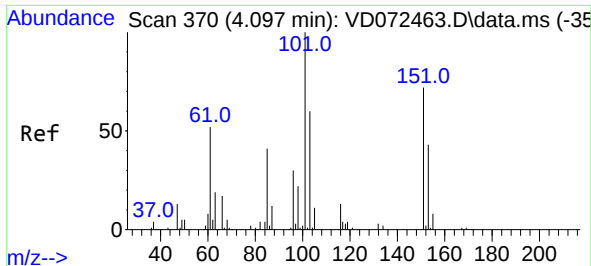
Reviewed By :John Carlone 04/06/2022
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#8
Diethyl Ether
Concen: 57.858 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD072542.D
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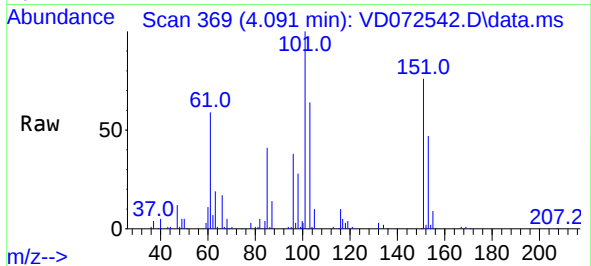
Tgt Ion: 74 Resp: 126478
Ion Ratio Lower Upper
74 100
45 91.0 52.6 157.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.567 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD072542.D
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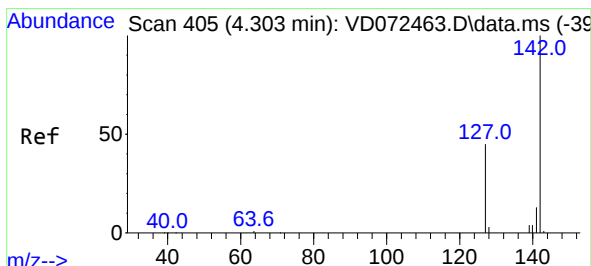
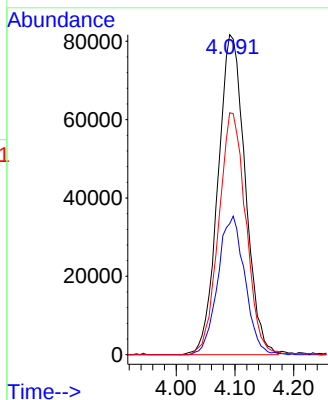
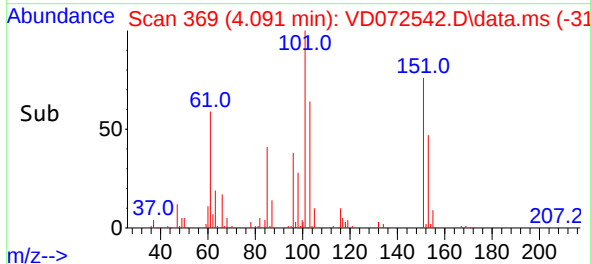
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



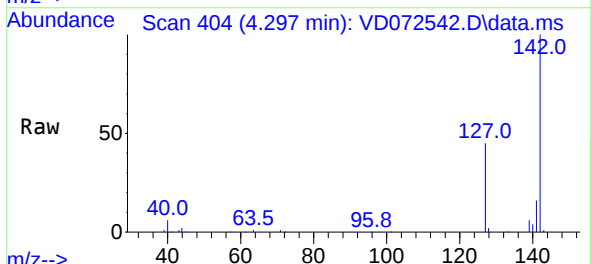
Tgt Ion:101 Resp: 262790
Ion Ratio Lower Upper
101 100
85 43.0 36.4 54.6
151 75.3 57.3 85.9

Manual Integrations
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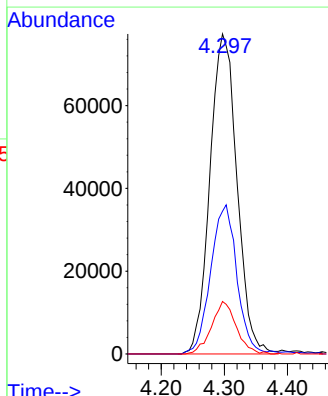
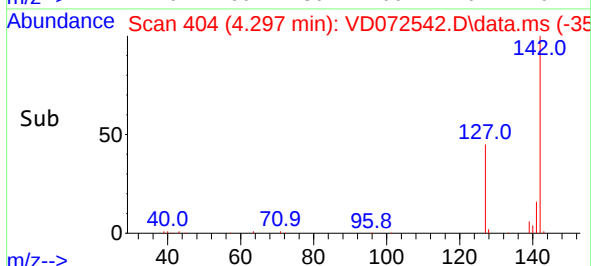
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022

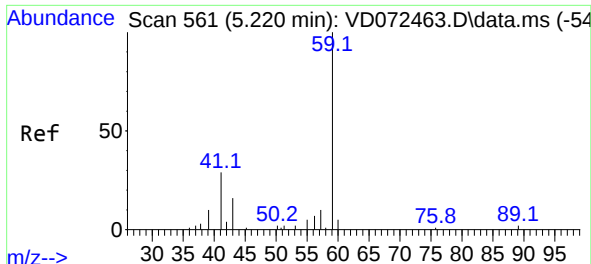


#10
Methyl Iodide
Concen: 50.254 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03



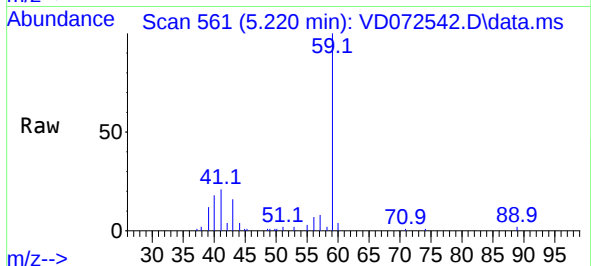
Tgt Ion:142 Resp: 229896
Ion Ratio Lower Upper
142 100
127 45.1 37.3 55.9
141 15.0 11.7 17.5





#11
Tert butyl alcohol
Concen: 298.391 ug/l
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

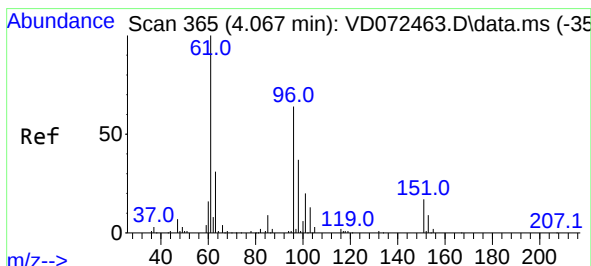
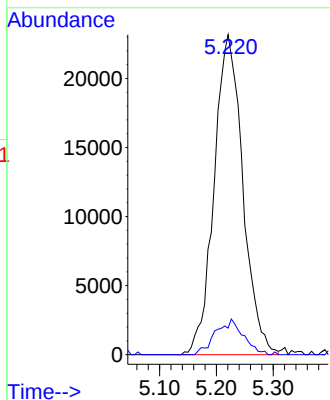
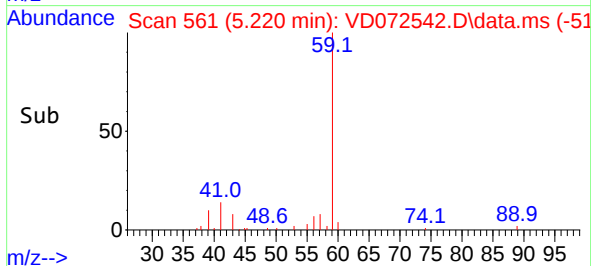
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



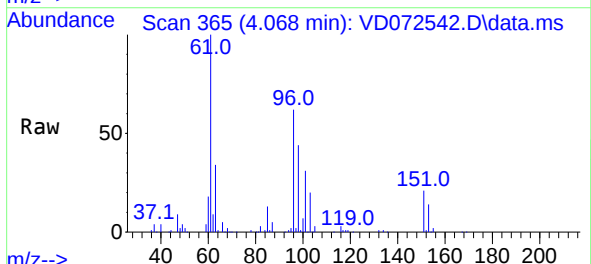
Tgt Ion: 59 Resp: 81399
Ion Ratio Lower Upper
59 100
57 10.7 7.8 11.6

Manual Integrations
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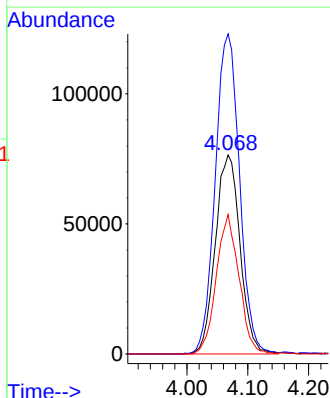
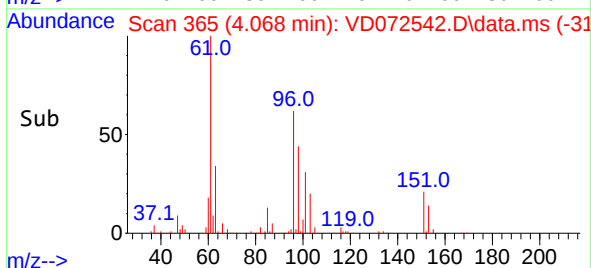
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022



#12
1,1-Dichloroethene
Concen: 56.323 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03



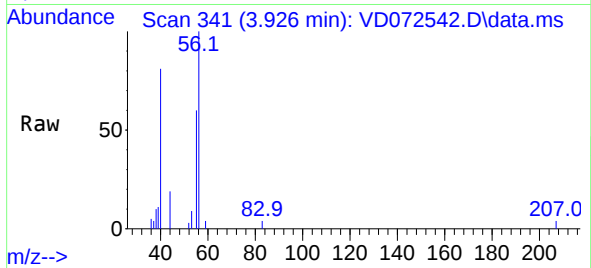
Tgt Ion: 96 Resp: 216022
Ion Ratio Lower Upper
96 100
61 160.8 138.5 207.7
98 70.1 48.6 73.0





#13
Acrolein
Concen: 123.703 ug/l
RT: 3.926 min Scan# 340
Delta R.T. 0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

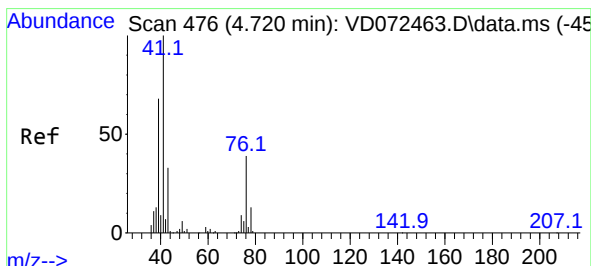
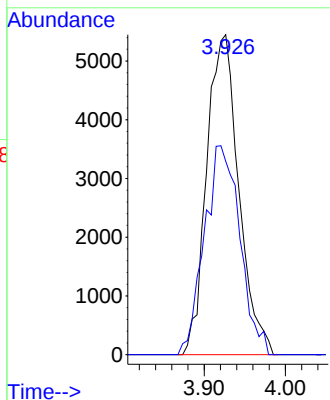
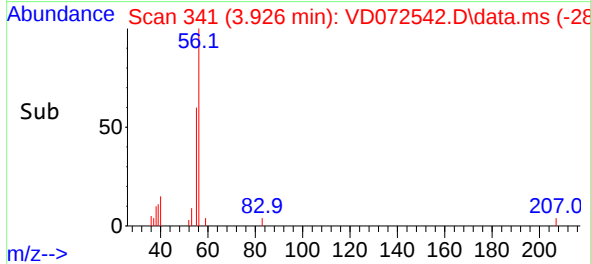
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 14975
Ion Ratio Lower Upper
56 100
55 72.2 57.1 85.7

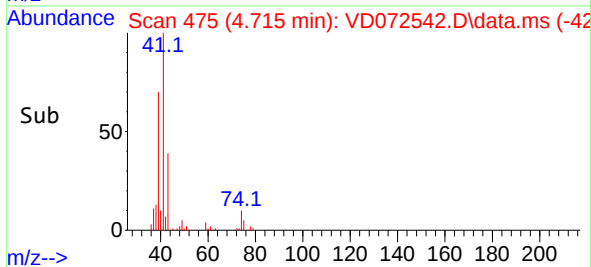
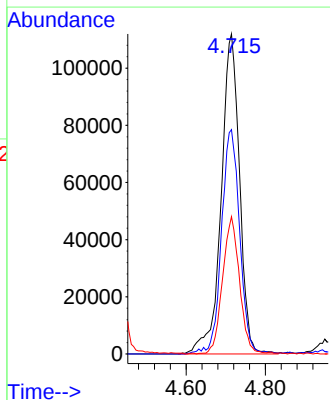
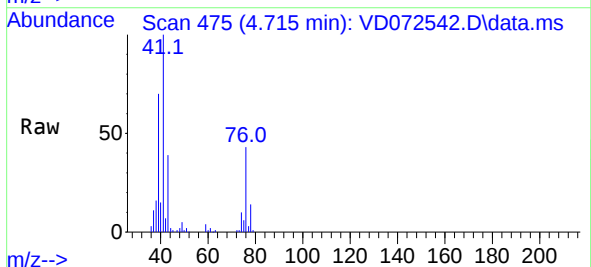
Manual Integrations
APPROVED

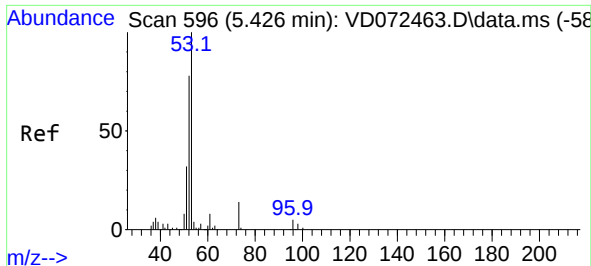
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022



#14
Allyl chloride
Concen: 53.379 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.005 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

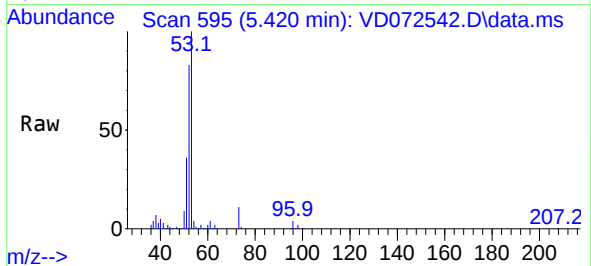
Tgt Ion: 41 Resp: 360036
Ion Ratio Lower Upper
41 100
39 69.5 59.3 88.9
76 39.5 25.7 38.5#





#15
Acrylonitrile
Concen: 291.904 ug/l
RT: 5.420 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

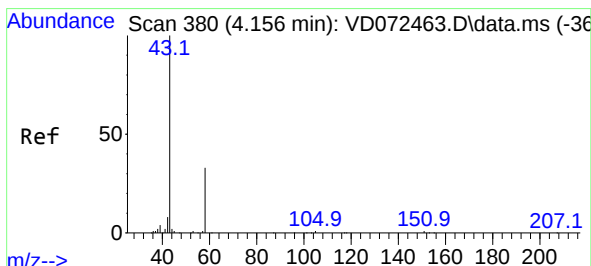
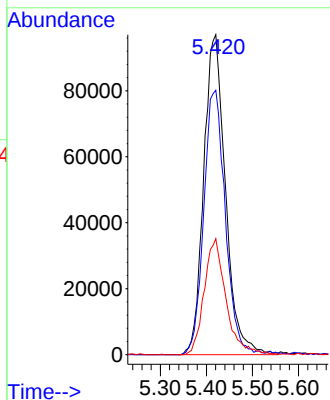
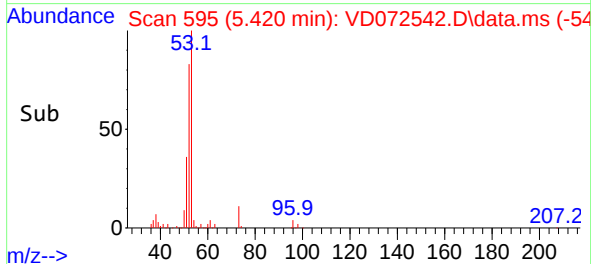
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 31911
Ion Ratio Lower Upper
53 100
52 81.8 67.2 100.8
51 36.3 30.3 45.5

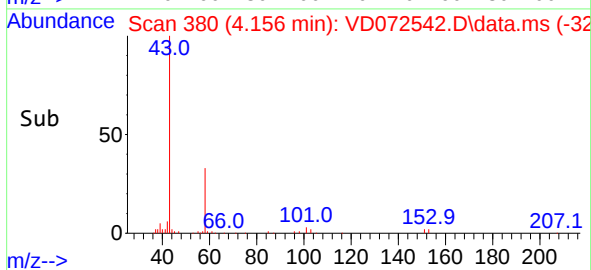
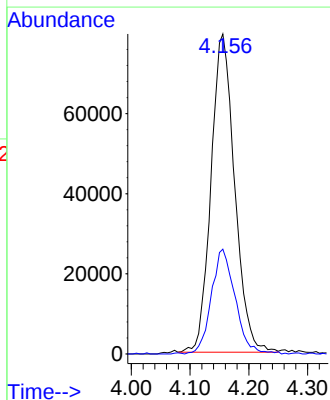
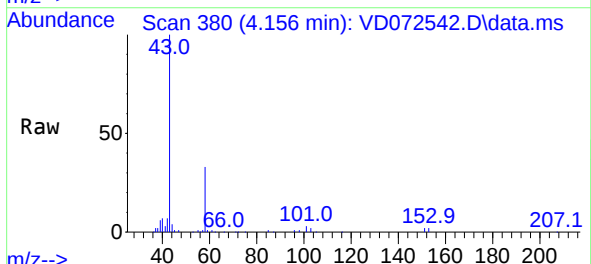
Manual Integrations
APPROVED

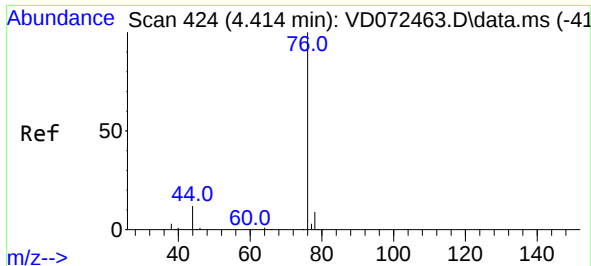
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022



#16
Acetone
Concen: 230.295 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

Tgt Ion: 43 Resp: 221825
Ion Ratio Lower Upper
43 100
58 32.6 22.1 33.1





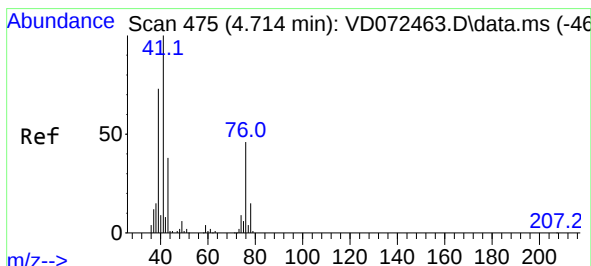
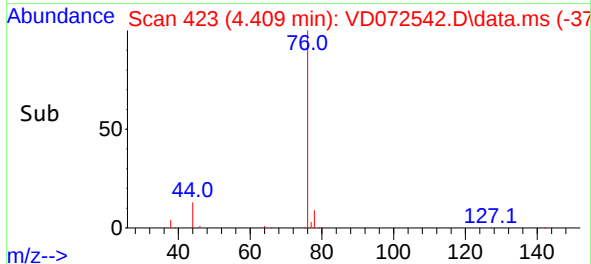
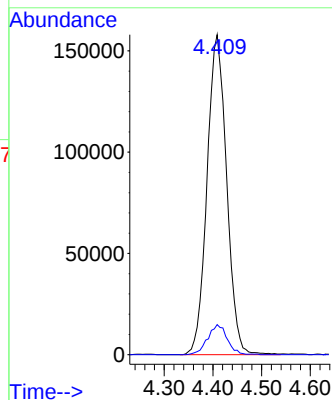
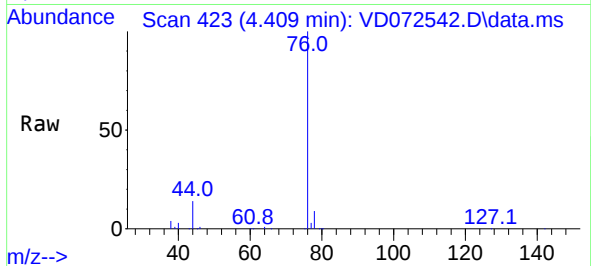
#17
Carbon Disulfide
Concen: 52.882 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 44114
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

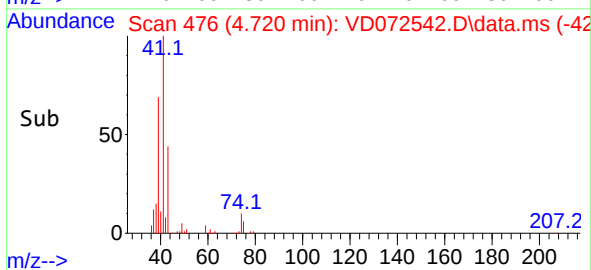
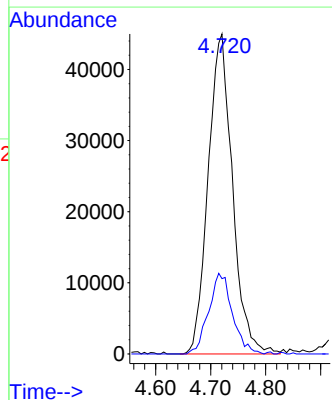
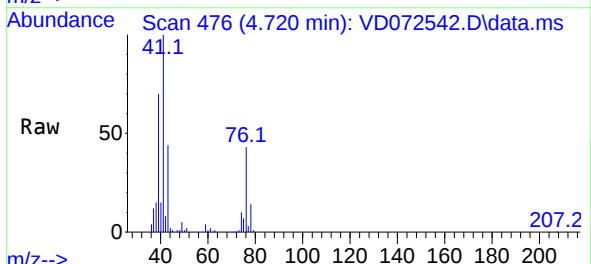
Manual Integrations
APPROVED

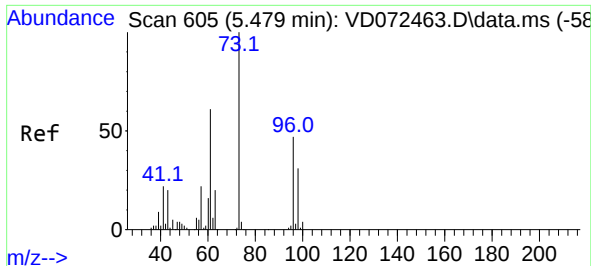
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022



#18
Methyl Acetate
Concen: 50.943 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

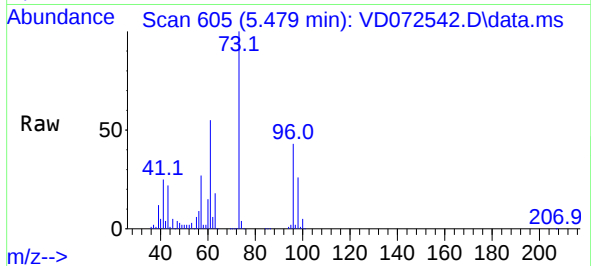
Tgt Ion: 43 Resp: 138240
Ion Ratio Lower Upper
43 100
74 24.6 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 59.123 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

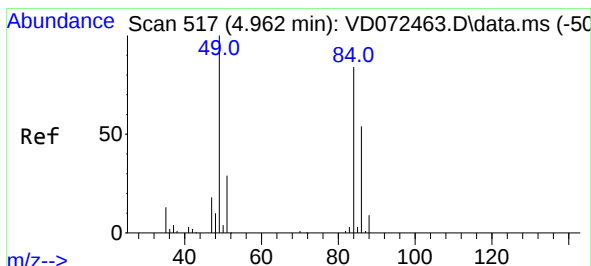
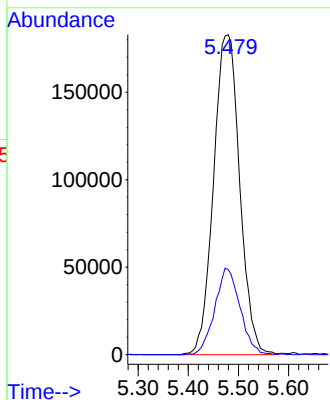
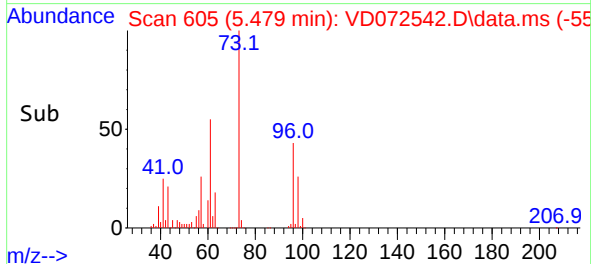
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 661870
Ion Ratio Lower Upper
73 100
57 26.6 18.0 27.0

