

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042222\
 Data File : VD072699.D
 Acq On : 22 Apr 2022 17:36
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/25/2022
 Supervised By : Mahesh Dadoda 04/25/2022

Quant Time: Apr 22 23:47:56 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	379967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	621425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	582698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	301093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	233078	50.708	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.420%			
35) Dibromofluoromethane	7.909	113	240910	49.885	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.760%			
50) Toluene-d8	10.332	98	800011	47.656	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.320%			
62) 4-Bromofluorobenzene	12.620	95	329395	50.242	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	124150	41.170	ug/l	100
3) Chloromethane	2.209	50	133800	47.971	ug/l	98
4) Vinyl Chloride	2.344	62	140090	43.817	ug/l	98
5) Bromomethane	2.756	94	96463	44.881	ug/l	92
6) Chloroethane	2.915	64	98145	47.774	ug/l	96
7) Trichlorofluoromethane	3.268	101	317860	48.562	ug/l	99
8) Diethyl Ether	3.709	74	97217	49.980	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.085	101	206004	47.192	ug/l	97
10) Methyl Iodide	4.297	142	162769	40.749	ug/l	100
11) Tert butyl alcohol	5.215	59	107856	444.339	ug/l #	93
12) 1,1-Dichloroethene	4.062	96	165797	48.581	ug/l	93
13) Acrolein	3.920	56	19197	178.218	ug/l	99
14) Allyl chloride	4.715	41	282935	47.275	ug/l	92
15) Acrylonitrile	5.415	53	254755	261.888	ug/l	97
16) Acetone	4.156	43	191841	223.830	ug/l	92
17) Carbon Disulfide	4.409	76	308529	42.341	ug/l	99
18) Methyl Acetate	4.715	43	108337	44.867	ug/l #	88
19) Methyl tert-butyl Ether	5.473	73	541439	54.355	ug/l	97
20) Methylene Chloride	4.956	84	259756	50.908	ug/l	87
21) trans-1,2-Dichloroethene	5.467	96	190449	45.785	ug/l	91
22) Diisopropyl ether	6.362	45	713237	52.017	ug/l #	91
23) Vinyl Acetate	6.303	43	1886692	255.677	ug/l #	92
24) 1,1-Dichloroethane	6.262	63	414381	50.152	ug/l	98
25) 2-Butanone	7.209	43	313559	264.524	ug/l	93
26) 2,2-Dichloropropane	7.203	77	362765	49.430	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	256423	49.486	ug/l	92
28) Bromochloromethane	7.538	49	186480	52.674	ug/l #	79
29) Tetrahydrofuran	7.561	42	192282	268.678	ug/l #	88
30) Chloroform	7.703	83	458159	49.294	ug/l	99
31) Cyclohexane	7.979	56	294713	49.036	ug/l	92
32) 1,1,1-Trichloroethane	7.903	97	399178	50.637	ug/l	95
36) 1,1-Dichloropropene	8.103	75	285427	46.333	ug/l	95
37) Ethyl Acetate	7.291	43	140351	54.848	ug/l #	94
38) Carbon Tetrachloride	8.091	117	334857	50.330	ug/l	98
39) Methylcyclohexane	9.350	83	352274	49.070	ug/l	98
40) Benzene	8.344	78	857460	50.840	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	98796	65.530	ug/l	91
42) 1,2-Dichloroethane	8.420	62	272301	52.821	ug/l	94
43) Isopropyl Acetate	8.450	43	281148	57.278	ug/l #	93
44) Trichloroethene	9.108	130	237792	49.662	ug/l	95
45) 1,2-Dichloropropane	9.379	63	237928	50.712	ug/l	94
46) Dibromomethane	9.467	93	128083	52.034	ug/l	97
47) Bromodichloromethane	9.655	83	356757	50.449	ug/l	98
48) Methyl methacrylate	9.450	41	137514	57.705	ug/l	91
49) 1,4-Dioxane	9.450	88	30893	1055.058	ug/l #	92
51) 4-Methyl-2-Pentanone	10.220	43	737876	280.157	ug/l	91
52) Toluene	10.397	92	574094	51.237	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	323641	52.519	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	366716	50.333	ug/l	89
55) 1,1,2-Trichloroethane	10.791	97	195839	52.479	ug/l	98
56) Ethyl methacrylate	10.650	69	239568	52.159	ug/l #	84
57) 1,3-Dichloropropane	10.938	76	317391	51.447	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	557109	302.388	ug/l	95
59) 2-Hexanone	10.973	43	502877	280.775	ug/l	94
60) Dibromochloromethane	11.132	129	245299	50.958	ug/l	99
61) 1,2-Dibromoethane	11.238	107	175130	52.857	ug/l	99
64) Tetrachloroethene	10.867	164	179699	47.201	ug/l	90
65) Chlorobenzene	11.661	112	632416	48.544	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	260321	49.980	ug/l	99
67) Ethyl Benzene	11.738	91	1134335	49.901	ug/l	98
68) m/p-Xylenes	11.844	106	867208	100.557	ug/l	98
69) o-Xylene	12.167	106	423197	50.860	ug/l	96
70) Styrene	12.185	104	738481	50.358	ug/l	98
71) Bromoform	12.349	173	141877	51.383	ug/l #	99
73) Isopropylbenzene	12.467	105	1160417	47.721	ug/l	100
74) N-amyl acetate	12.279	43	271332	53.180	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.720	83	222572	48.324	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	156955m	47.795	ug/l	
77) Bromobenzene	12.749	156	262400	48.144	ug/l	93
78) n-propylbenzene	12.808	91	1394494	47.537	ug/l	99
79) 2-Chlorotoluene	12.896	91	803946	46.863	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	973297	46.735	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	66638	49.793	ug/l	89
82) 4-Chlorotoluene	12.991	91	841402	47.092	ug/l	99
83) tert-Butylbenzene	13.208	119	847382	47.000	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	963507	47.312	ug/l	100
85) sec-Butylbenzene	13.385	105	1278562	47.080	ug/l	99
86) p-Isopropyltoluene	13.502	119	1060599	47.780	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	520880	46.122	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	517850	45.495	ug/l	99
89) n-Butylbenzene	13.826	91	998193	47.205	ug/l	99
90) Hexachloroethane	14.096	117	208091	45.793	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	467308	46.914	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	35673	52.370	ug/l	91
93) 1,2,4-Trichlorobenzene	15.143	180	289551	46.896	ug/l	99
94) Hexachlorobutadiene	15.249	225	156685	45.305	ug/l	98
95) Naphthalene	15.379	128	573607	47.812	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	253285	47.002	ug/l	99

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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

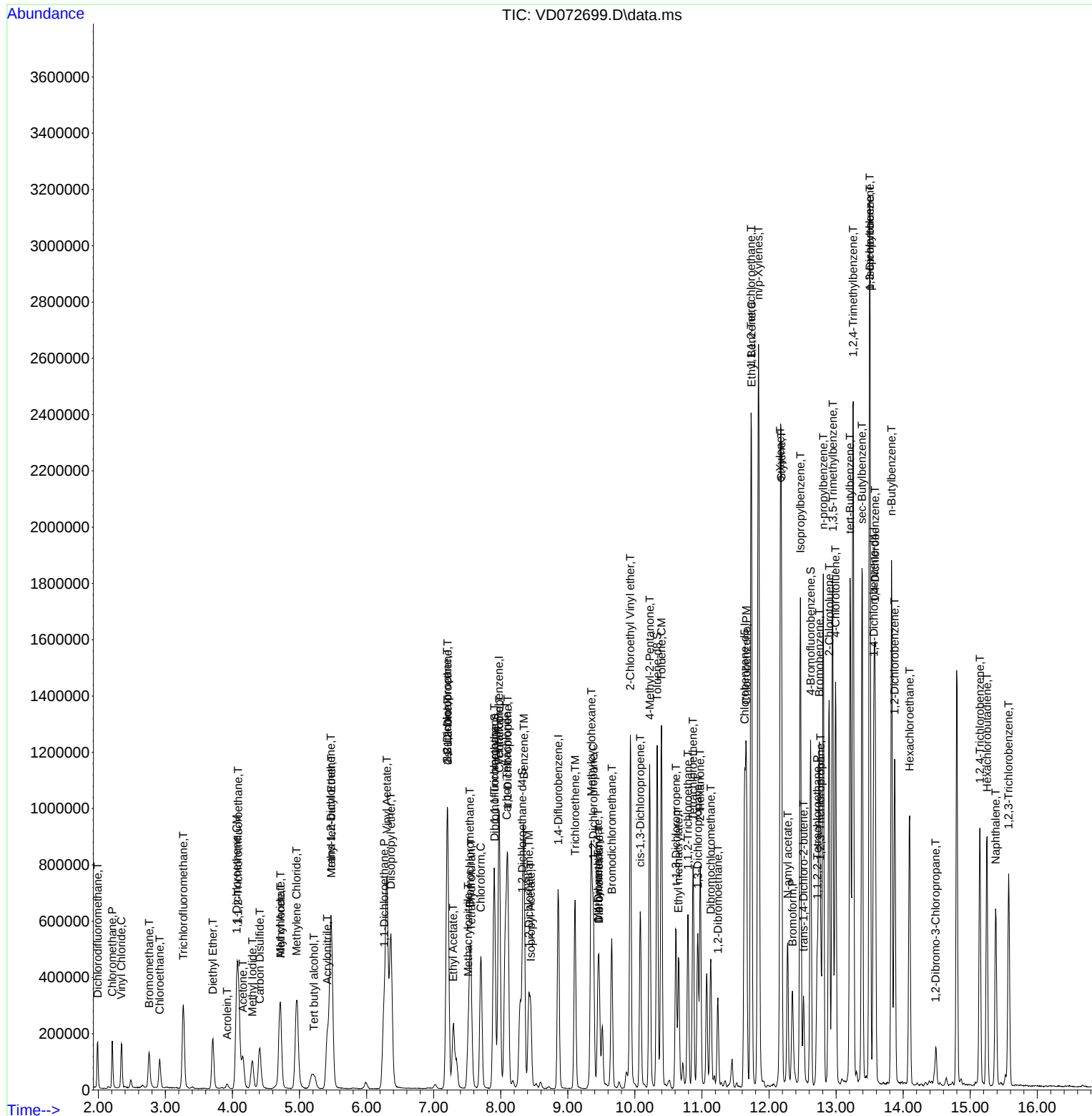
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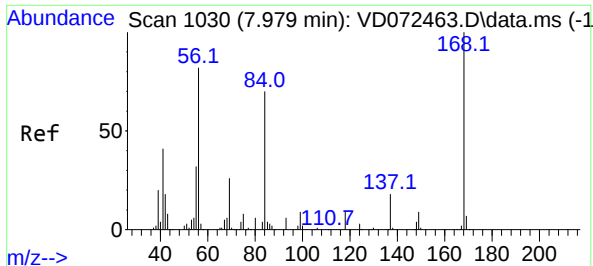
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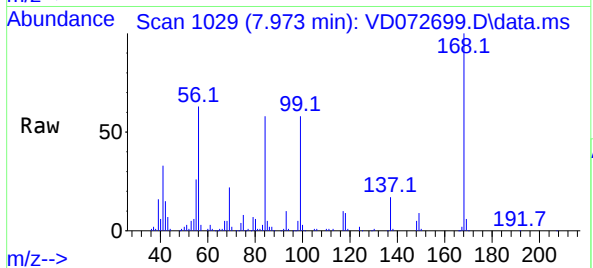
Reviewed By :John Carlone 04/25/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
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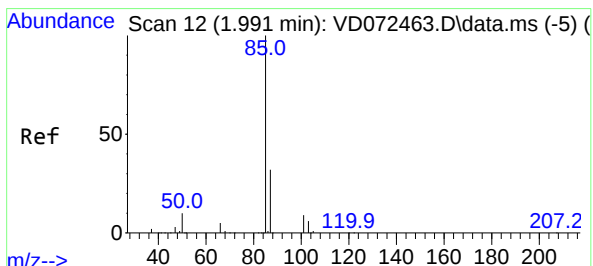
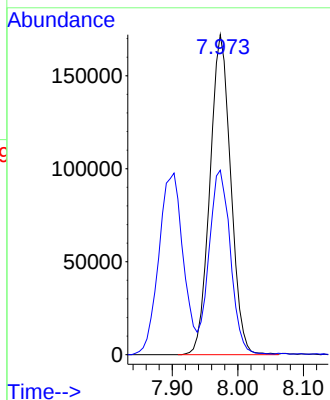
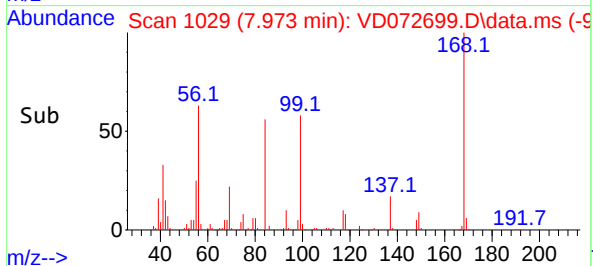
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 37996
Ion Ratio Lower Upper
168 100
99 57.2 49.8 74.6

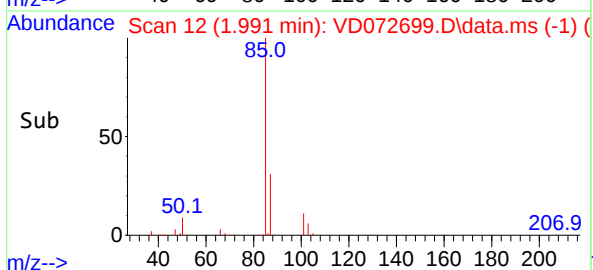
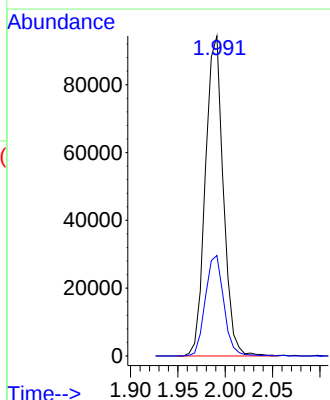
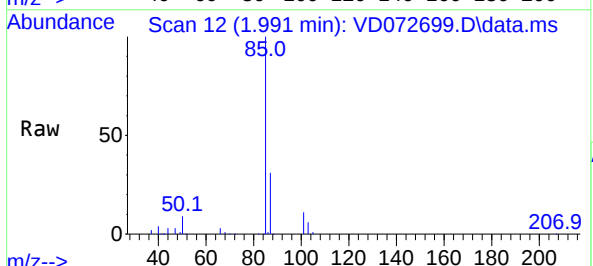
Manual Integrations
APPROVED

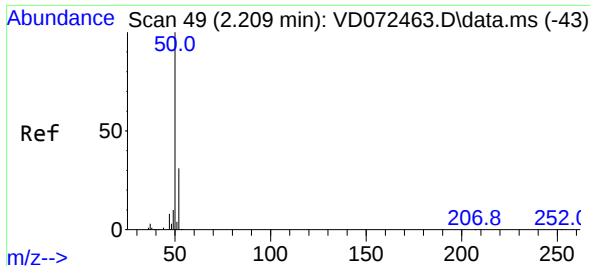
Reviewed By :John Carlone 04/25/2022
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#2
Dichlorodifluoromethane
Concen: 41.170 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

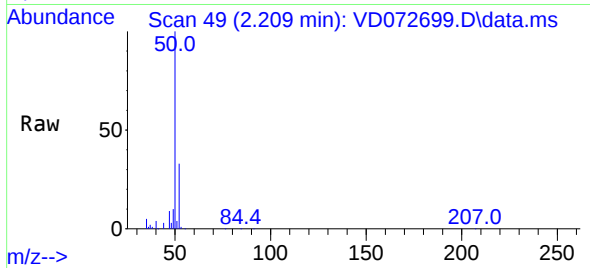
Tgt Ion: 85 Resp: 124150
Ion Ratio Lower Upper
85 100
87 31.4 15.7 47.0





#3
Chloromethane
Concen: 47.971 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

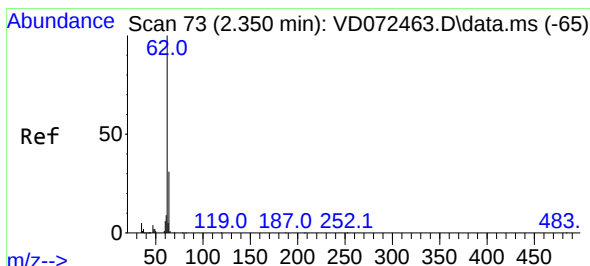
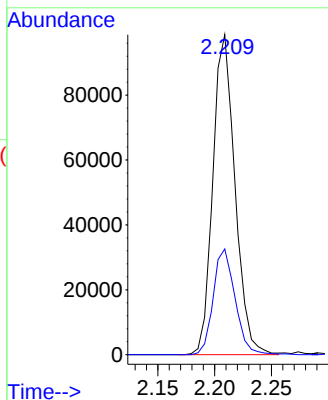
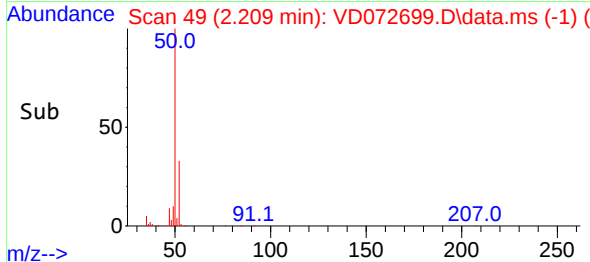
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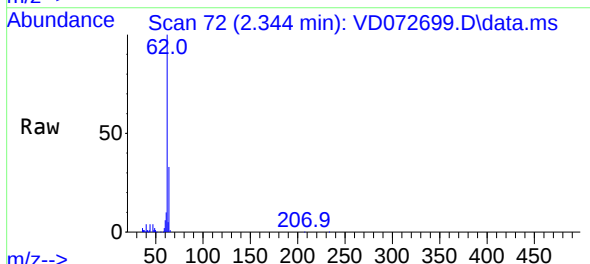
Tgt Ion: 50 Resp: 133800
Ion Ratio Lower Upper
50 100
52 33.1 27.4 41.0

Manual Integrations
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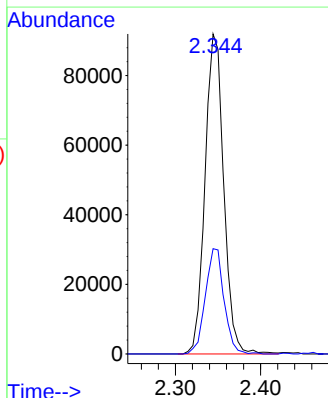
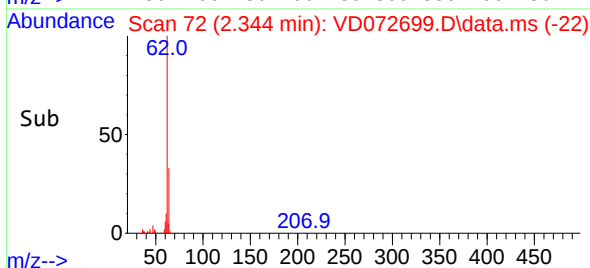
Reviewed By :John Carlone 04/25/2022
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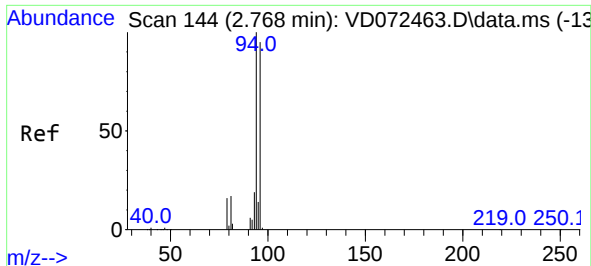


#4
Vinyl Chloride
Concen: 43.817 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36



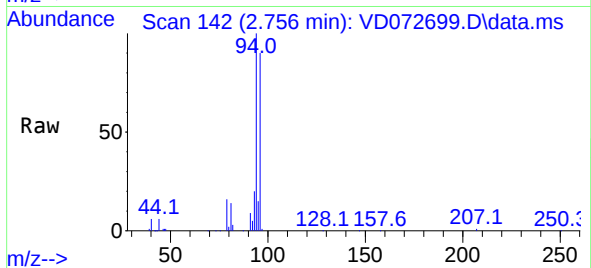
Tgt Ion: 62 Resp: 140090
Ion Ratio Lower Upper
62 100
64 32.9 25.4 38.0





#5
Bromomethane
Concen: 44.881 ug/l
RT: 2.756 min Scan# 144
Delta R.T. -0.012 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

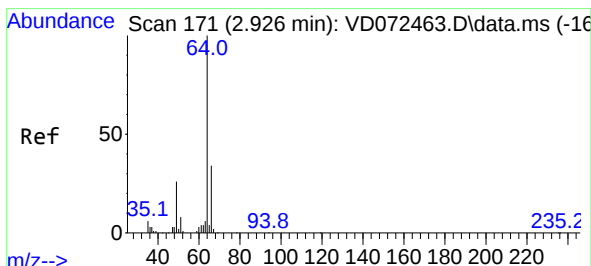
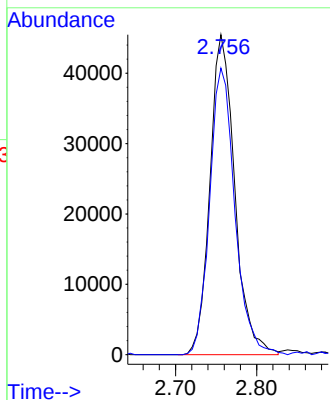
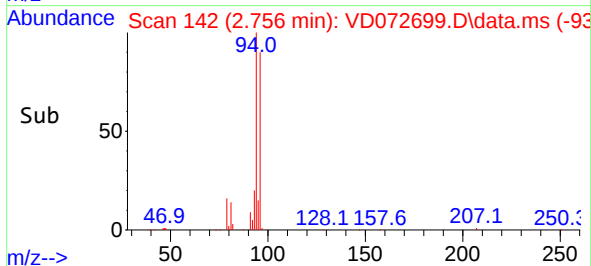
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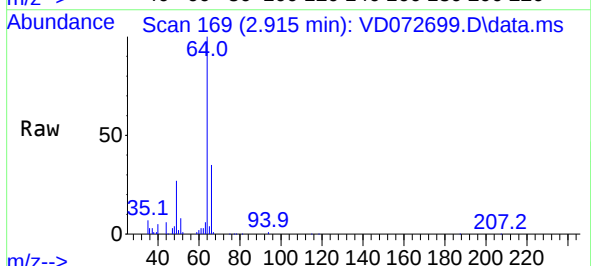
Tgt Ion: 94 Resp: 96463
Ion Ratio Lower Upper
94 100
96 89.6 77.6 116.4

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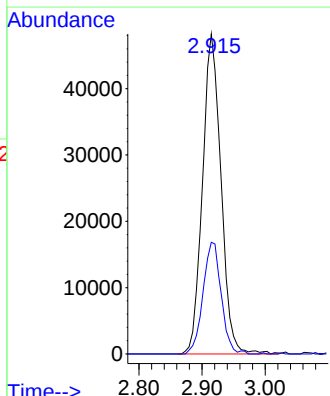
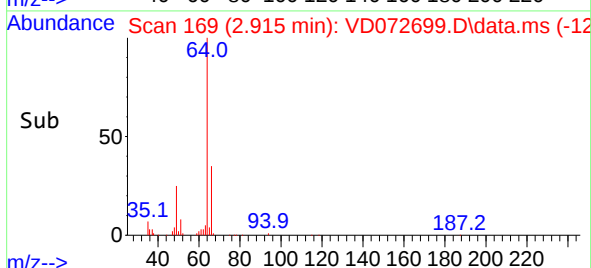
Reviewed By :John Carlone 04/25/2022
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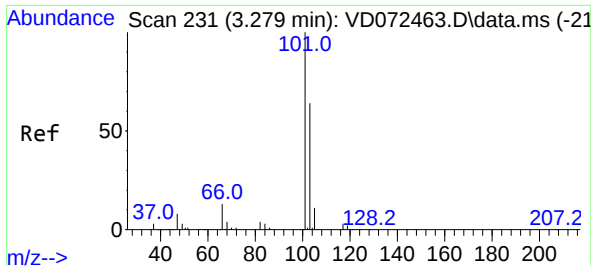


#6
Chloroethane
Concen: 47.774 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.012 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36



Tgt Ion: 64 Resp: 98145
Ion Ratio Lower Upper
64 100
66 34.9 25.9 38.9





#7

Trichlorofluoromethane

Concen: 48.562 ug/l

RT: 3.268 min Scan# 21

Delta R.T. -0.012 min

Lab File: VD072699.D

Acq: 22 Apr 2022 17:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:101 Resp: 31786

Ion Ratio Lower Upper

101 100

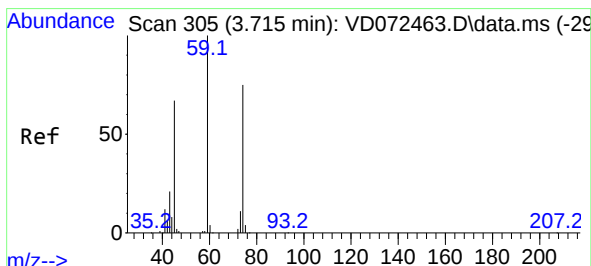
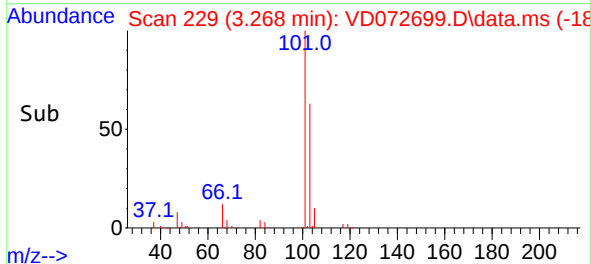
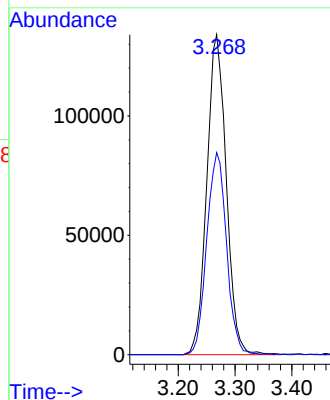
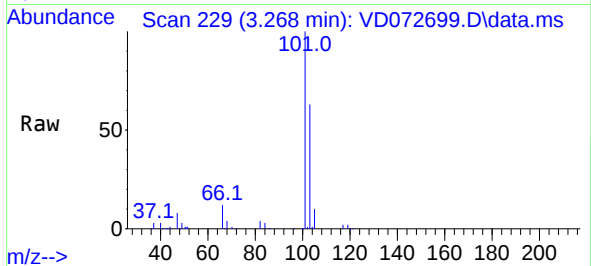
103 63.2 50.1 75.1

Manual Integrations

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#8

Diethyl Ether

Concen: 49.980 ug/l

RT: 3.709 min Scan# 304

Delta R.T. -0.006 min

Lab File: VD072699.D

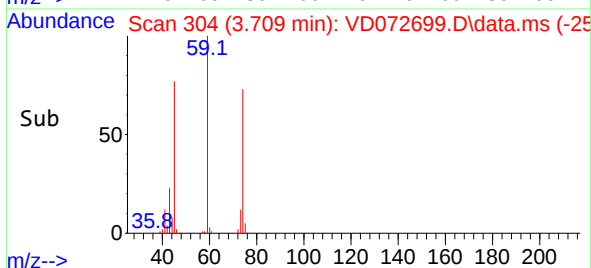
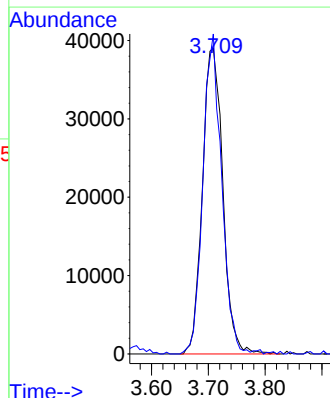
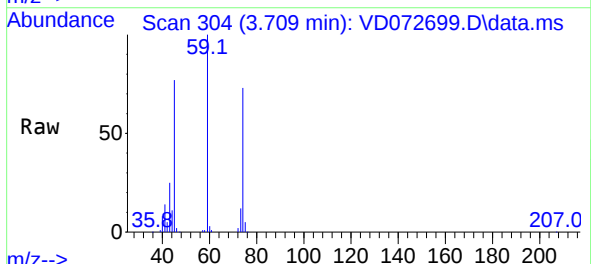
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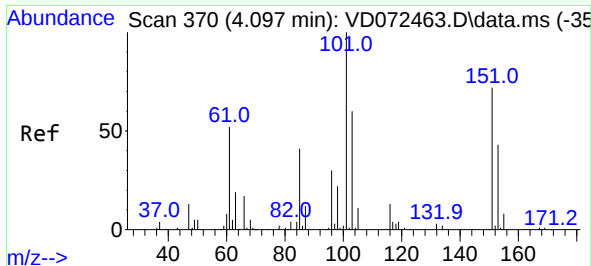
Tgt Ion: 74 Resp: 97217