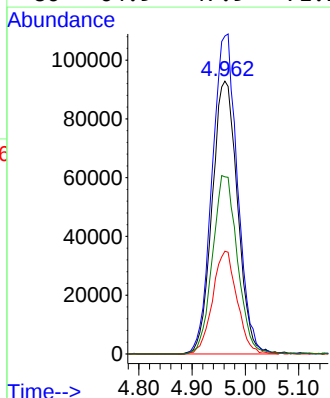
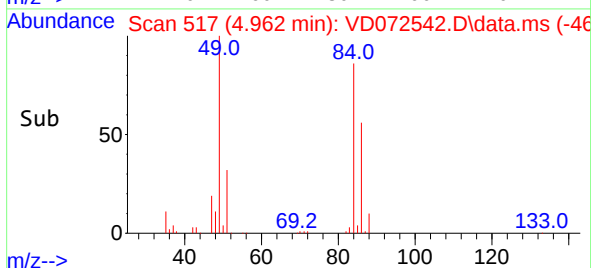
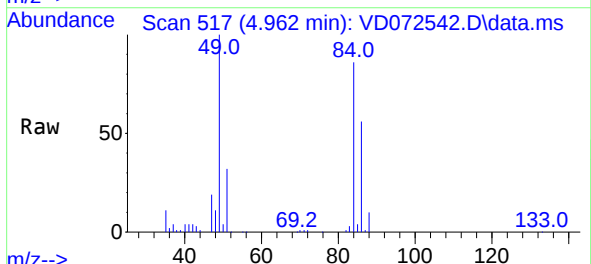
Manual Integrations
APPROVED

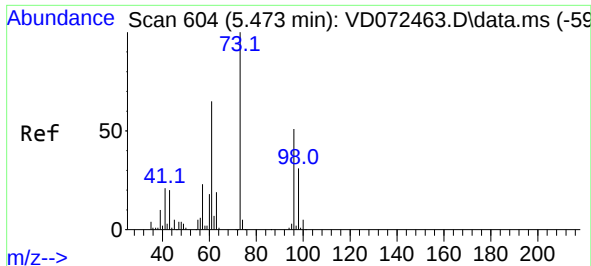
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022



#20
Methylene Chloride
Concen: 53.498 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

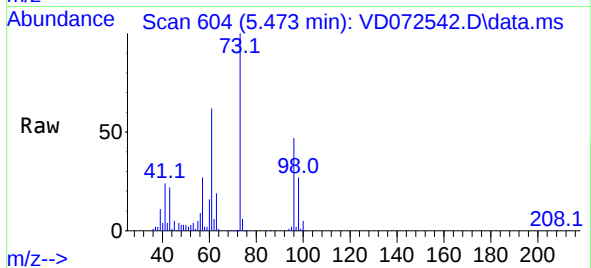
Tgt Ion: 84 Resp: 306776
Ion Ratio Lower Upper
84 100
49 116.5 112.8 169.2
51 37.6 32.6 48.8
86 64.9 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 55.048 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

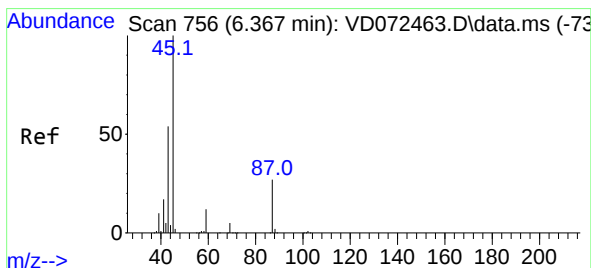
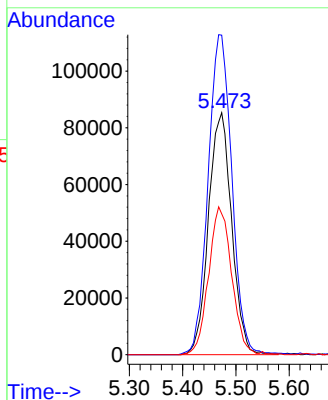
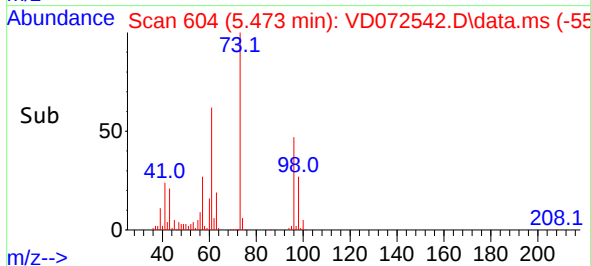
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 25806
Ion Ratio Lower Upper
96 100
61 132.1 117.9 176.9
98 58.2 49.4 74.2

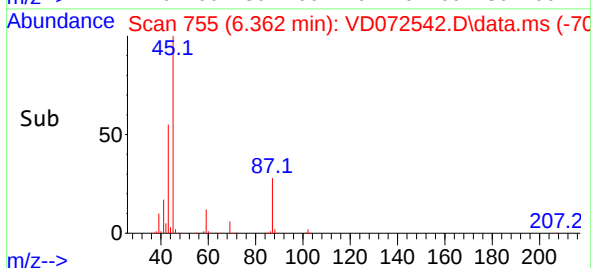
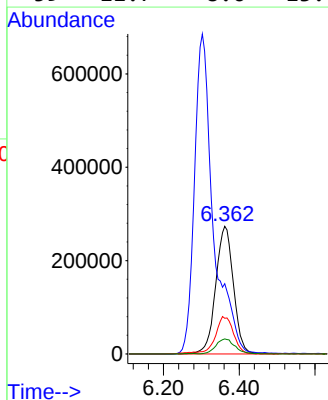
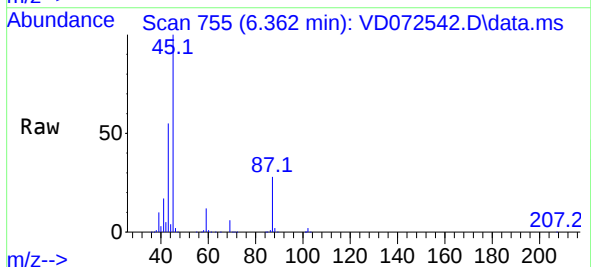
Manual Integrations
APPROVED

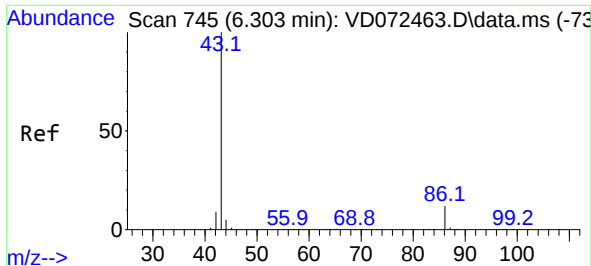
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022



#22
Diisopropyl ether
Concen: 57.938 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

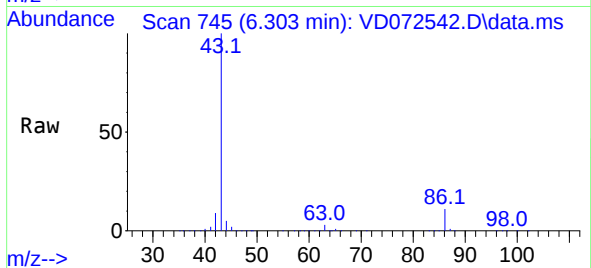
Tgt Ion: 45 Resp: 892807
Ion Ratio Lower Upper
45 100
43 54.5 46.6 70.0
87 27.8 18.4 27.6#
59 11.7 8.6 13.0





#23
 Vinyl Acetate
 Concen: 285.710 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072542.D
 Acq: 05 Apr 2022 19:03

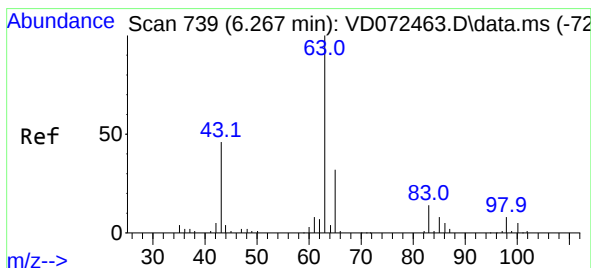
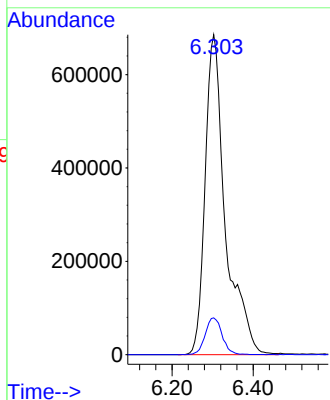
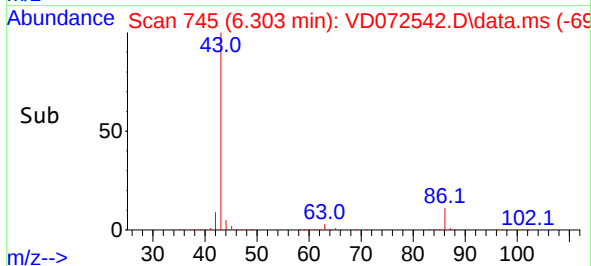
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



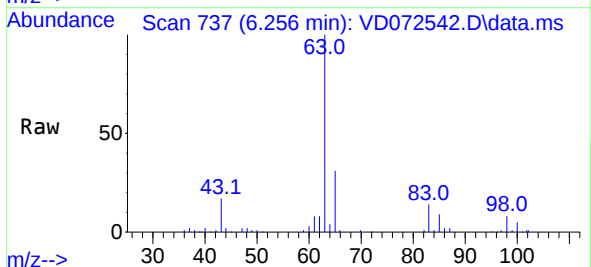
Tgt Ion: 43 Resp: 2375679
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.1 10.7

Manual Integrations
 APPROVED

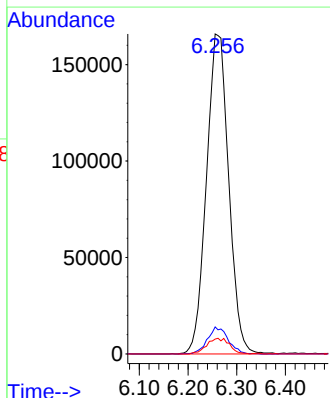
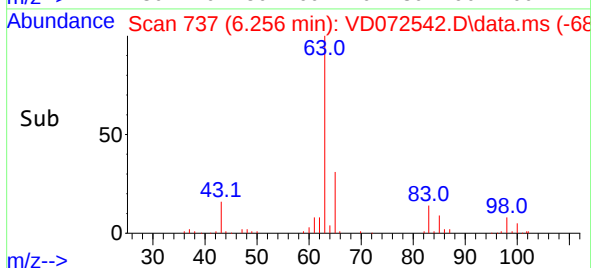
Reviewed By :John Carlone 04/06/2022
 Supervised By :Mahesh Dadoda 04/06/2022

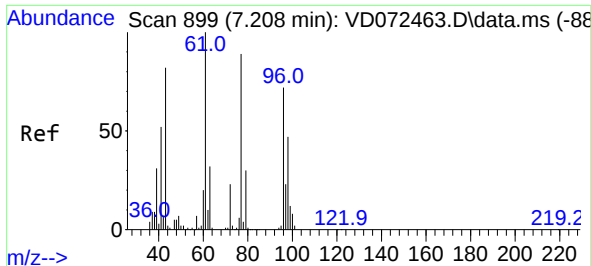


#24
 1,1-Dichloroethane
 Concen: 56.714 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.012 min
 Lab File: VD072542.D
 Acq: 05 Apr 2022 19:03



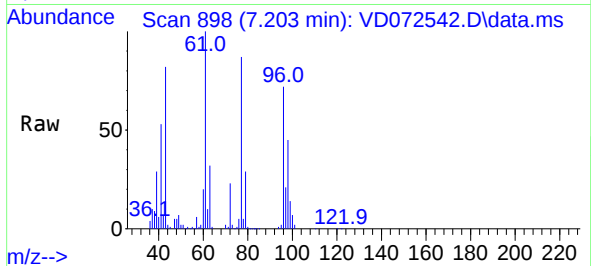
Tgt Ion: 63 Resp: 526628
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.6 10.9
 100 4.7 2.1 6.5





#25
2-Butanone
Concen: 279.777 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

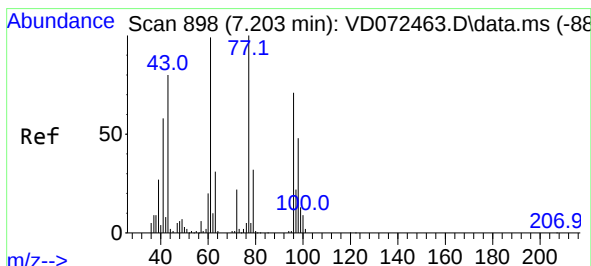
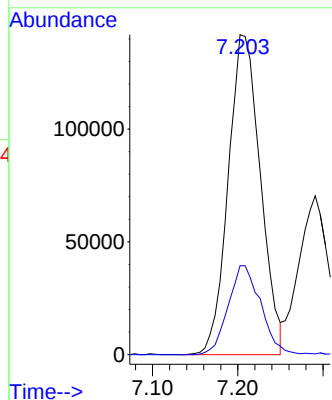
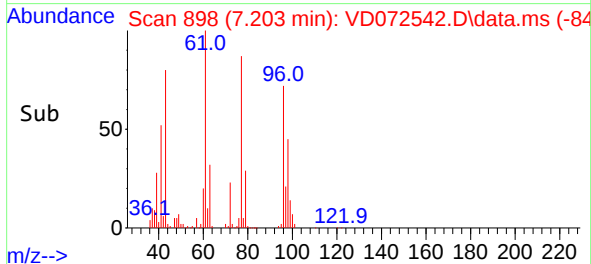
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



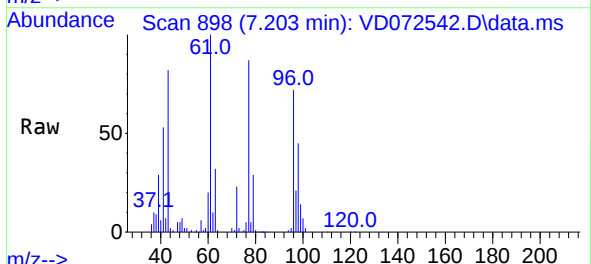
Tgt Ion: 43 Resp: 372709
Ion Ratio Lower Upper
43 100
72 27.8 18.6 27.8

Manual Integrations
APPROVED

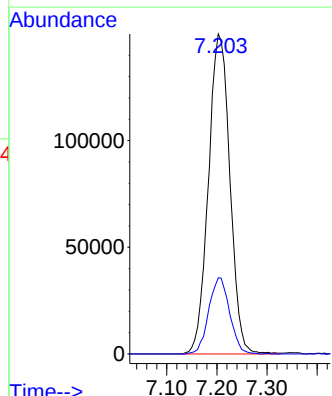
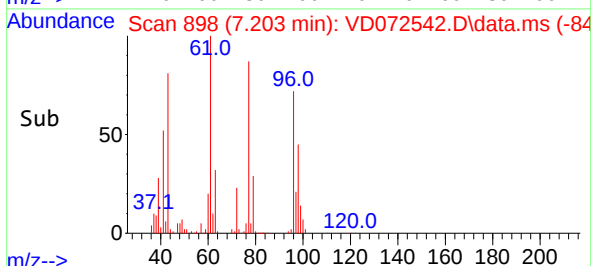
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022

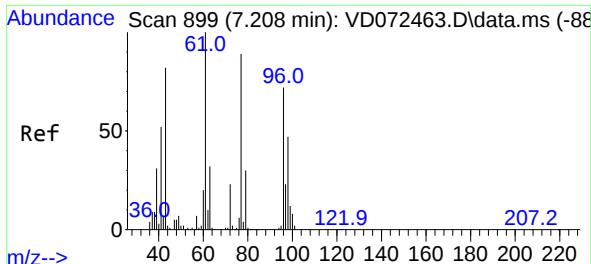


#26
2,2-Dichloropropane
Concen: 54.153 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03



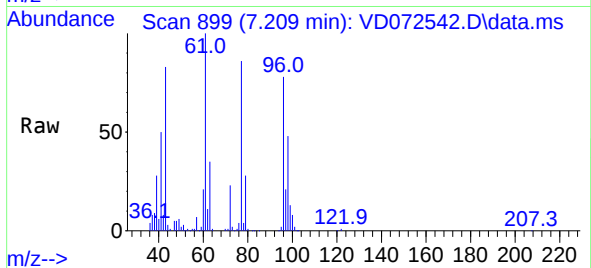
Tgt Ion: 77 Resp: 446636
Ion Ratio Lower Upper
77 100
97 23.2 10.8 32.4





#27
cis-1,2-Dichloroethene
Concen: 57.451 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

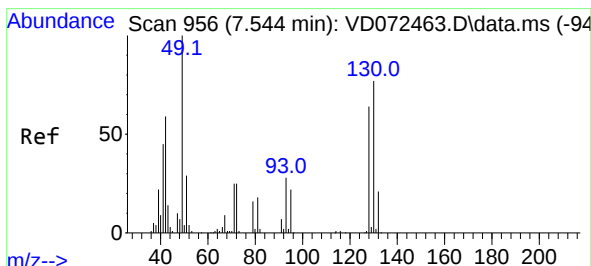
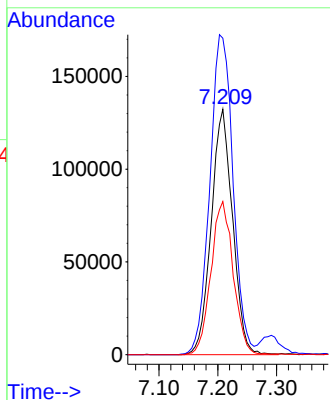
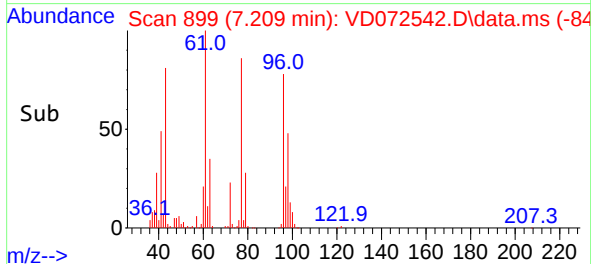
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



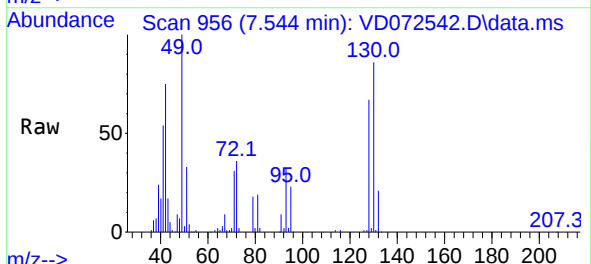
Tgt Ion: 96 Resp: 334560
Ion Ratio Lower Upper
96 100
61 141.4 0.0 313.8
98 65.0 0.0 128.8

Manual Integrations
APPROVED

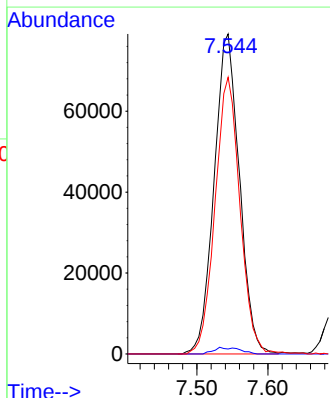
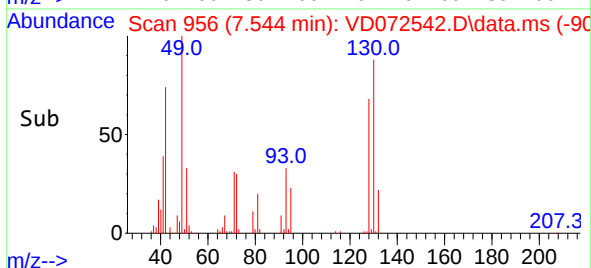
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022

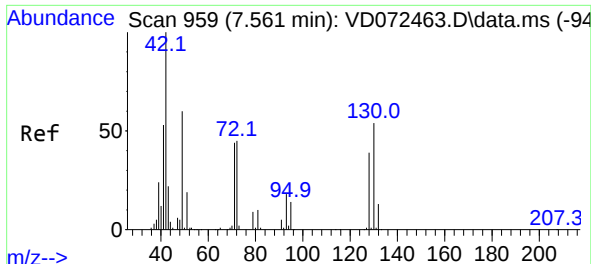


#28
Bromochloromethane
Concen: 49.022 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03



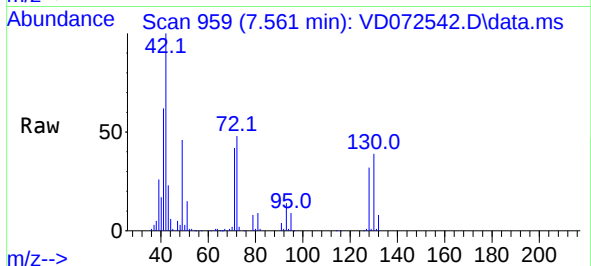
Tgt Ion: 49 Resp: 195044
Ion Ratio Lower Upper
49 100
129 1.1 0.0 4.0
130 85.3 52.6 79.0#





#29
Tetrahydrofuran
Concen: 295.941 ug/l
RT: 7.561 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

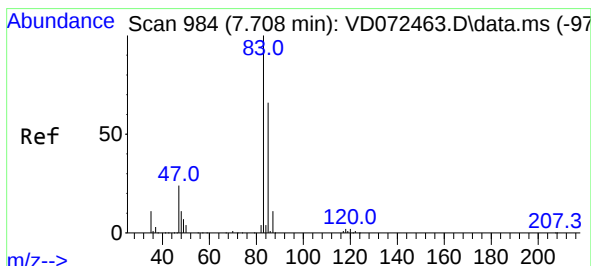
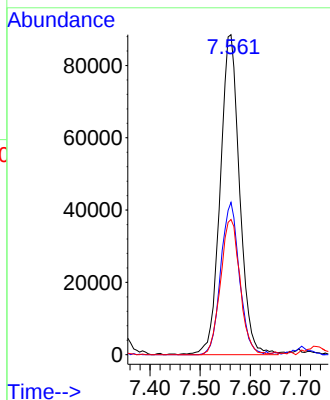
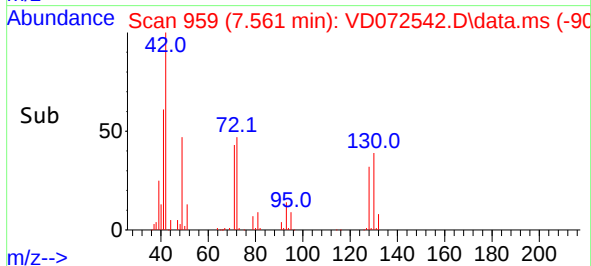
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



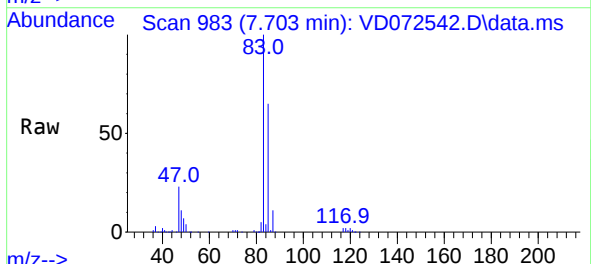
Tgt Ion: 42 Resp: 23802
Ion Ratio Lower Upper
42 100
72 45.5 30.7 46.1
71 42.3 28.6 43.0

Manual Integrations
APPROVED

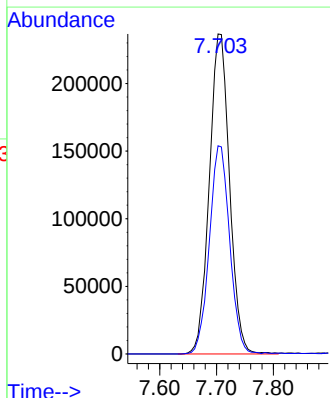
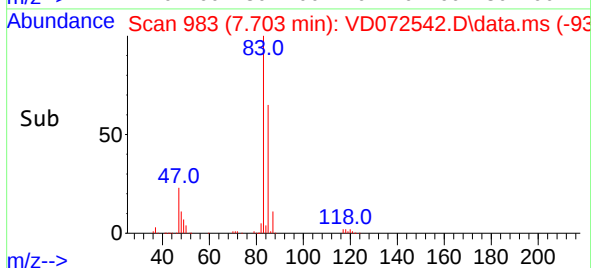
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022

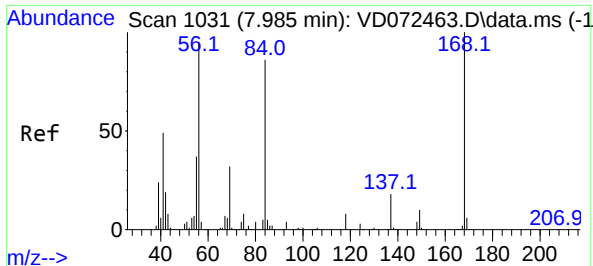


#30
Chloroform
Concen: 55.942 ug/l
RT: 7.703 min Scan# 983
Delta R.T. -0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03



Tgt Ion: 83 Resp: 584339
Ion Ratio Lower Upper
83 100
85 65.0 52.7 79.1





#31

Cyclohexane

Concen: 56.811 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VD072542.D

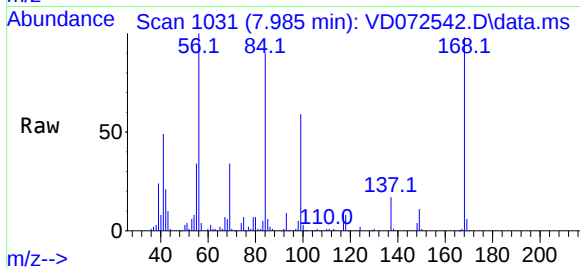
Acq: 05 Apr 2022 19:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 56 Resp: 383730

Ion Ratio Lower Upper

56 100

69 34.0 25.4 38.2

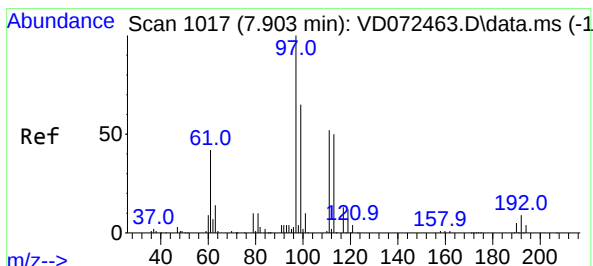
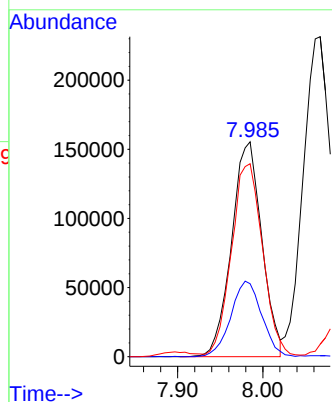
84 87.9 63.0 94.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2022

Supervised By :Mahesh Dadoda 04/06/2022



#32

1,1,1-Trichloroethane

Concen: 56.811 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD072542.D

Acq: 05 Apr 2022 19:03

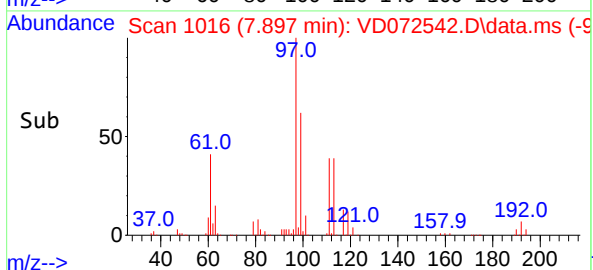
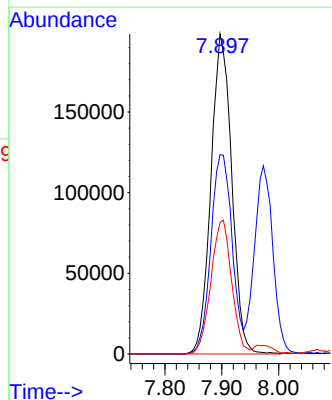
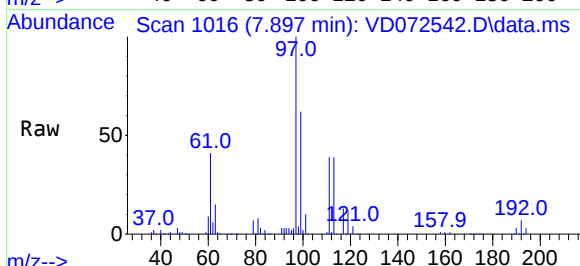
Tgt Ion: 97 Resp: 503311

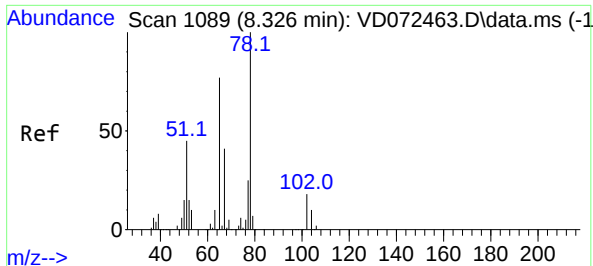
Ion Ratio Lower Upper

97 100

99 64.0 52.4 78.6

61 41.8 38.0 57.0





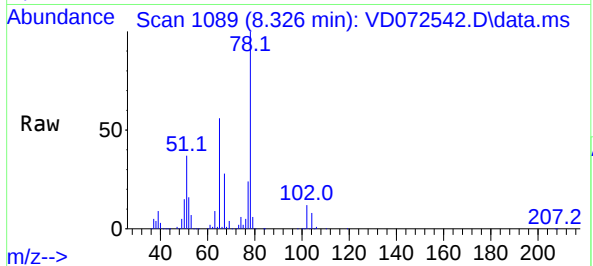
#33
1,2-Dichloroethane-d4
Concen: 47.175 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



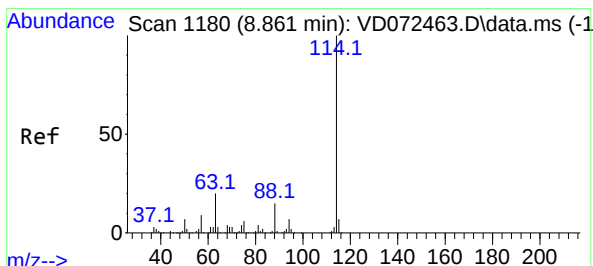
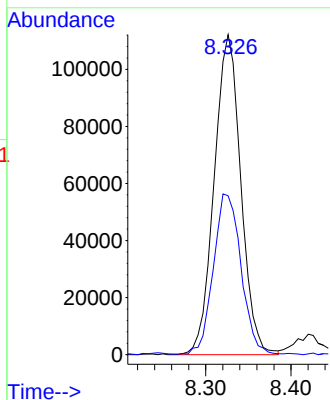
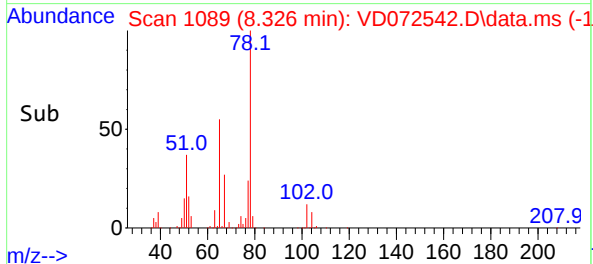
Tgt Ion: 65 Resp: 243689
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.4

Manual Integrations

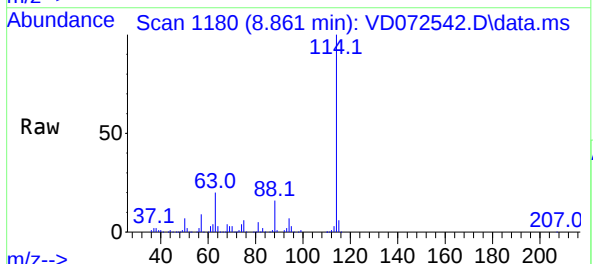
APPROVED

Reviewed By :John Carlone 04/06/2022

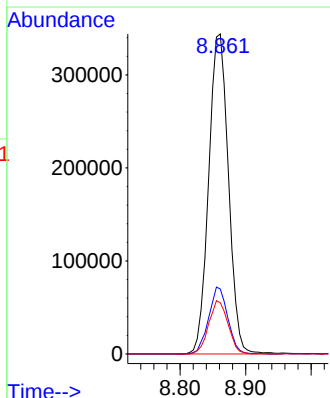
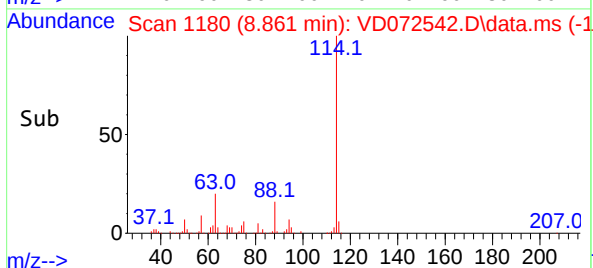
Supervised By :Mahesh Dadoda 04/06/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03



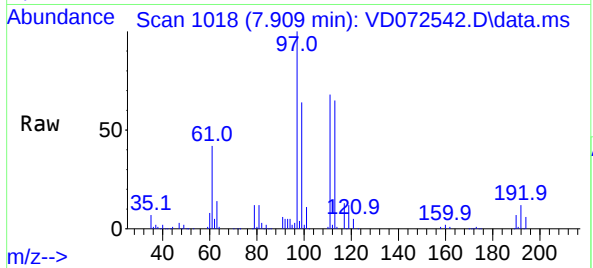
Tgt Ion:114 Resp: 719011
Ion Ratio Lower Upper
114 100
63 20.3 0.0 46.6
88 16.0 0.0 33.2





#35
Dibromofluoromethane
Concen: 46.188 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

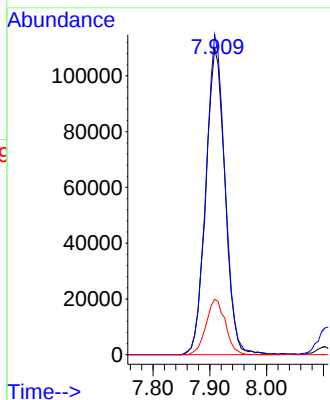
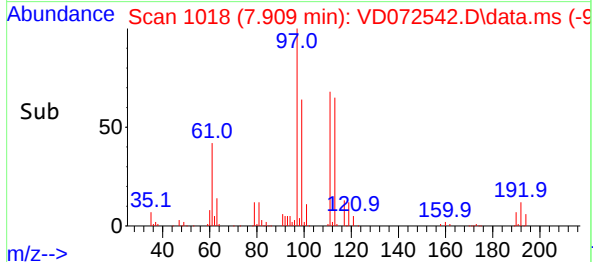
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



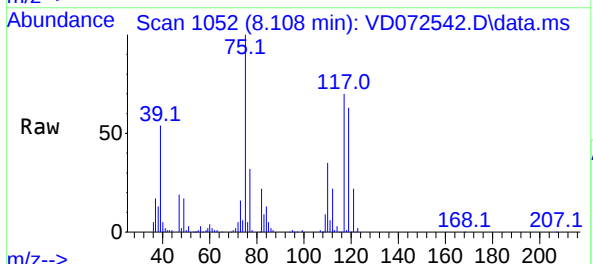
Tgt Ion: 113 Resp: 25808
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 18.1 14.6 21.8

Manual Integrations
APPROVED

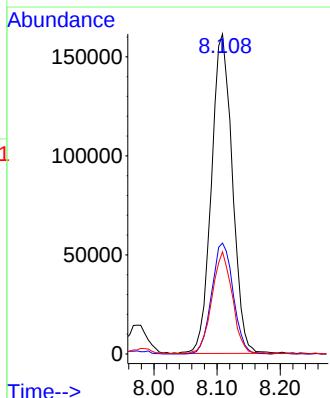
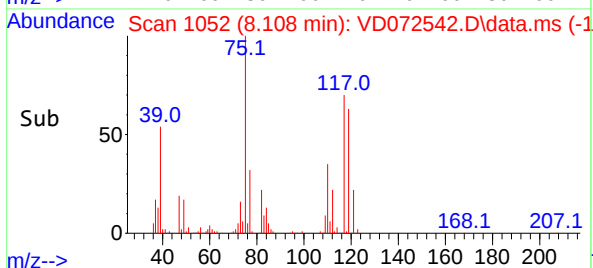
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022

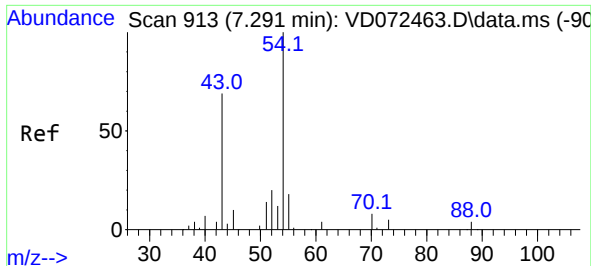


#36
1,1-Dichloropropene
Concen: 51.849 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03



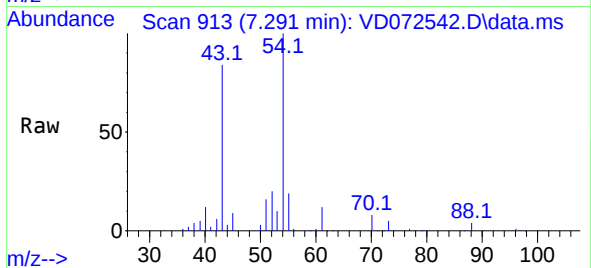
Tgt Ion: 75 Resp: 370540
Ion Ratio Lower Upper
75 100
110 35.7 16.4 49.1
77 31.5 24.2 36.2





#37
Ethyl Acetate
Concen: 59.992 ug/l
RT: 7.291 min Scan# 913
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

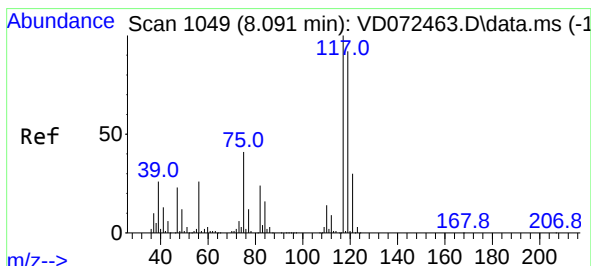
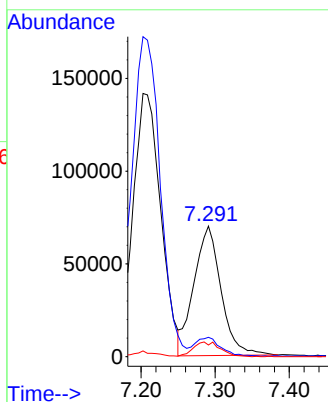
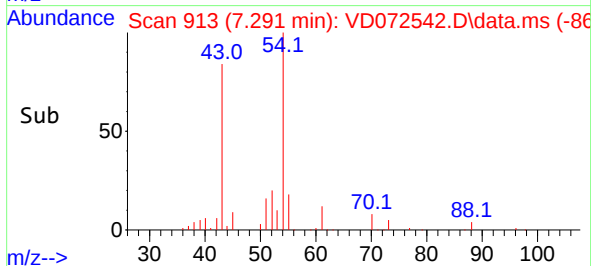
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



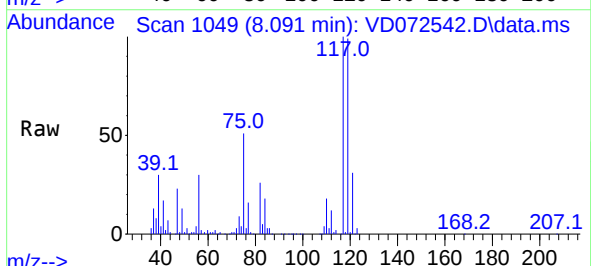
Tgt Ion: 43 Resp: 17762
Ion Ratio Lower Upper
43 100
61 14.0 9.8 14.8
70 11.3 6.9 10.3

Manual Integrations
APPROVED

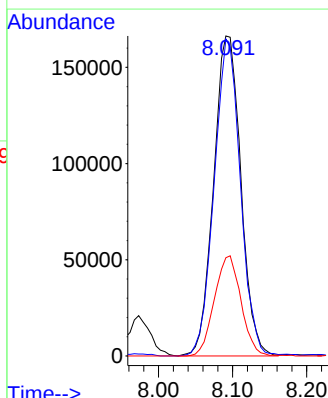
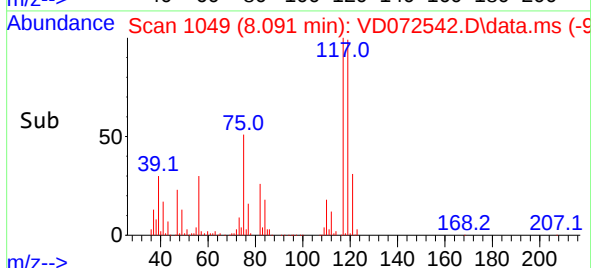
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022

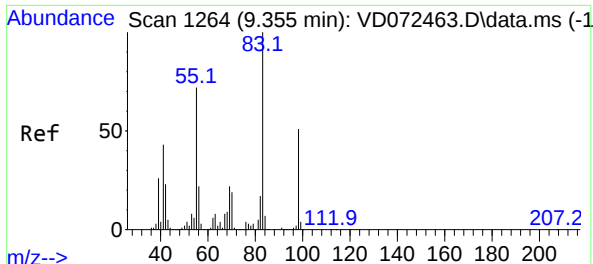


#38
Carbon Tetrachloride
Concen: 55.002 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03



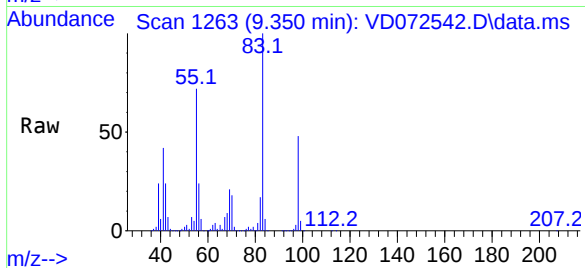
Tgt Ion:117 Resp: 423407
Ion Ratio Lower Upper
117 100
119 99.1 75.8 113.6
121 30.7 24.5 36.7





#39
Methylcyclohexane
Concen: 64.411 ug/l
RT: 9.350 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

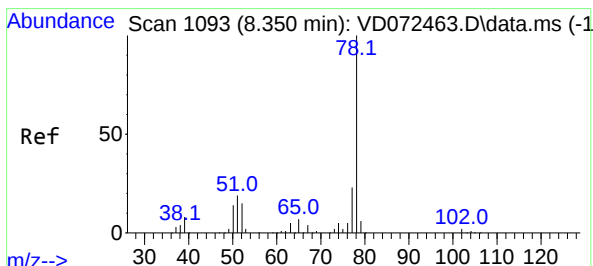
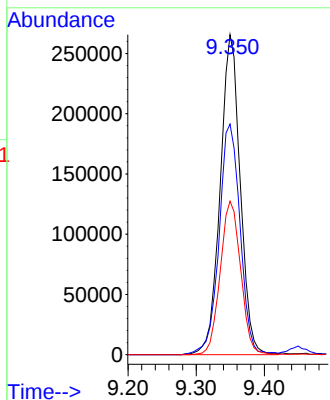
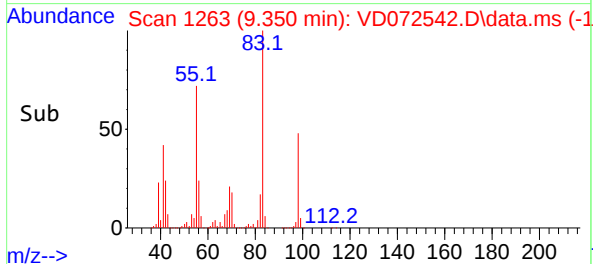
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 542962
Ion Ratio Lower Upper
83 100
55 72.0 63.2 94.8
98 48.0 38.2 57.4

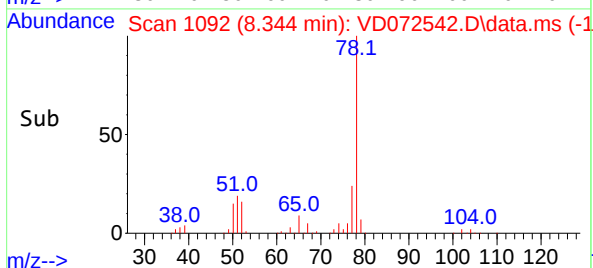
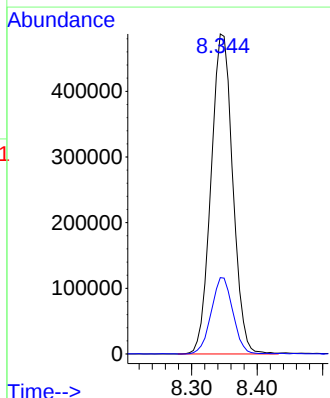
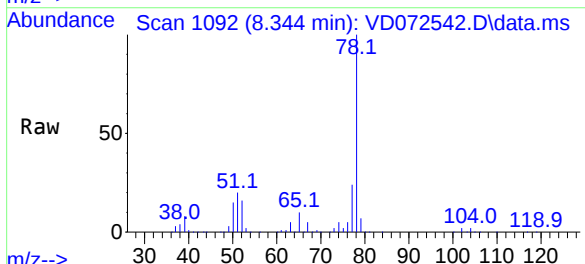
Manual Integrations
APPROVED

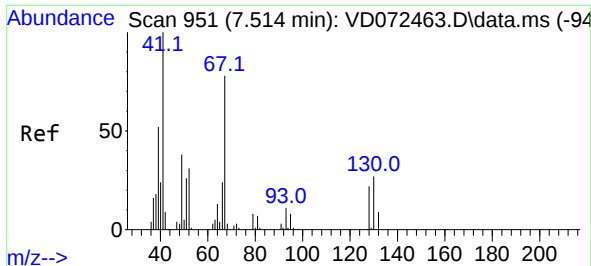
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022



#40
Benzene
Concen: 57.374 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

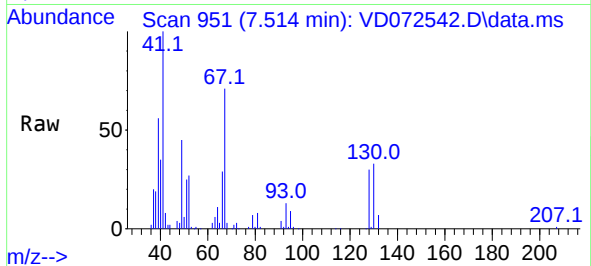
Tgt Ion: 78 Resp: 1119635
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7





#41
Methacrylonitrile
Concen: 60.108 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