Ion Ratio Lower Upper

74 100

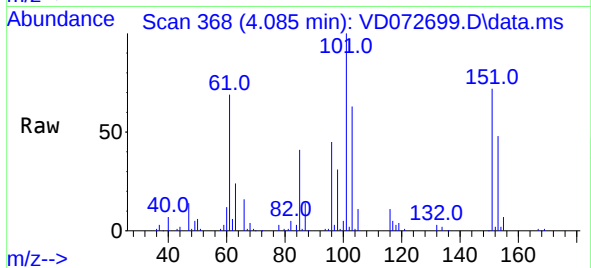
45 95.8 52.6 157.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.192 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.012 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

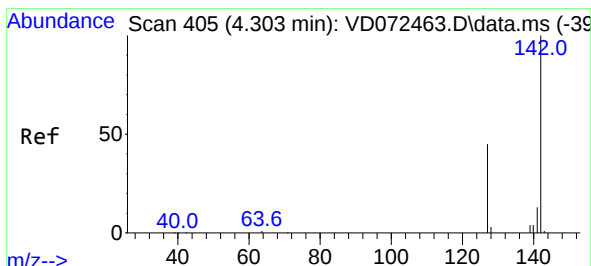
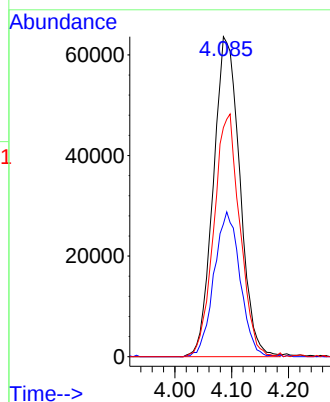
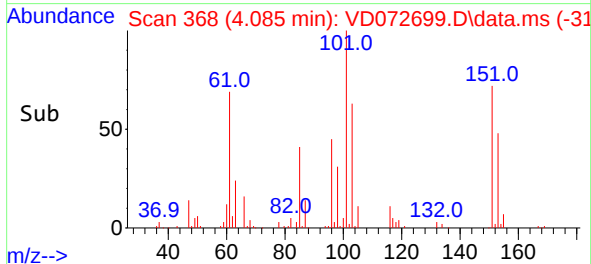
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



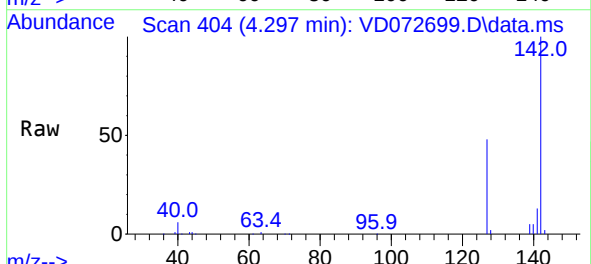
Tgt Ion:101 Resp: 206004
Ion Ratio Lower Upper
101 100
85 44.5 36.4 54.6
151 74.5 57.3 85.9

Manual Integrations
APPROVED

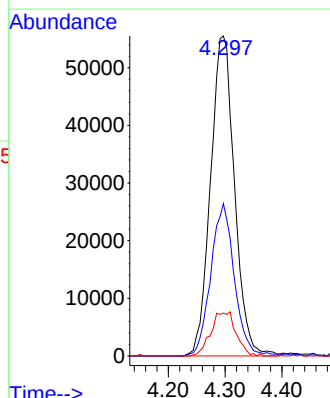
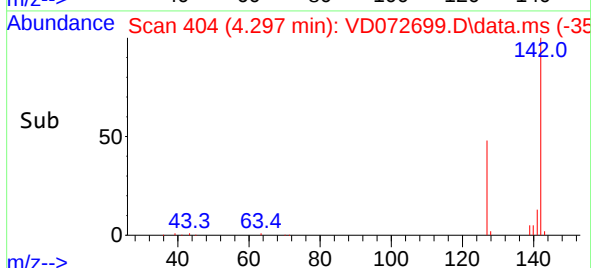
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

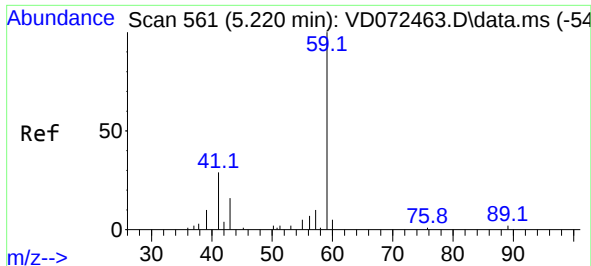


#10
Methyl Iodide
Concen: 40.749 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36



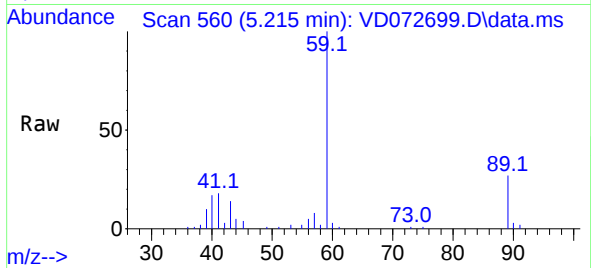
Tgt Ion:142 Resp: 162769
Ion Ratio Lower Upper
142 100
127 46.9 37.3 55.9
141 14.4 11.7 17.5





#11
Tert butyl alcohol
Concen: 444.339 ug/l
RT: 5.215 min Scan# 50
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

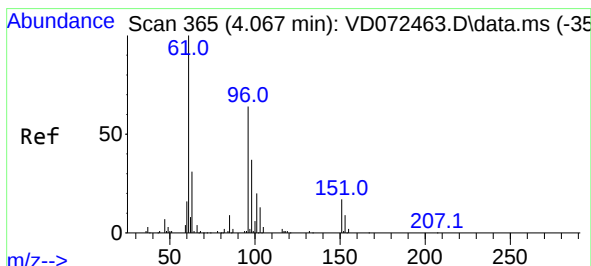
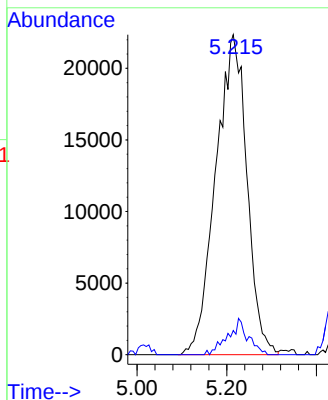
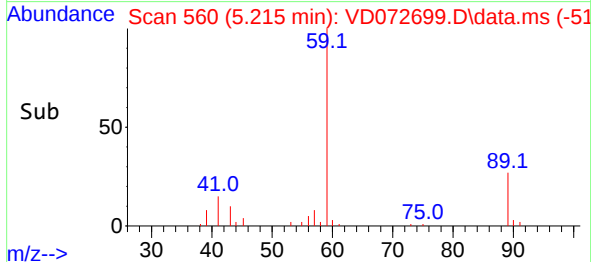
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



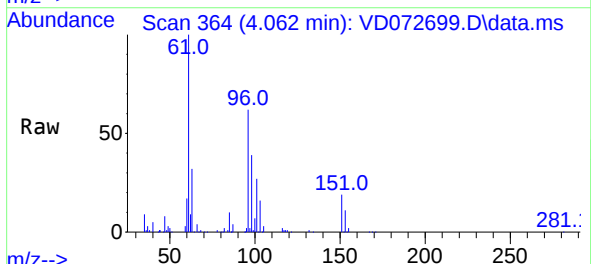
Tgt Ion: 59 Resp: 107850
Ion Ratio Lower Upper
59 100
57 7.3 7.8 11.6

Manual Integrations
APPROVED

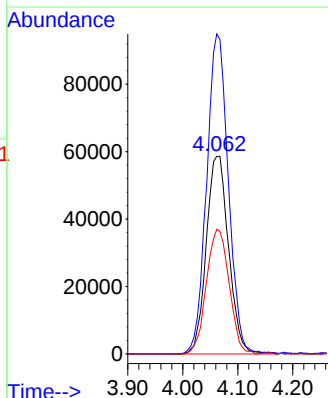
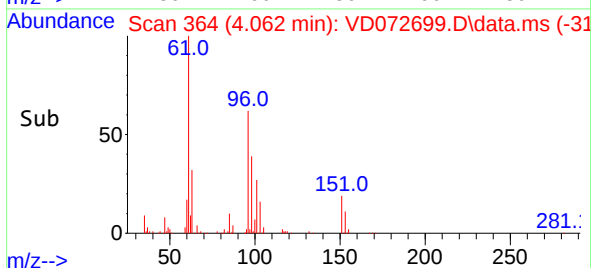
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#12
1,1-Dichloroethene
Concen: 48.581 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36



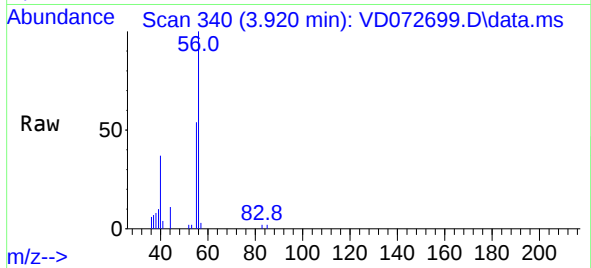
Tgt Ion: 96 Resp: 165797
Ion Ratio Lower Upper
96 100
61 161.9 138.5 207.7
98 63.1 48.6 73.0





#13
Acrolein
Concen: 178.218 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

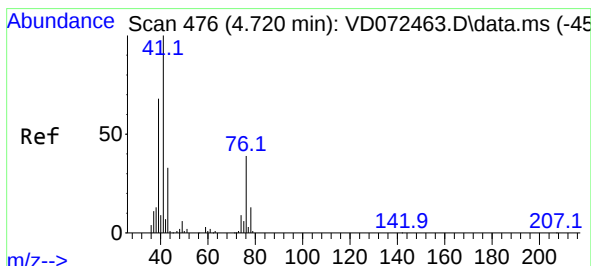
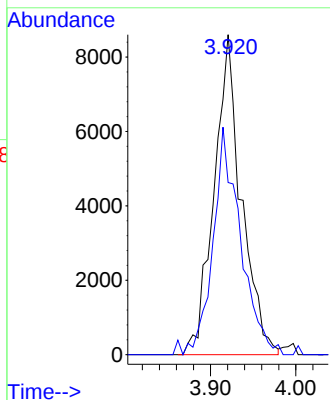
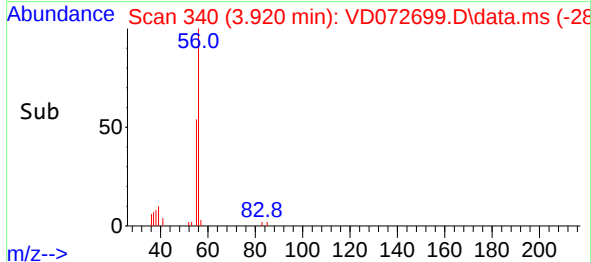
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 1919
Ion Ratio Lower Upper
56 100
55 70.8 57.1 85.7

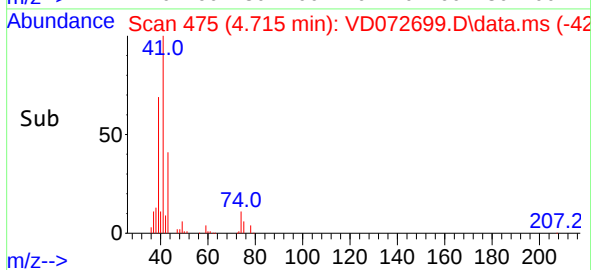
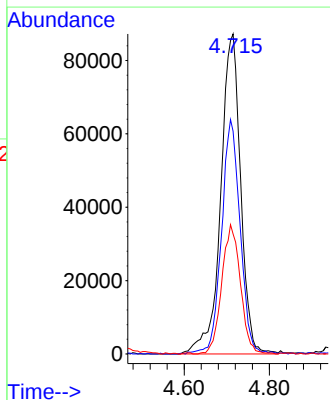
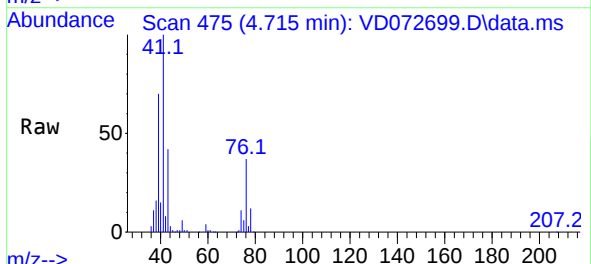
Manual Integrations
APPROVED

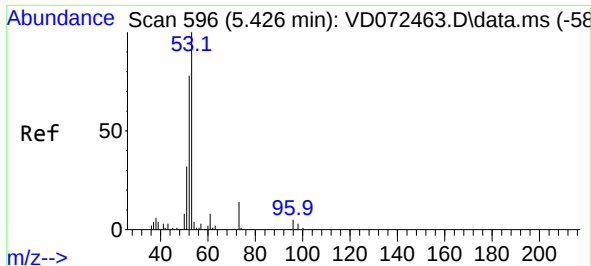
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#14
Allyl chloride
Concen: 47.275 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.005 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

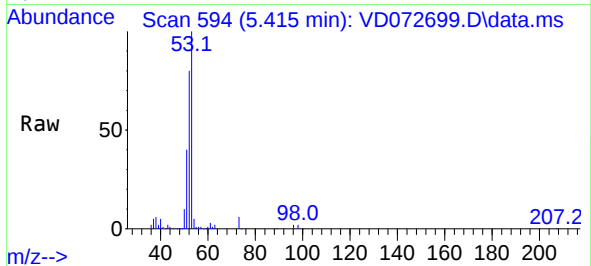
Tgt Ion: 41 Resp: 282935
Ion Ratio Lower Upper
41 100
39 68.4 59.3 88.9
76 37.8 25.7 38.5





#15
Acrylonitrile
Concen: 261.888 ug/l
RT: 5.415 min Scan# 594
Delta R.T. -0.012 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

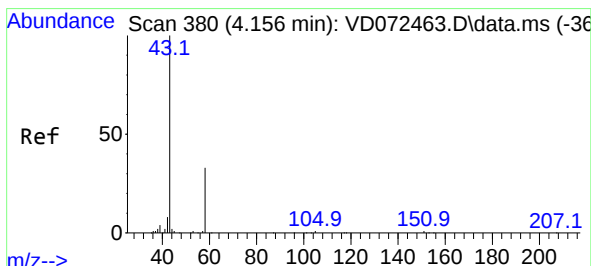
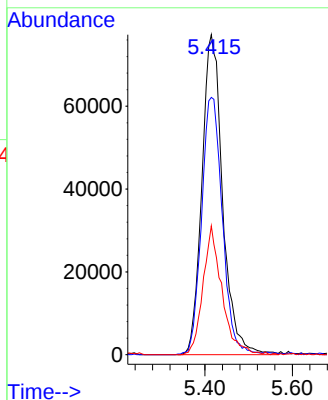
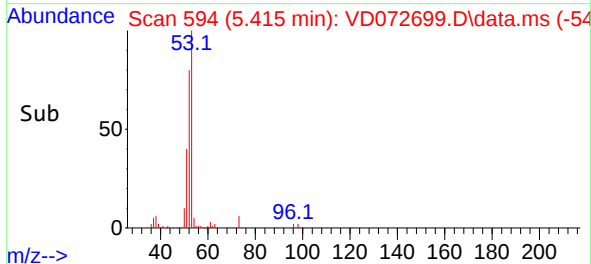
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



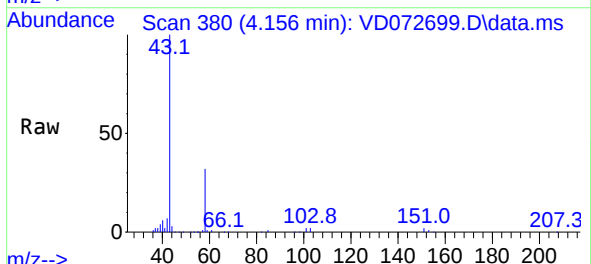
Tgt Ion: 53 Resp: 25475
Ion Ratio Lower Upper
53 100
52 80.6 67.2 100.8
51 36.9 30.3 45.5

Manual Integrations
APPROVED

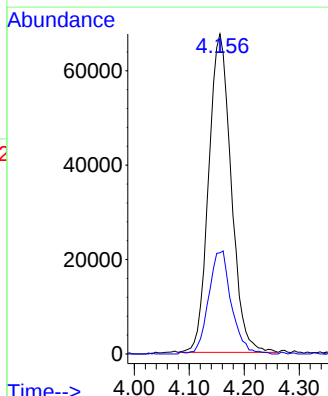
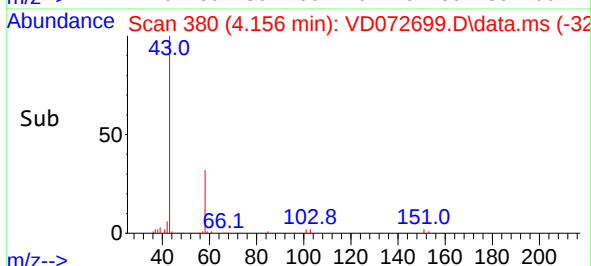
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

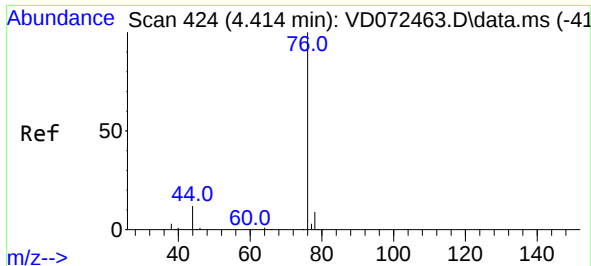


#16
Acetone
Concen: 223.830 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36



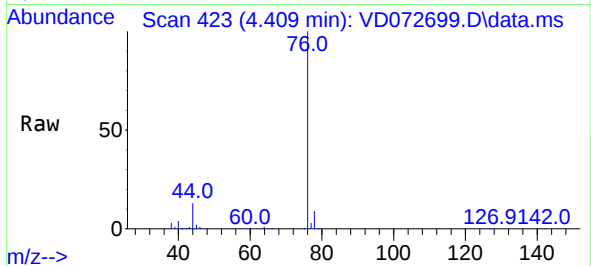
Tgt Ion: 43 Resp: 191841
Ion Ratio Lower Upper
43 100
58 31.8 22.1 33.1





#17
Carbon Disulfide
Concen: 42.341 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

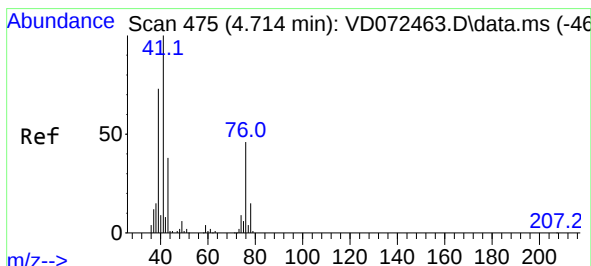
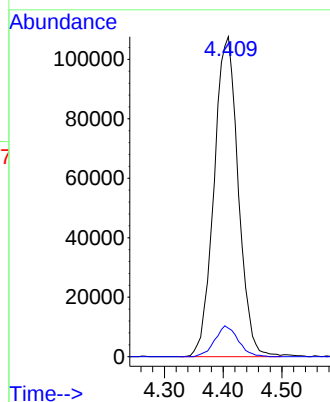
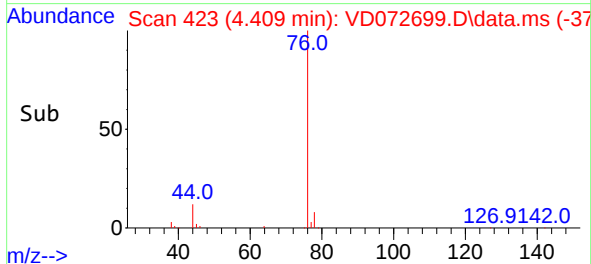
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



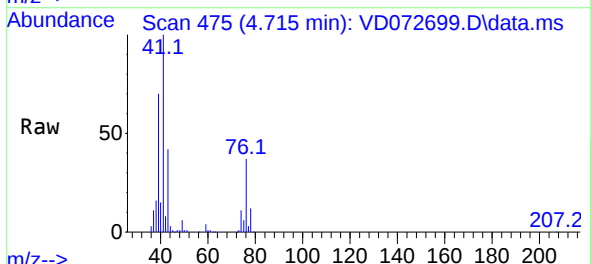
Tgt Ion: 76 Resp: 308529
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

Manual Integrations
APPROVED

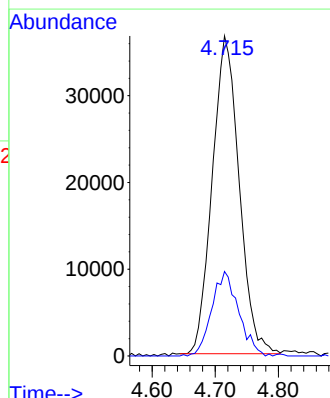
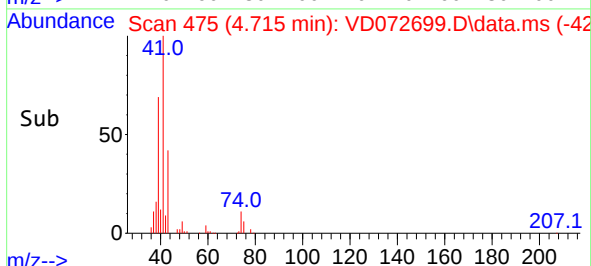
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

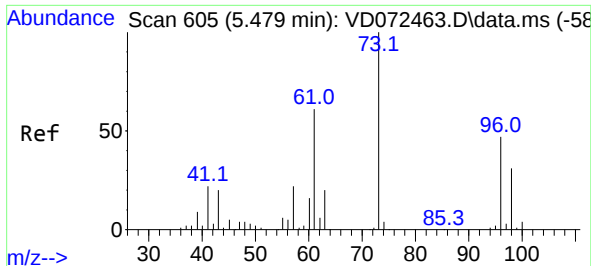


#18
Methyl Acetate
Concen: 44.867 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36



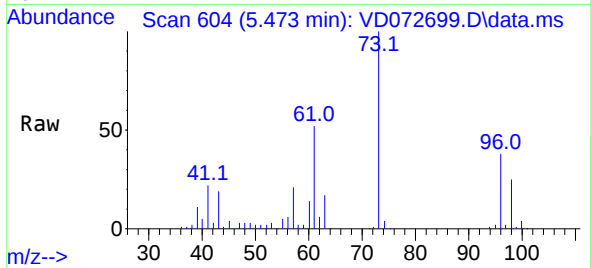
Tgt Ion: 43 Resp: 108337
Ion Ratio Lower Upper
43 100
74 26.5 16.7 25.1#





#19
Methyl tert-butyl Ether
Concen: 54.355 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

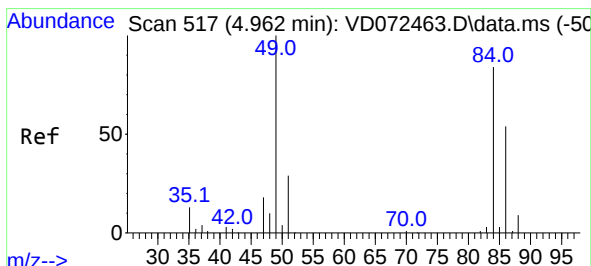
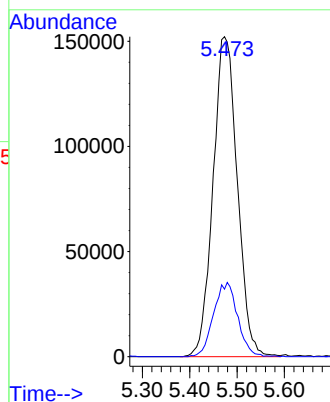
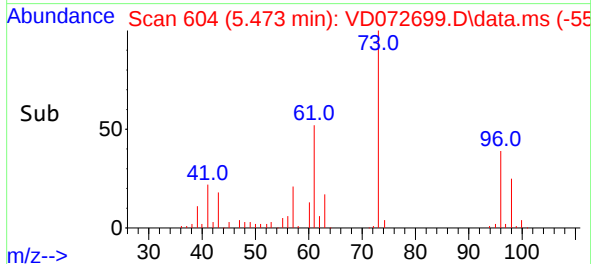
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



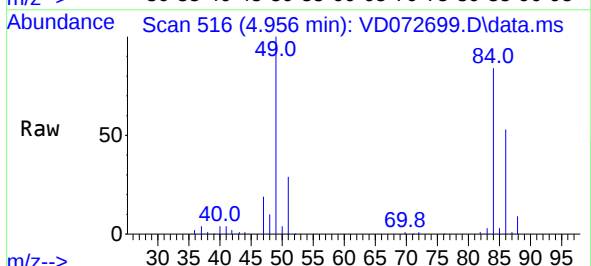
Tgt Ion: 73 Resp: 541439
Ion Ratio Lower Upper
73 100
57 21.1 18.0 27.0

Manual Integrations
APPROVED

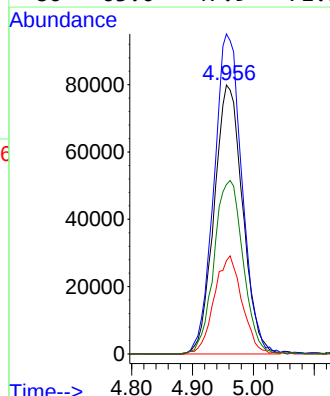
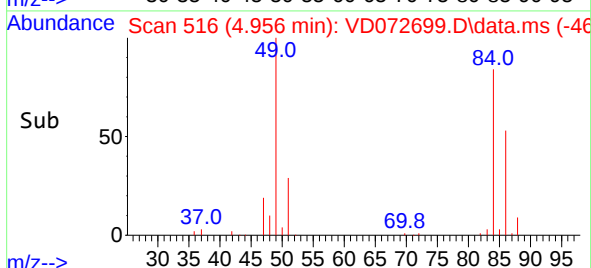
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

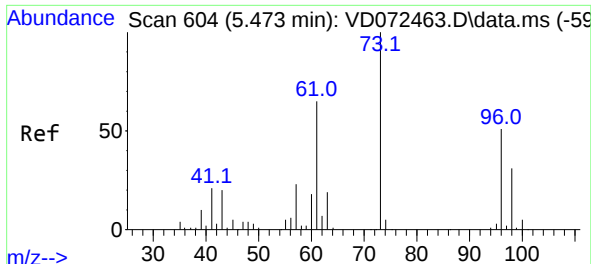


#20
Methylene Chloride
Concen: 50.908 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36