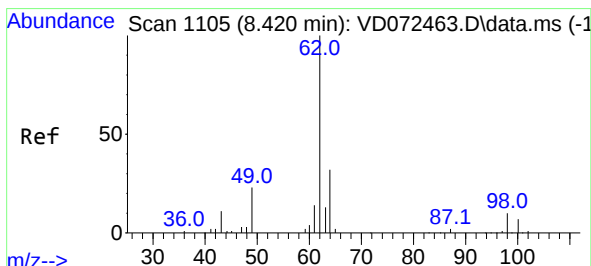
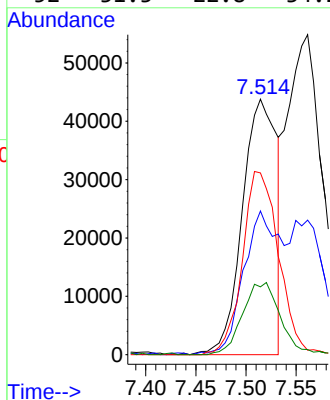
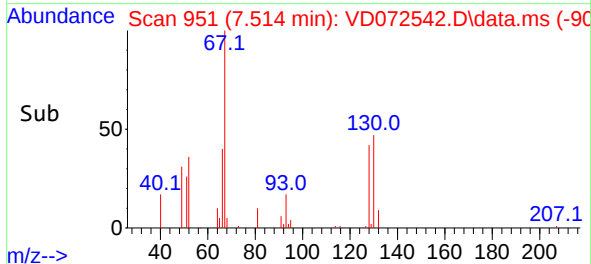
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 104600
Ion Ratio Lower Upper
41 100
39 59.9 44.6 67.0
67 75.6 48.2 72.4
52 31.3 22.8 34.2

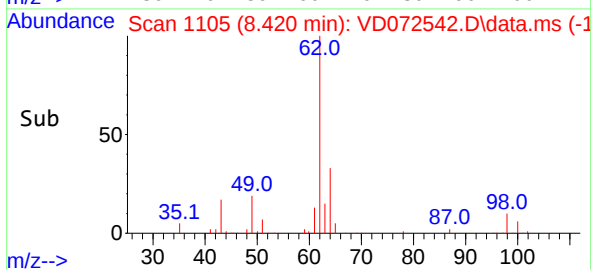
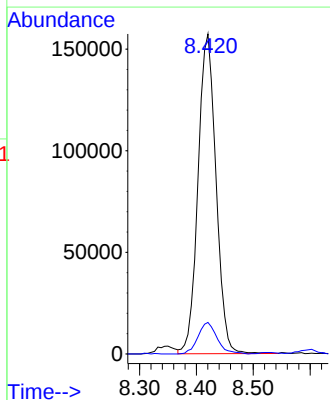
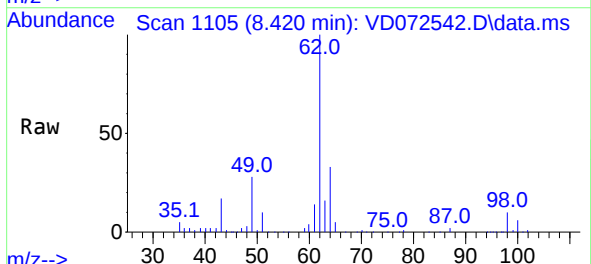
Manual Integrations
APPROVED

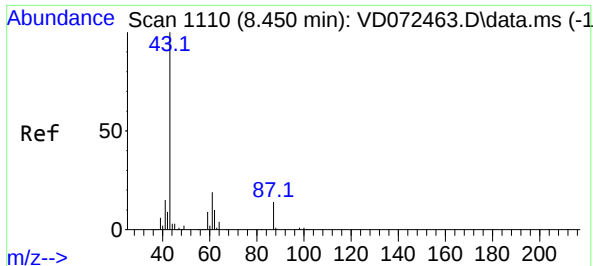
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022



#42
1,2-Dichloroethane
Concen: 57.950 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

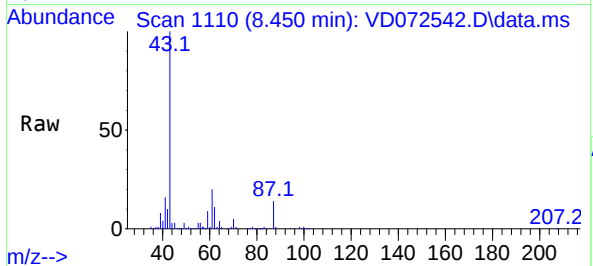
Tgt Ion: 62 Resp: 345653
Ion Ratio Lower Upper
62 100
98 10.5 0.0 17.6





#43
Isopropyl Acetate
Concen: 61.628 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

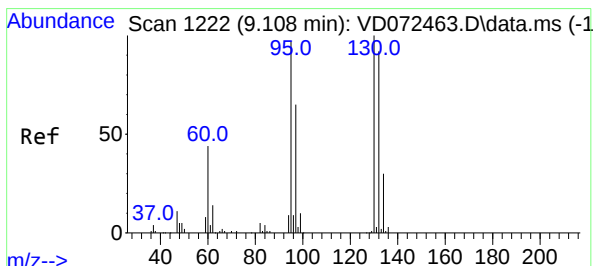
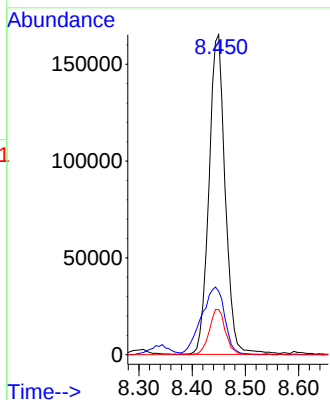
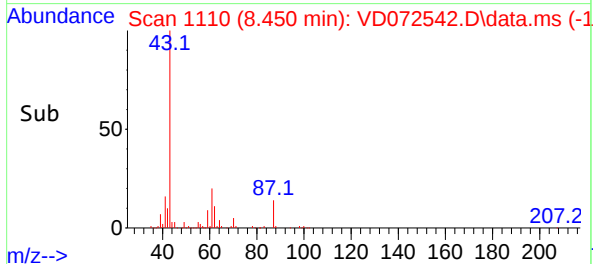
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 35000
Ion Ratio Lower Upper
43 100
61 30.4 22.4 33.6
87 14.1 8.7 13.1

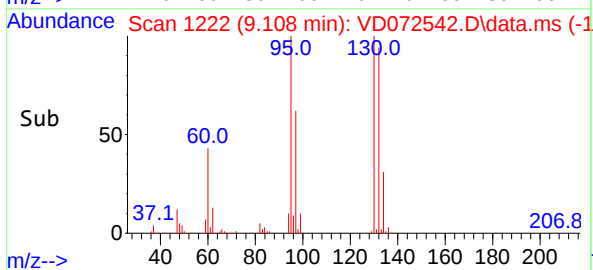
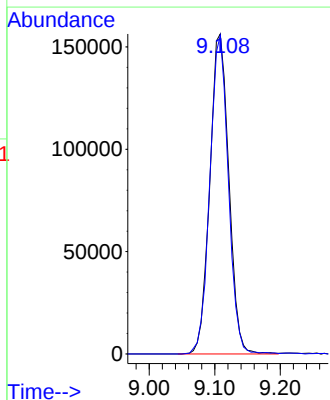
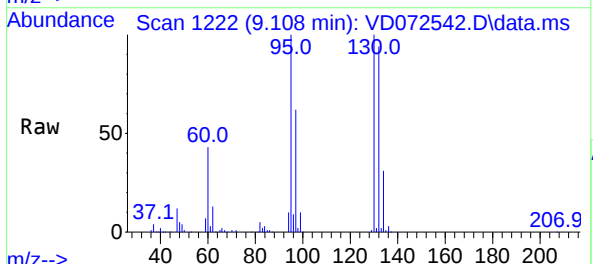
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022



#44
Trichloroethene
Concen: 56.848 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

Tgt Ion:130 Resp: 314950
Ion Ratio Lower Upper
130 100
95 99.5 0.0 205.4





#45

1,2-Dichloropropane

Concen: 56.599 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.006 min

Lab File: VD072542.D

Acq: 05 Apr 2022 19:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 30724

Ion Ratio Lower Upper

63 100

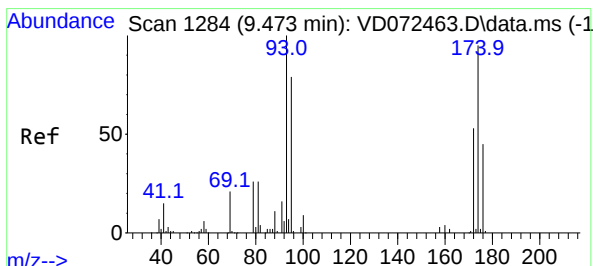
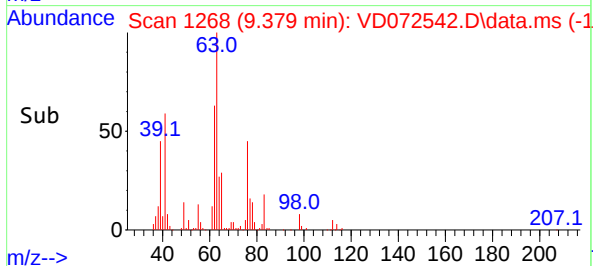
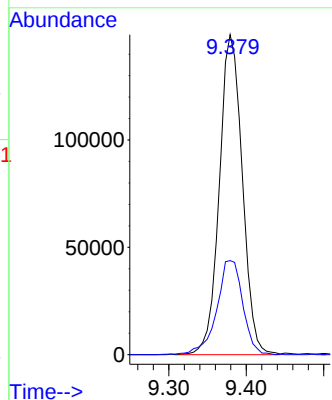
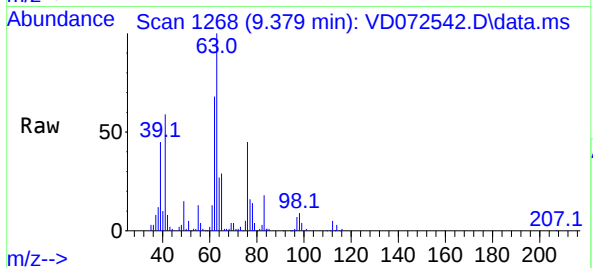
65 29.3 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2022

Supervised By :Mahesh Dadoda 04/06/2022



#46

Dibromomethane

Concen: 57.861 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VD072542.D

Acq: 05 Apr 2022 19:03

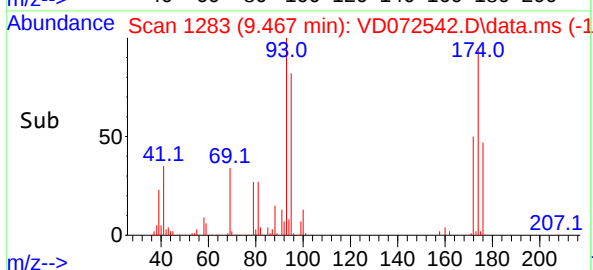
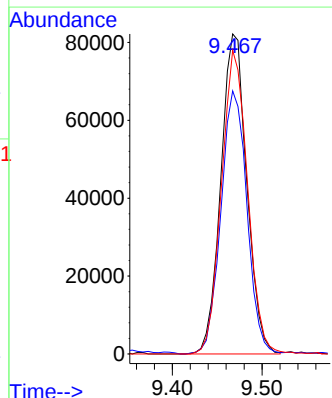
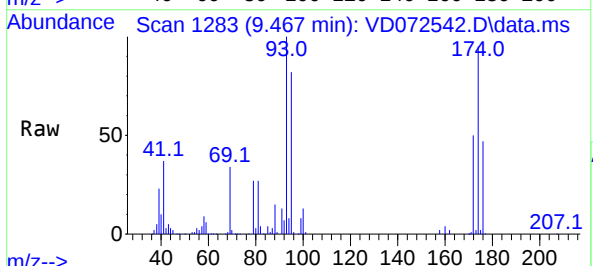
Tgt Ion: 93 Resp: 164790

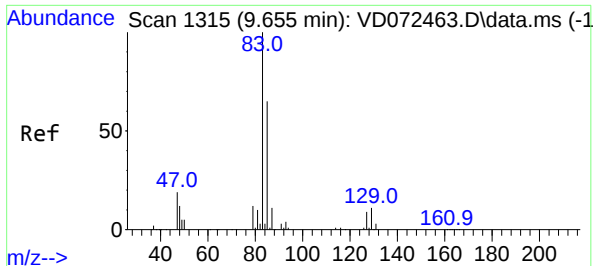
Ion Ratio Lower Upper

93 100

95 82.6 66.7 100.1

174 95.8 71.6 107.4





#47

Bromodichloromethane

Concen: 55.678 ug/l

RT: 9.655 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VD072542.D

Acq: 05 Apr 2022 19:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 45556

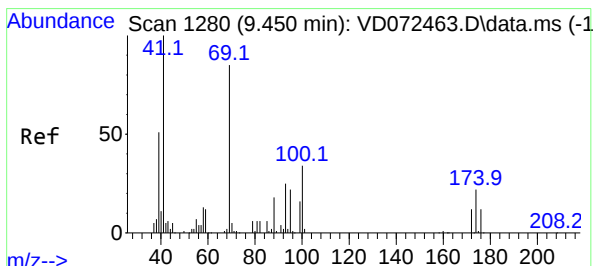
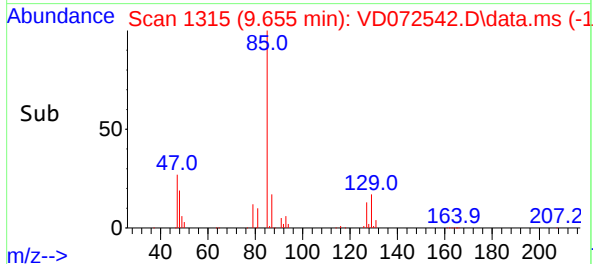
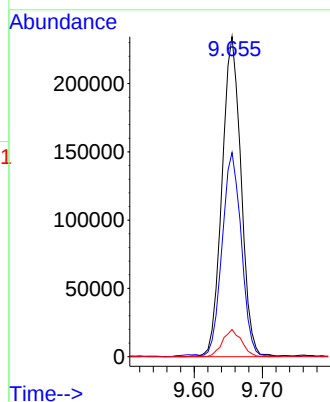
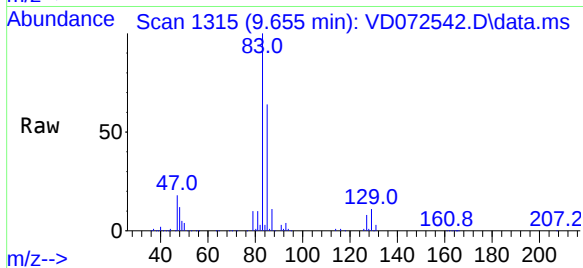
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.4	77.0
127	8.5	6.1	9.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2022

Supervised By :Mahesh Dadoda 04/06/2022



#48

Methyl methacrylate

Concen: 62.311 ug/l

RT: 9.450 min Scan# 1280

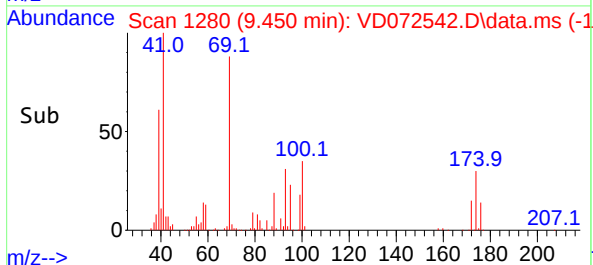
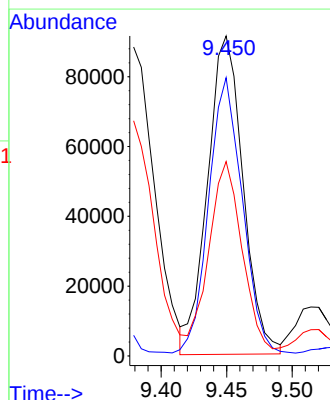
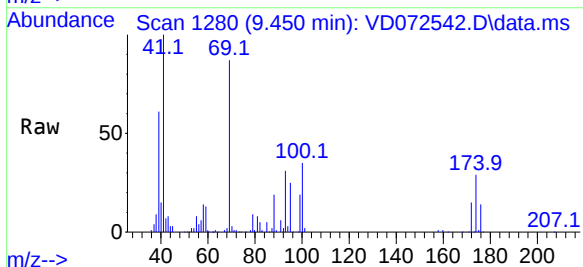
Delta R.T. 0.000 min

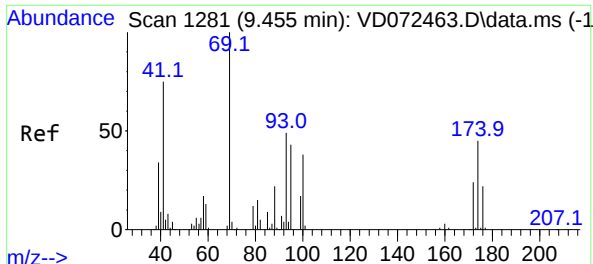
Lab File: VD072542.D

Acq: 05 Apr 2022 19:03

Tgt Ion: 41 Resp: 171810

Ion	Ratio	Lower	Upper
41	100		
69	84.4	56.7	85.1
39	57.8	42.7	64.1





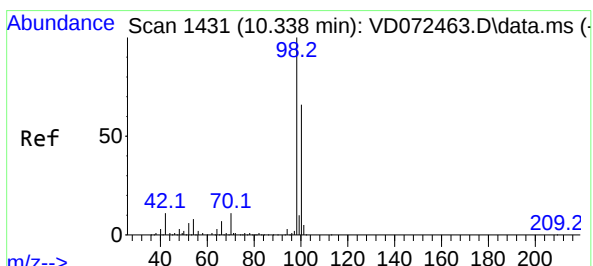
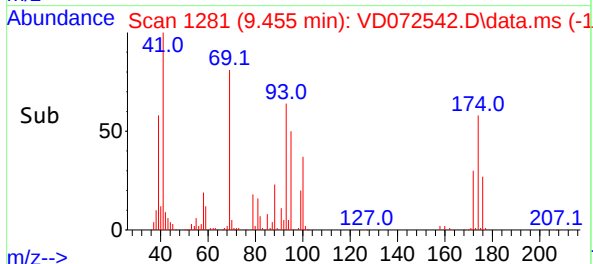
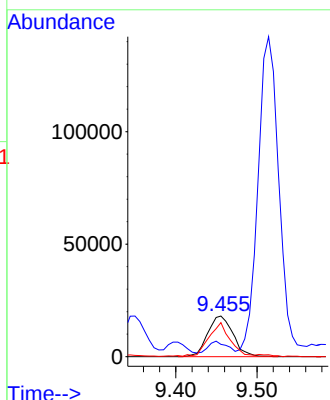
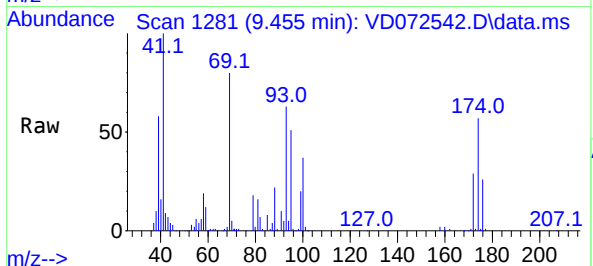
#49
1,4-Dioxane
Concen: 1156.646 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 39180
Ion Ratio Lower Upper
88 100
43 20.3 31.0 46.4
58 69.6 58.1 87.1

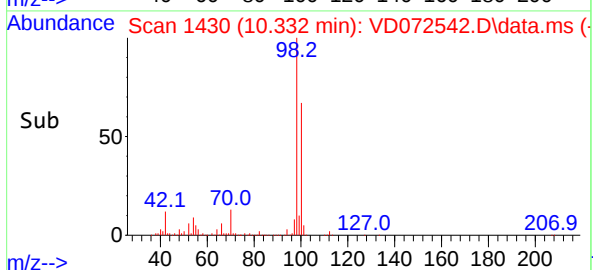
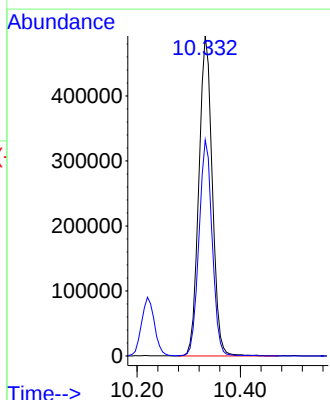
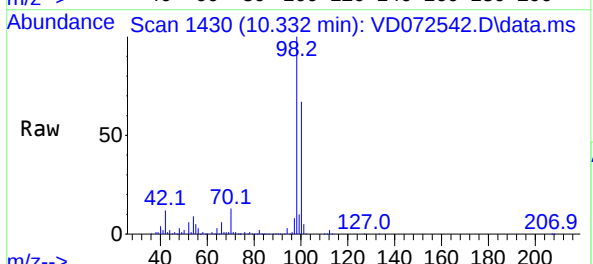
Manual Integrations
APPROVED

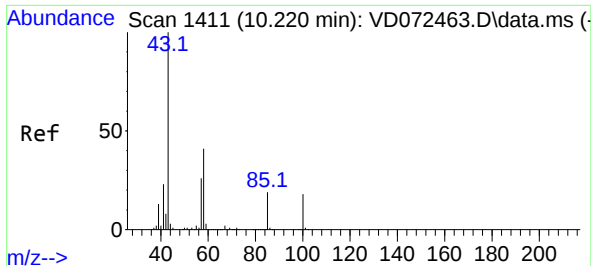
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022



#50
Toluene-d8
Concen: 45.628 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

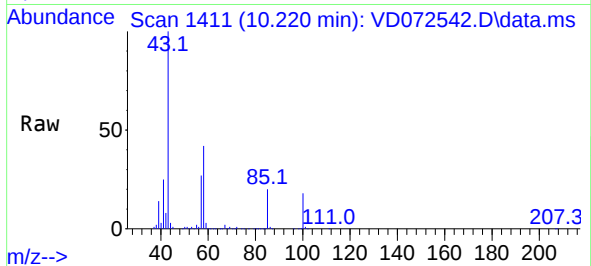
Tgt Ion: 98 Resp: 886252
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 295.216 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

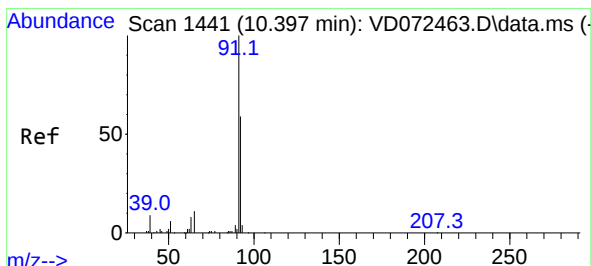
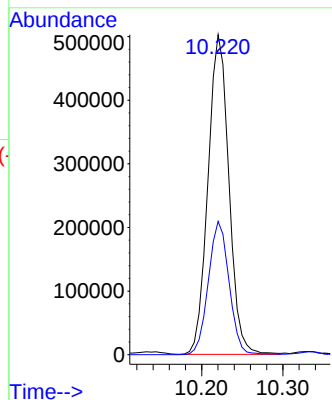
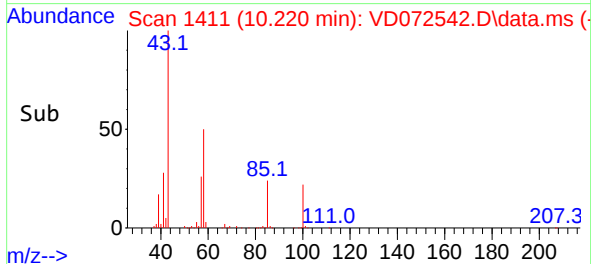
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 899638
Ion Ratio Lower Upper
43 100
58 41.4 28.6 43.0

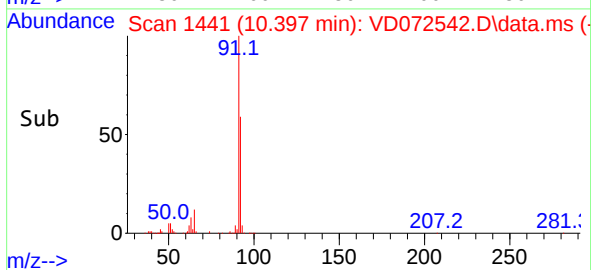
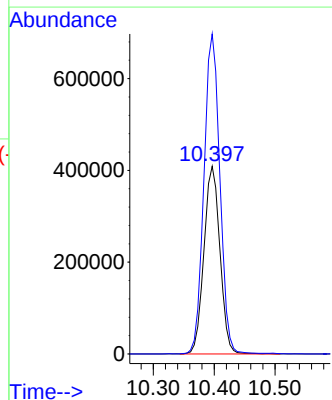
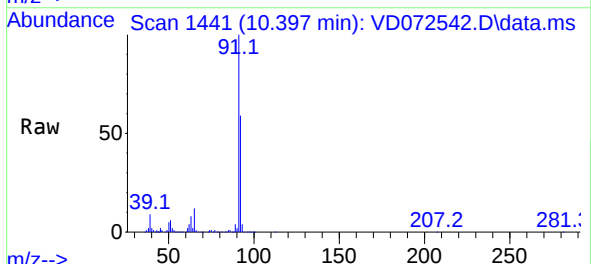
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022



#52
Toluene
Concen: 57.546 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

Tgt Ion: 92 Resp: 746029
Ion Ratio Lower Upper
92 100
91 169.6 139.6 209.4





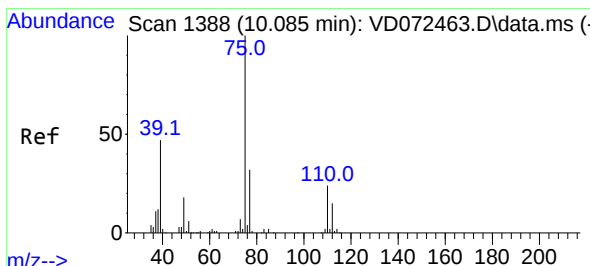
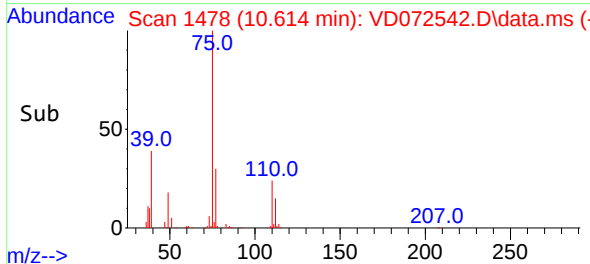
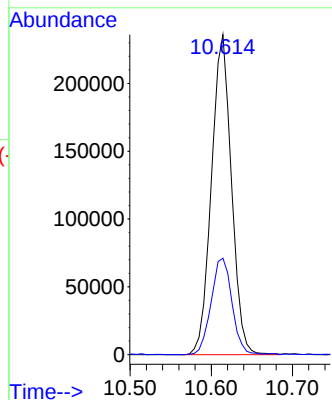
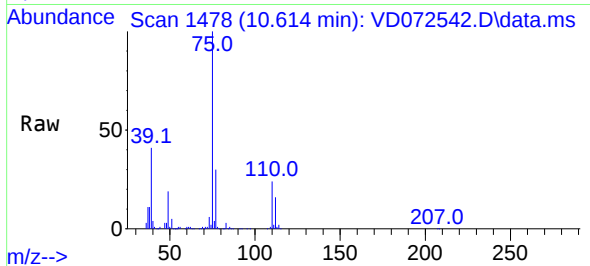
#53
t-1,3-Dichloropropene
Concen: 56.644 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 403875
Ion Ratio Lower Upper
75 100
77 30.1 24.5 36.7

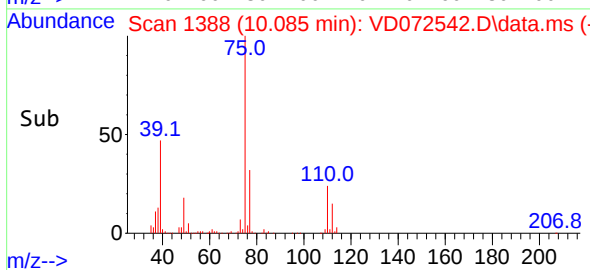
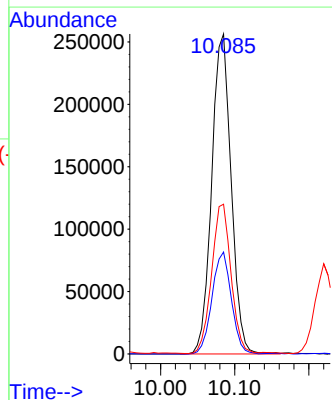
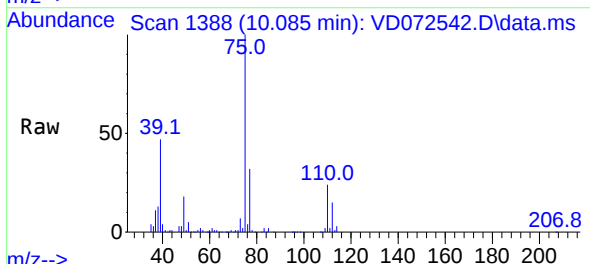
Manual Integrations
APPROVED

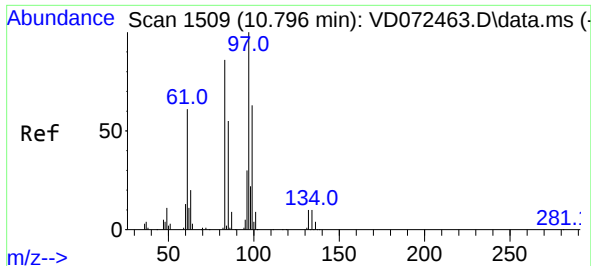
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022



#54
cis-1,3-Dichloropropene
Concen: 55.365 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

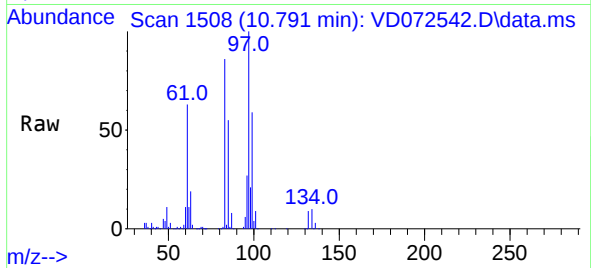
Tgt Ion: 75 Resp: 466723
Ion Ratio Lower Upper
75 100
77 31.9 24.8 37.2
39 46.6 46.8 70.2#





#55
1,1,2-Trichloroethane
Concen: 59.243 ug/l
RT: 10.791 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

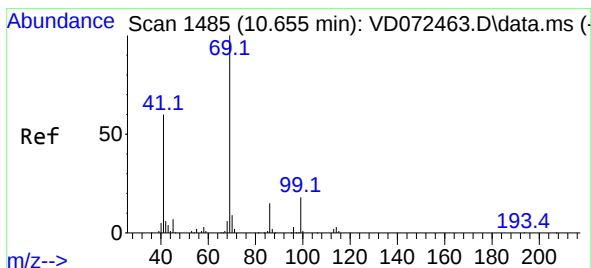
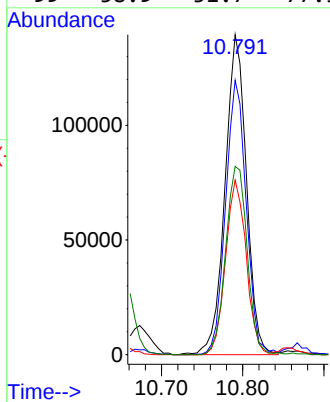
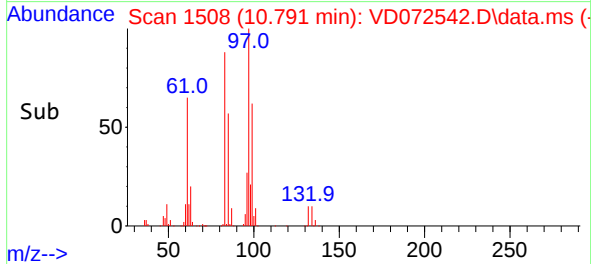
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



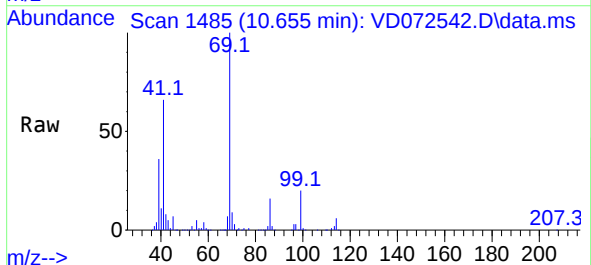
Tgt Ion: 97 Resp: 255790
Ion Ratio Lower Upper
97 100
83 85.7 69.0 103.4
85 54.5 42.6 63.8
99 58.9 51.7 77.5

Manual Integrations
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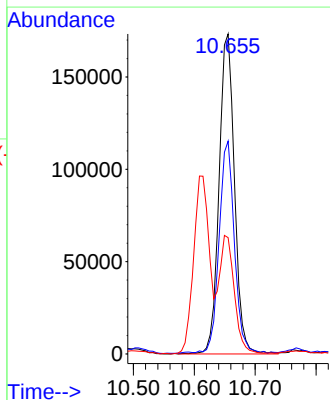
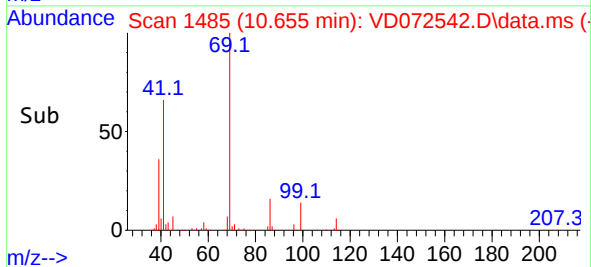
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022

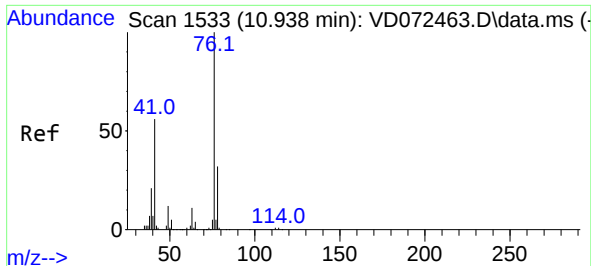


#56
Ethyl methacrylate
Concen: 57.275 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03



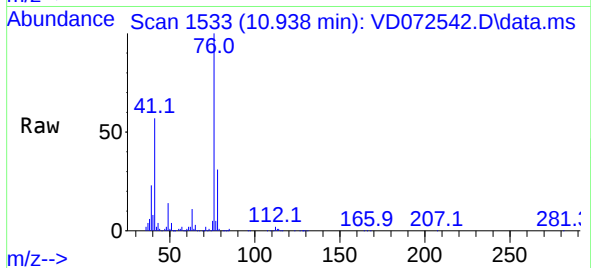
Tgt Ion: 69 Resp: 305017
Ion Ratio Lower Upper
69 100
41 65.6 63.0 94.6
39 36.2 33.8 50.8





#57
1,3-Dichloropropane
Concen: 55.633 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

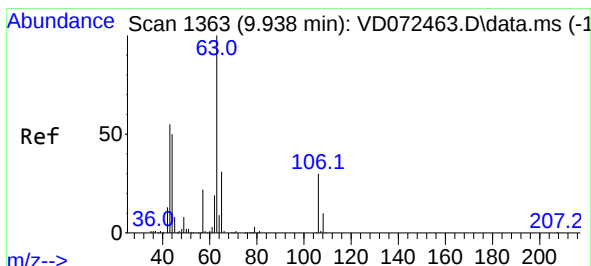
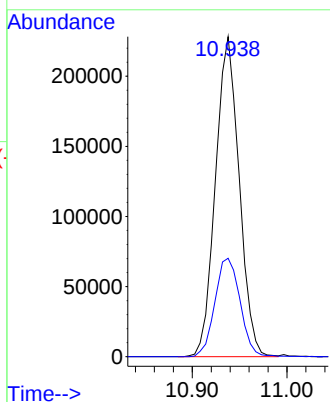
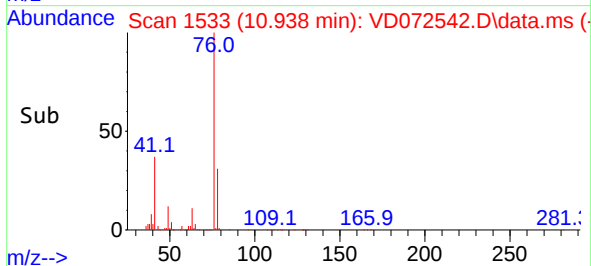
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



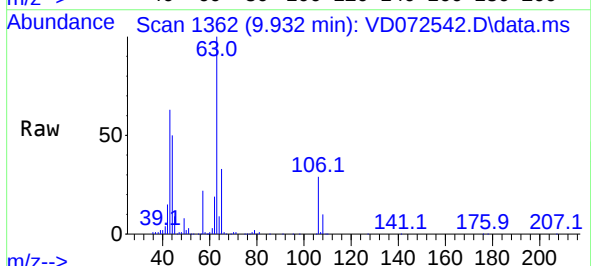
Tgt Ion: 76 Resp: 397110
Ion Ratio Lower Upper
76 100
78 32.7 26.0 39.0

Manual Integrations
APPROVED

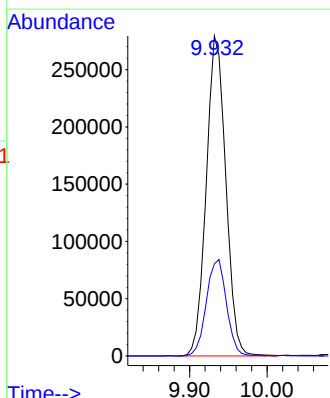
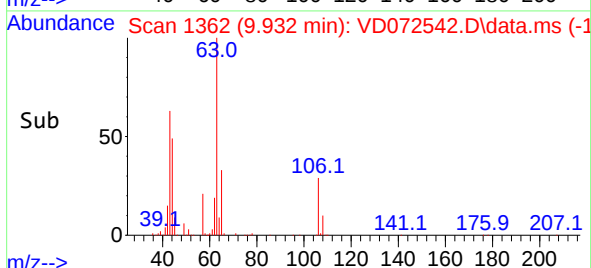
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022

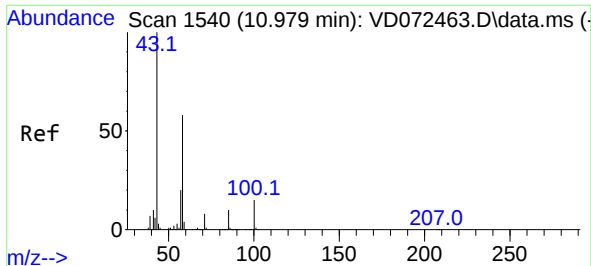


#58
2-Chloroethyl Vinyl ether
Concen: 229.665 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03



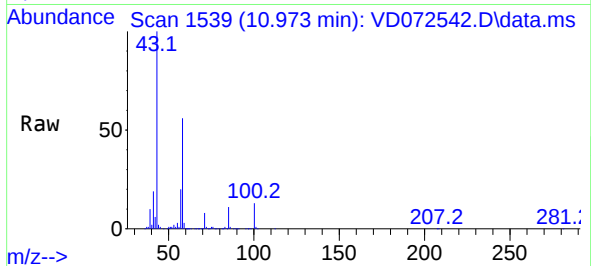
Tgt Ion: 63 Resp: 489573
Ion Ratio Lower Upper
63 100
106 31.1 21.4 32.0





#59
2-Hexanone
Concen: 297.229 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

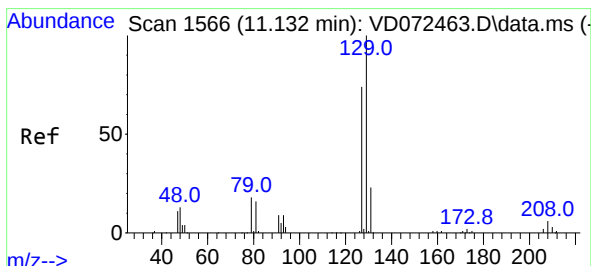
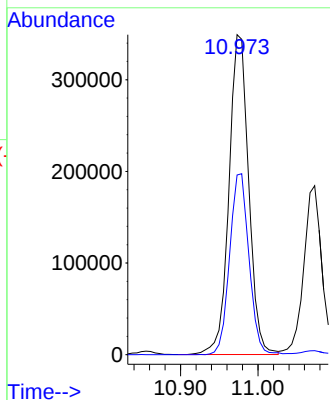
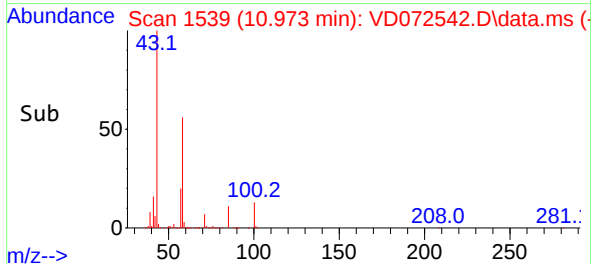
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



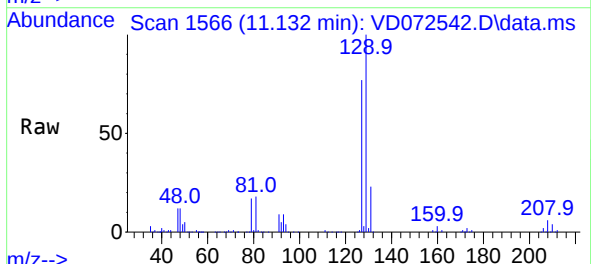
Tgt Ion: 43 Resp: 615944
Ion Ratio Lower Upper
43 100
58 55.7 25.3 75.9

Manual Integrations
APPROVED

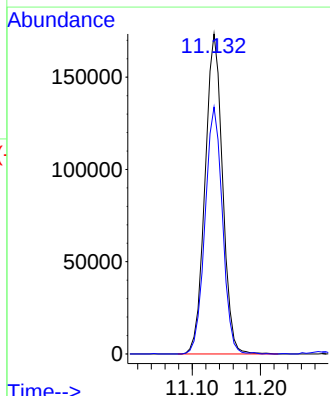
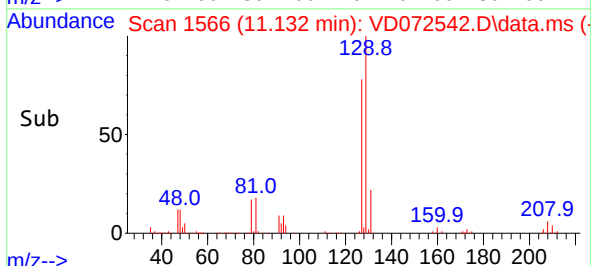
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022

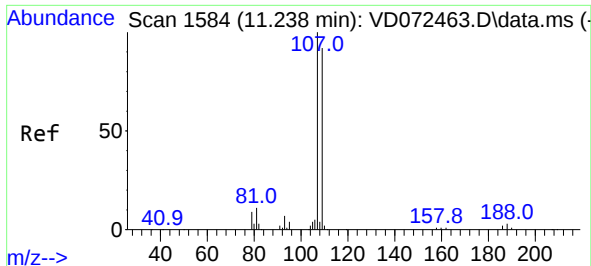


#60
Dibromochloromethane
Concen: 55.571 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03



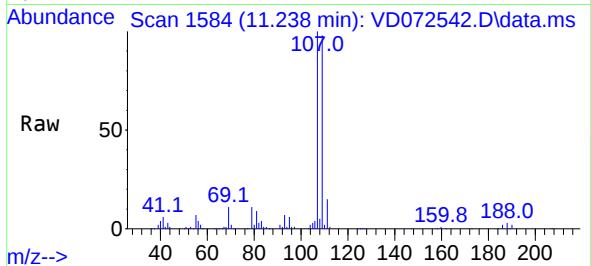
Tgt Ion:129 Resp: 309509
Ion Ratio Lower Upper
129 100
127 76.8 39.2 117.6





#61
1,2-Dibromoethane
Concen: 58.537 ug/l
RT: 11.238 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

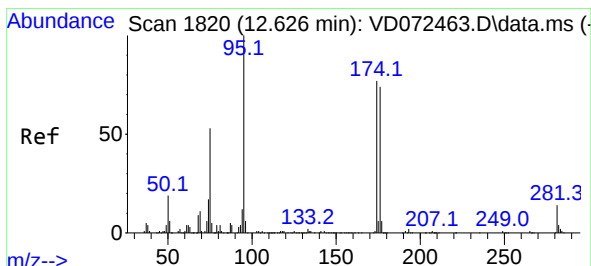
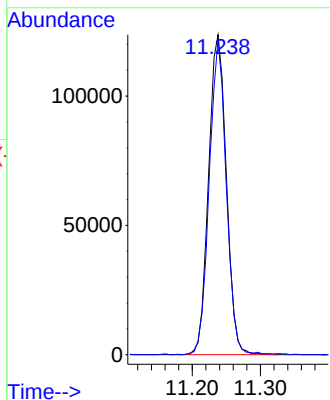
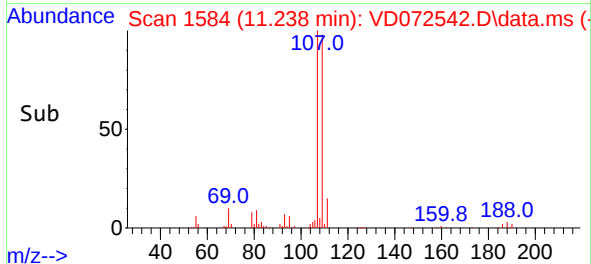
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



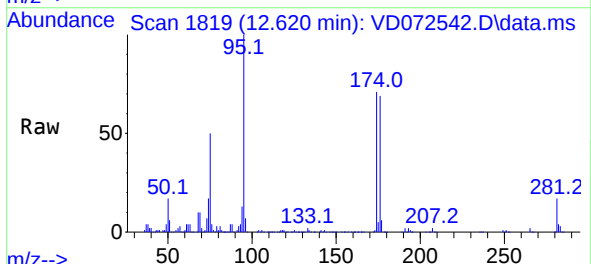
Tgt Ion:107 Resp: 224400
Ion Ratio Lower Upper
107 100
109 94.3 74.2 111.4

Manual Integrations
APPROVED

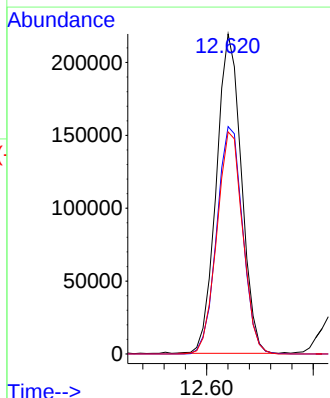
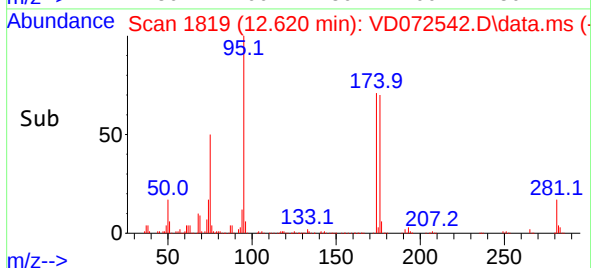
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022

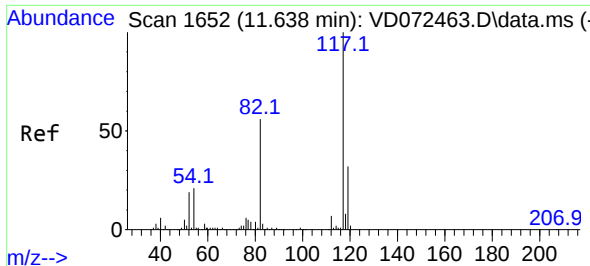


#62
4-Bromofluorobenzene
Concen: 46.989 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03



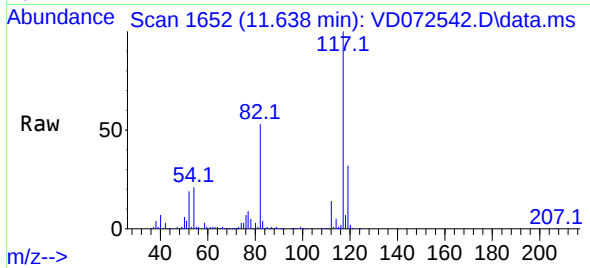
Tgt Ion: 95 Resp: 356445
Ion Ratio Lower Upper
95 100
174 73.7 0.0 152.8
176 71.9 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