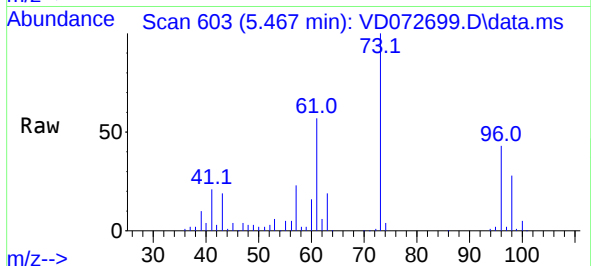
Tgt Ion: 84 Resp: 259756
Ion Ratio Lower Upper
84 100
49 119.0 112.8 169.2
51 34.7 32.6 48.8
86 63.0 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 45.785 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

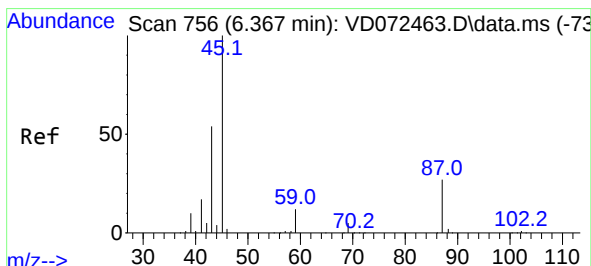
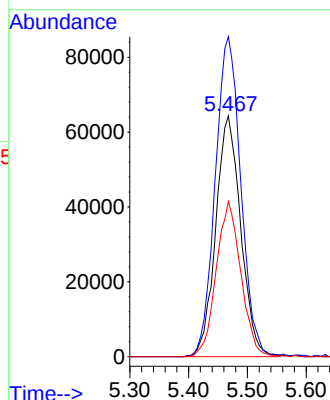
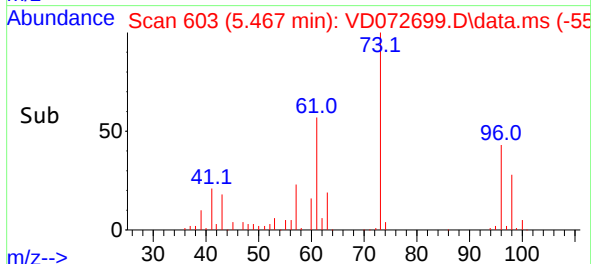
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



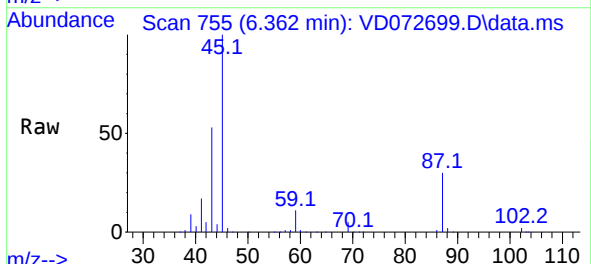
Tgt Ion: 96 Resp: 190449
Ion Ratio Lower Upper
96 100
61 132.9 117.9 176.9
98 64.5 49.4 74.2

Manual Integrations
APPROVED

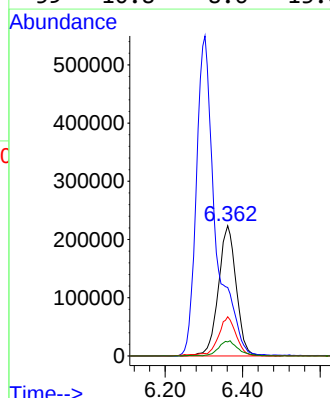
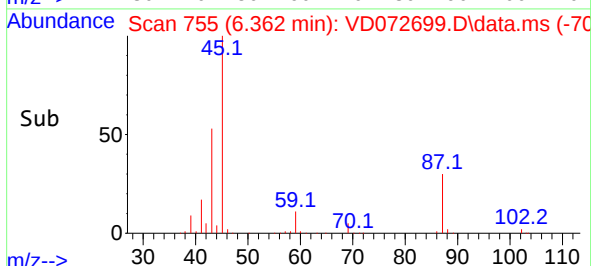
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

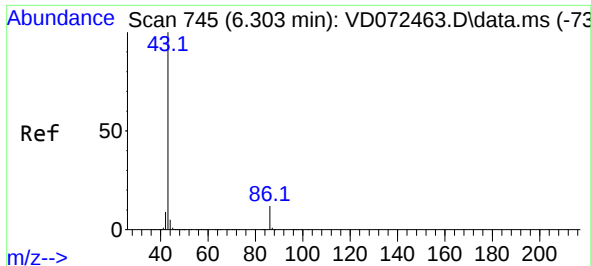


#22
Diisopropyl ether
Concen: 52.017 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36



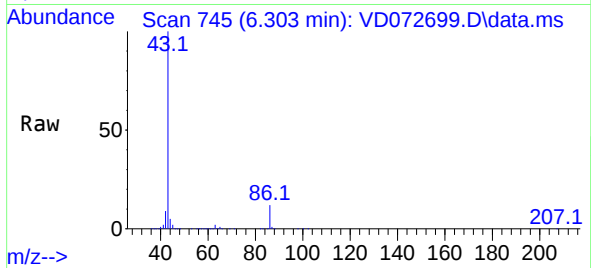
Tgt Ion: 45 Resp: 713237
Ion Ratio Lower Upper
45 100
43 52.0 46.6 70.0
87 29.9 18.4 27.6#
59 10.8 8.6 13.0





#23
 Vinyl Acetate
 Concen: 255.677 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072699.D
 Acq: 22 Apr 2022 17:36

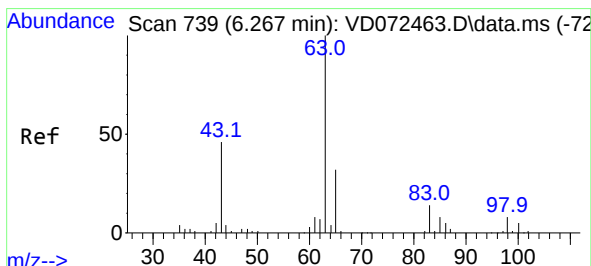
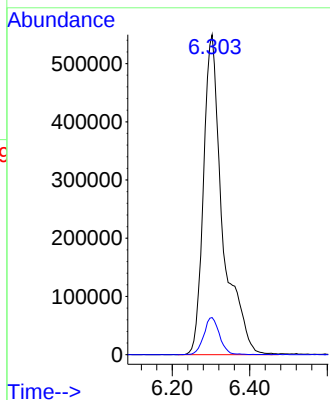
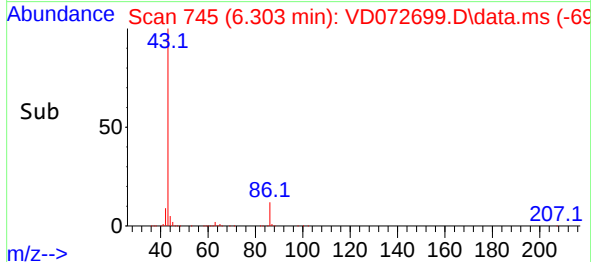
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



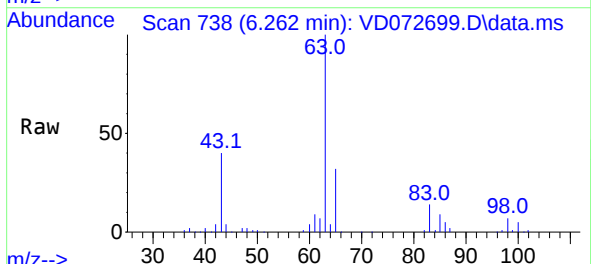
Tgt Ion: 43 Resp: 1886692
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.1 10.7

Manual Integrations
 APPROVED

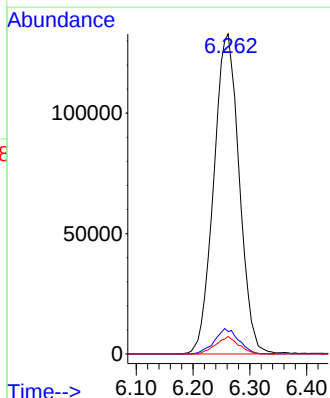
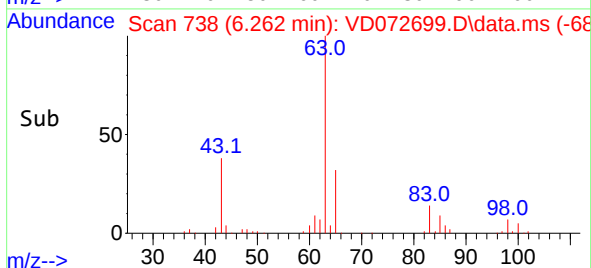
Reviewed By :John Carlone 04/25/2022
 Supervised By :Mahesh Dadoda 04/25/2022

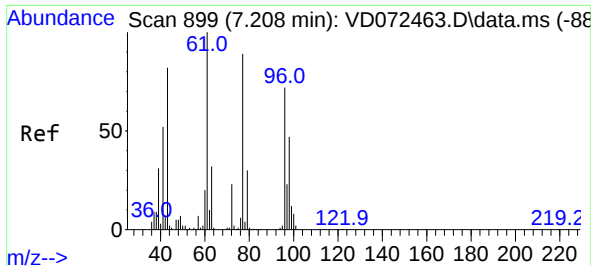


#24
 1,1-Dichloroethane
 Concen: 50.152 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD072699.D
 Acq: 22 Apr 2022 17:36



Tgt Ion: 63 Resp: 414381
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.9
 100 5.5 2.1 6.5





#25

2-Butanone

Concen: 264.524 ug/l

RT: 7.209 min Scan# 899

Delta R.T. 0.000 min

Lab File: VD072699.D

Acq: 22 Apr 2022 17:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 31355

Ion Ratio Lower Upper

43 100

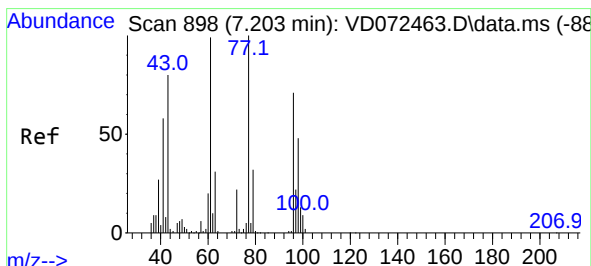
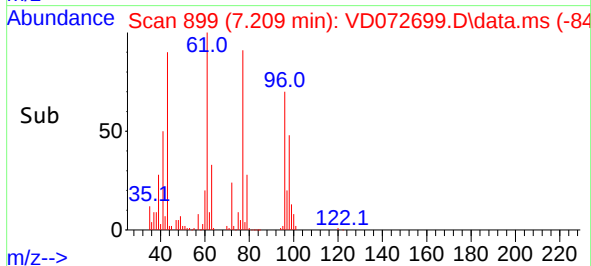
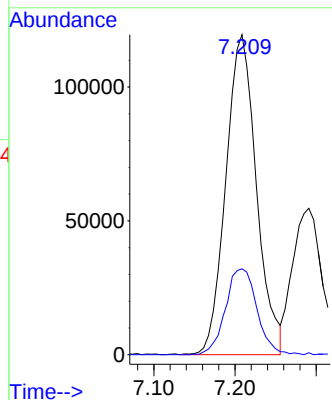
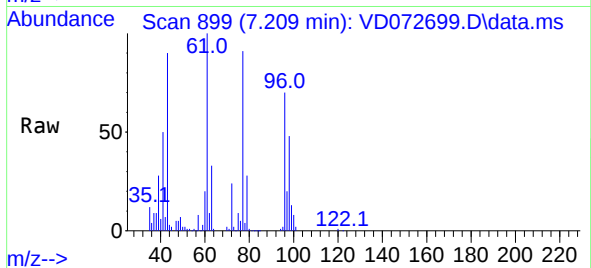
72 26.8 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#26

2,2-Dichloropropane

Concen: 49.430 ug/l

RT: 7.203 min Scan# 898

Delta R.T. 0.000 min

Lab File: VD072699.D

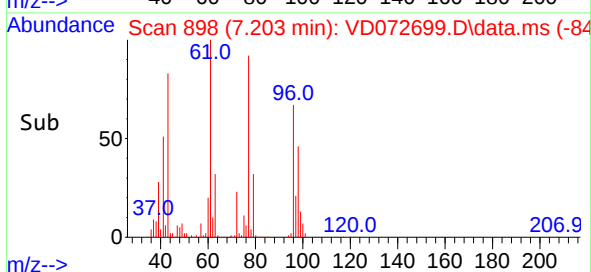
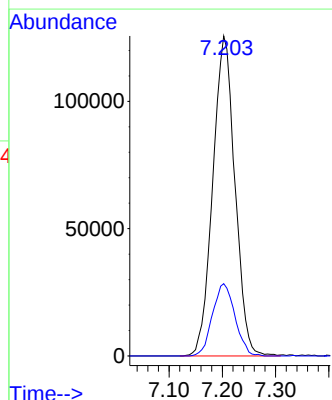
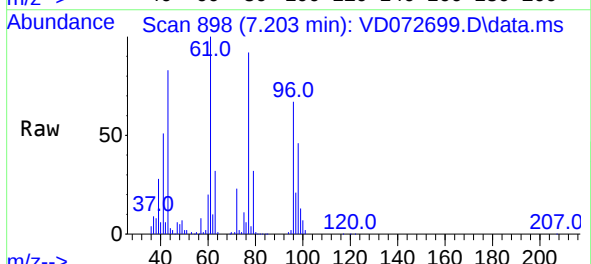
Acq: 22 Apr 2022 17:36

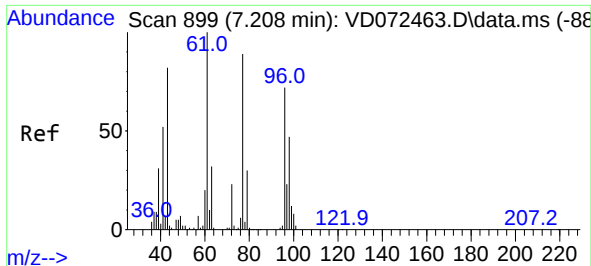
Tgt Ion: 77 Resp: 362765

Ion Ratio Lower Upper

77 100

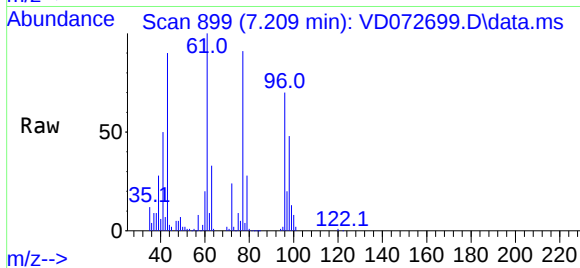
97 22.9 10.8 32.4





#27
cis-1,2-Dichloroethene
Concen: 49.486 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

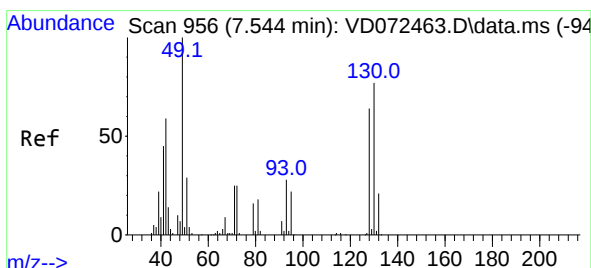
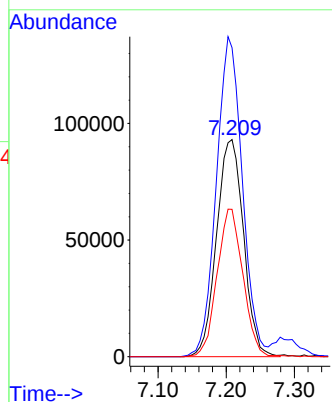
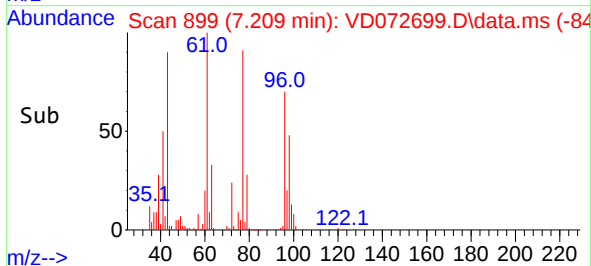
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



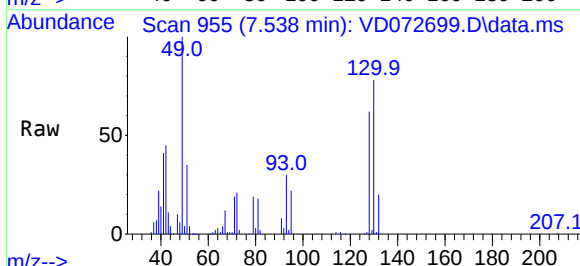
Tgt Ion: 96 Resp: 25642
Ion Ratio Lower Upper
96 100
61 142.2 0.0 313.8
98 65.2 0.0 128.8

Manual Integrations
APPROVED

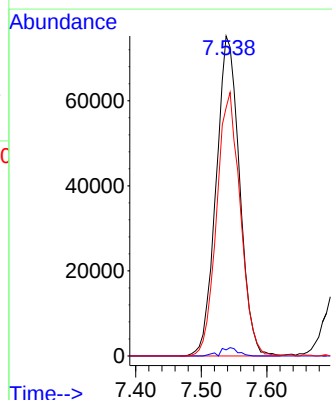
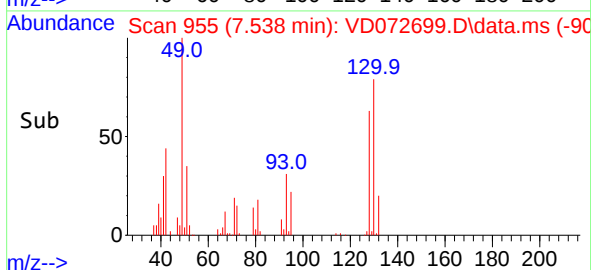
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

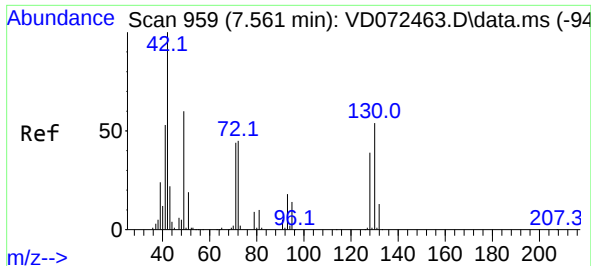


#28
Bromochloromethane
Concen: 52.674 ug/l
RT: 7.538 min Scan# 955
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36



Tgt Ion: 49 Resp: 186480
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 83.0 52.6 79.0#





#29

Tetrahydrofuran

Concen: 268.678 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD072699.D

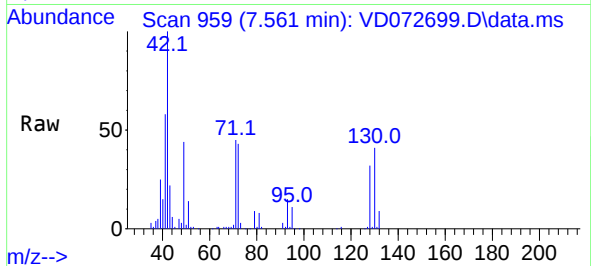
Acq: 22 Apr 2022 17:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 19228

Ion Ratio Lower Upper

42 100

72 45.9 30.7 46.1

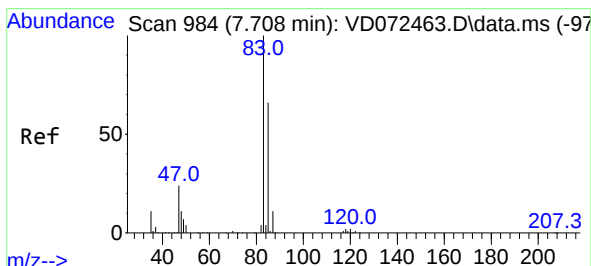
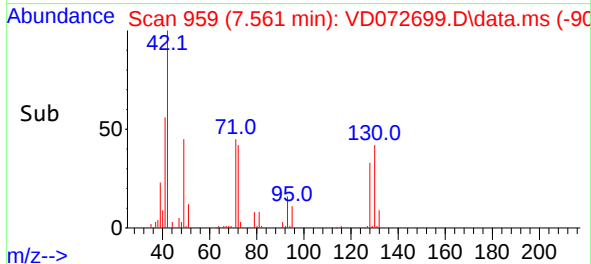
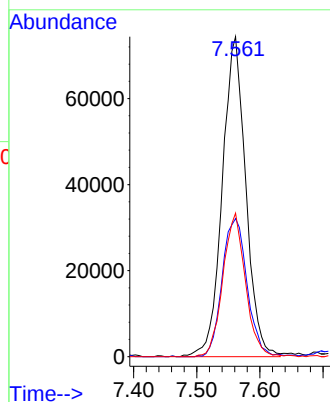
71 43.0 28.6 43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#30

Chloroform

Concen: 49.294 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.006 min

Lab File: VD072699.D

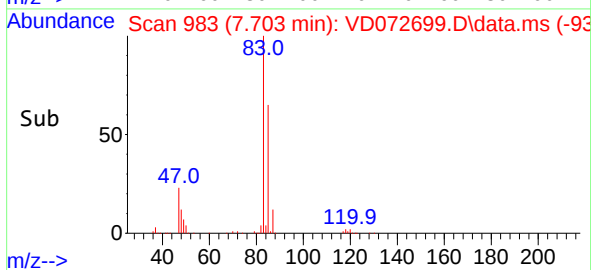
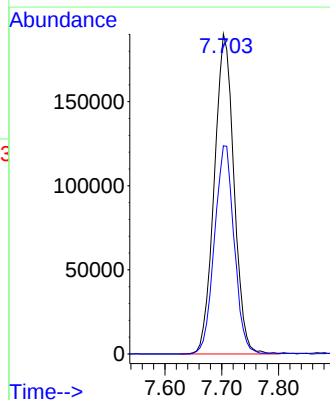
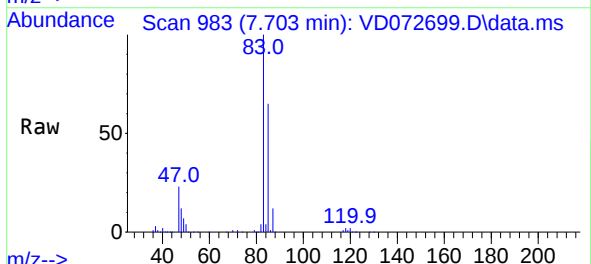
Acq: 22 Apr 2022 17:36

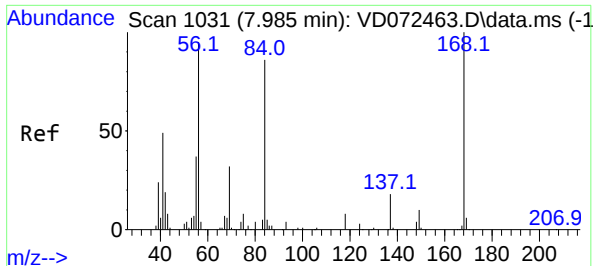
Tgt Ion: 83 Resp: 458159

Ion Ratio Lower Upper

83 100

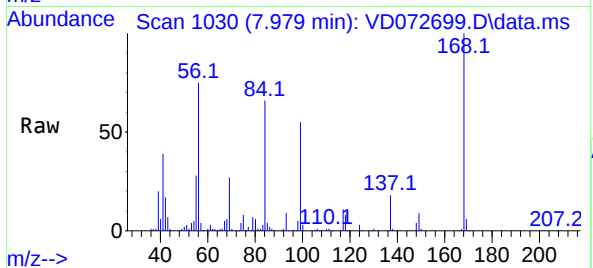
85 65.1 52.7 79.1





#31
Cyclohexane
Concen: 49.036 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

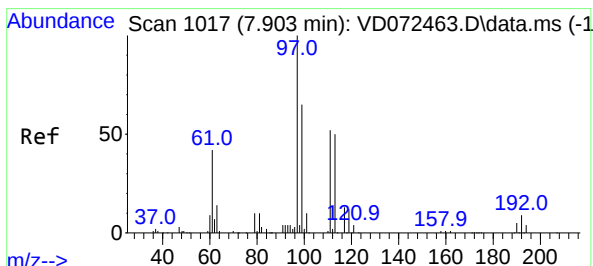
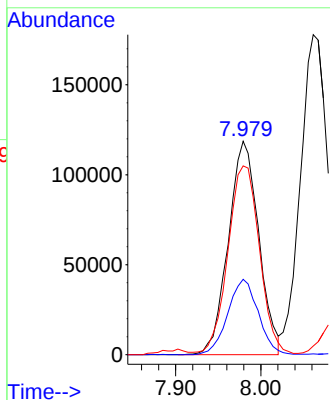
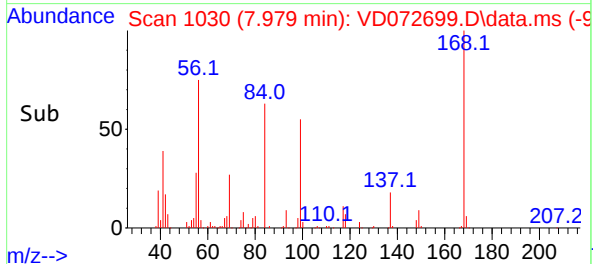
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



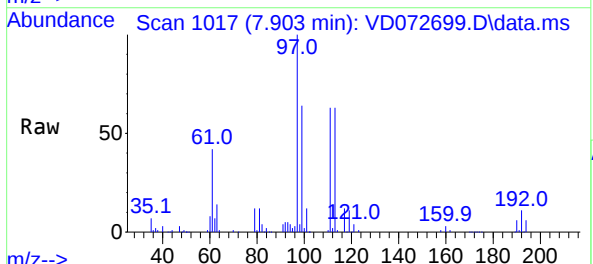
Tgt Ion: 56 Resp: 29471
Ion Ratio Lower Upper
56 100
69 35.3 25.4 38.2
84 85.8 63.0 94.4

Manual Integrations
APPROVED

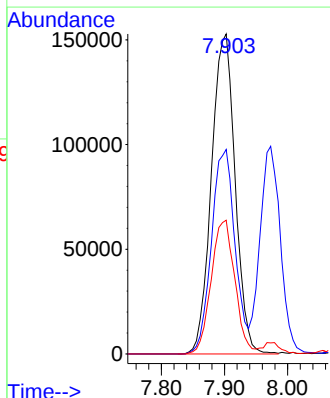
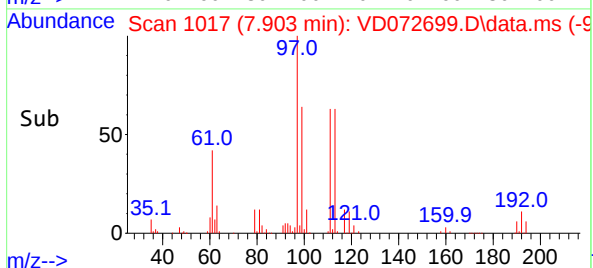
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

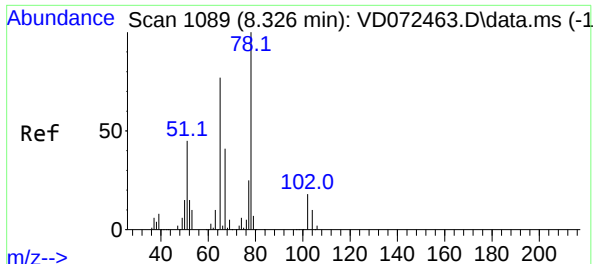


#32
1,1,1-Trichloroethane
Concen: 50.637 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36



Tgt Ion: 97 Resp: 399178
Ion Ratio Lower Upper
97 100
99 63.6 52.4 78.6
61 41.7 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 50.708 ug/l

RT: 8.320 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VD072699.D

Acq: 22 Apr 2022 17:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 233078

Ion Ratio Lower Upper

65 100

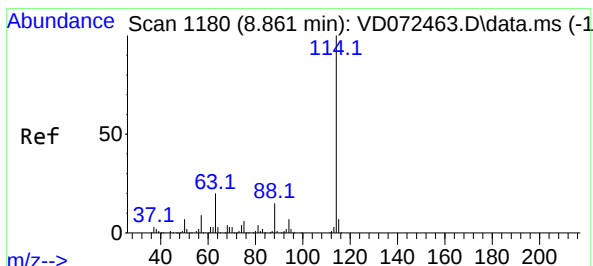
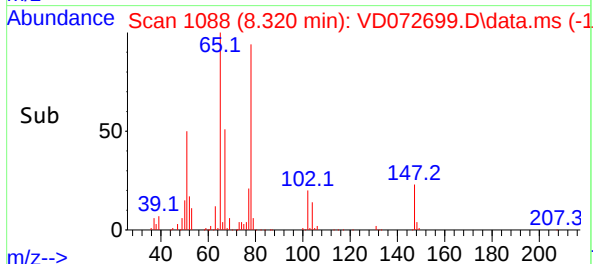
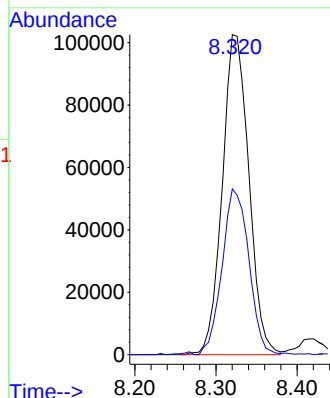
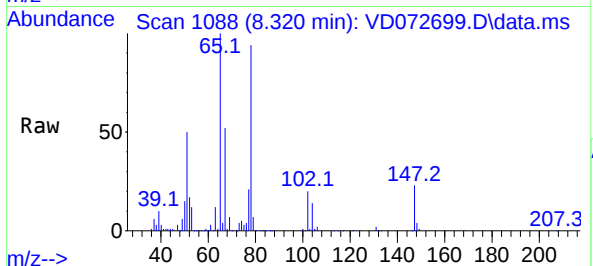
67 52.3 0.0 101.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072699.D

Acq: 22 Apr 2022 17:36

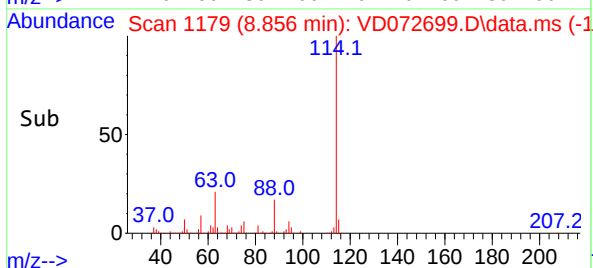
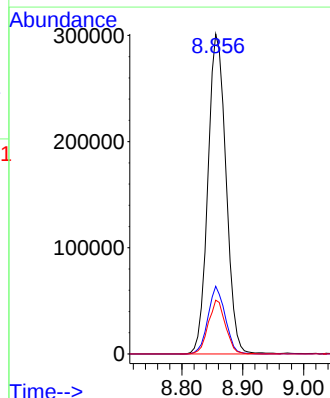
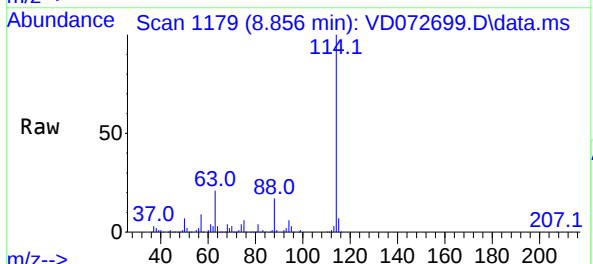
Tgt Ion:114 Resp: 621425

Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

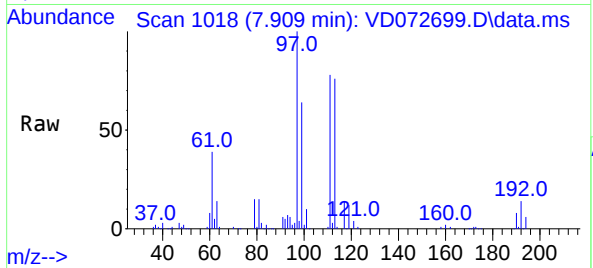
88 16.8 0.0 33.2





#35
Dibromofluoromethane
Concen: 49.885 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

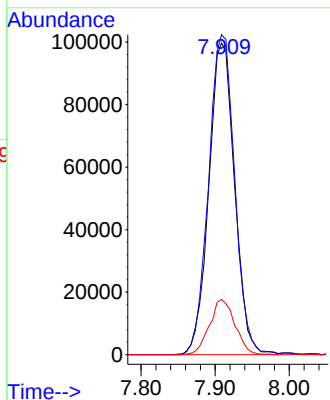
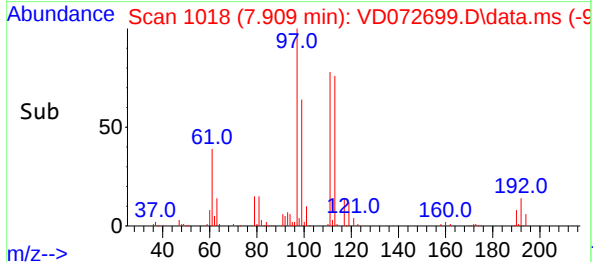
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



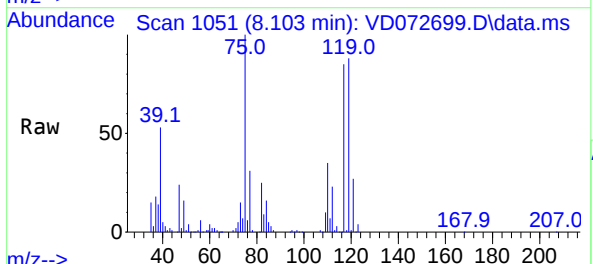
Tgt Ion:113 Resp: 240910
Ion Ratio Lower Upper
113 100
111 104.1 83.8 125.6
192 17.5 14.6 21.8

Manual Integrations
APPROVED

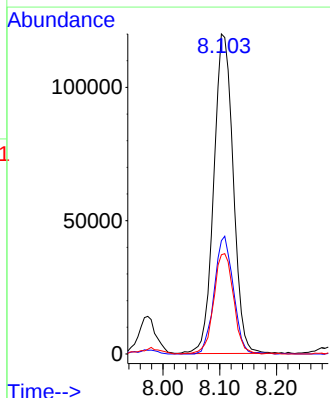
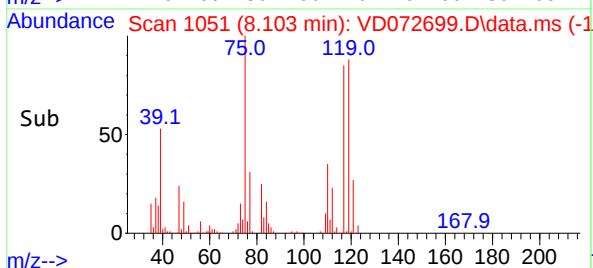
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

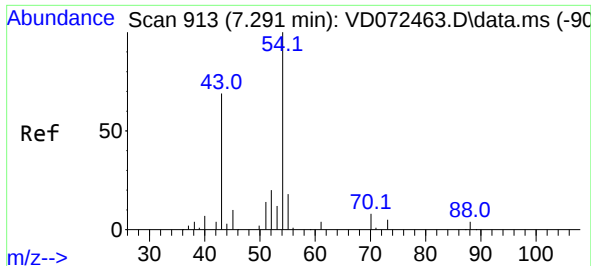


#36
1,1-Dichloropropene
Concen: 46.333 ug/l
RT: 8.103 min Scan# 1051
Delta R.T. -0.005 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36



Tgt Ion: 75 Resp: 285427
Ion Ratio Lower Upper
75 100
110 36.0 16.4 49.1
77 32.0 24.2 36.2





#37

Ethyl Acetate

Concen: 54.848 ug/l

RT: 7.291 min Scan# 913

Delta R.T. 0.000 min

Lab File: VD072699.D

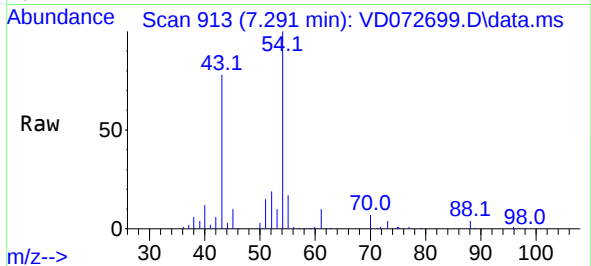
Acq: 22 Apr 2022 17:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 14035

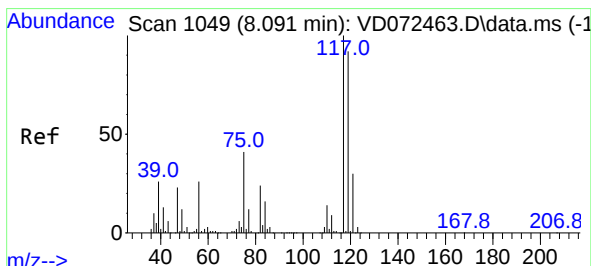
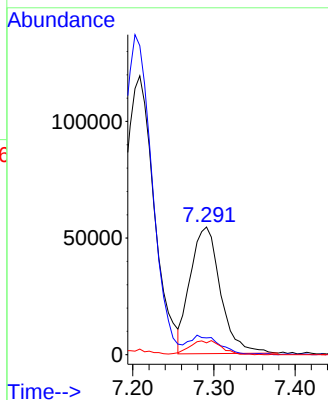
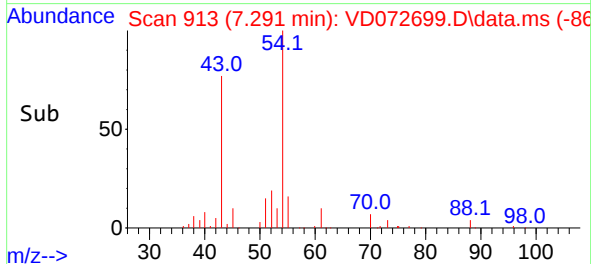
Ion	Ratio	Lower	Upper
43	100		
61	14.0	9.8	14.8
70	11.7	6.9	10.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#38

Carbon Tetrachloride

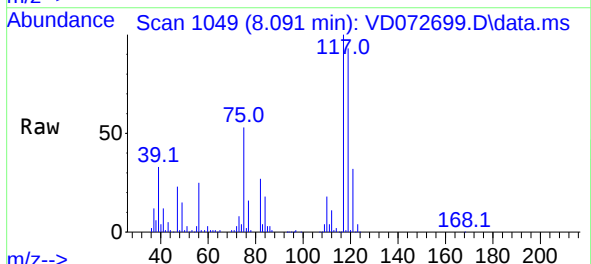
Concen: 50.330 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. 0.000 min

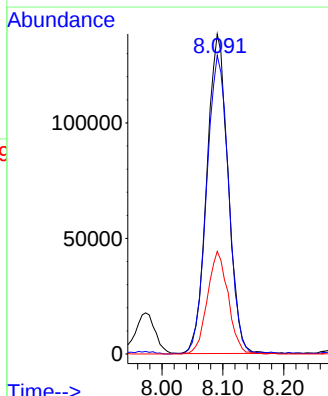
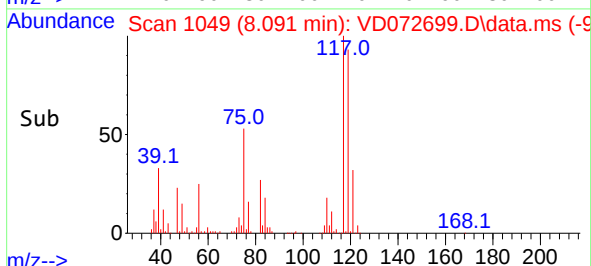
Lab File: VD072699.D

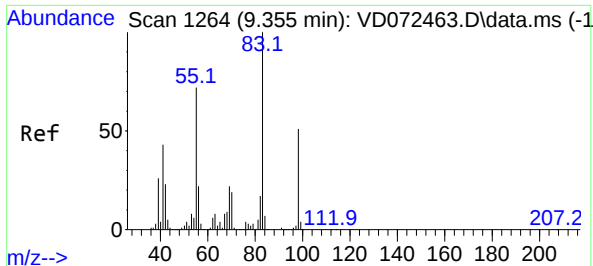
Acq: 22 Apr 2022 17:36



Tgt Ion:117 Resp: 334857

Ion	Ratio	Lower	Upper
117	100		
119	93.3	75.8	113.6
121	32.1	24.5	36.7





#39

Methylcyclohexane

Concen: 49.070 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD072699.D

Acq: 22 Apr 2022 17:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 352274

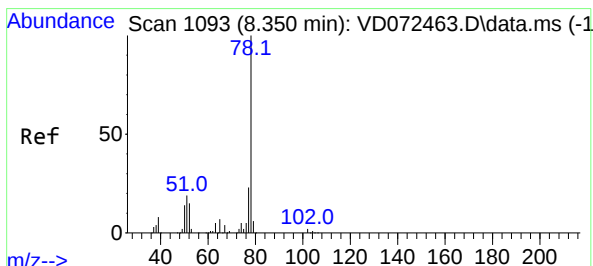
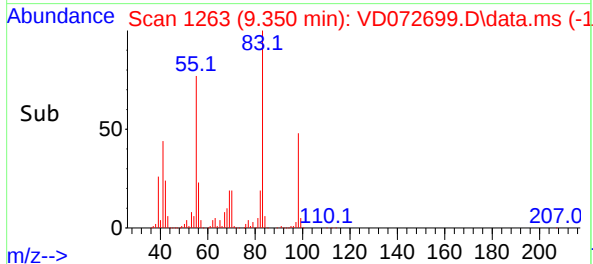
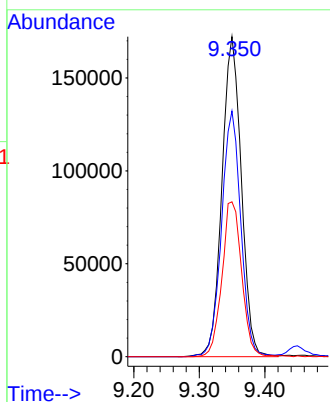
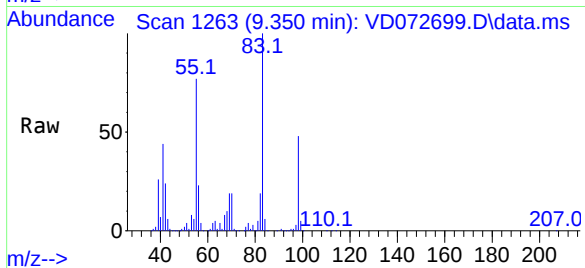
Ion	Ratio	Lower	Upper
83	100		
55	76.8	63.2	94.8
98	48.4	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#40

Benzene

Concen: 50.840 ug/l

RT: 8.344 min Scan# 1092

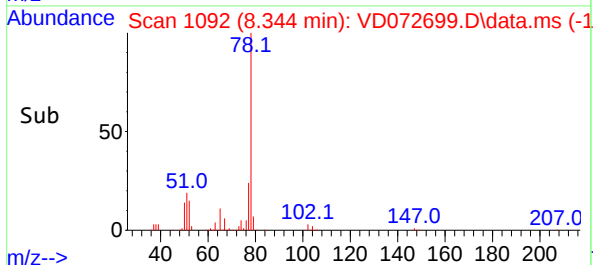
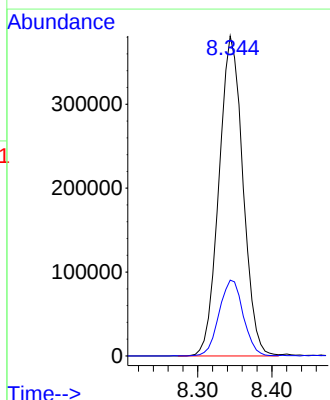
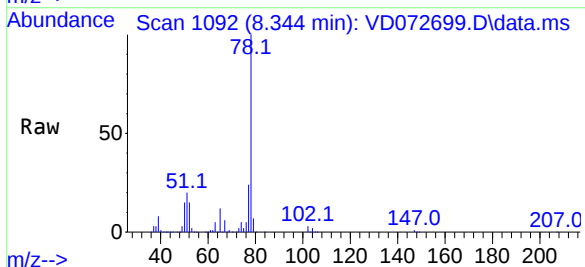
Delta R.T. -0.006 min

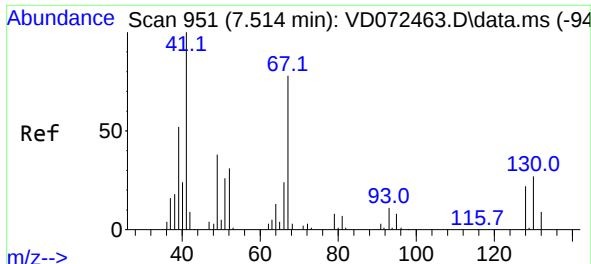
Lab File: VD072699.D

Acq: 22 Apr 2022 17:36

Tgt Ion: 78 Resp: 857460

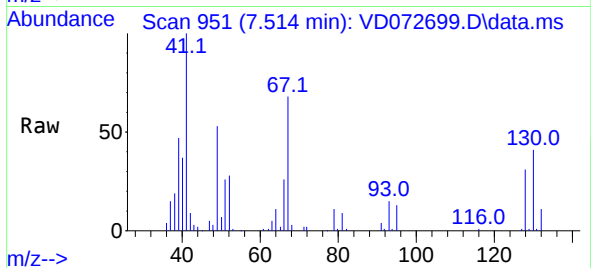
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.1	28.7





#41
Methacrylonitrile
Concen: 65.530 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

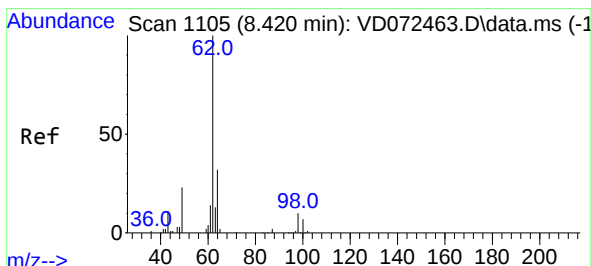
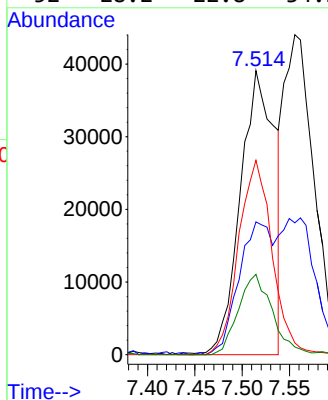
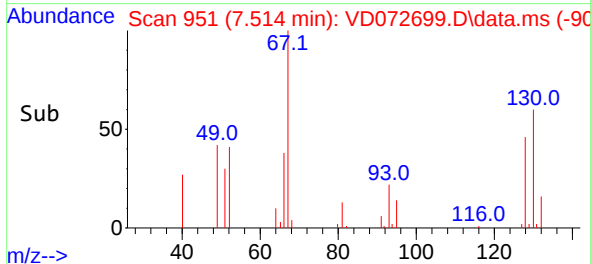
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



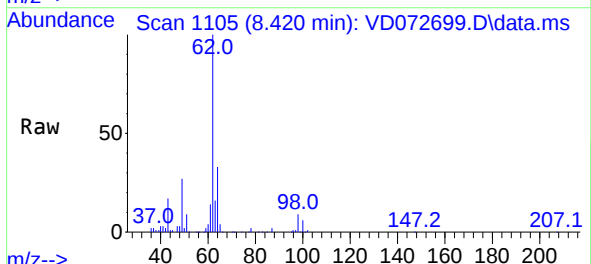
Tgt Ion: 41 Resp: 98790
Ion Ratio Lower Upper
41 100
39 44.9 44.6 67.0
67 66.8 48.2 72.4
52 28.2 22.8 34.2

Manual Integrations
APPROVED

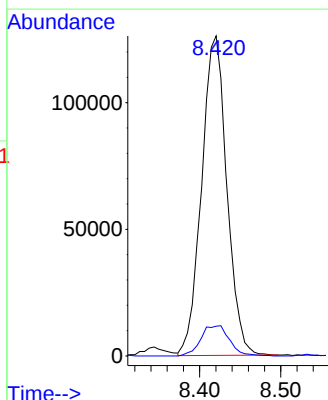
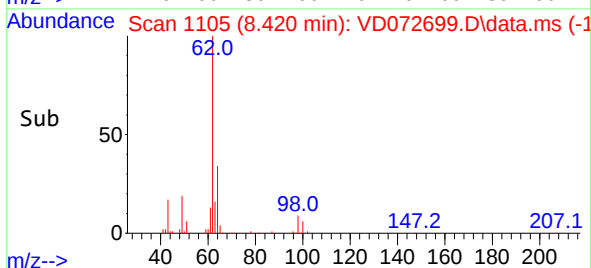
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

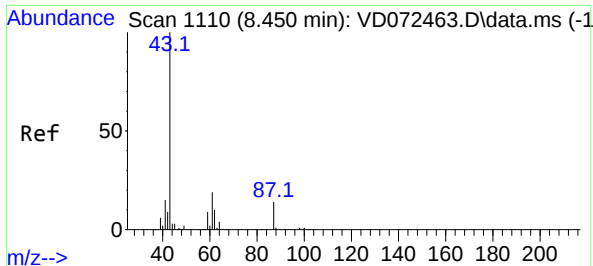


#42
1,2-Dichloroethane
Concen: 52.821 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36



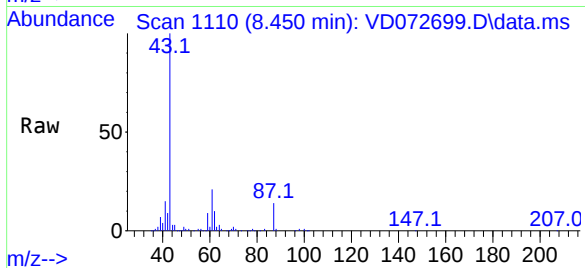
Tgt Ion: 62 Resp: 272301
Ion Ratio Lower Upper
62 100
98 10.8 0.0 17.6





#43
Isopropyl Acetate
Concen: 57.278 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

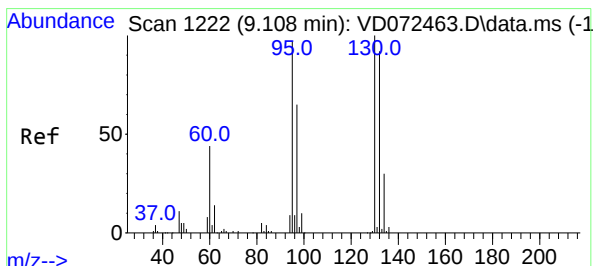
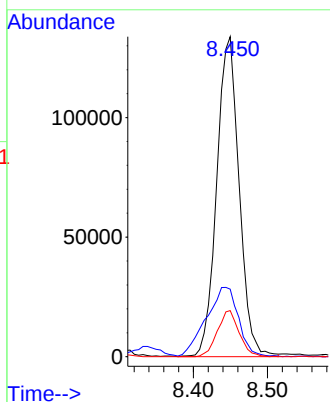
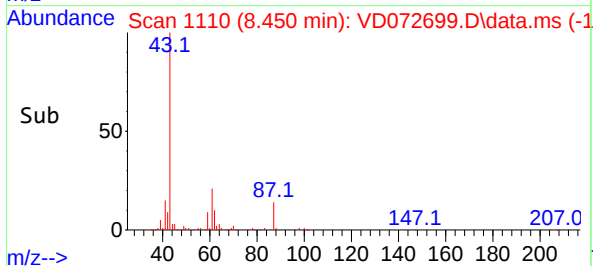
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 28114
Ion Ratio Lower Upper
43 100
61 31.3 22.4 33.6
87 14.0 8.7 13.1

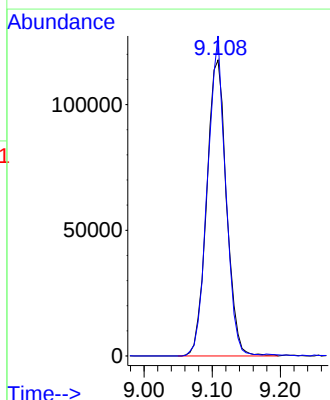
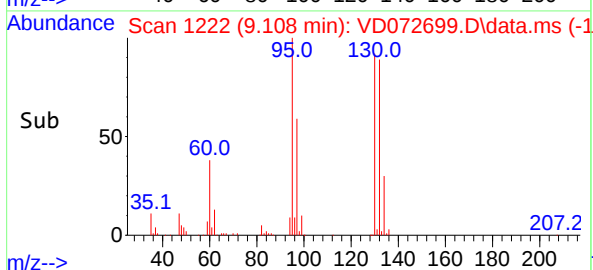
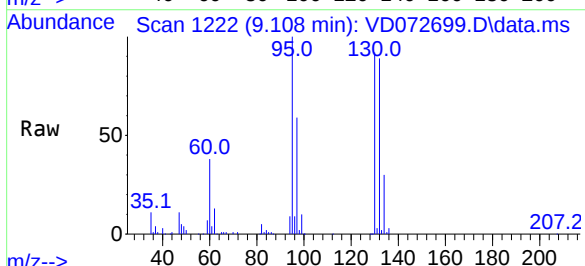
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#44
Trichloroethene
Concen: 49.662 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

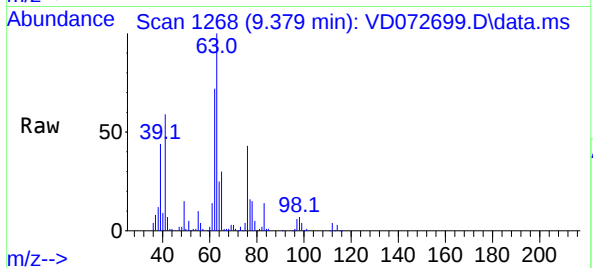
Tgt Ion:130 Resp: 237792
Ion Ratio Lower Upper
130 100
95 108.2 0.0 205.4





#45
1,2-Dichloropropane
Concen: 50.712 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

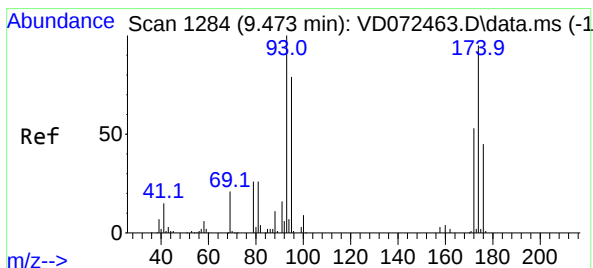
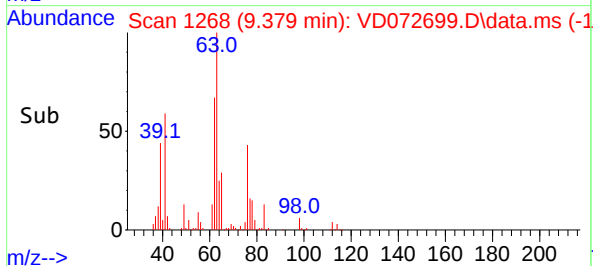
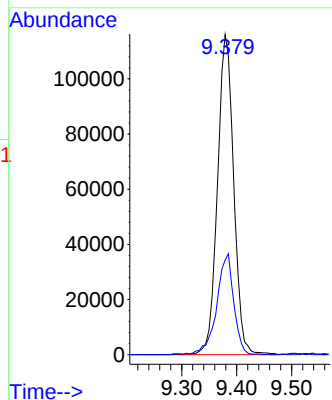
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 237928
Ion Ratio Lower Upper
63 100
65 29.5 26.2 39.4