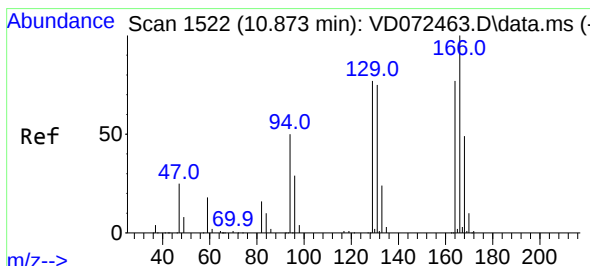
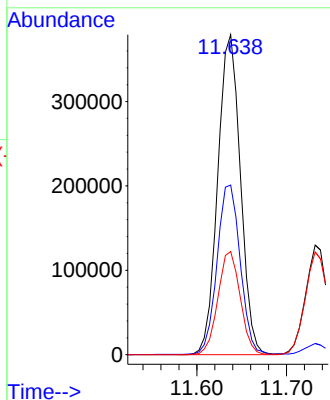
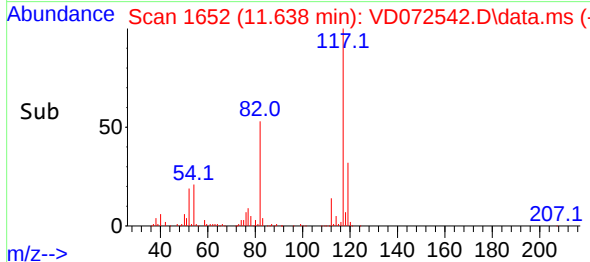
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



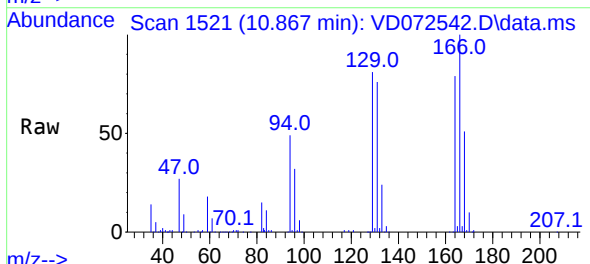
Tgt Ion:117 Resp: 665779
Ion Ratio Lower Upper
117 100
82 52.9 45.3 67.9
119 32.3 26.6 40.0

Manual Integrations
APPROVED

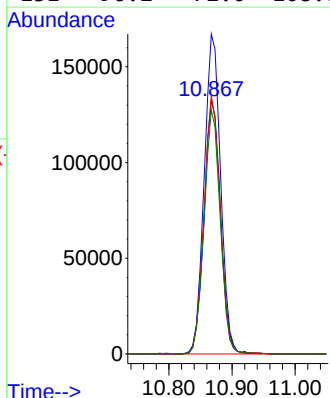
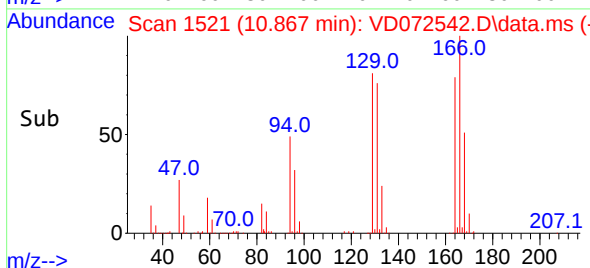
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022

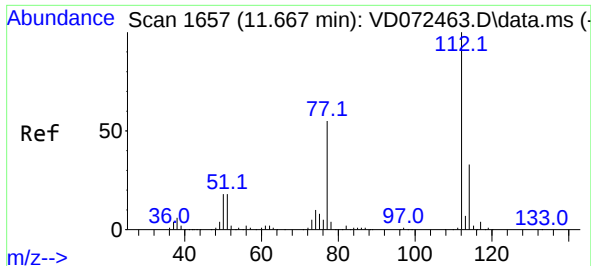


#64
Tetrachloroethene
Concen: 55.481 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03



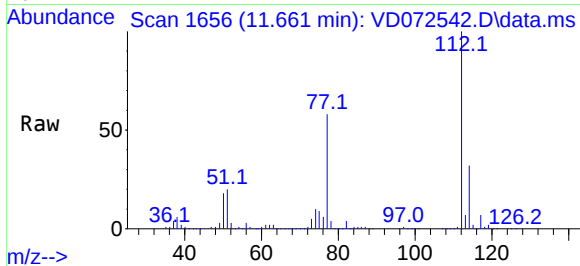
Tgt Ion:164 Resp: 241340
Ion Ratio Lower Upper
164 100
166 126.2 98.5 147.7
129 101.8 74.6 111.8
131 96.2 72.0 108.0





#65
Chlorobenzene
Concen: 55.213 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

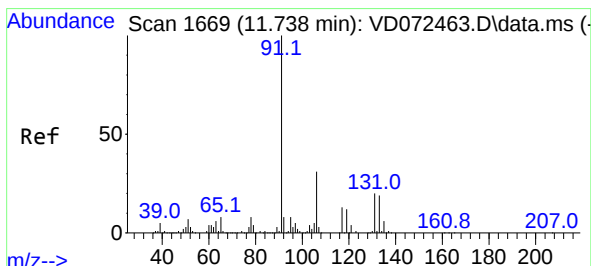
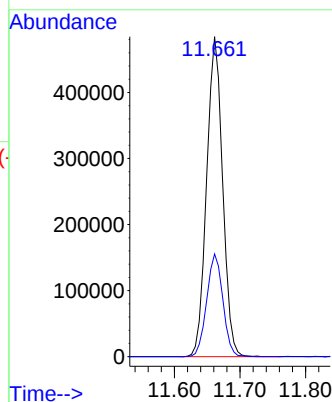
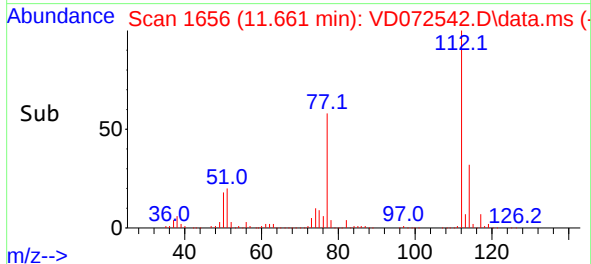
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



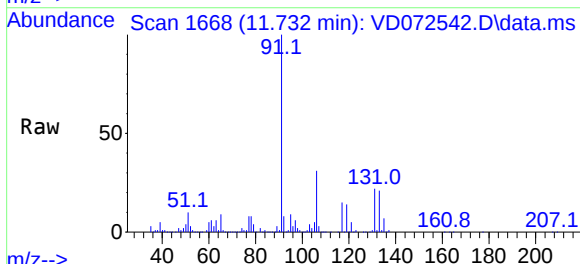
Tgt Ion:112 Resp: 82185
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6

Manual Integrations
APPROVED

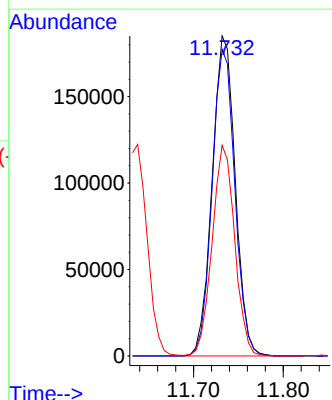
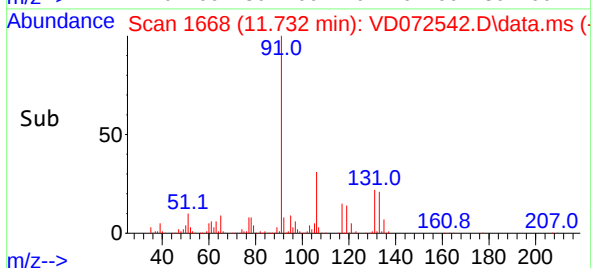
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022

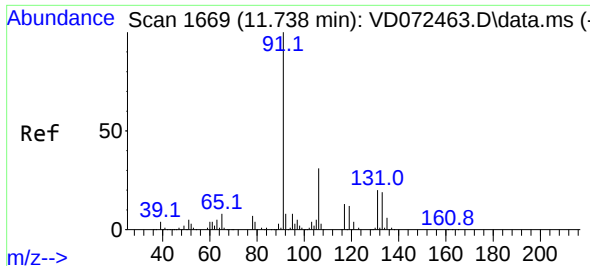


#66
1,1,1,2-Tetrachloroethane
Concen: 55.368 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03



Tgt Ion:131 Resp: 329499
Ion Ratio Lower Upper
131 100
133 94.6 48.1 144.3
119 64.6 31.9 95.9





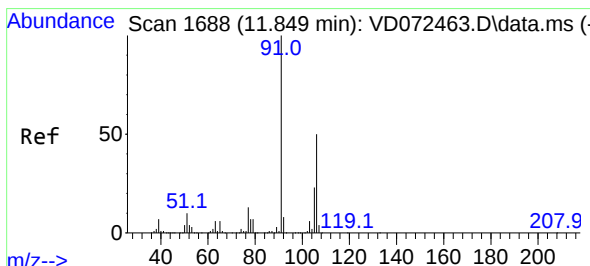
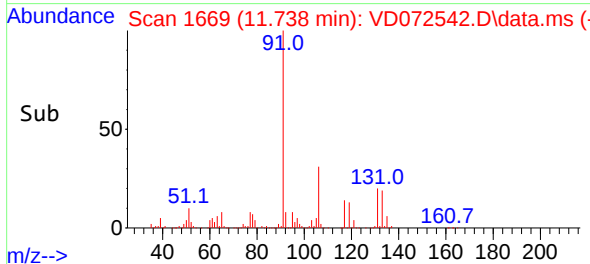
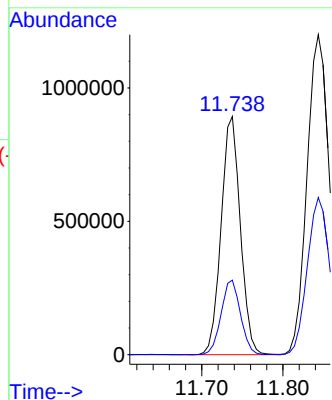
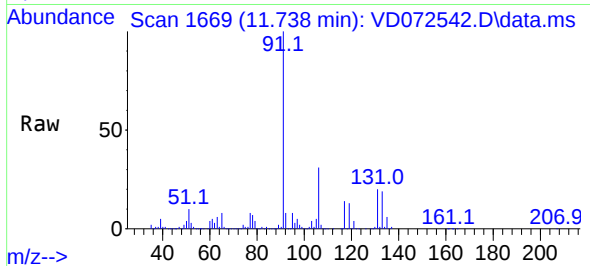
#67
Ethyl Benzene
Concen: 56.589 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 146977
Ion Ratio Lower Upper
91 100
106 31.3 24.2 36.4

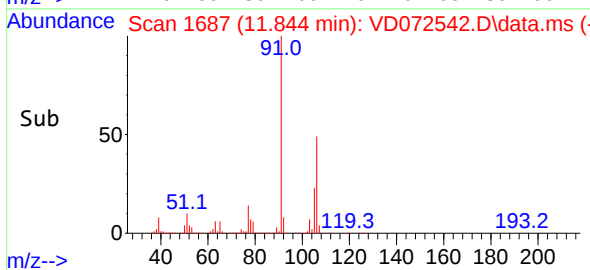
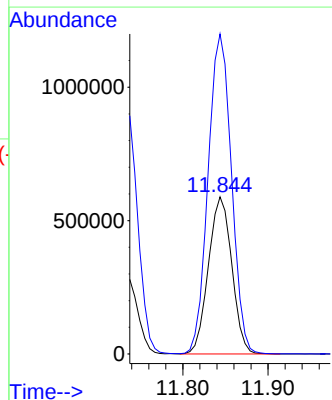
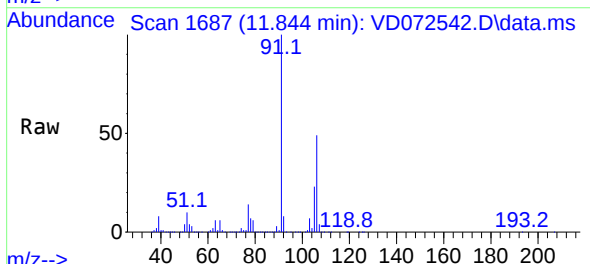
Manual Integrations
APPROVED

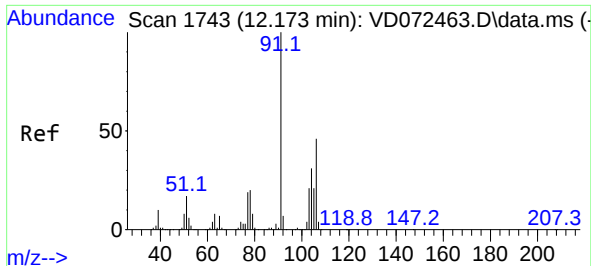
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022



#68
m/p-Xylenes
Concen: 113.964 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

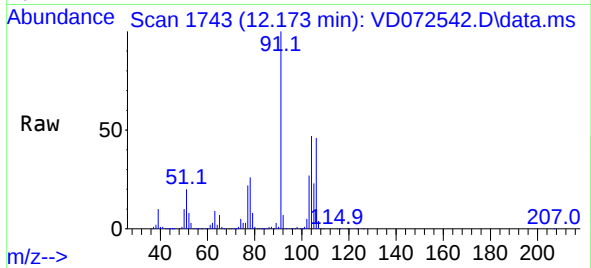
Tgt Ion:106 Resp: 1122955
Ion Ratio Lower Upper
106 100
91 203.8 163.7 245.5





#69
o-Xylene
Concen: 57.301 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

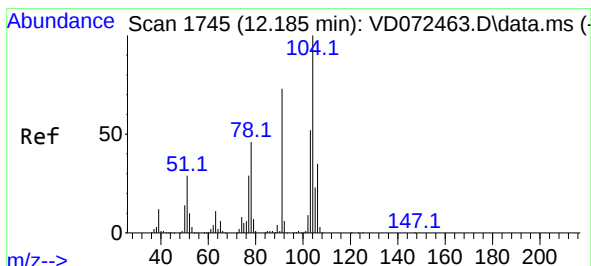
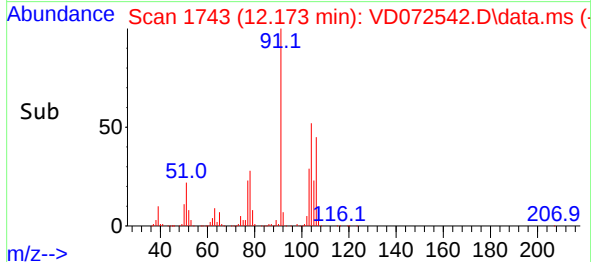
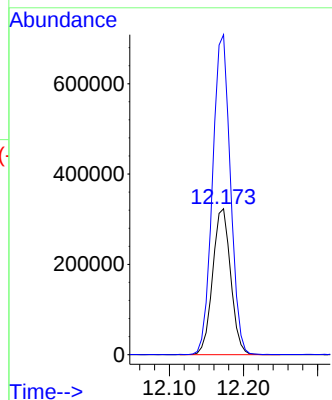
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 544769
Ion Ratio Lower Upper
106 100
91 218.0 110.4 331.2

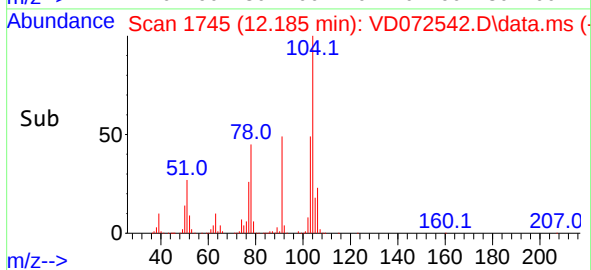
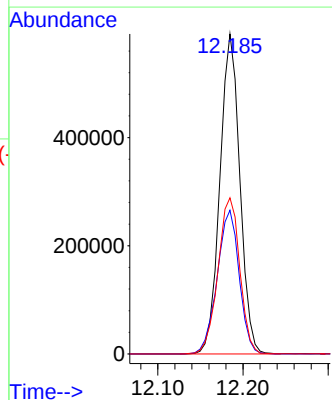
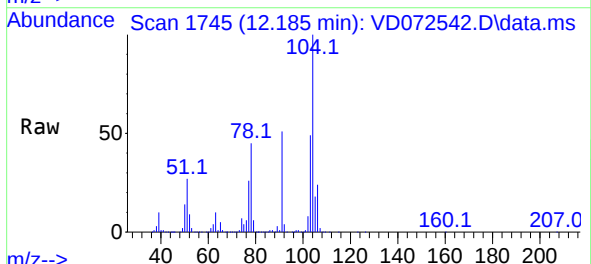
Manual Integrations
APPROVED

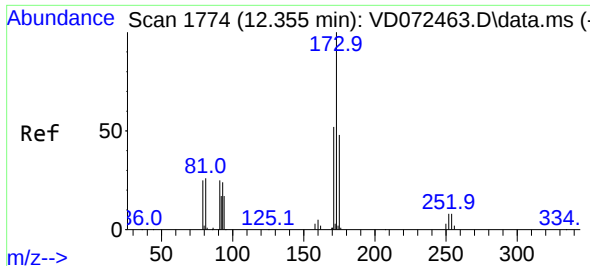
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022



#70
Styrene
Concen: 57.569 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

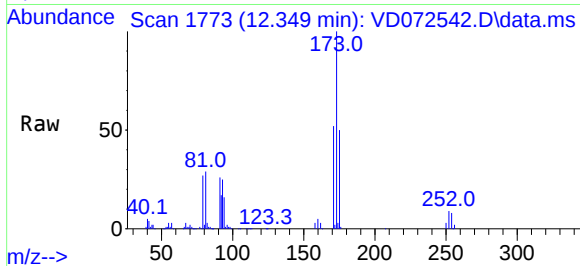
Tgt Ion:104 Resp: 964591
Ion Ratio Lower Upper
104 100
78 49.5 41.8 62.8
103 53.4 44.2 66.4





#71
Bromoform
Concen: 55.420 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

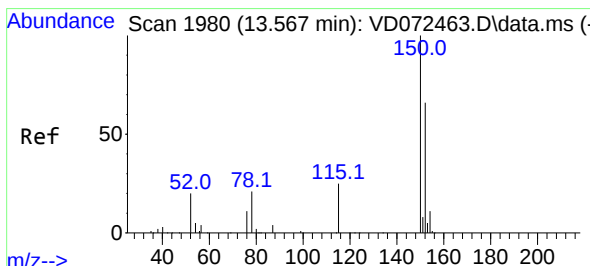
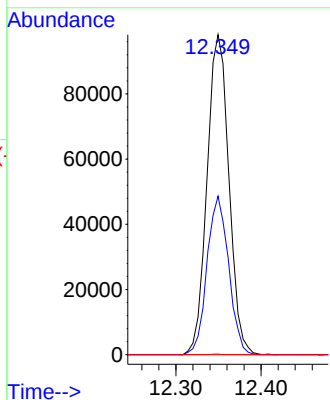
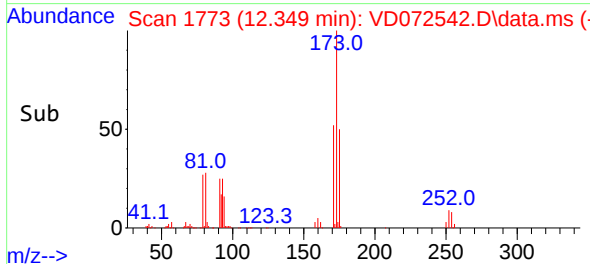
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



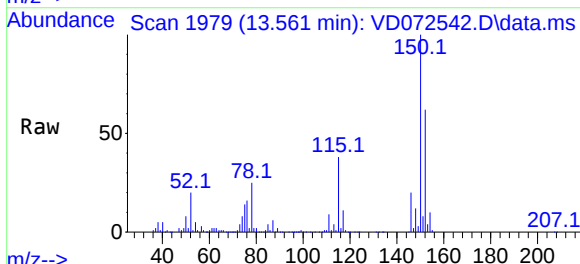
Tgt Ion:173 Resp: 17484
Ion Ratio Lower Upper
173 100
175 48.9 23.9 71.8
254 0.1 0.0 0.0

Manual Integrations
APPROVED

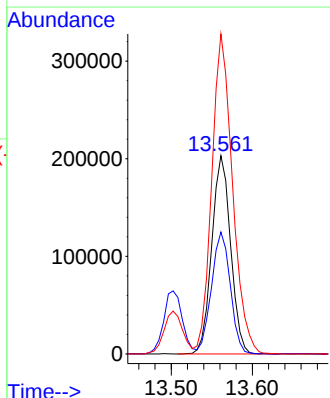
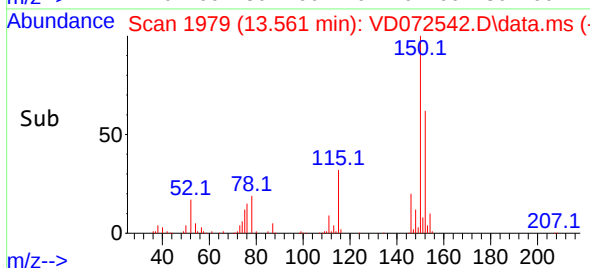
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022

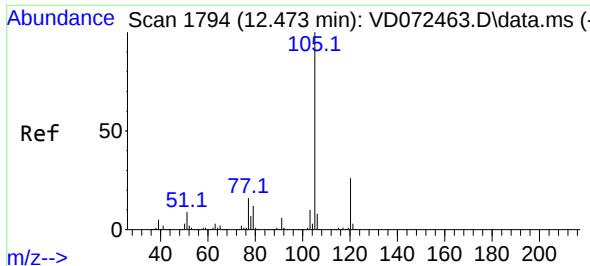


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03



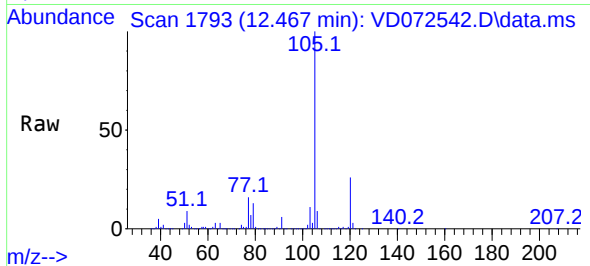
Tgt Ion:152 Resp: 327847
Ion Ratio Lower Upper
152 100
115 61.3 31.3 93.8
150 177.9 0.0 348.6





#73
Isopropylbenzene
Concen: 56.183 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

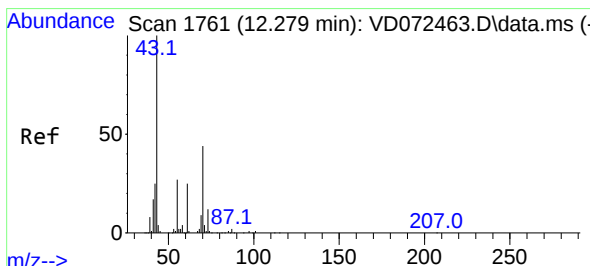
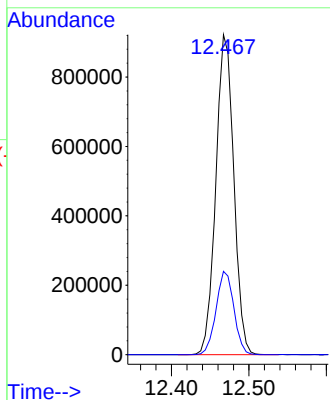
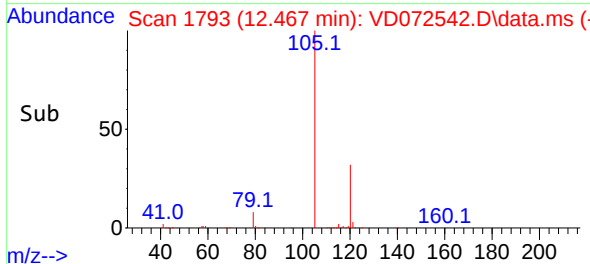
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 148757
Ion Ratio Lower Upper
105 100
120 25.9 13.0 38.9