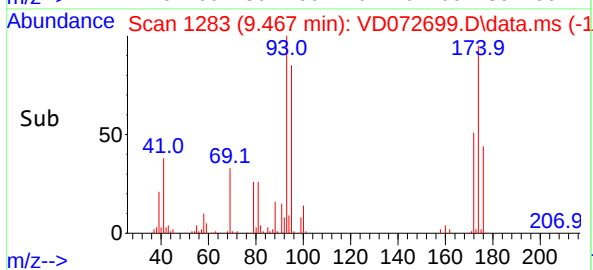
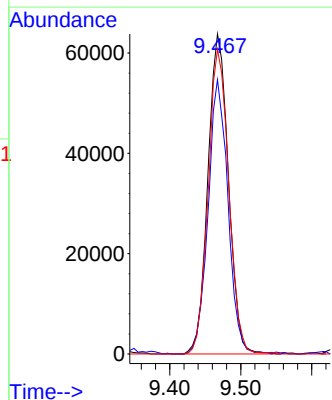
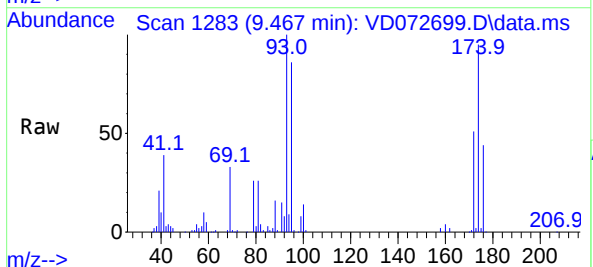
Manual Integrations
APPROVED

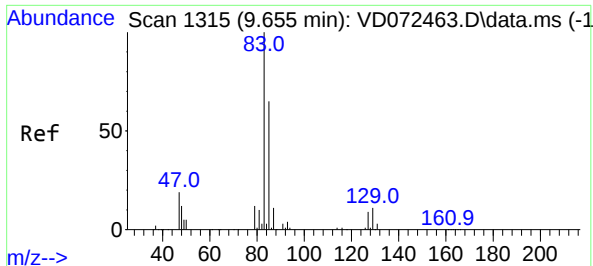
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#46
Dibromomethane
Concen: 52.034 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

Tgt Ion: 93 Resp: 128083
Ion Ratio Lower Upper
93 100
95 83.1 66.7 100.1
174 95.5 71.6 107.4





#47
Bromodichloromethane
Concen: 50.449 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

Instrument :

MSVOA_D

ClientSampleId :

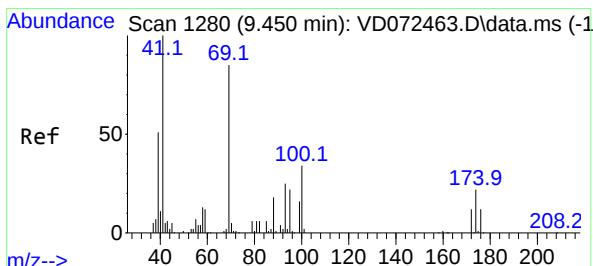
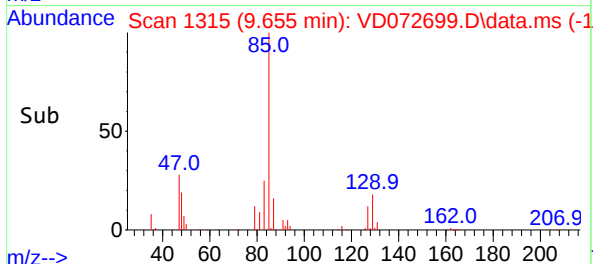
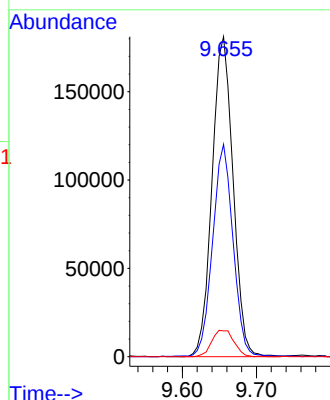
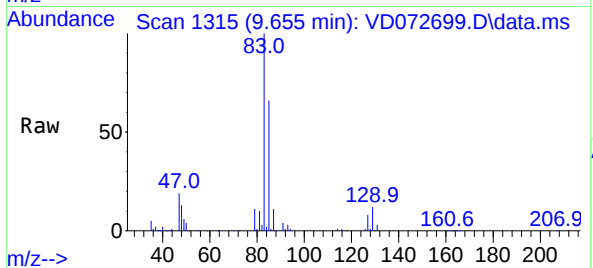
VSTDCCC050EC

Tgt Ion: 83 Resp: 35675
Ion Ratio Lower Upper
83 100
85 66.2 51.4 77.0
127 8.0 6.1 9.1

Manual Integrations

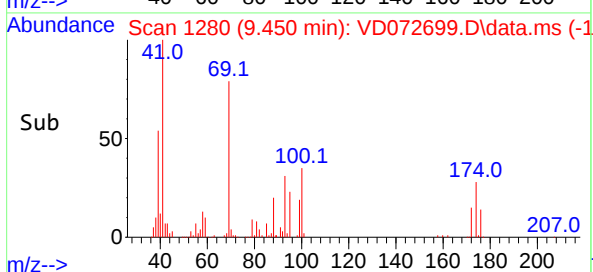
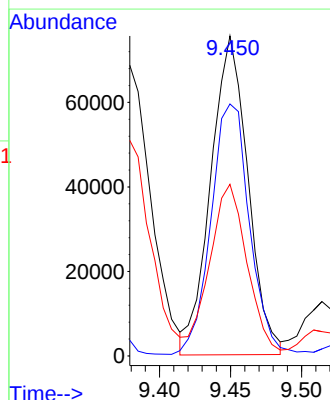
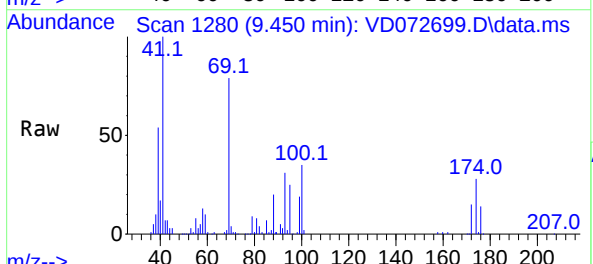
APPROVED

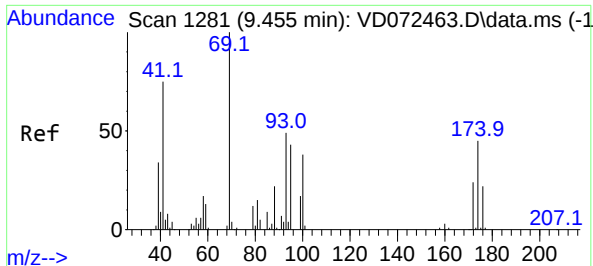
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#48
Methyl methacrylate
Concen: 57.705 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

Tgt Ion: 41 Resp: 137514
Ion Ratio Lower Upper
41 100
69 83.3 56.7 85.1
39 54.6 42.7 64.1





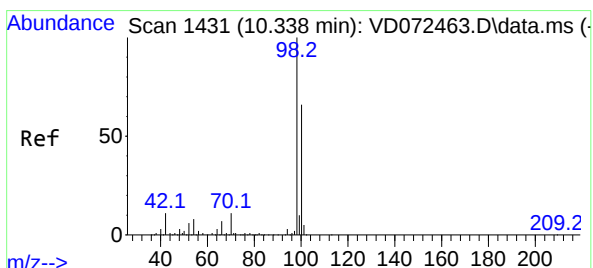
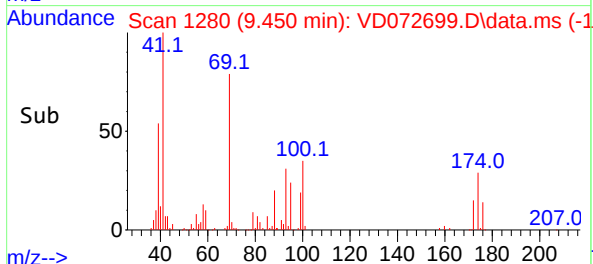
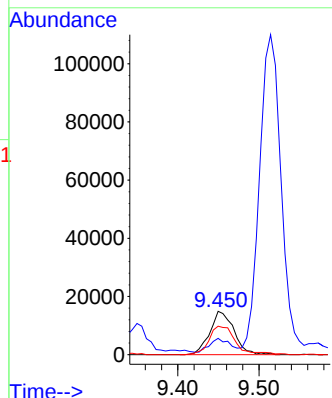
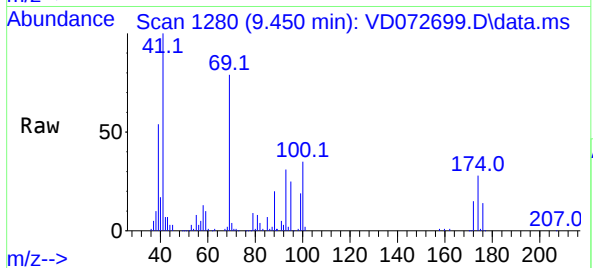
#49
1,4-Dioxane
Concen: 1055.058 ug/l
RT: 9.450 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 3089
Ion Ratio Lower Upper
88 100
43 25.9 31.0 46.4
58 71.7 58.1 87.1

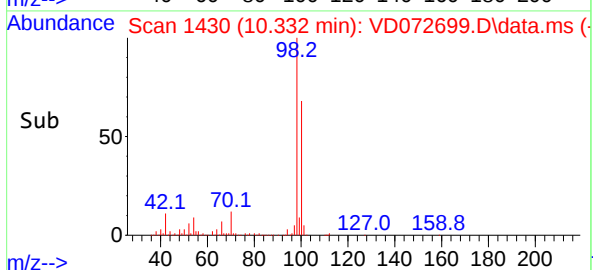
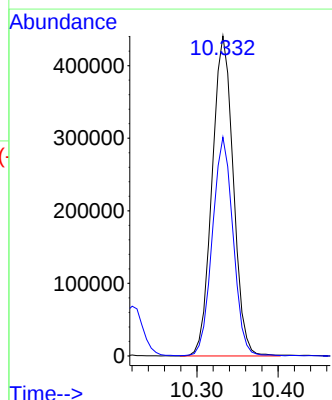
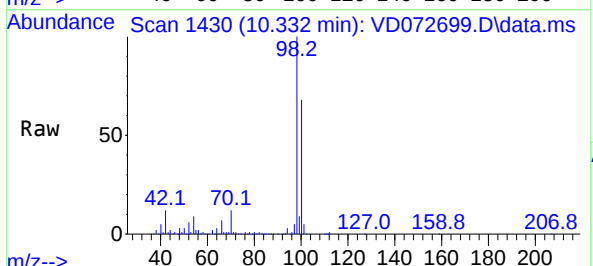
Manual Integrations
APPROVED

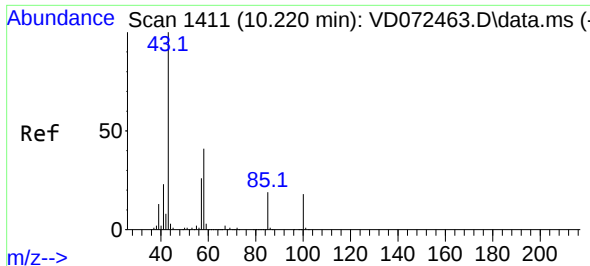
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#50
Toluene-d8
Concen: 47.656 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

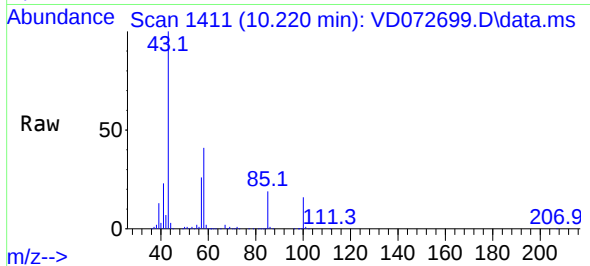
Tgt Ion: 98 Resp: 800011
Ion Ratio Lower Upper
98 100
100 66.7 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 280.157 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

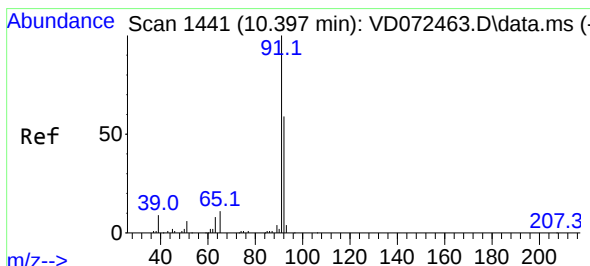
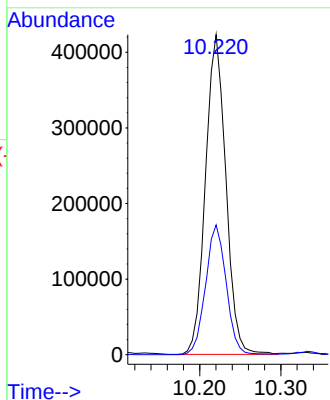
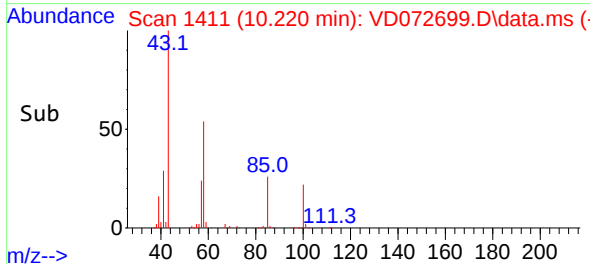
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



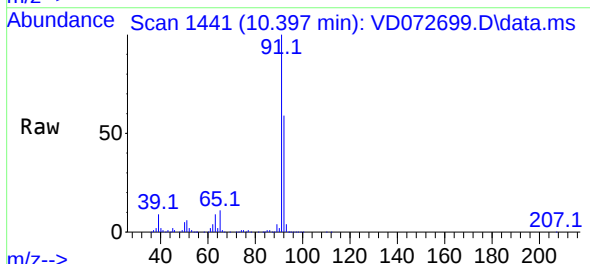
Tgt Ion: 43 Resp: 737870
Ion Ratio Lower Upper
43 100
58 41.1 28.6 43.0

Manual Integrations
APPROVED

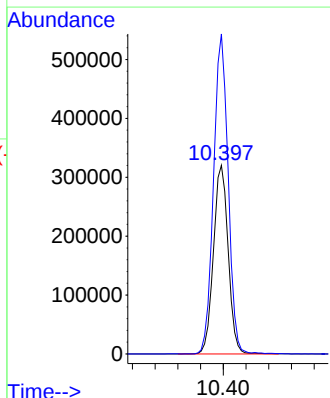
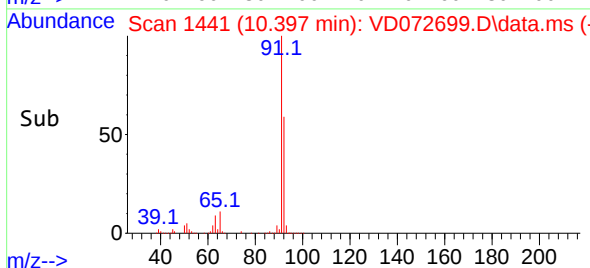
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#52
Toluene
Concen: 51.237 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36



Tgt Ion: 92 Resp: 574094
Ion Ratio Lower Upper
92 100
91 168.5 139.6 209.4





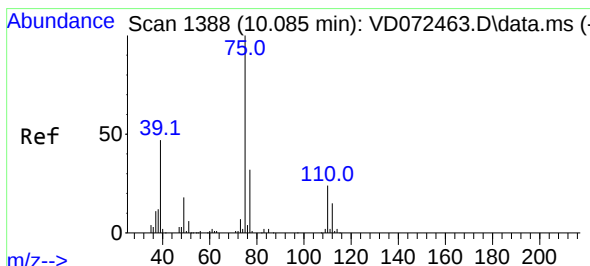
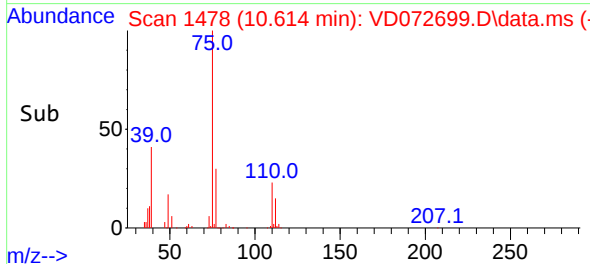
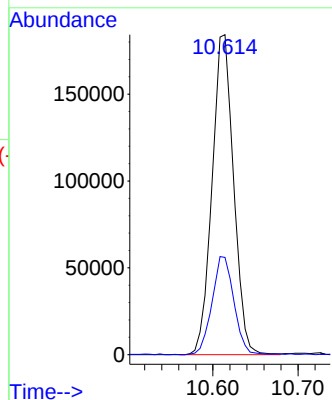
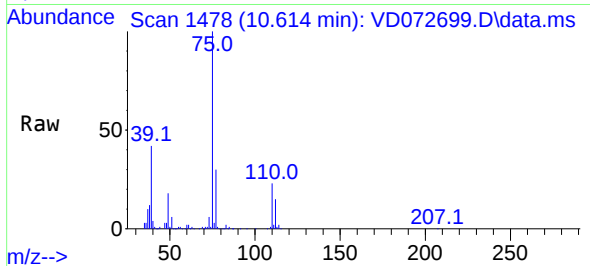
#53
t-1,3-Dichloropropene
Concen: 52.519 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 32364
Ion Ratio Lower Upper
75 100
77 30.4 24.5 36.7

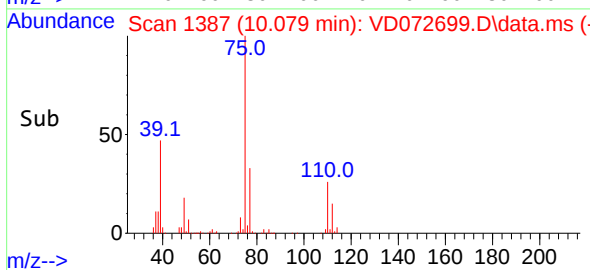
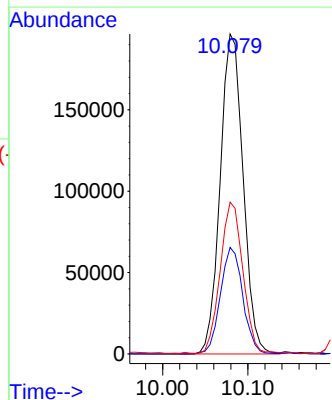
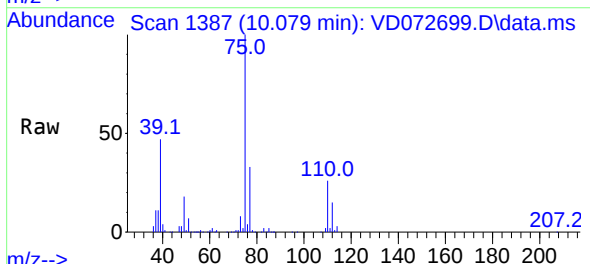
Manual Integrations
APPROVED

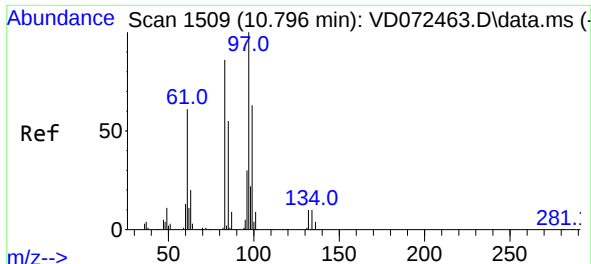
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#54
cis-1,3-Dichloropropene
Concen: 50.333 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

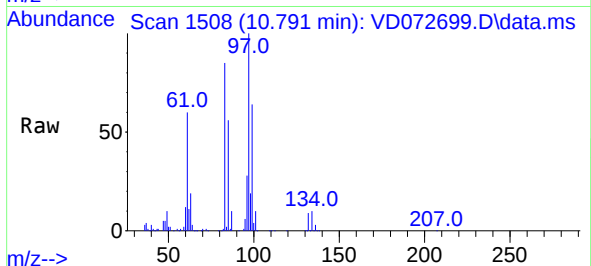
Tgt Ion: 75 Resp: 366716
Ion Ratio Lower Upper
75 100
77 33.3 24.8 37.2
39 47.2 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 52.479 ug/l
RT: 10.791 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

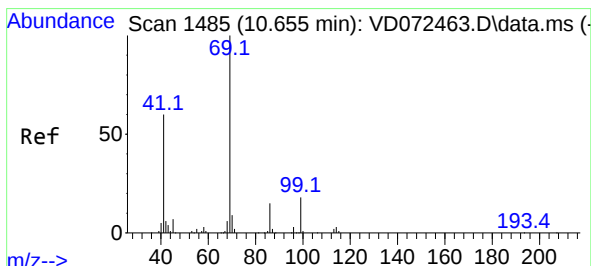
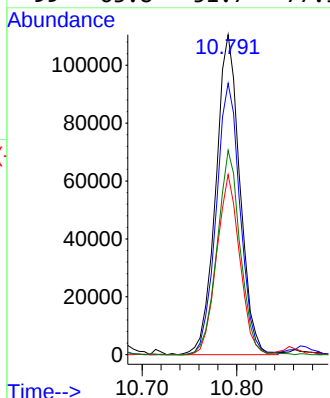
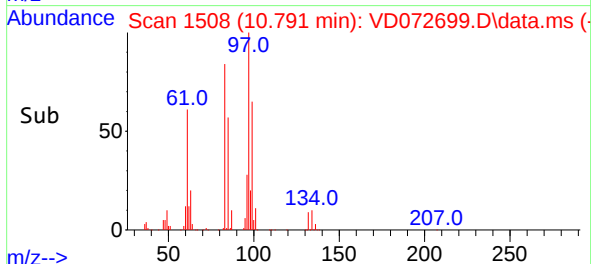
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



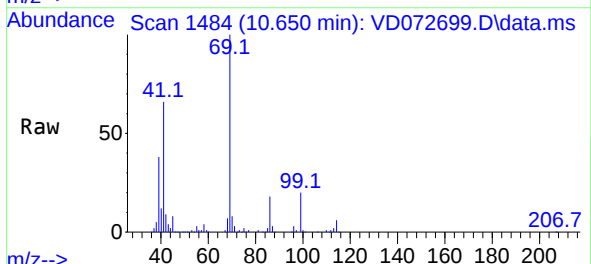
Tgt Ion: 97 Resp: 195839
Ion Ratio Lower Upper
97 100
83 84.8 69.0 103.4
85 56.3 42.6 63.8
99 63.8 51.7 77.5

Manual Integrations
APPROVED

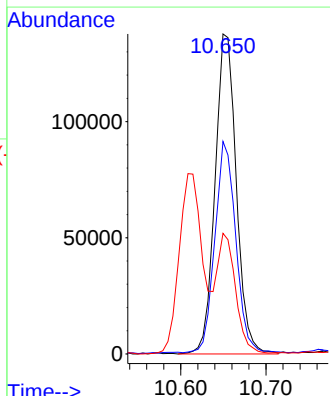
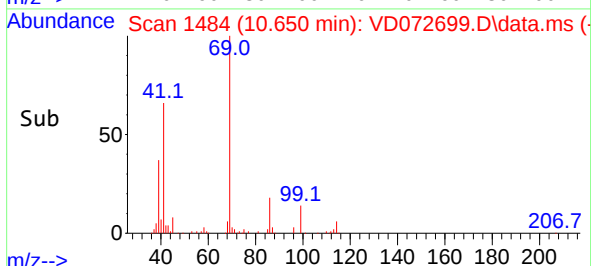
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

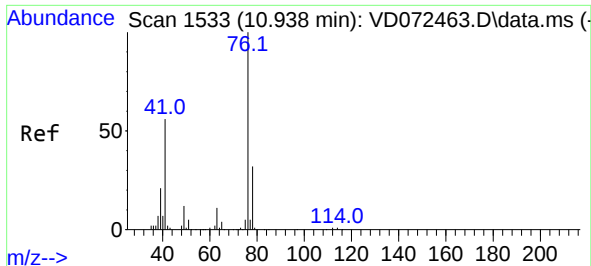


#56
Ethyl methacrylate
Concen: 52.159 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.005 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36



Tgt Ion: 69 Resp: 239568
Ion Ratio Lower Upper
69 100
41 65.9 63.0 94.6
39 31.1 33.8 50.8





#57

1,3-Dichloropropane

Concen: 51.447 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD072699.D

Acq: 22 Apr 2022 17:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 31739

Ion Ratio Lower Upper

76 100

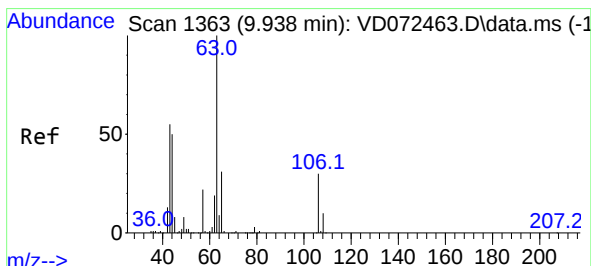
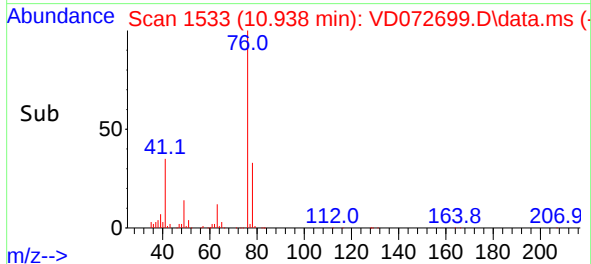
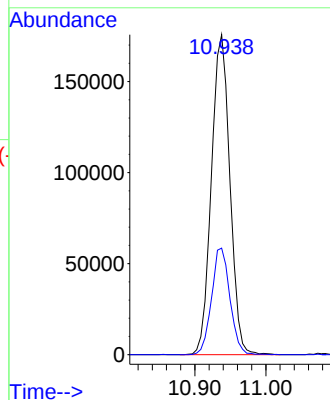
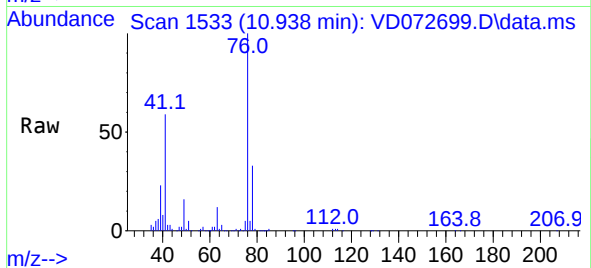
78 33.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#58

2-Chloroethyl Vinyl ether

Concen: 302.388 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VD072699.D

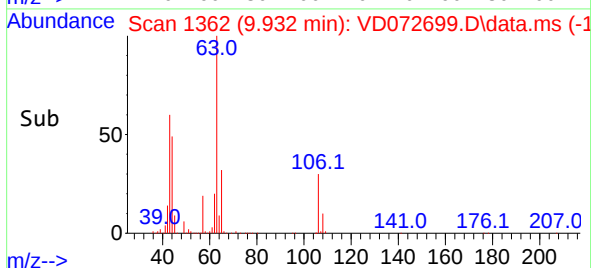
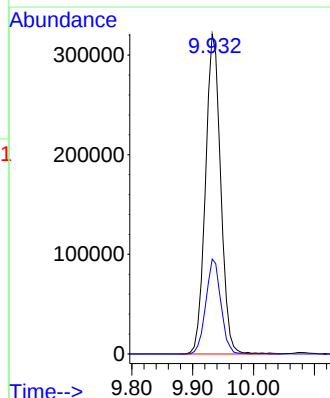
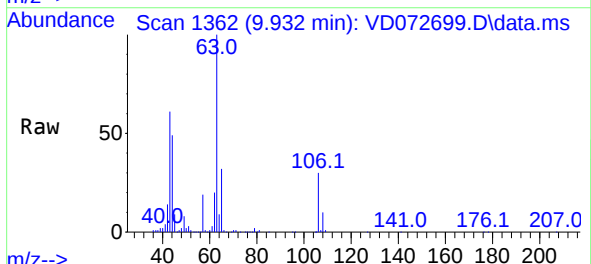
Acq: 22 Apr 2022 17:36

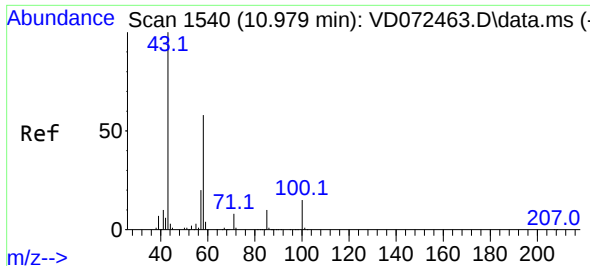
Tgt Ion: 63 Resp: 557109

Ion Ratio Lower Upper

63 100

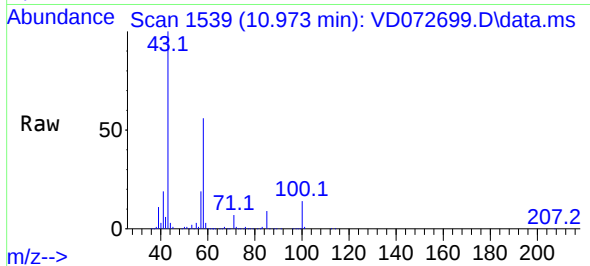
106 29.3 21.4 32.0





#59
2-Hexanone
Concen: 280.775 ug/l
RT: 10.973 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

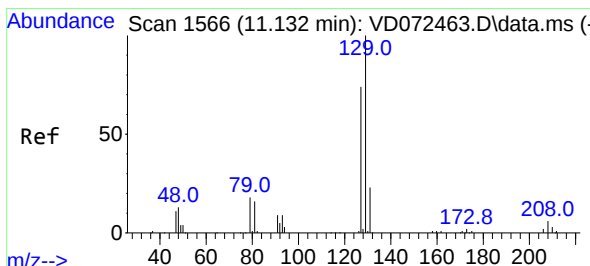
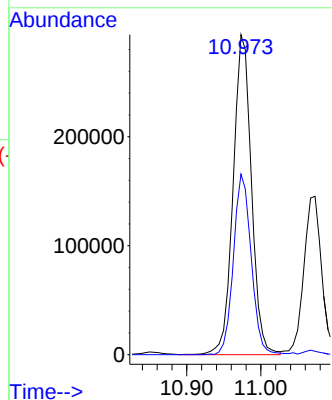
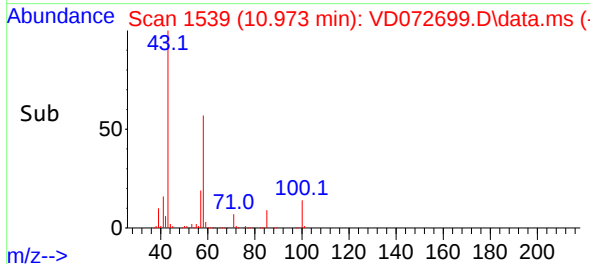
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 50287
Ion Ratio Lower Upper
43 100
58 54.8 25.3 75.9

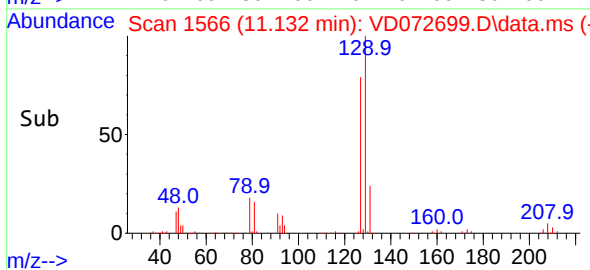
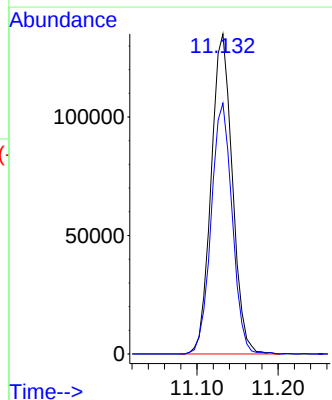
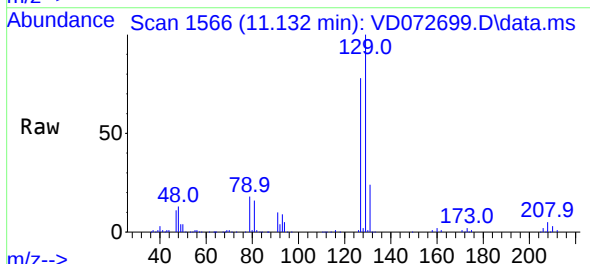
Manual Integrations
APPROVED

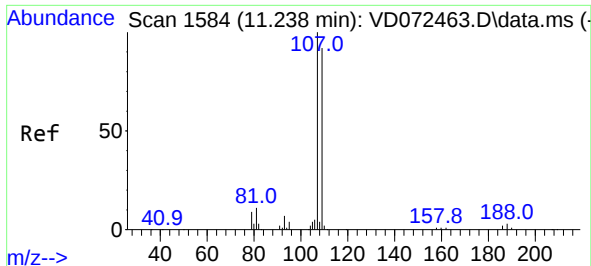
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#60
Dibromochloromethane
Concen: 50.958 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

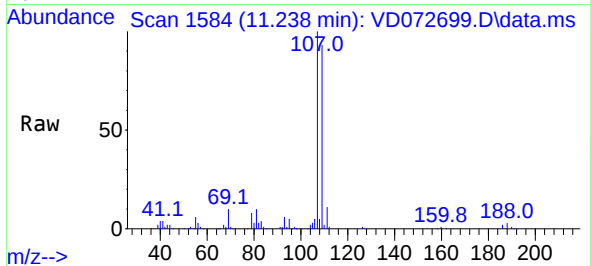
Tgt Ion:129 Resp: 245299
Ion Ratio Lower Upper
129 100
127 77.6 39.2 117.6





#61
1,2-Dibromoethane
Concen: 52.857 ug/l
RT: 11.238 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

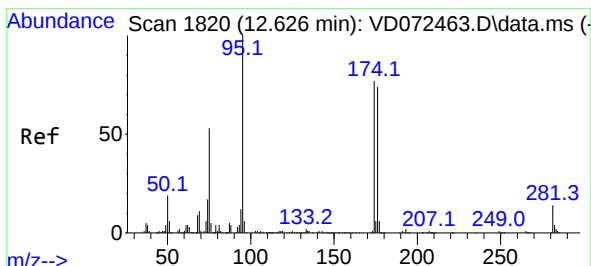
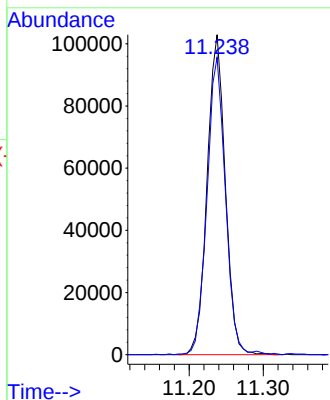
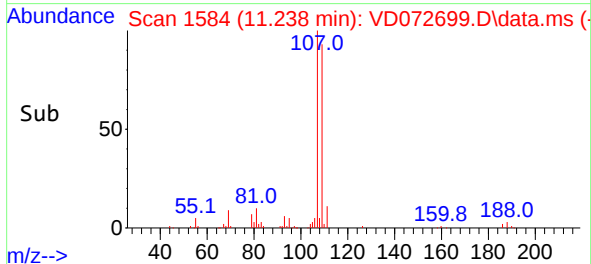
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



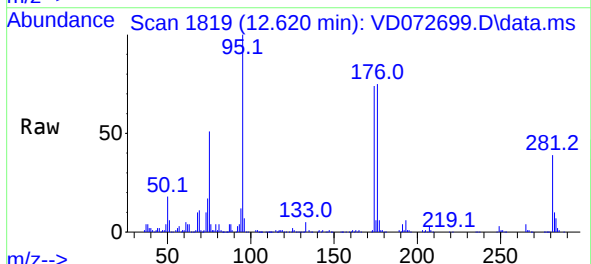
Tgt Ion:107 Resp: 175130
Ion Ratio Lower Upper
107 100
109 93.8 74.2 111.4

Manual Integrations
APPROVED

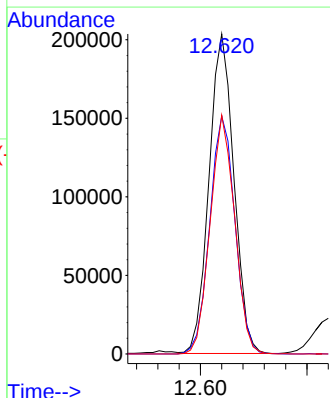
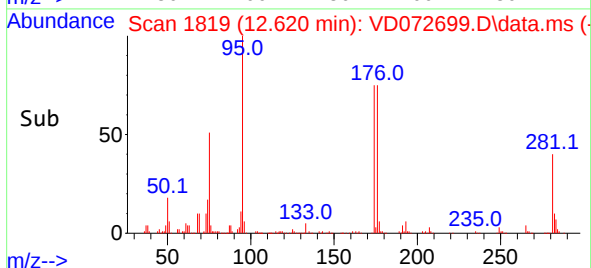
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

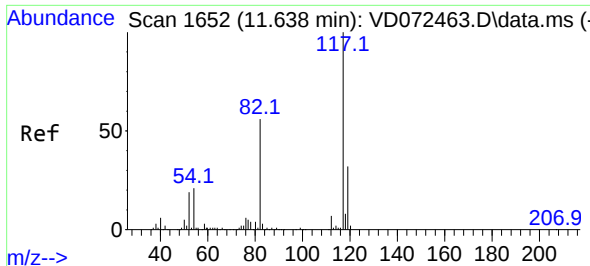


#62
4-Bromofluorobenzene
Concen: 50.242 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36



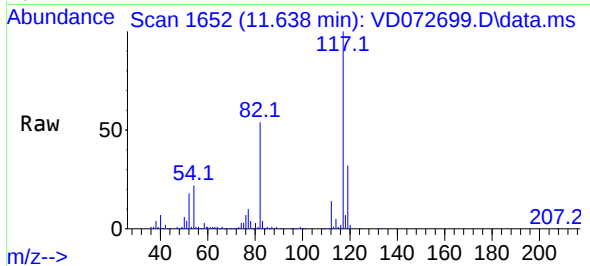
Tgt Ion: 95 Resp: 329395
Ion Ratio Lower Upper
95 100
174 75.7 0.0 152.8
176 73.5 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

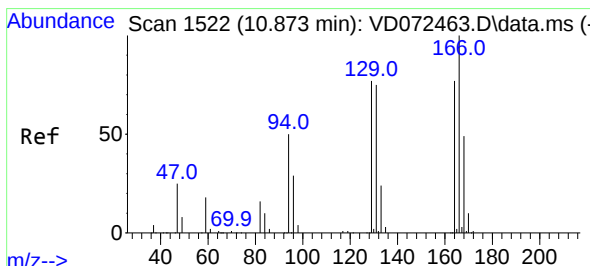
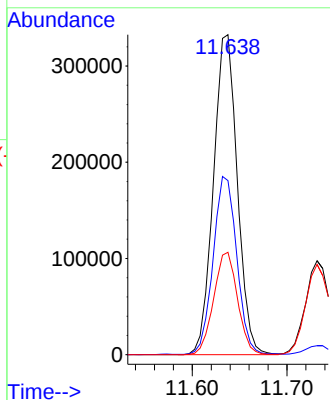
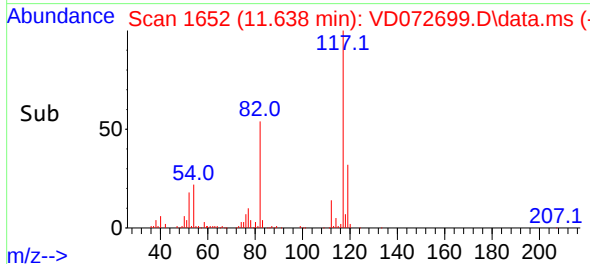
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 582698
Ion Ratio Lower Upper
117 100
82 54.3 45.3 67.9
119 32.0 26.6 40.0

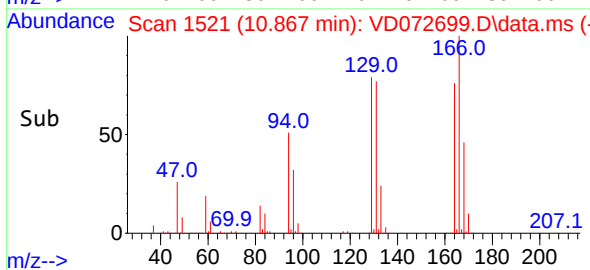
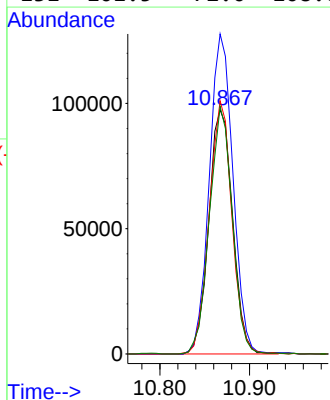
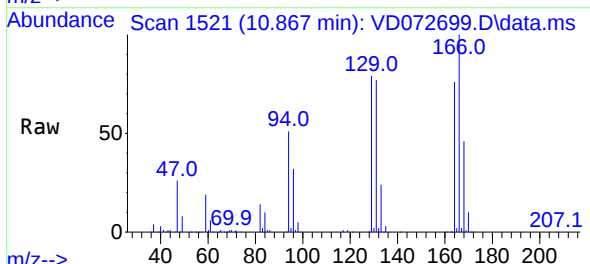
Manual Integrations
APPROVED

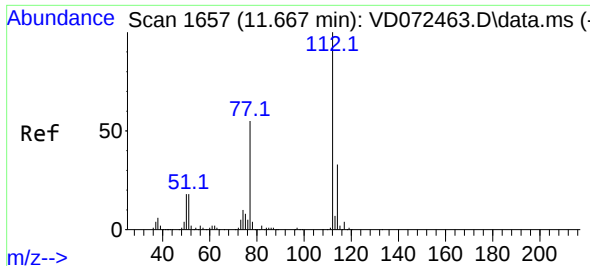
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#64
Tetrachloroethene
Concen: 47.201 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

Tgt Ion:164 Resp: 179699
Ion Ratio Lower Upper
164 100
166 131.2 98.5 147.7
129 103.7 74.6 111.8
131 101.5 72.0 108.0





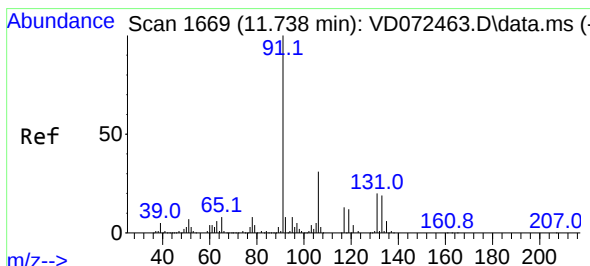
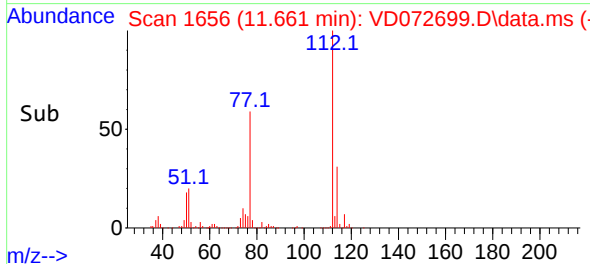
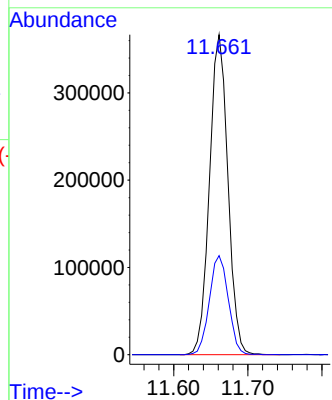
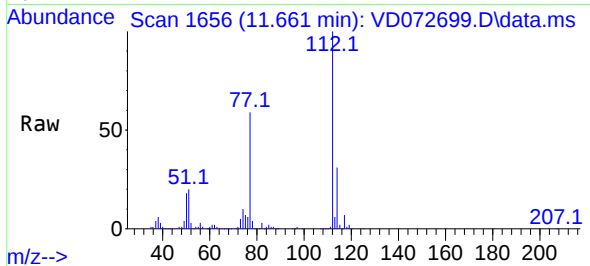
#65
Chlorobenzene
Concen: 48.544 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 632410
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.6

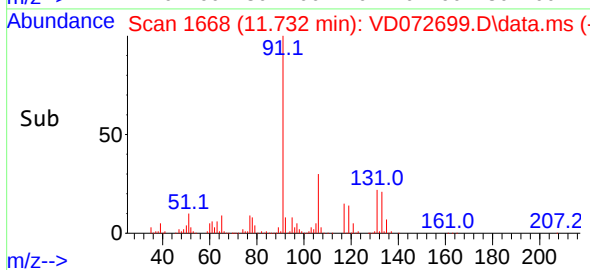
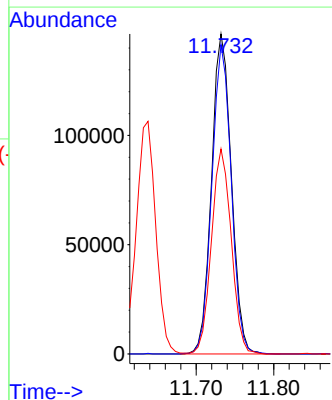
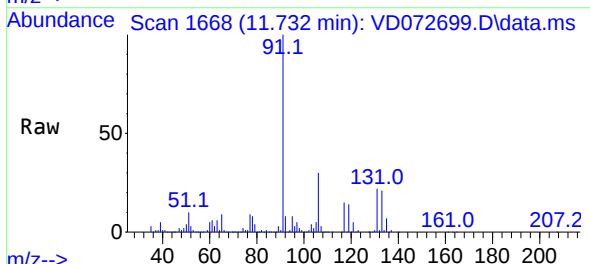
Manual Integrations
APPROVED

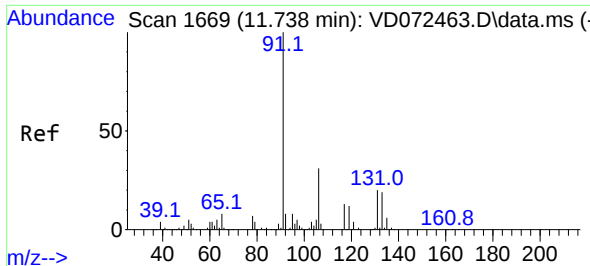
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 49.980 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

Tgt Ion:131 Resp: 260321
Ion Ratio Lower Upper
131 100
133 94.1 48.1 144.3
119 63.8 31.9 95.9





#67
Ethyl Benzene
Concen: 49.901 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

Instrument :

MSVOA_D

ClientSampleId :

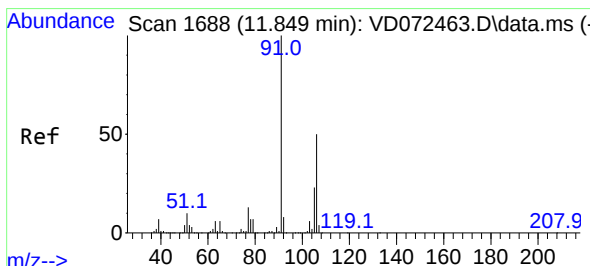
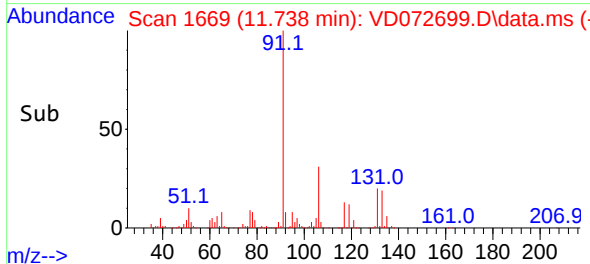
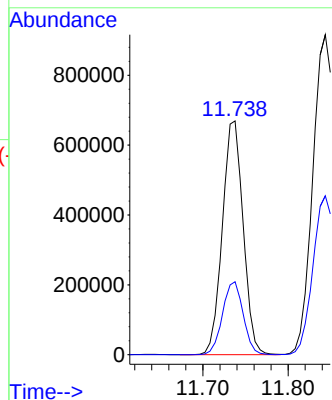
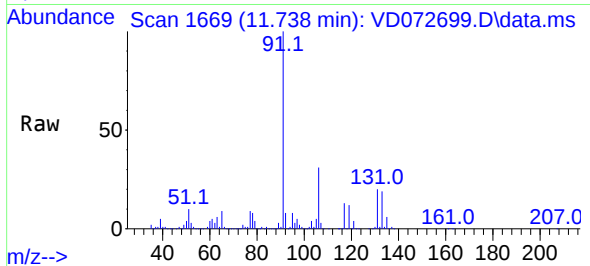
VSTDCCC050EC

Tgt Ion: 91 Resp: 113433
Ion Ratio Lower Upper
91 100
106 31.2 24.2 36.4

Manual Integrations

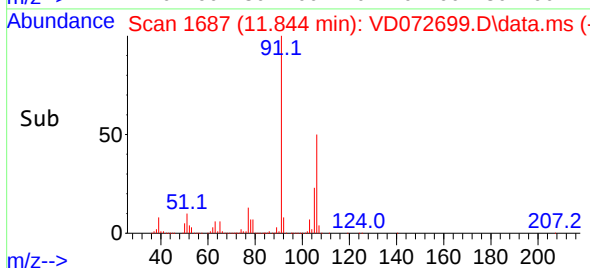
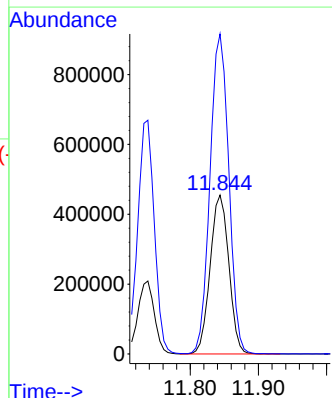
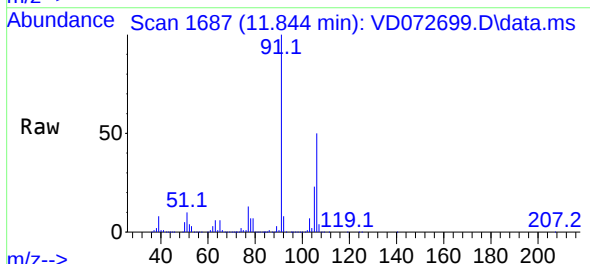
APPROVED

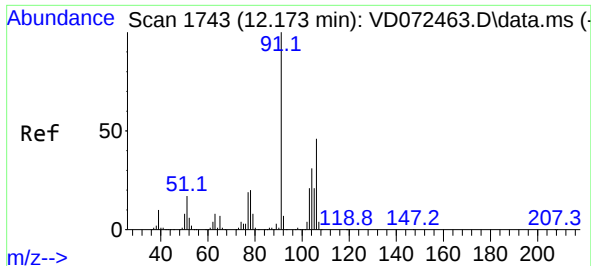
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#68
m/p-Xylenes
Concen: 100.557 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

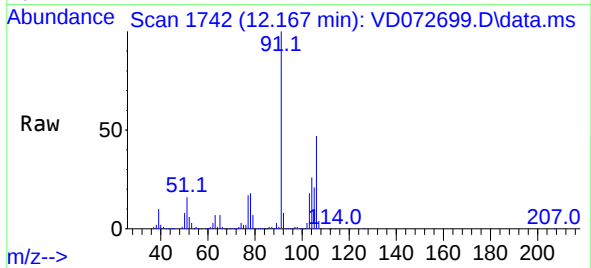
Tgt Ion:106 Resp: 867208
Ion Ratio Lower Upper
106 100
91 202.2 163.7 245.5





#69
o-Xylene
Concen: 50.860 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

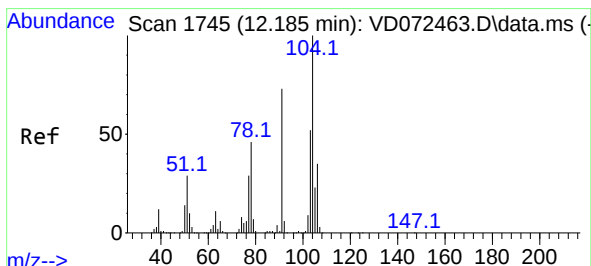
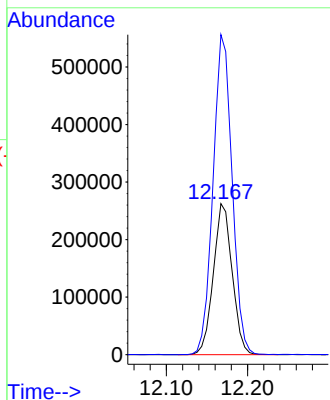
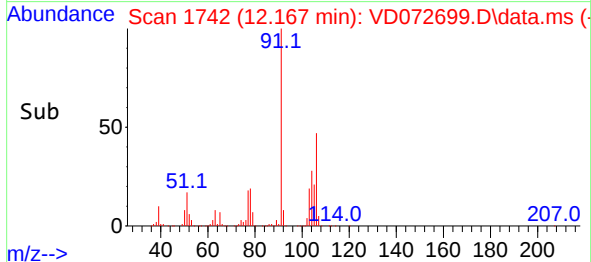
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 423197
Ion Ratio Lower Upper
106 100
91 214.4 110.4 331.2

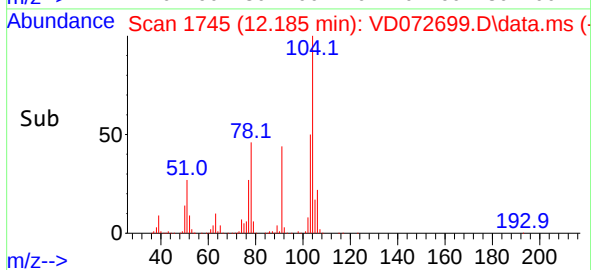
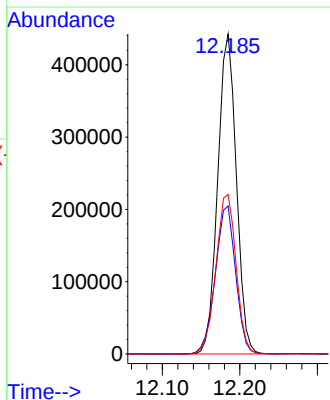
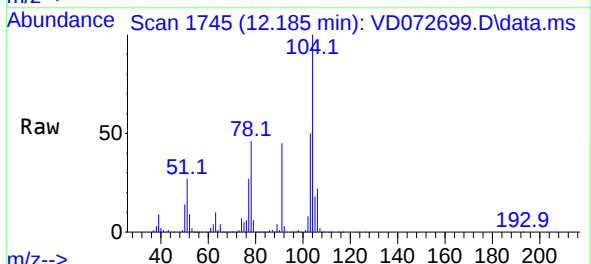
Manual Integrations
APPROVED

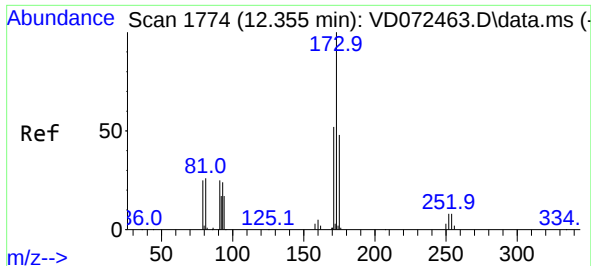
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#70
Styrene
Concen: 50.358 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

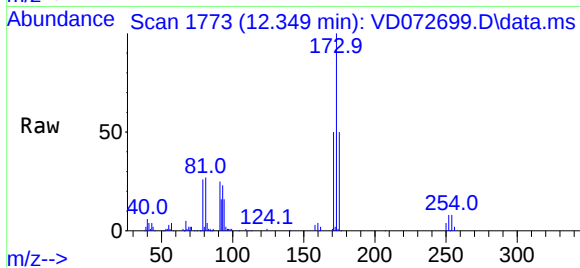
Tgt Ion:104 Resp: 738481
Ion Ratio Lower Upper
104 100
78 50.5 41.8 62.8
103 54.3 44.2 66.4