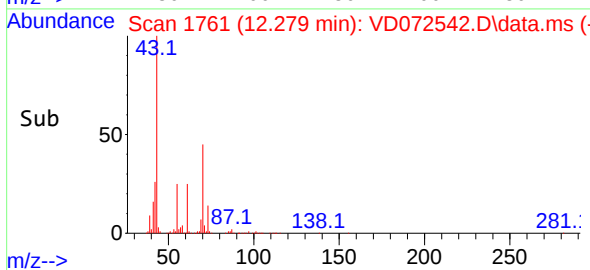
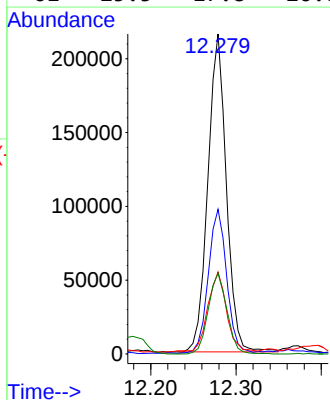
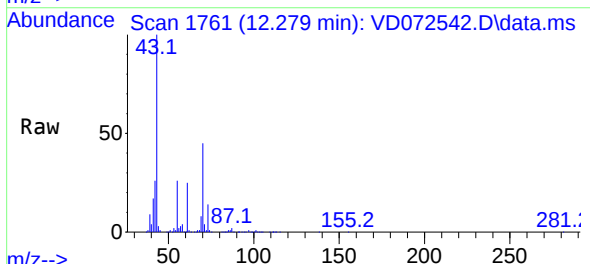
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022



#74
N-ethyl acetate
Concen: 58.631 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

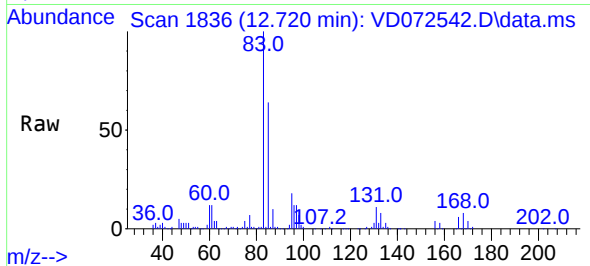
Tgt Ion: 43 Resp: 325722
Ion Ratio Lower Upper
43 100
70 44.9 31.3 46.9
55 26.1 20.0 30.0
61 25.5 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 54.269 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

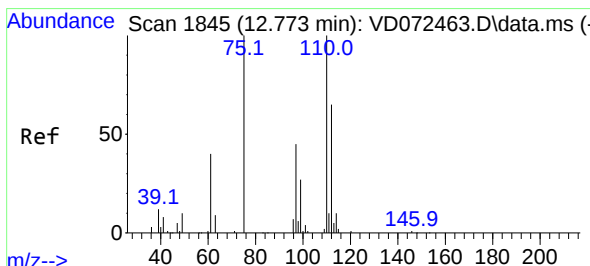
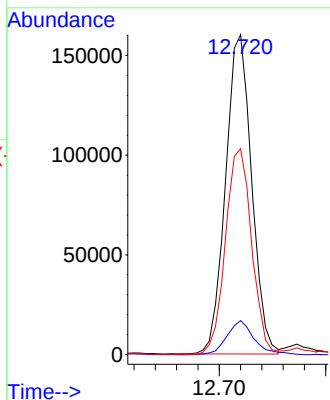
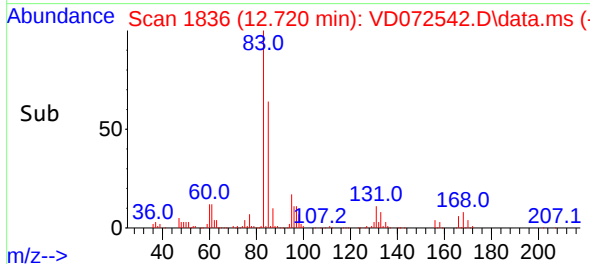
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



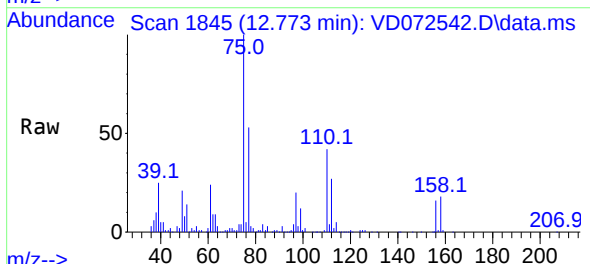
Tgt Ion: 83 Resp: 272162
Ion Ratio Lower Upper
83 100
131 11.1 5.0 14.9
85 64.9 32.6 98.0

Manual Integrations
APPROVED

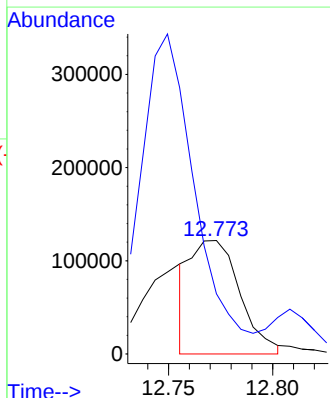
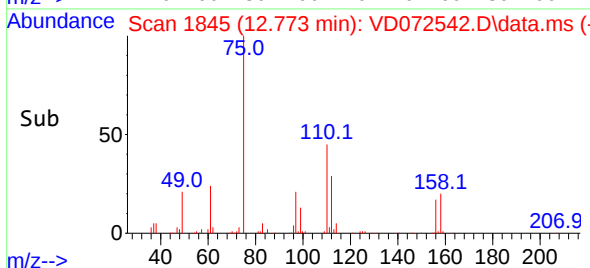
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022

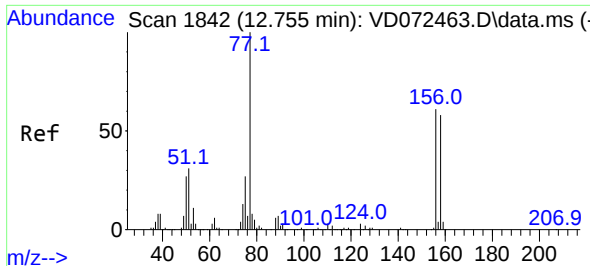


#76
1,2,3-Trichloropropane
Concen: 56.047 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03



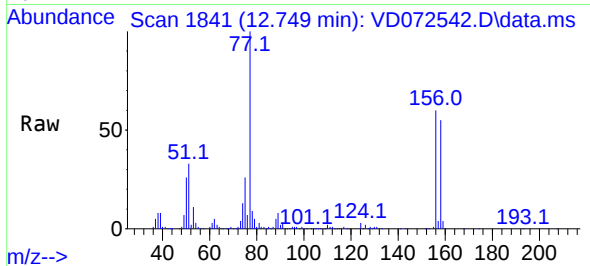
Tgt Ion: 75 Resp: 200408
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 56.013 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

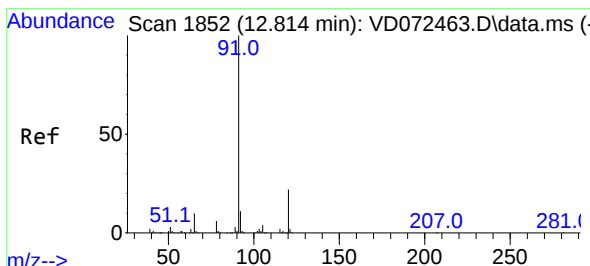
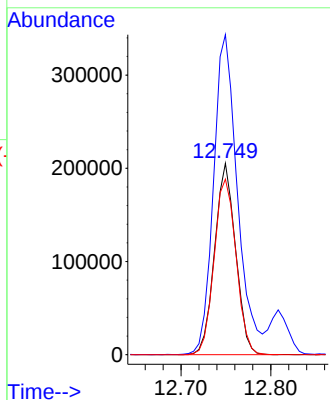
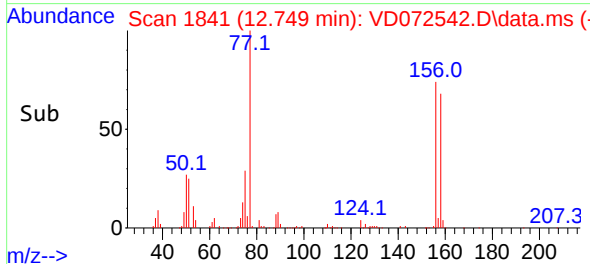
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



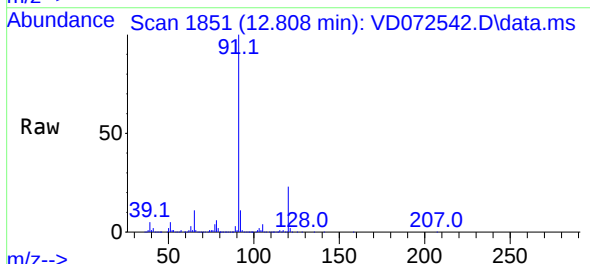
Tgt Ion:156 Resp: 332412
Ion Ratio Lower Upper
156 100
77 190.8 102.8 308.3
158 96.3 48.7 146.1

Manual Integrations
APPROVED

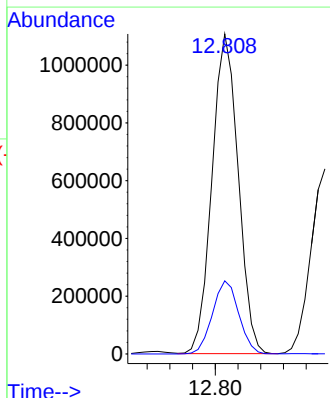
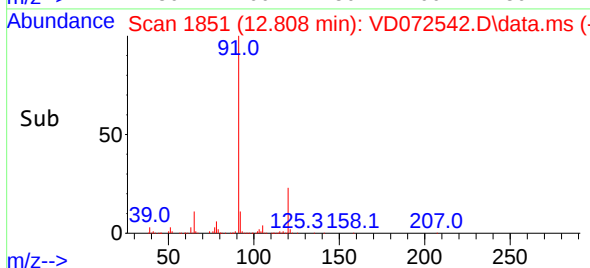
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022

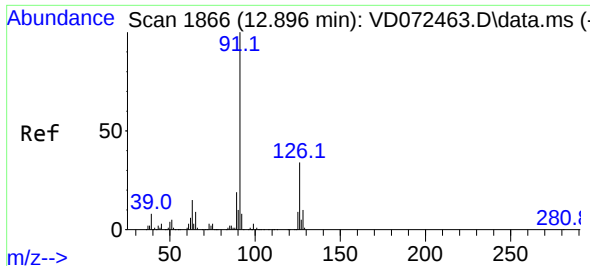


#78
n-propylbenzene
Concen: 55.439 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03



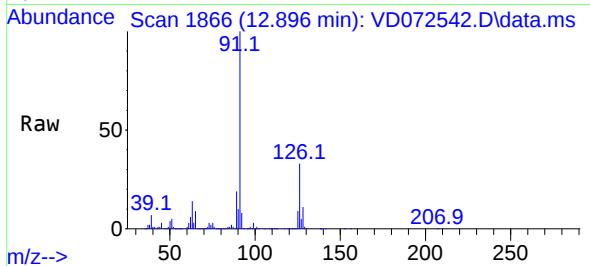
Tgt Ion: 91 Resp: 1770780
Ion Ratio Lower Upper
91 100
120 22.9 10.9 32.9





#79
2-Chlorotoluene
Concen: 55.650 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

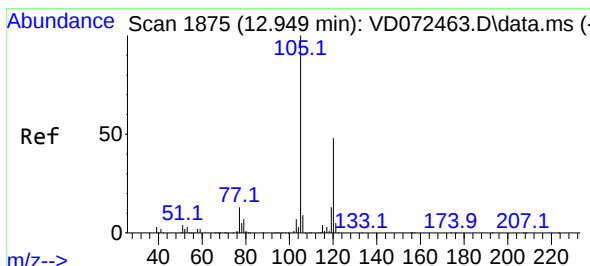
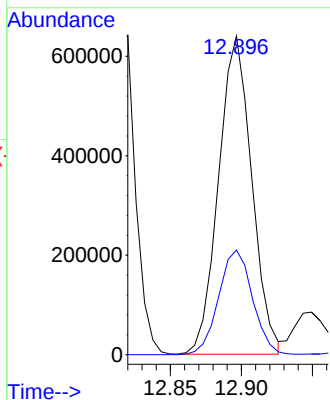
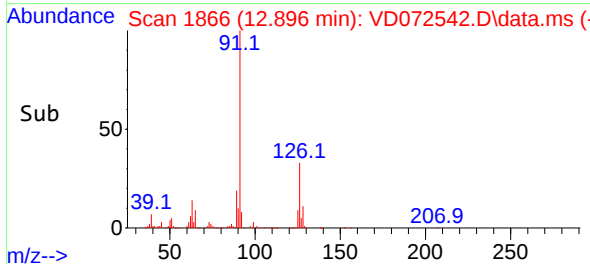
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



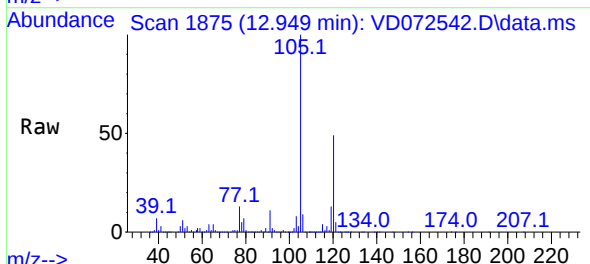
Tgt Ion: 91 Resp: 103953
Ion Ratio Lower Upper
91 100
126 33.5 16.2 48.6

Manual Integrations
APPROVED

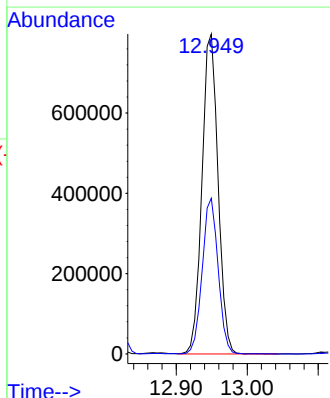
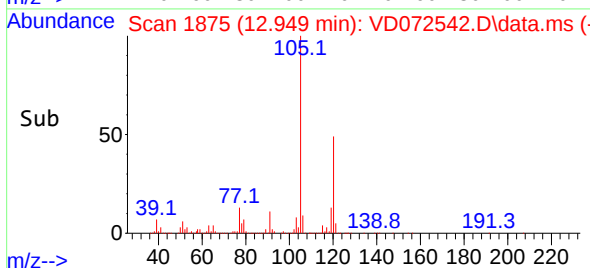
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022

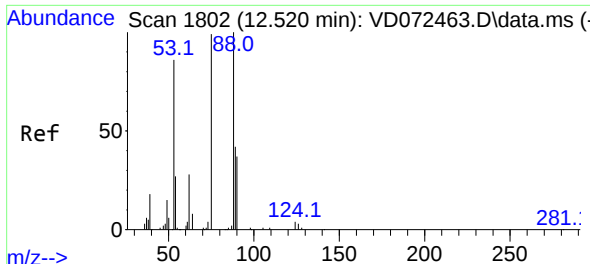


#80
1,3,5-Trimethylbenzene
Concen: 55.400 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03



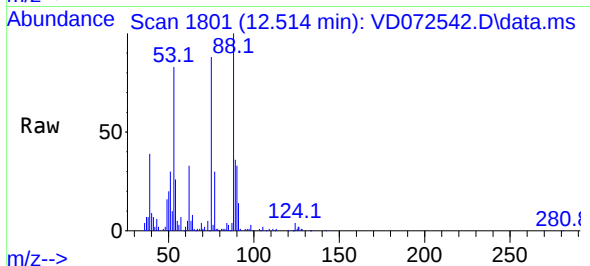
Tgt Ion:105 Resp: 1256275
Ion Ratio Lower Upper
105 100
120 48.0 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 53.979 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

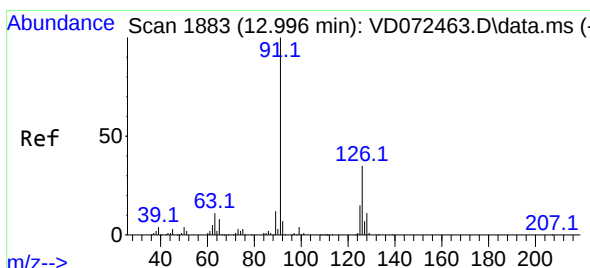
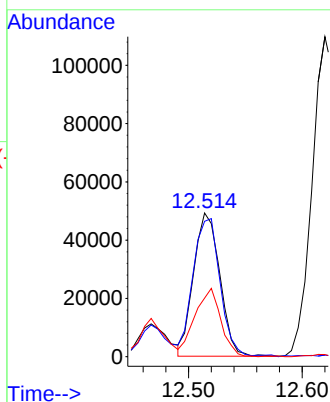
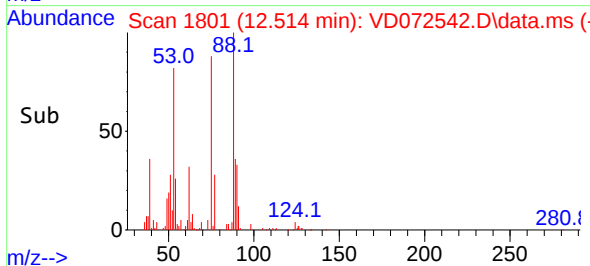
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



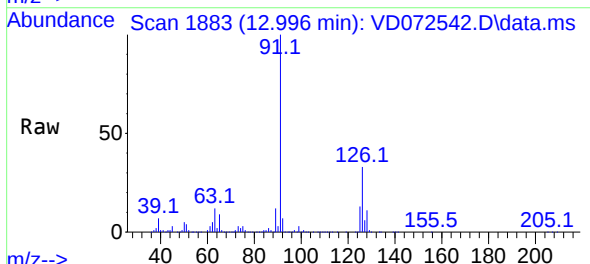
Tgt Ion: 75 Resp: 78659
Ion Ratio Lower Upper
75 100
53 100.5 86.5 129.7
89 47.4 33.9 50.9

Manual Integrations
APPROVED

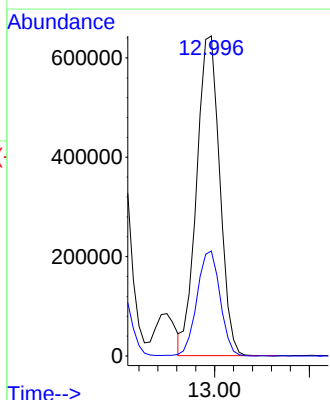
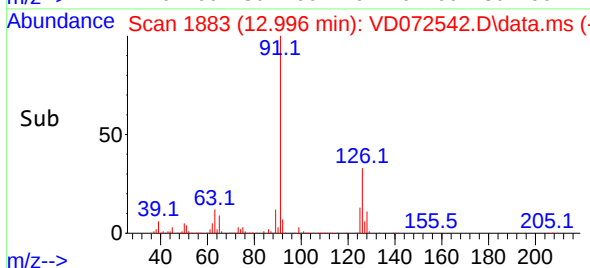
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022

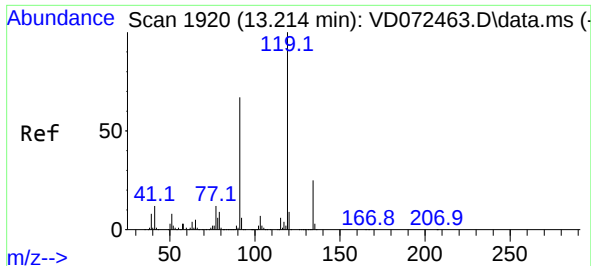


#82
4-Chlorotoluene
Concen: 55.918 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03



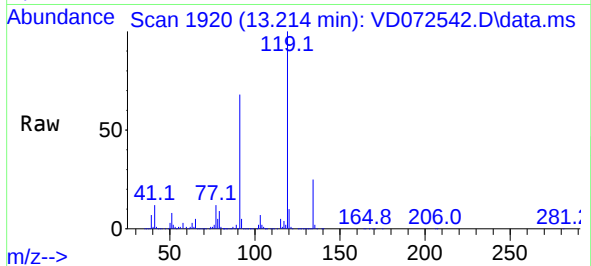
Tgt Ion: 91 Resp: 1087855
Ion Ratio Lower Upper
91 100
126 32.9 16.5 49.5





#83
tert-Butylbenzene
Concen: 56.871 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

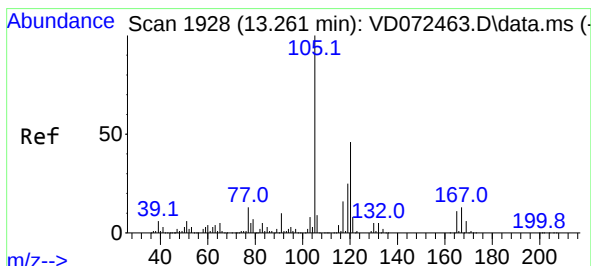
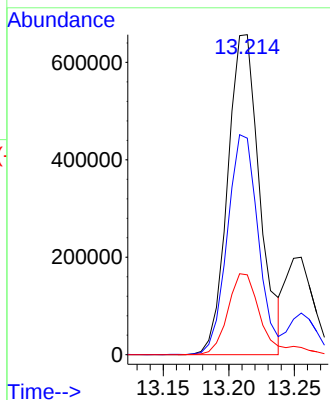
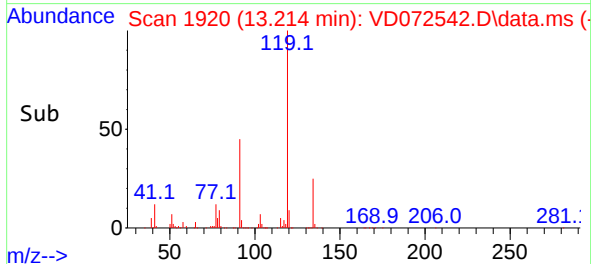
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



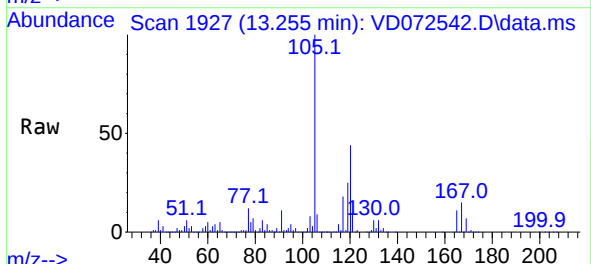
Tgt Ion:119 Resp: 111644
Ion Ratio Lower Upper
119 100
91 66.2 34.8 104.5
134 26.5 13.3 39.9

Manual Integrations
APPROVED

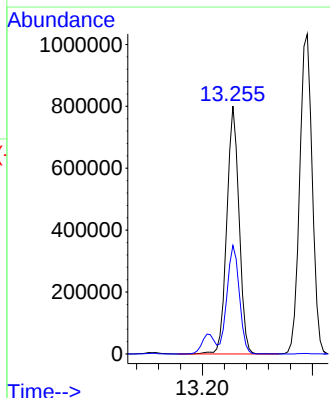
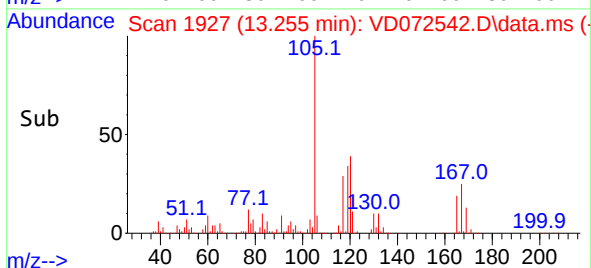
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022

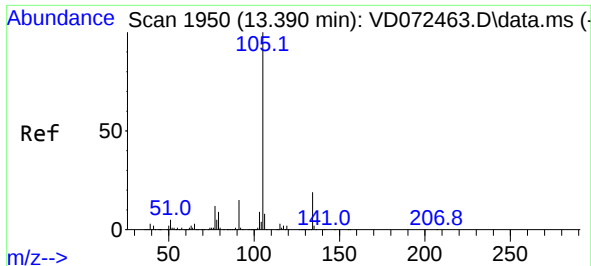


#84
1,2,4-Trimethylbenzene
Concen: 55.841 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03



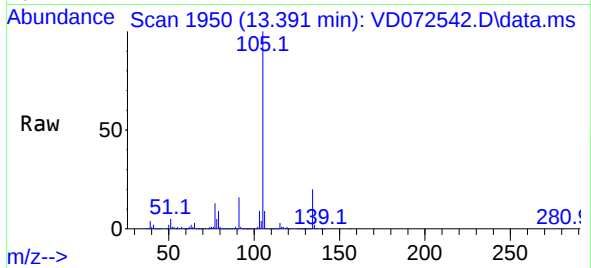
Tgt Ion:105 Resp: 1238254
Ion Ratio Lower Upper
105 100
120 44.3 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 55.092 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072542.D
 Acq: 05 Apr 2022 19:03

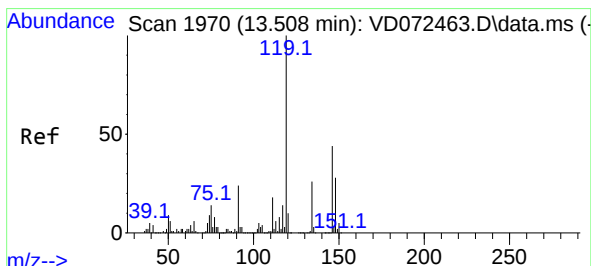
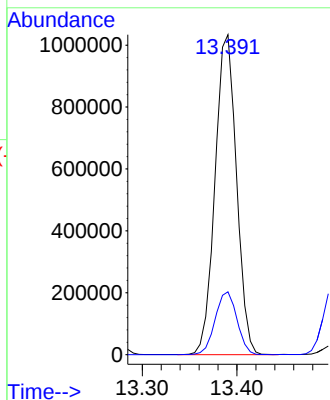
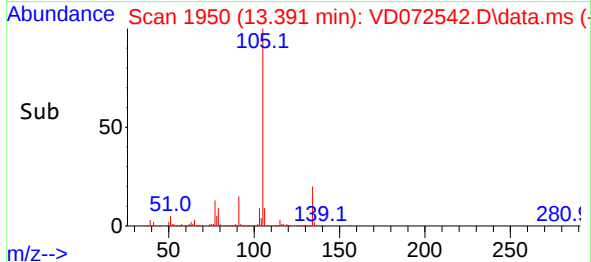
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



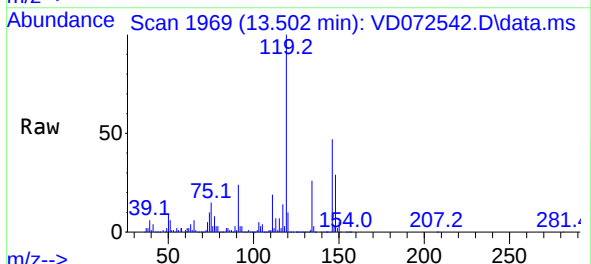
Tgt Ion:105 Resp: 1629074
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3

Manual Integrations
 APPROVED

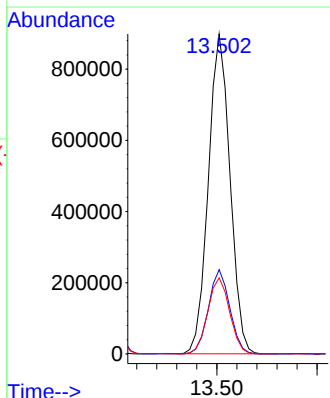
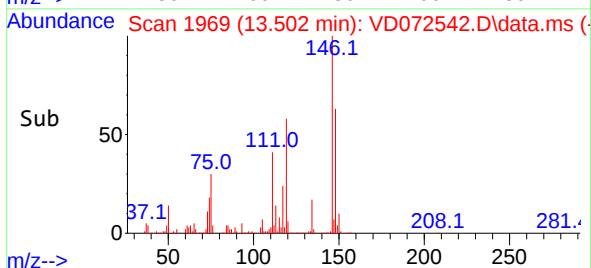
Reviewed By :John Carlone 04/06/2022
 Supervised By :Mahesh Dadoda 04/06/2022

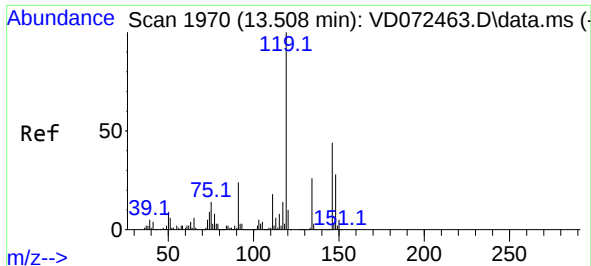


#86
 p-Isopropyltoluene
 Concen: 55.735 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD072542.D
 Acq: 05 Apr 2022 19:03



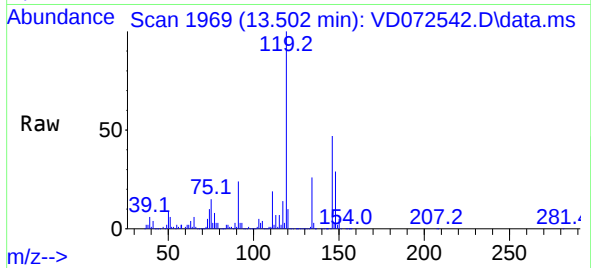
Tgt Ion:119 Resp: 1347125
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.6
 91 23.9 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 55.087 ug/l
RT: 13.502 min Scan# 1970
Delta R.T. -0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

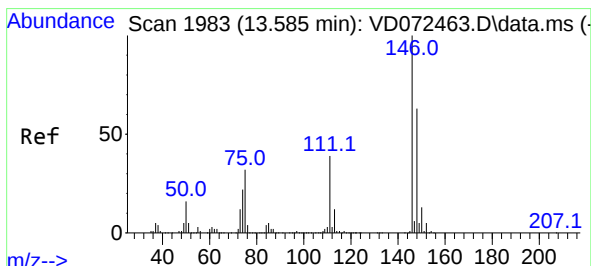
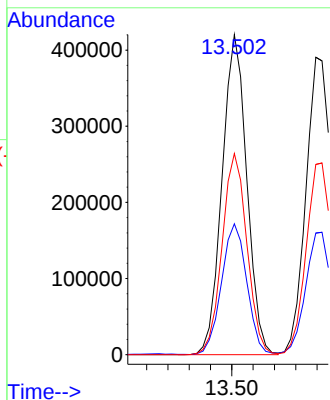
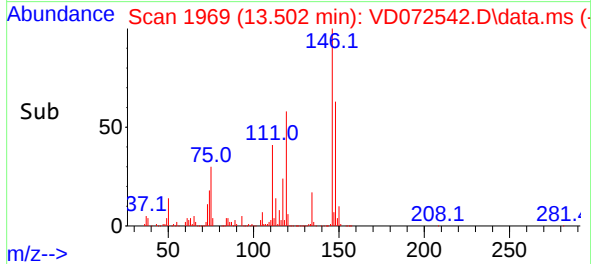
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



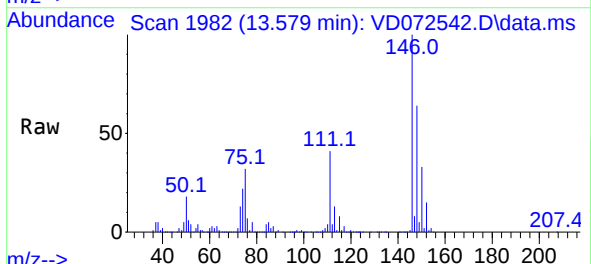
Tgt Ion:146 Resp: 677410
Ion Ratio Lower Upper
146 100
111 41.8 20.4 61.3
148 63.2 31.9 95.7

Manual Integrations
APPROVED

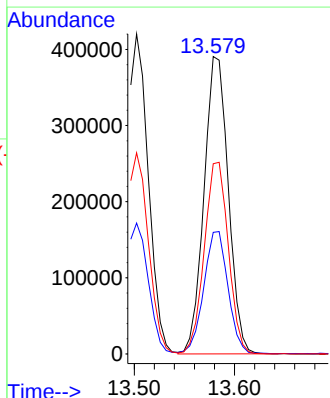
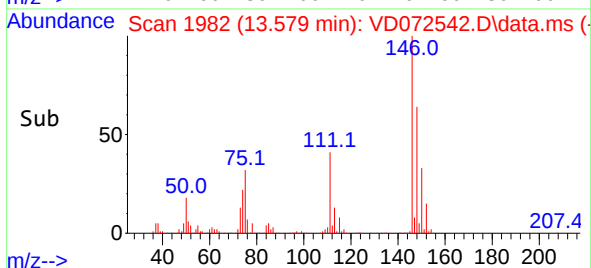
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022

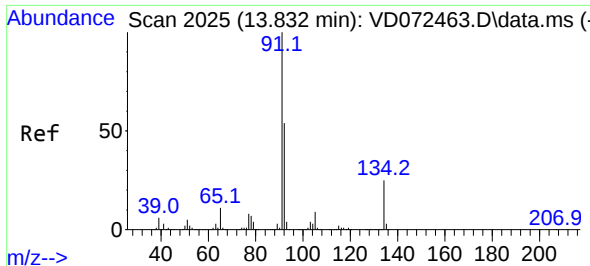


#88
1,4-Dichlorobenzene
Concen: 53.105 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03



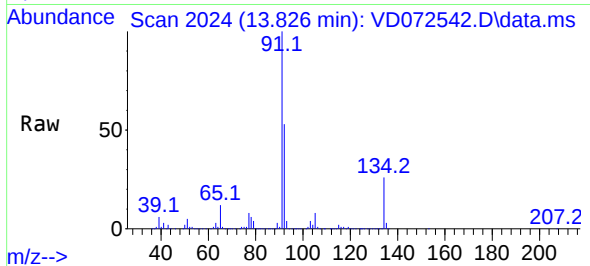
Tgt Ion:146 Resp: 658189
Ion Ratio Lower Upper
146 100
111 41.0 20.3 60.9
148 64.0 31.7 95.1





#89
n-Butylbenzene
Concen: 54.778 ug/l
RT: 13.826 min Scan# 2025
Delta R.T. -0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

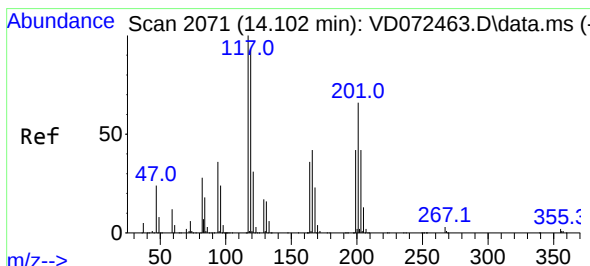
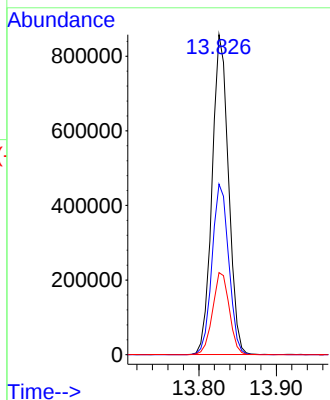
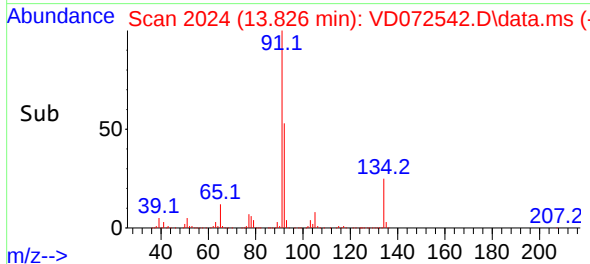
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1261260
Ion Ratio Lower Upper
91 100
92 54.4 26.6 79.8
134 26.1 12.3 36.9

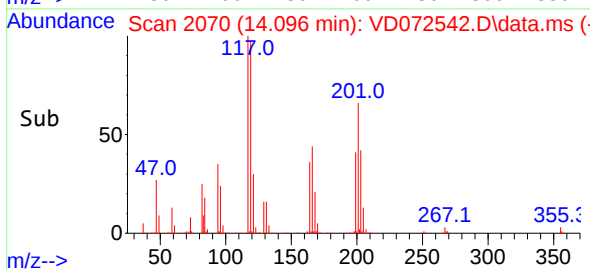
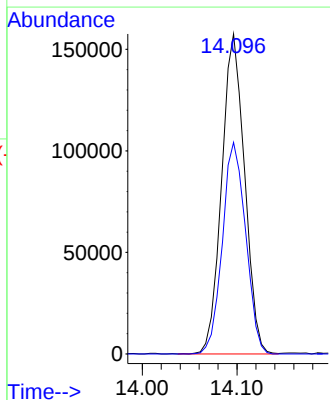
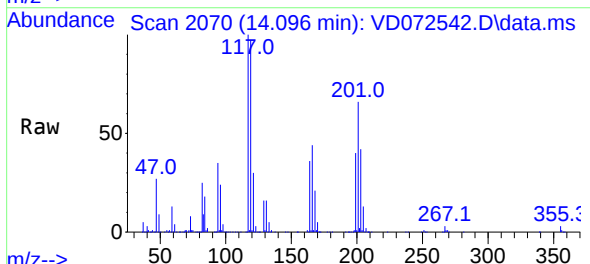
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022



#90
Hexachloroethane
Concen: 53.574 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

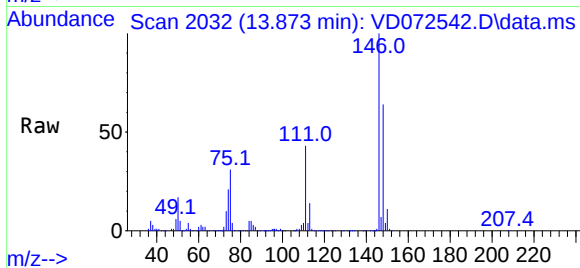
Tgt Ion:117 Resp: 265083
Ion Ratio Lower Upper
117 100
201 67.1 33.4 100.2





#91
1,2-Dichlorobenzene
Concen: 54.842 ug/l
RT: 13.873 min Scan# 2033
Delta R.T. -0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

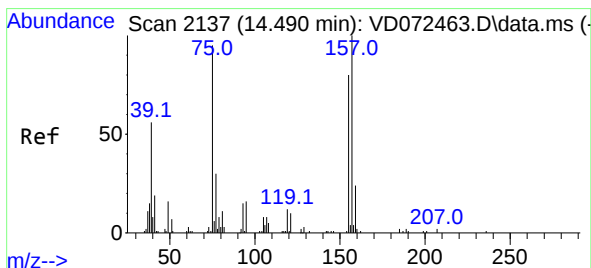
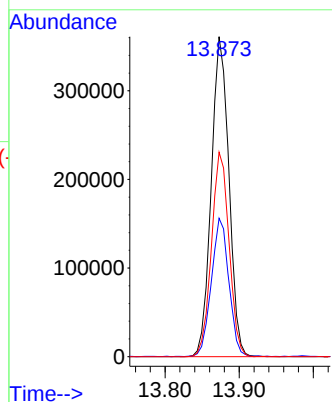
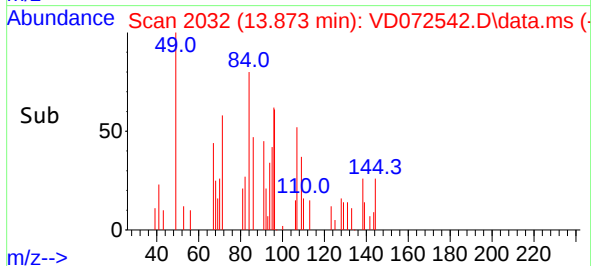
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



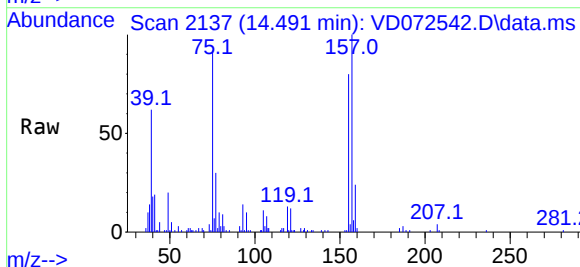
Tgt Ion: 146 Resp: 594828
Ion Ratio Lower Upper
146 100
111 43.3 21.1 63.3
148 63.9 31.7 95.1

Manual Integrations
APPROVED

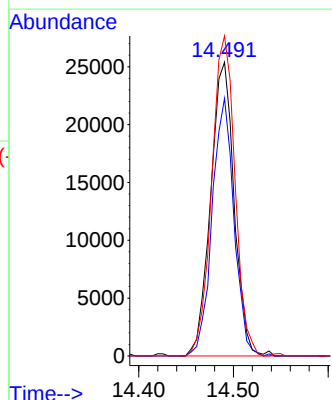
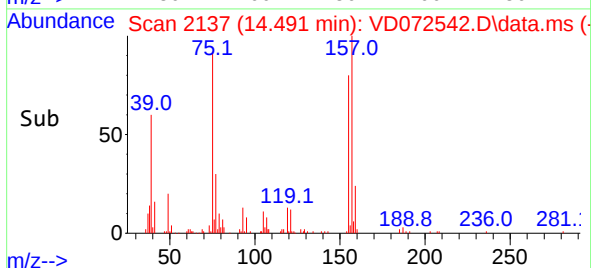
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022

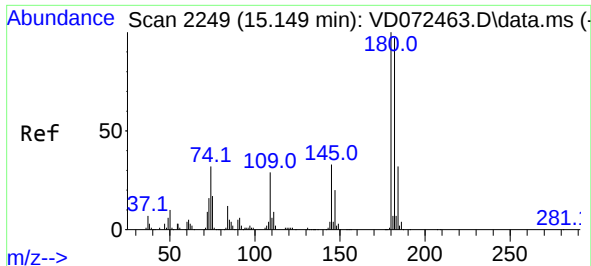


#92
1,2-Dibromo-3-Chloropropane
Concen: 59.082 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03



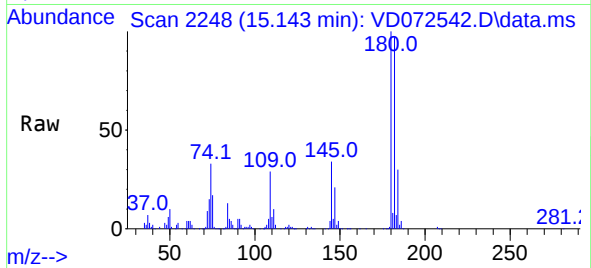
Tgt Ion: 75 Resp: 43821
Ion Ratio Lower Upper
75 100
155 81.4 36.8 110.3
157 107.5 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 54.067 ug/l
RT: 15.143 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

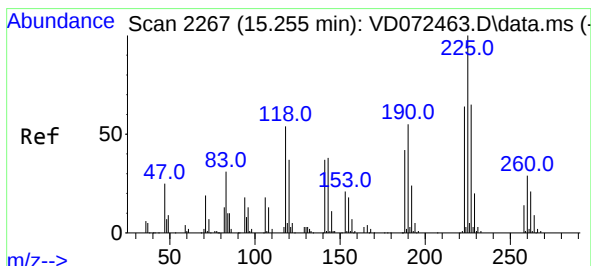
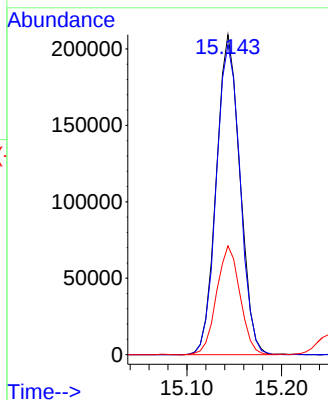
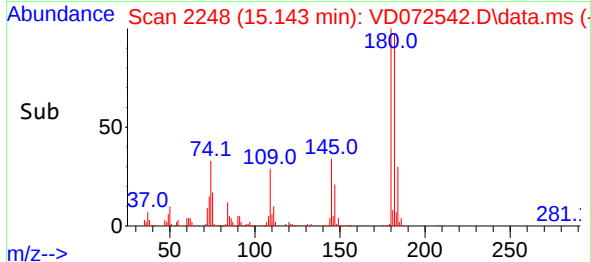
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



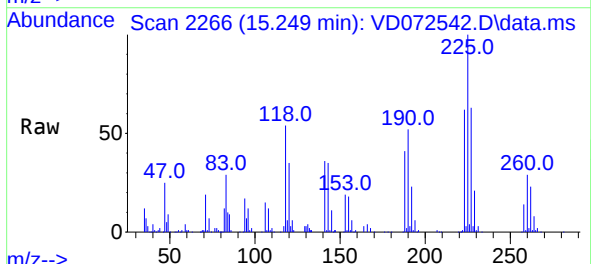
Tgt Ion:180 Resp: 36348
Ion Ratio Lower Upper
180 100
182 97.7 47.3 142.0
145 33.8 16.2 48.5

Manual Integrations
APPROVED

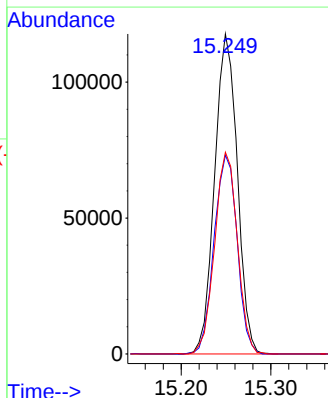
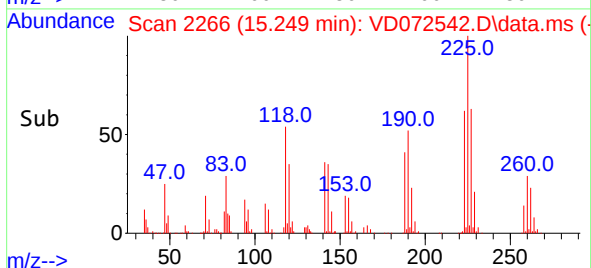
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022

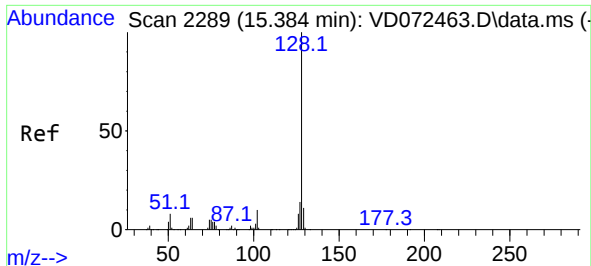


#94
Hexachlorobutadiene
Concen: 54.773 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03



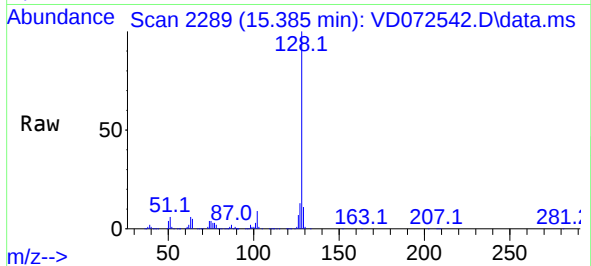
Tgt Ion:225 Resp: 206265
Ion Ratio Lower Upper
225 100
223 63.2 31.1 93.2
227 63.2 32.4 97.0





#95
Naphthalene
Concen: 56.188 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

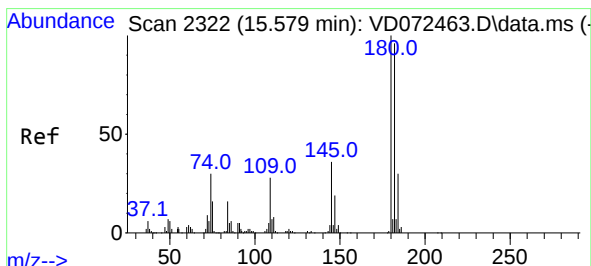
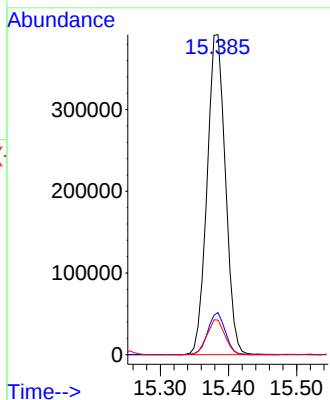
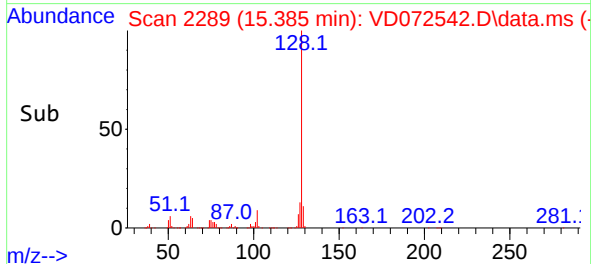
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 733992
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.8 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022



#96
1,2,3-Trichlorobenzene
Concen: 54.750 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD072542.D
Acq: 05 Apr 2022 19:03

Tgt Ion:180 Resp: 321255
Ion Ratio Lower Upper
180 100
182 95.1 47.6 142.9
145 36.4 17.1 51.3