#71
Bromoform
Concen: 51.383 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

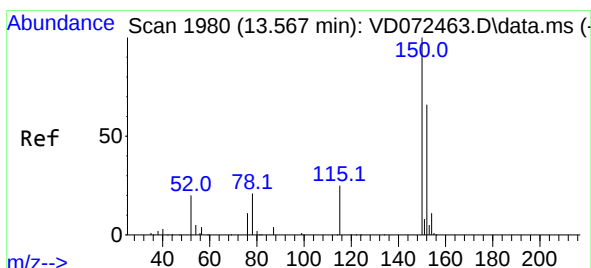
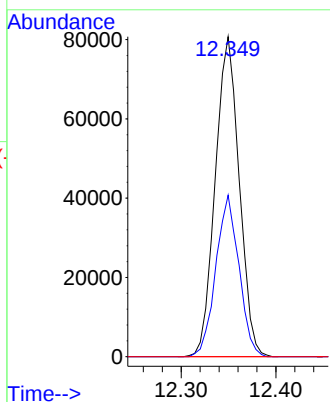
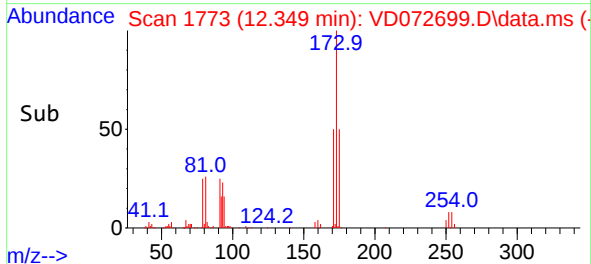
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



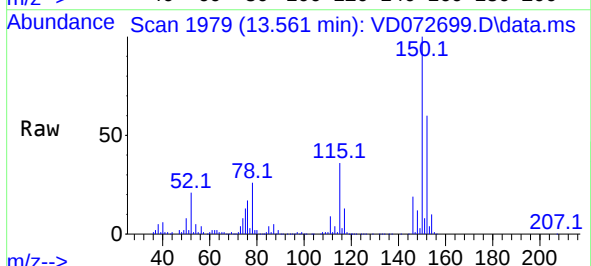
Tgt Ion:173 Resp: 14187
Ion Ratio Lower Upper
173 100
175 48.7 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

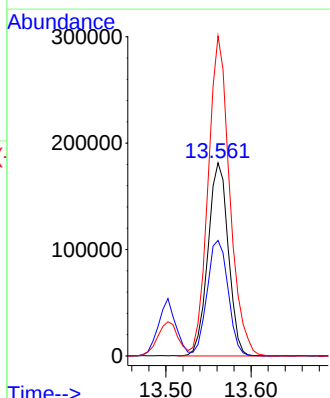
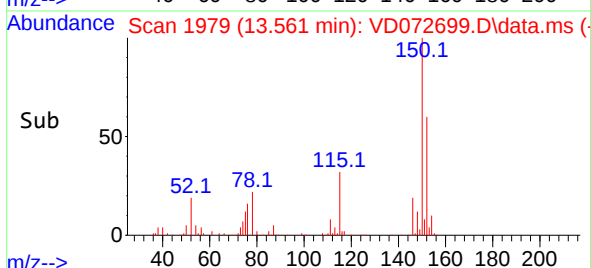
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

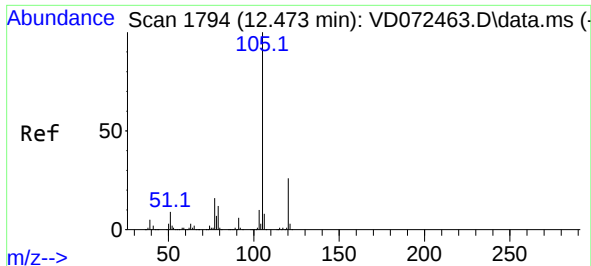


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36



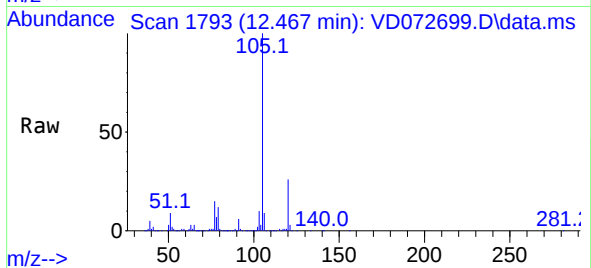
Tgt Ion:152 Resp: 301093
Ion Ratio Lower Upper
152 100
115 61.5 31.3 93.8
150 175.4 0.0 348.6





#73
Isopropylbenzene
Concen: 47.721 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

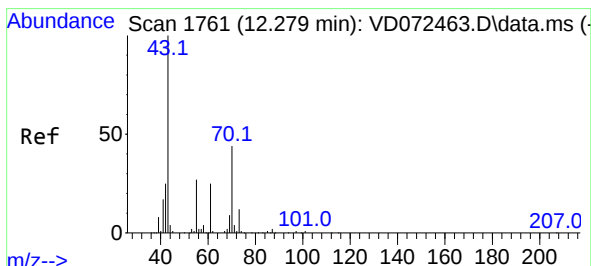
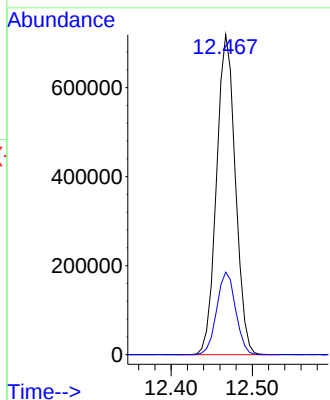
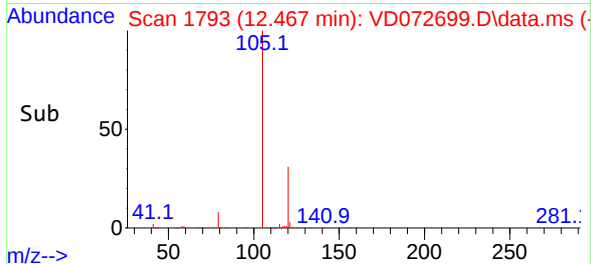
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



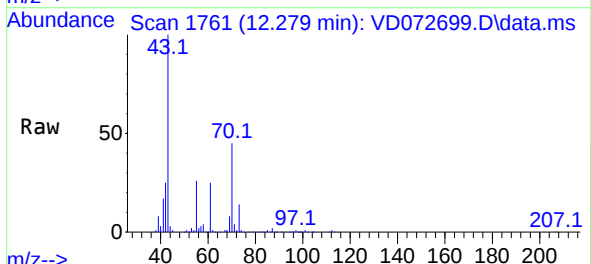
Tgt Ion:105 Resp: 116041
Ion Ratio Lower Upper
105 100
120 25.8 13.0 38.9

Manual Integrations
APPROVED

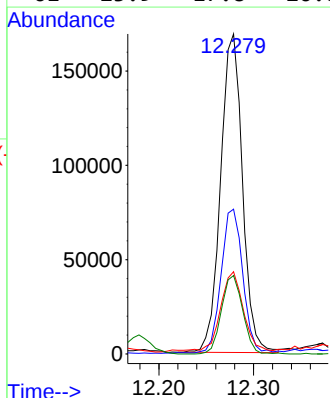
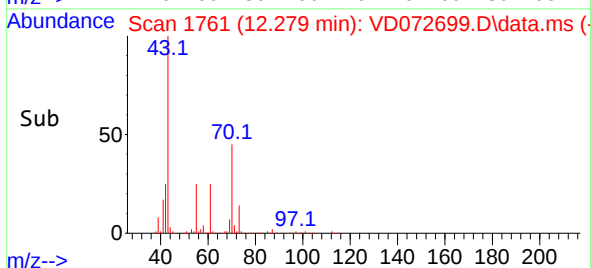
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

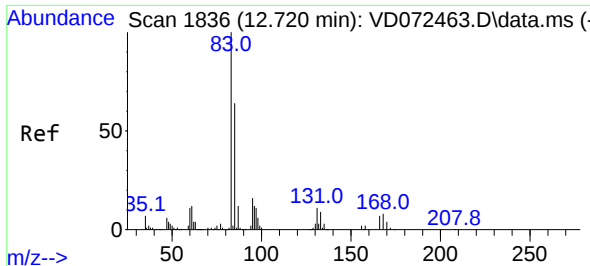


#74
N-ethyl acetate
Concen: 53.180 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36



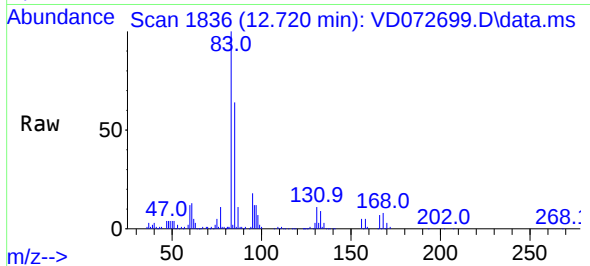
Tgt Ion: 43 Resp: 271332
Ion Ratio Lower Upper
43 100
70 45.4 31.3 46.9
55 28.1 20.0 30.0
61 23.9 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 48.324 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

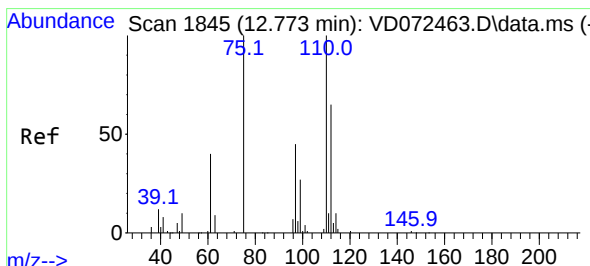
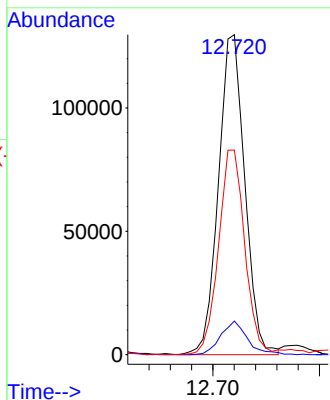
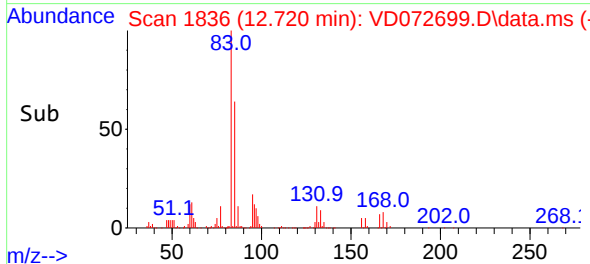
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



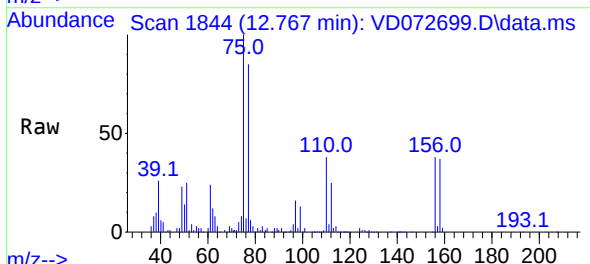
Tgt Ion: 83 Resp: 222572
Ion Ratio Lower Upper
83 100
131 10.7 5.0 14.9
85 64.2 32.6 98.0

Manual Integrations
APPROVED

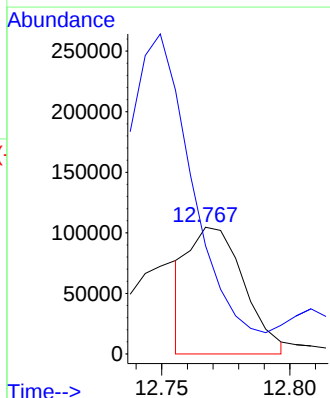
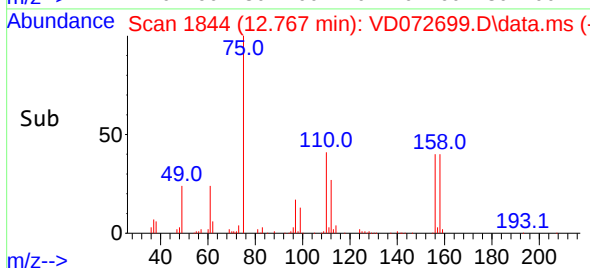
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

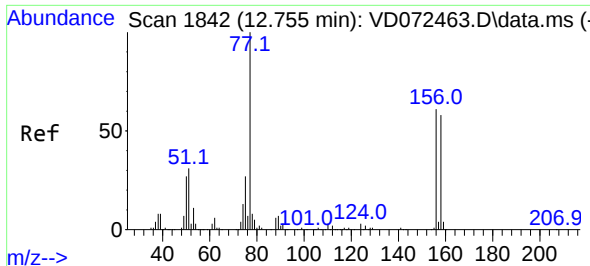


#76
1,2,3-Trichloropropane
Concen: 47.795 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36



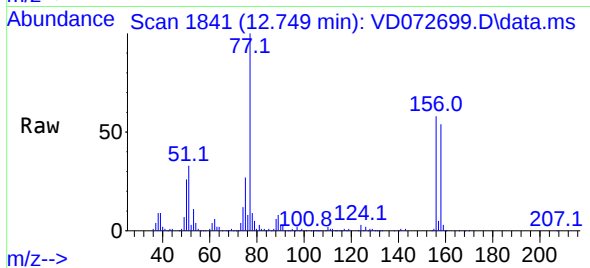
Tgt Ion: 75 Resp: 156955
Ion Ratio Lower Upper
75 100
77 321.4 0.0 0.0#





#77
Bromobenzene
Concen: 48.144 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

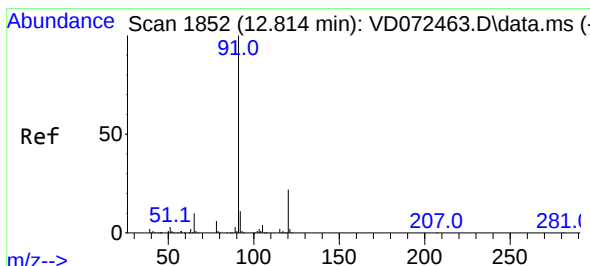
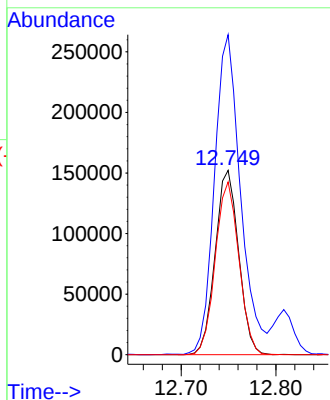
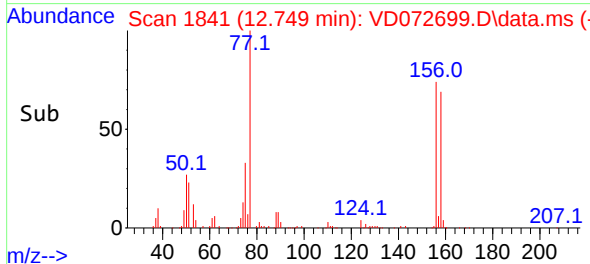
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



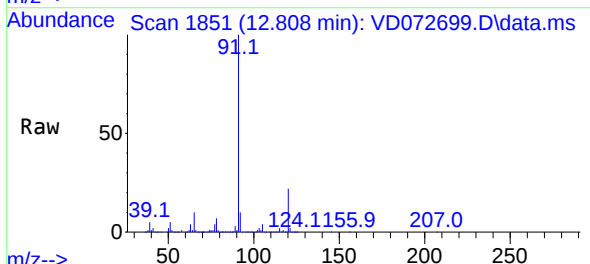
Tgt Ion: 156 Resp: 262400
Ion Ratio Lower Upper
156 100
77 192.2 102.8 308.3
158 94.0 48.7 146.1

Manual Integrations
APPROVED

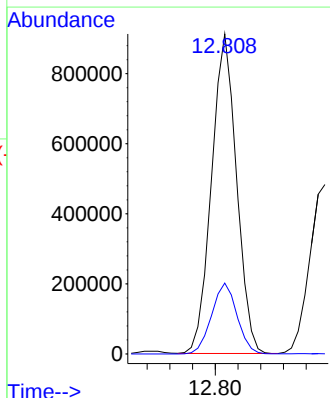
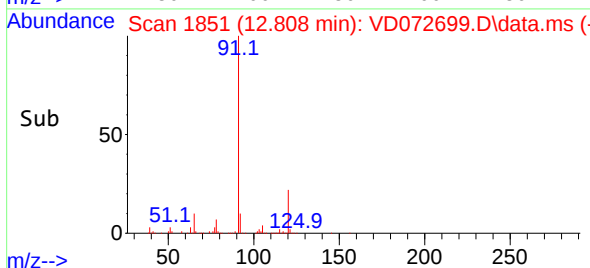
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#78
n-propylbenzene
Concen: 47.537 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36



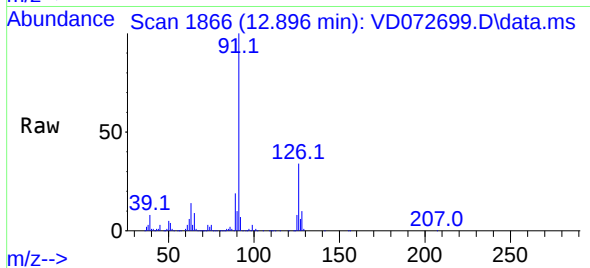
Tgt Ion: 91 Resp: 1394494
Ion Ratio Lower Upper
91 100
120 22.5 10.9 32.9





#79
2-Chlorotoluene
Concen: 46.863 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

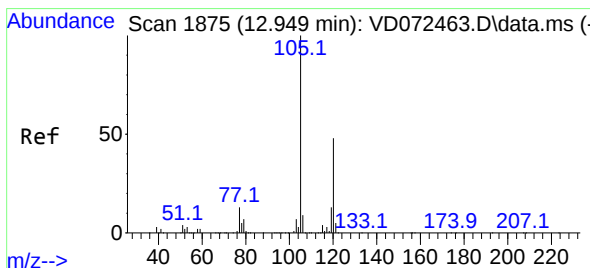
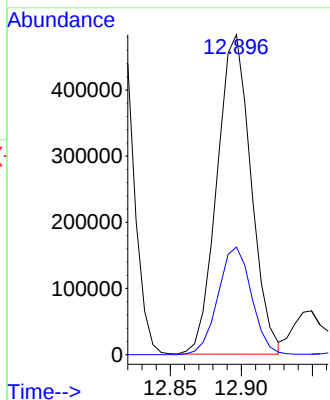
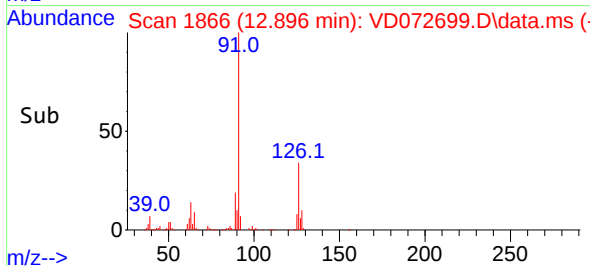
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



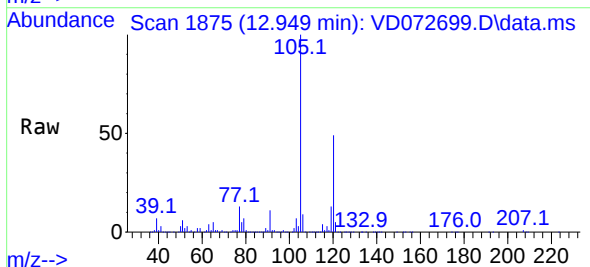
Tgt Ion: 91 Resp: 803940
Ion Ratio Lower Upper
91 100
126 33.3 16.2 48.6

Manual Integrations
APPROVED

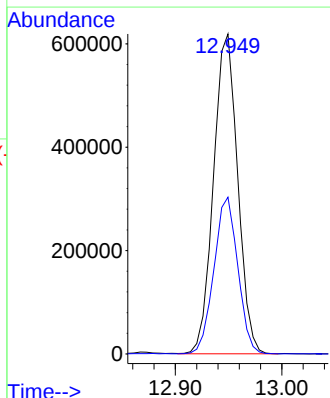
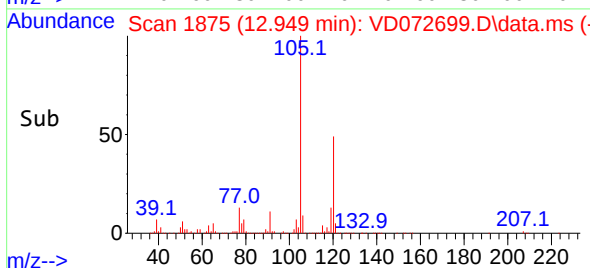
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

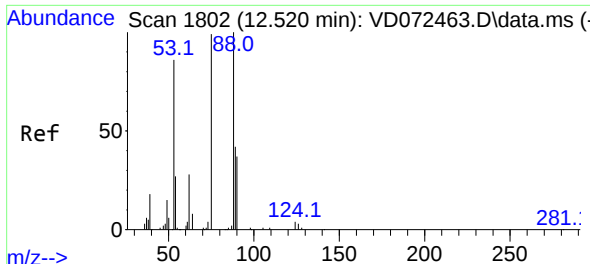


#80
1,3,5-Trimethylbenzene
Concen: 46.735 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36



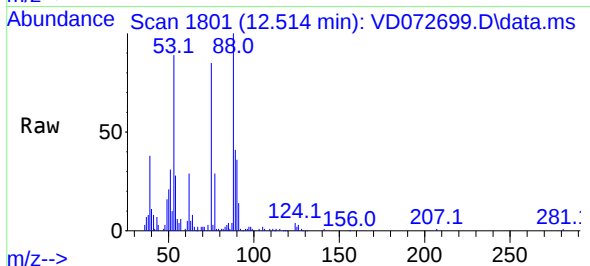
Tgt Ion:105 Resp: 973297
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 49.793 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

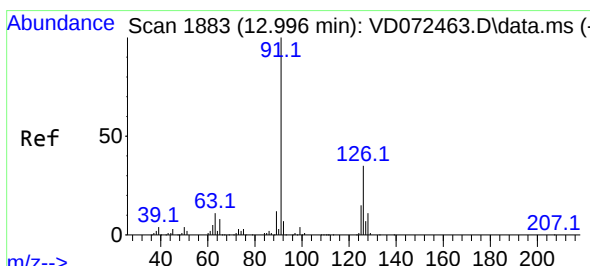
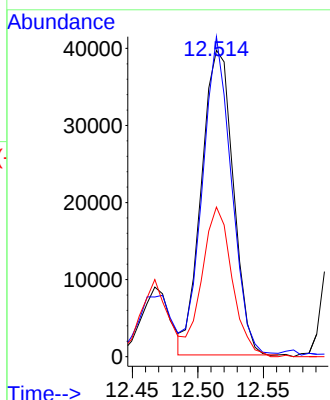
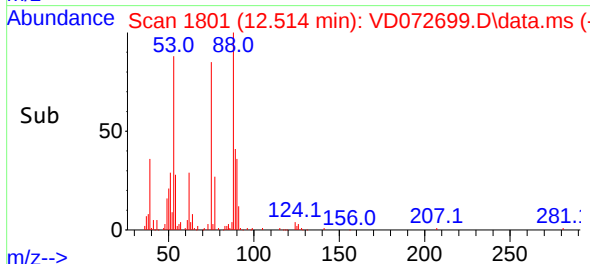
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



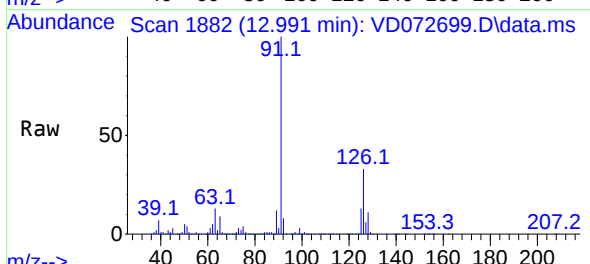
Tgt Ion: 75 Resp: 66638
Ion Ratio Lower Upper
75 100
53 94.2 86.5 129.7
89 45.7 33.9 50.9

Manual Integrations
APPROVED

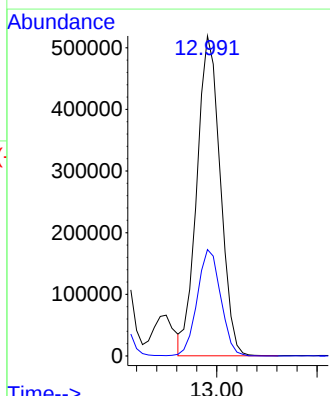
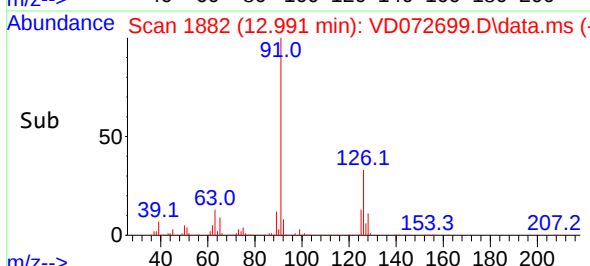
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

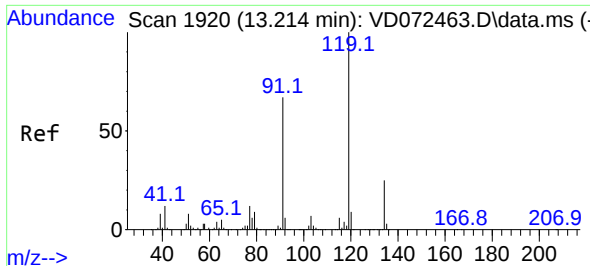


#82
4-Chlorotoluene
Concen: 47.092 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36



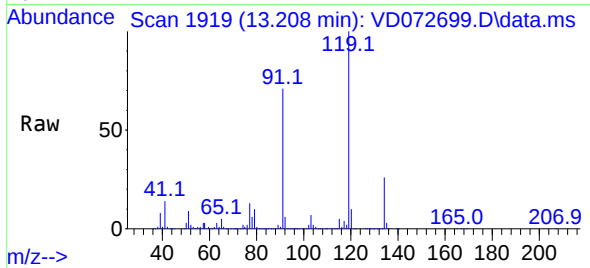
Tgt Ion: 91 Resp: 841402
Ion Ratio Lower Upper
91 100
126 33.4 16.5 49.5





#83
tert-Butylbenzene
Concen: 47.000 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

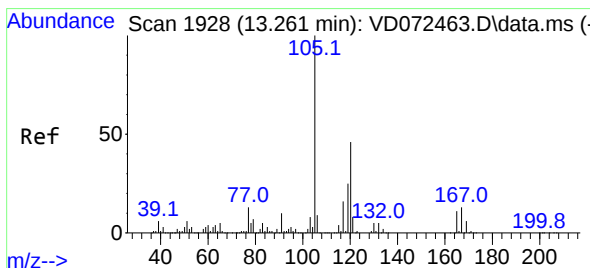
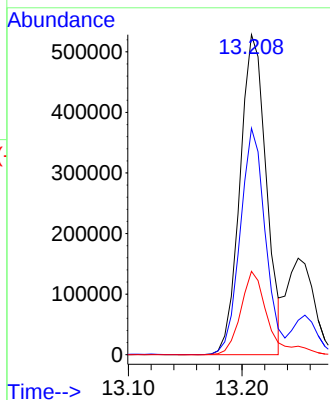
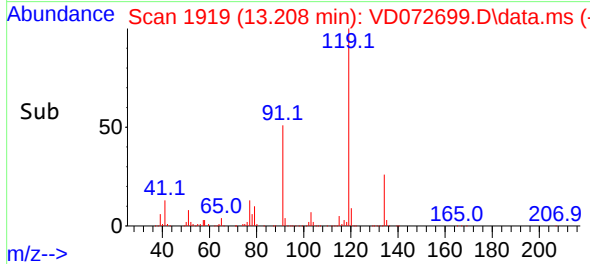
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



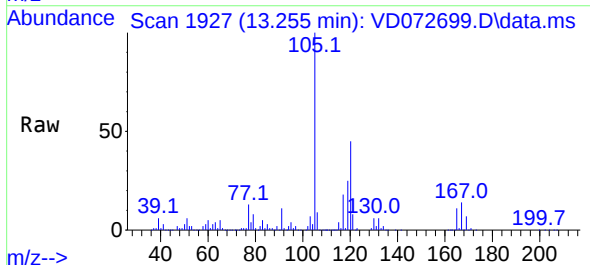
Tgt Ion:119 Resp: 847382
Ion Ratio Lower Upper
119 100
91 68.1 34.8 104.5
134 27.0 13.3 39.9

Manual Integrations
APPROVED

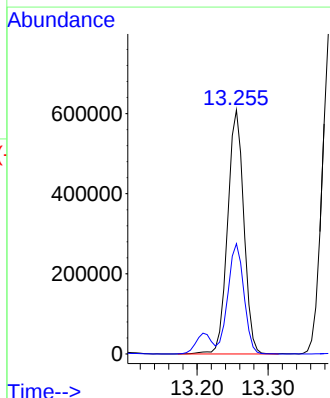
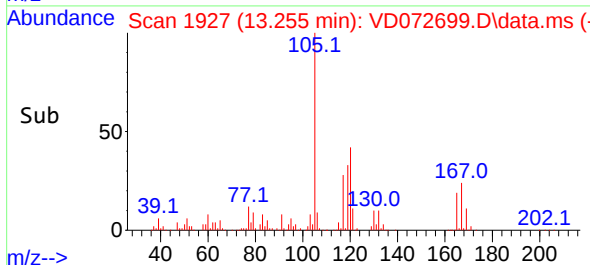
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

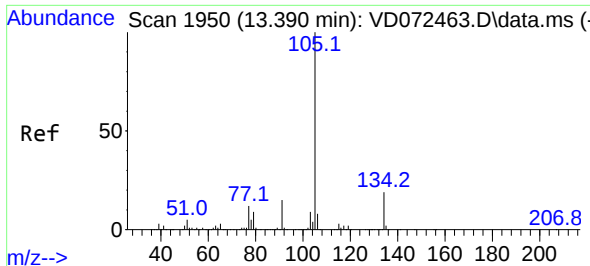


#84
1,2,4-Trimethylbenzene
Concen: 47.312 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36



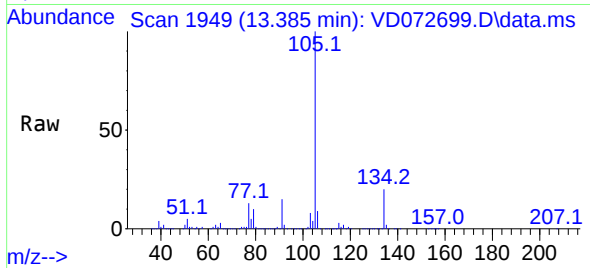
Tgt Ion:105 Resp: 963507
Ion Ratio Lower Upper
105 100
120 44.7 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 47.080 ug/l
 RT: 13.385 min Scan# 1950
 Delta R.T. -0.006 min
 Lab File: VD072699.D
 Acq: 22 Apr 2022 17:36

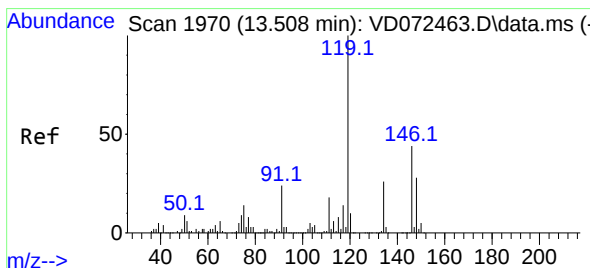
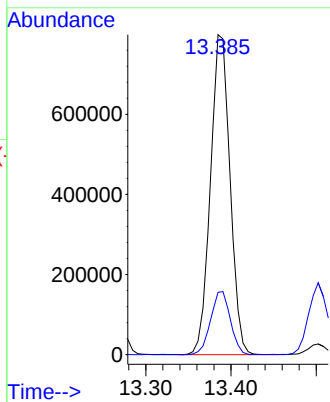
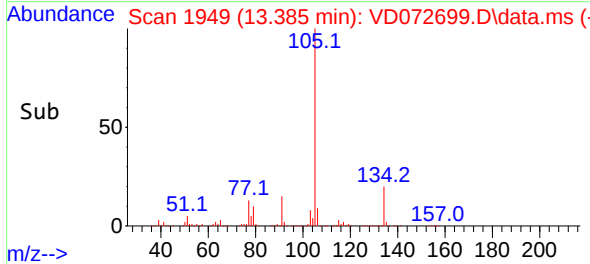
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 127856
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

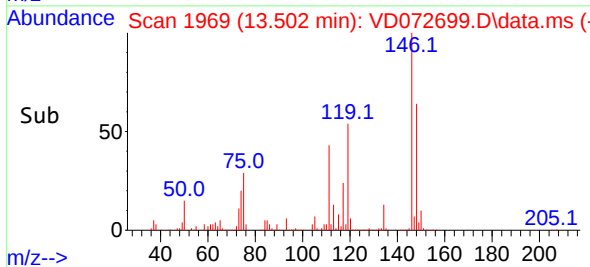
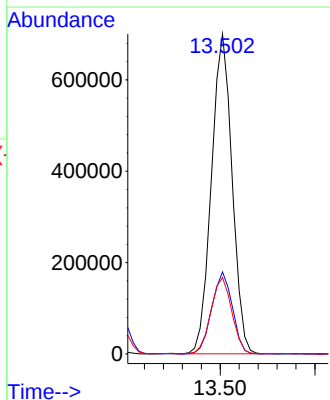
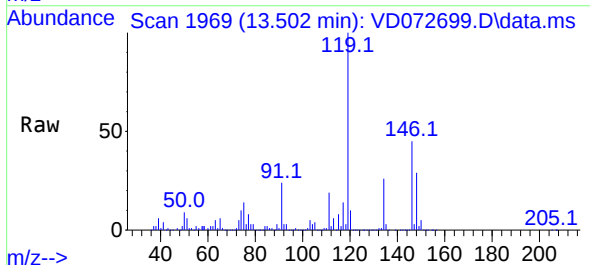
Manual Integrations
 APPROVED

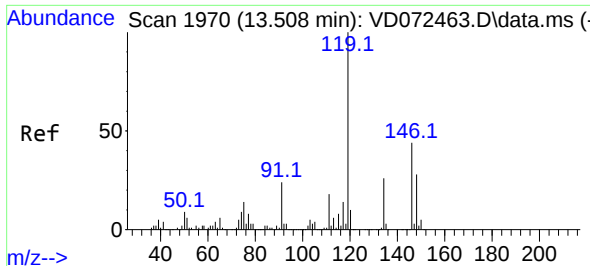
Reviewed By :John Carlone 04/25/2022
 Supervised By :Mahesh Dadoda 04/25/2022



#86
 p-Isopropyltoluene
 Concen: 47.780 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD072699.D
 Acq: 22 Apr 2022 17:36

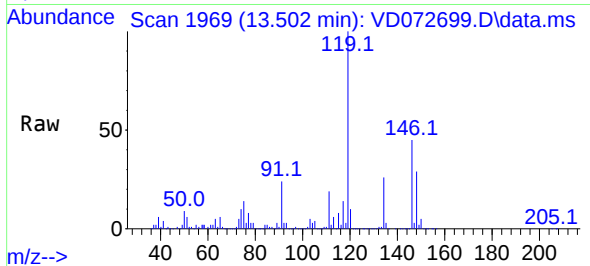
Tgt Ion:119 Resp: 1060599
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.6
 91 24.0 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 46.122 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

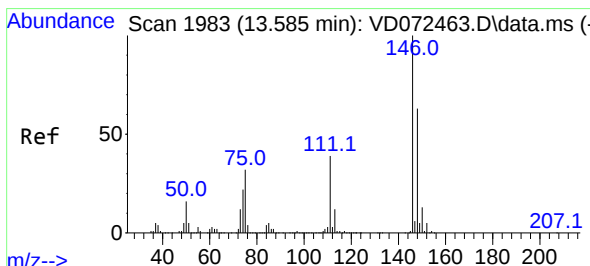
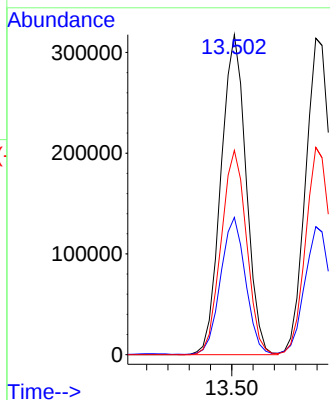
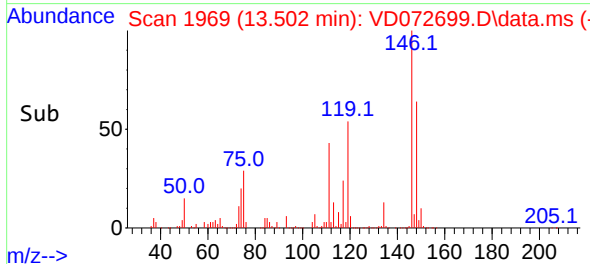
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



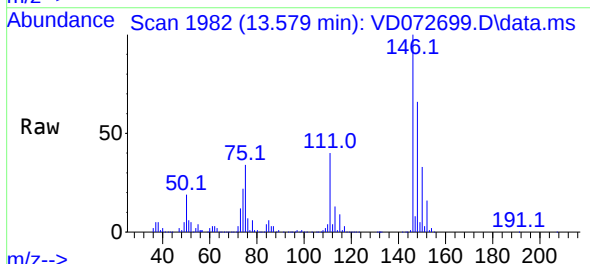
Tgt Ion:146 Resp: 520880
Ion Ratio Lower Upper
146 100
111 42.4 20.4 61.3
148 64.4 31.9 95.7

Manual Integrations
APPROVED

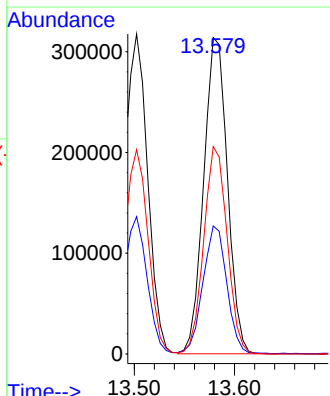
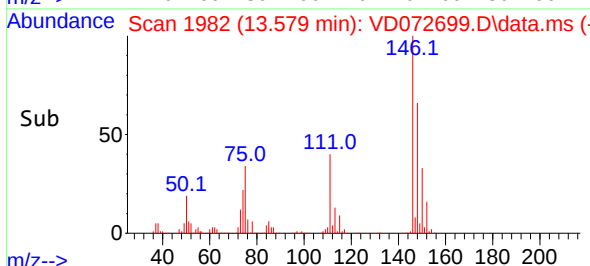
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

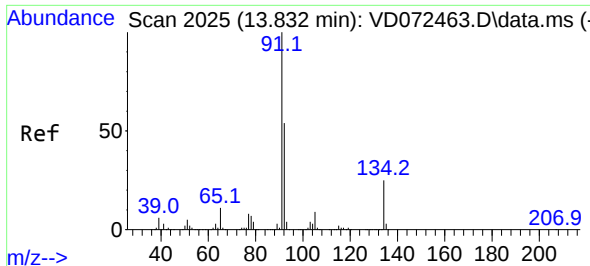


#88
1,4-Dichlorobenzene
Concen: 45.495 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36



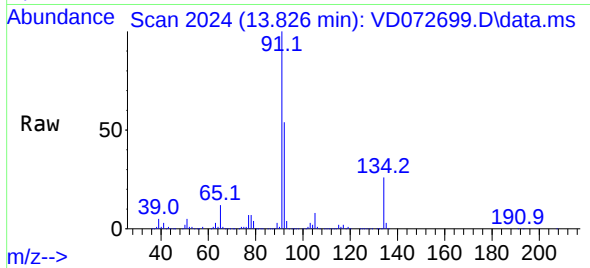
Tgt Ion:146 Resp: 517850
Ion Ratio Lower Upper
146 100
111 40.5 20.3 60.9
148 64.7 31.7 95.1





#89
n-Butylbenzene
Concen: 47.205 ug/l
RT: 13.826 min Scan# 2025
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

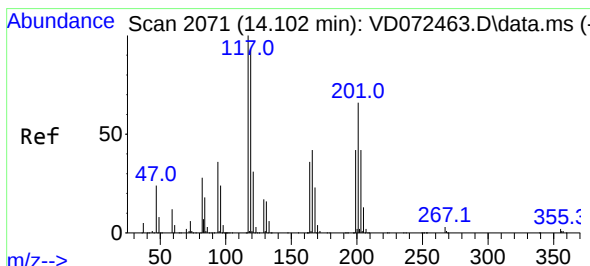
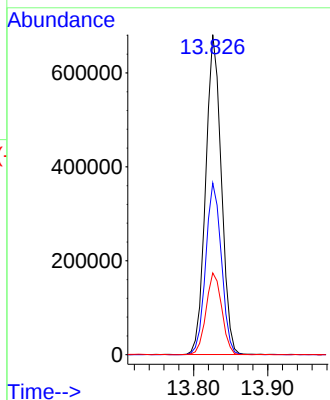
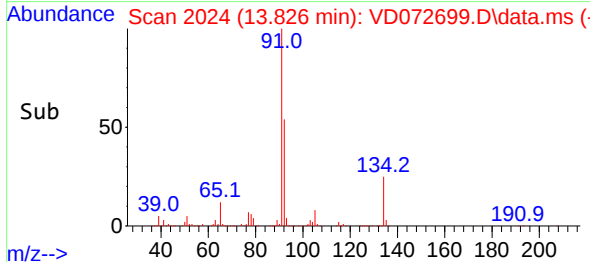
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 99819
Ion Ratio Lower Upper
91 100
92 53.8 26.6 79.8
134 25.7 12.3 36.9

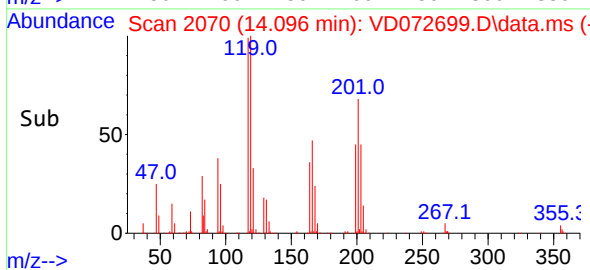
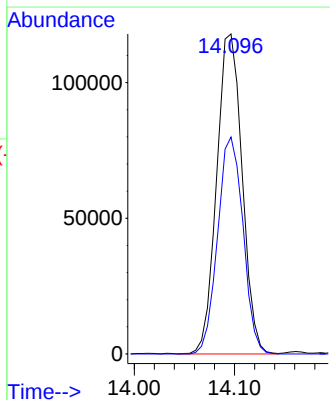
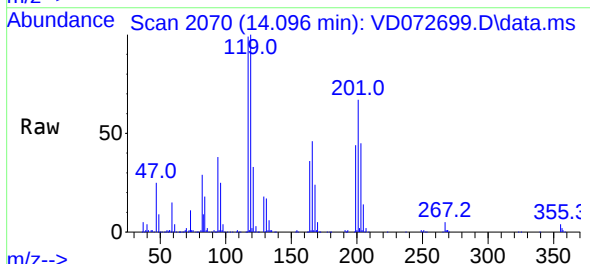
Manual Integrations
APPROVED

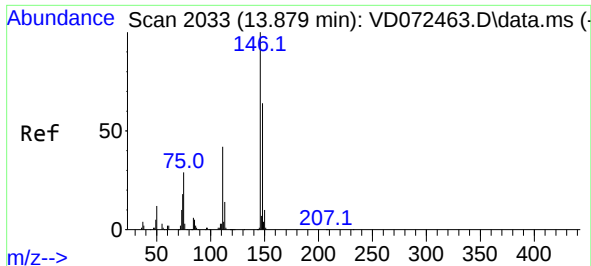
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#90
Hexachloroethane
Concen: 45.793 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

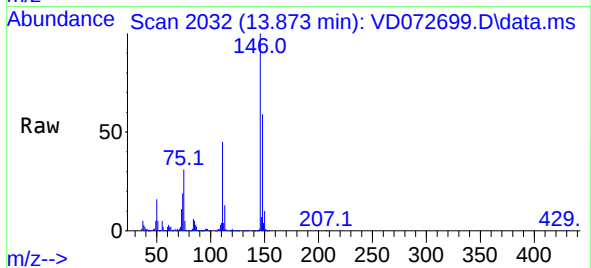
Tgt Ion:117 Resp: 208091
Ion Ratio Lower Upper
117 100
201 67.3 33.4 100.2





#91
1,2-Dichlorobenzene
Concen: 46.914 ug/l
RT: 13.873 min Scan# 2033
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

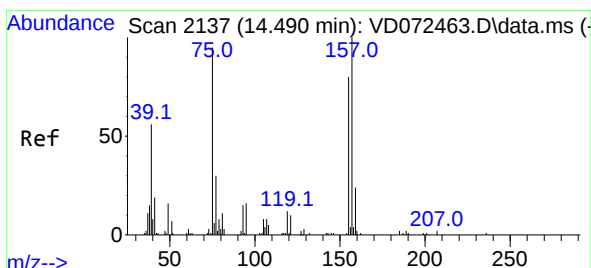
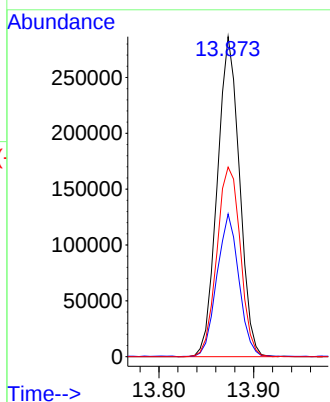
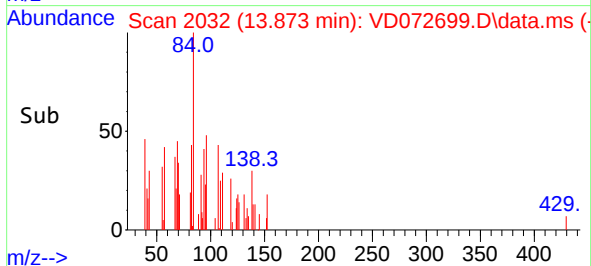
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 467308
Ion Ratio Lower Upper
146 100
111 44.4 21.1 63.3
148 62.7 31.7 95.1

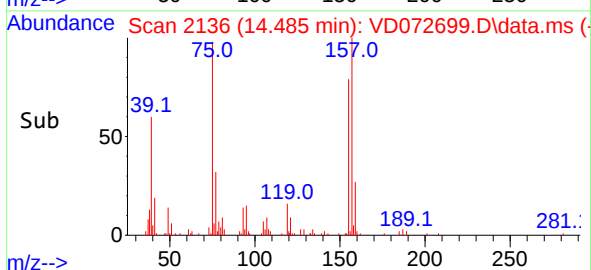
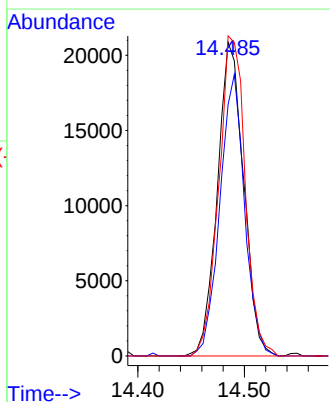
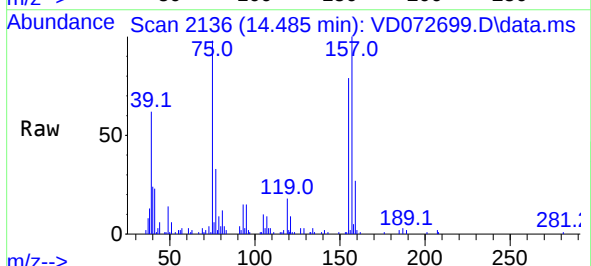
Manual Integrations
APPROVED

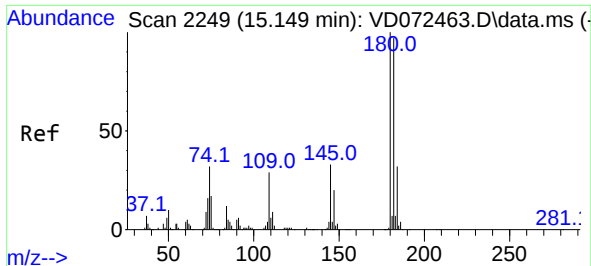
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.370 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

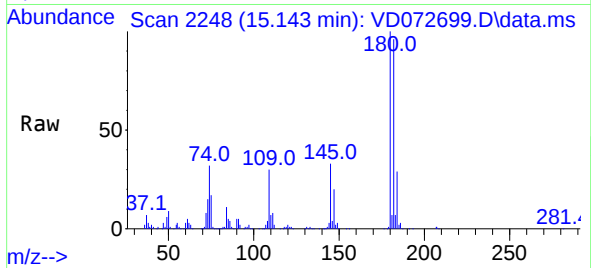
Tgt Ion: 75 Resp: 35673
Ion Ratio Lower Upper
75 100
155 84.6 36.8 110.3
157 102.7 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 46.896 ug/l
RT: 15.143 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

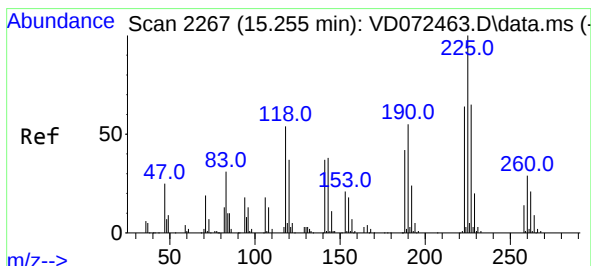
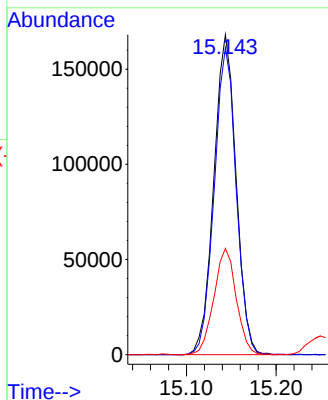
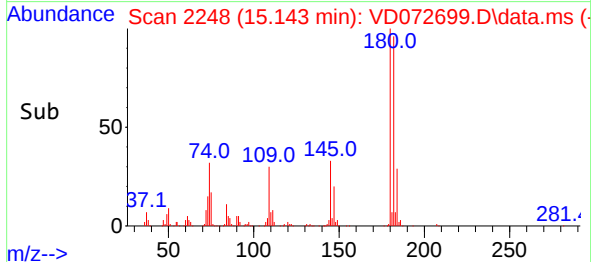
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



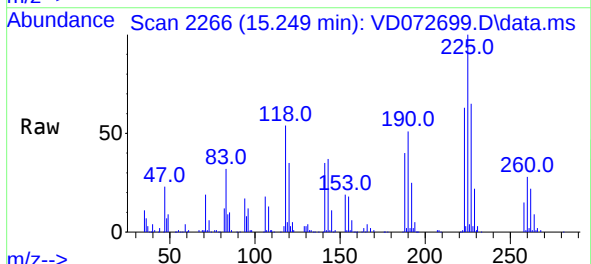
Tgt Ion:180 Resp: 28955
Ion Ratio Lower Upper
180 100
182 94.5 47.3 142.0
145 33.4 16.2 48.5

Manual Integrations
APPROVED

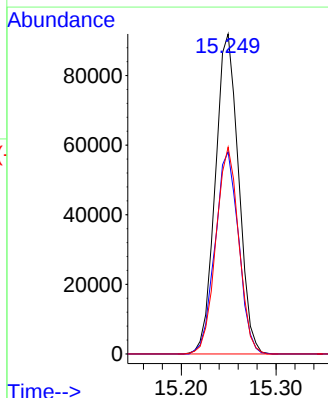
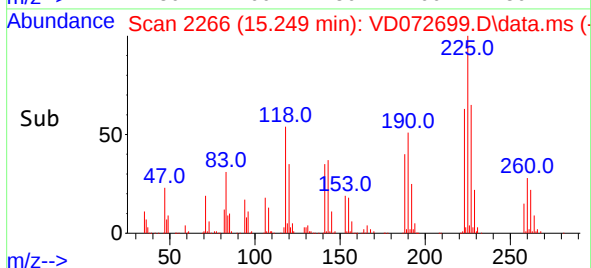
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

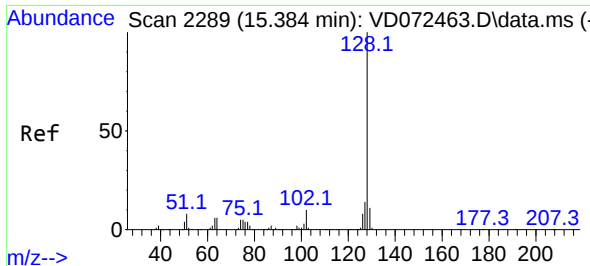


#94
Hexachlorobutadiene
Concen: 45.305 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36



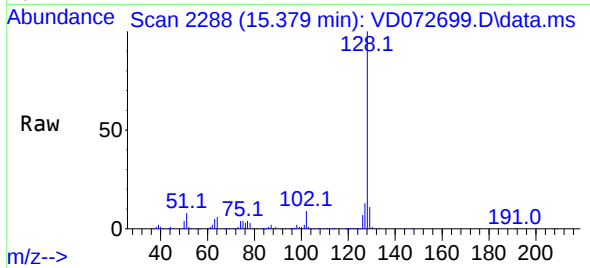
Tgt Ion:225 Resp: 156685
Ion Ratio Lower Upper
225 100
223 64.0 31.1 93.2
227 63.6 32.4 97.0





#95
Naphthalene
Concen: 47.812 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

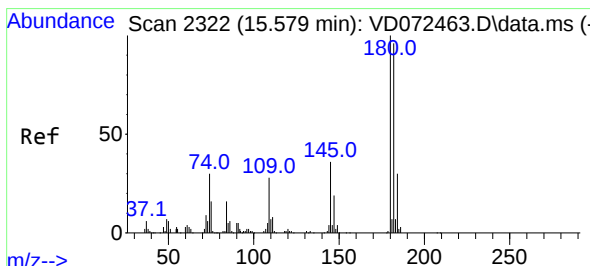
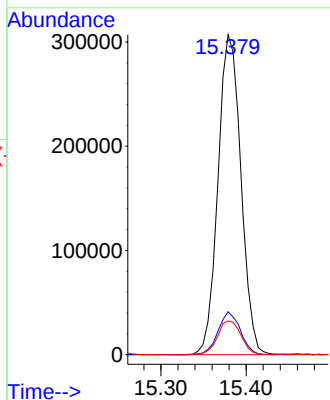
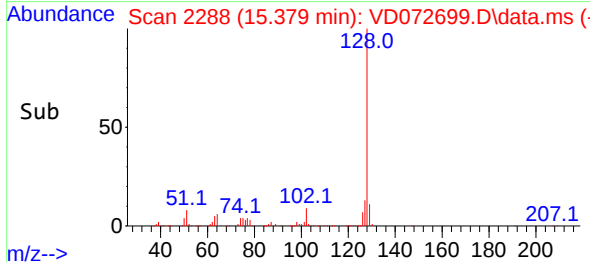
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 57360
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#96
1,2,3-Trichlorobenzene
Concen: 47.002 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD072699.D
Acq: 22 Apr 2022 17:36

Tgt Ion:180 Resp: 253285
Ion Ratio Lower Upper
180 100
182 94.1 47.6 142.9
145 34.9 17.1 51.3

