

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042722\
 Data File : VD072715.D
 Acq On : 27 Apr 2022 13:56
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/28/2022
 Supervised By : Mahesh Dadoda 04/28/2022

Quant Time: Apr 27 14:10:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D042722S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 27 13:58:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	357441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	615383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	577923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	270325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	452925	105.346	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 210.700%#			
35) Dibromofluoromethane	7.909	113	418809	91.347	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 182.700%#			
50) Toluene-d8	10.332	98	1606730	100.721	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 201.440%#			
62) 4-Bromofluorobenzene	12.620	95	572928	91.659	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 183.320%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	489639	164.036	ug/l	96
3) Chloromethane	2.215	50	539847	187.660	ug/l	98
4) Vinyl Chloride	2.350	62	493510	170.813	ug/l	97
5) Bromomethane	2.756	94	315495	150.390	ug/l	94
6) Chloroethane	2.915	64	295662	149.120	ug/l	95
7) Trichlorofluoromethane	3.274	101	814418	133.909	ug/l	97
8) Diethyl Ether	3.709	74	225958	122.539	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	471441	118.332	ug/l	99
10) Methyl Iodide	4.297	142	552241	167.230	ug/l	99
11) Tert butyl alcohol	5.226	59	133266	549.801	ug/l	97
12) 1,1-Dichloroethene	4.068	96	438259	137.694	ug/l	96
13) Acrolein	3.926	56	167740	1122.888	ug/l	95
14) Allyl chloride	4.715	41	755696	145.981	ug/l	96
15) Acrylonitrile	5.415	53	511549	556.223	ug/l	98
16) Acetone	4.156	43	400254	496.724	ug/l	97
17) Carbon Disulfide	4.409	76	1454680	226.225	ug/l	98
18) Methyl Acetate	4.715	43	248559	107.406	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	1052753	113.346	ug/l	98
20) Methylene Chloride	4.962	84	578997	115.629	ug/l	92
21) trans-1,2-Dichloroethene	5.473	96	515422	143.879	ug/l	94
22) Diisopropyl ether	6.362	45	1563067	121.448	ug/l	96
23) Vinyl Acetate	6.303	43	4345474	686.658	ug/l	95
24) 1,1-Dichloroethane	6.262	63	906264	117.932	ug/l	99
25) 2-Butanone	7.209	43	630905	561.843	ug/l	91
26) 2,2-Dichloropropane	7.203	77	784123	116.493	ug/l	98
27) cis-1,2-Dichloroethene	7.209	96	571611	119.669	ug/l	95
28) Bromochloromethane	7.544	49	360714	108.259	ug/l	90
29) Tetrahydrofuran	7.562	42	422188	614.778	ug/l	96
30) Chloroform	7.709	83	936893	109.538	ug/l	96
31) Cyclohexane	7.985	56	846485	148.489	ug/l	93
32) 1,1,1-Trichloroethane	7.903	97	839350	116.719	ug/l	97
36) 1,1-Dichloropropene	8.109	75	722292	131.771	ug/l	99
37) Ethyl Acetate	7.291	43	292433	114.132	ug/l #	98
38) Carbon Tetrachloride	8.091	117	731678	116.057	ug/l	96
39) Methylcyclohexane	9.350	83	885918	147.492	ug/l	99
40) Benzene	8.350	78	2009322	123.372	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	177350	124.396	ug/l	93
42) 1,2-Dichloroethane	8.420	62	586389	116.291	ug/l	98
43) Isopropyl Acetate	8.450	43	578852	118.481	ug/l #	96
44) Trichloroethene	9.108	130	529399	116.127	ug/l	99
45) 1,2-Dichloropropane	9.379	63	508872	112.045	ug/l	99
46) Dibromomethane	9.467	93	270055	112.195	ug/l	99
47) Bromodichloromethane	9.656	83	724417	106.120	ug/l	99
48) Methyl methacrylate	9.450	41	304561	126.702	ug/l	95
49) 1,4-Dioxane	9.456	88	56592	1968.092	ug/l	99
51) 4-Methyl-2-Pentanone	10.220	43	1458068	559.047	ug/l	96
52) Toluene	10.397	92	1281983	119.402	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	671481	112.763	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	775203	110.069	ug/l	92
55) 1,1,2-Trichloroethane	10.791	97	364580	101.522	ug/l	96
56) Ethyl methacrylate	10.655	69	471939	115.735	ug/l	91
57) 1,3-Dichloropropane	10.938	76	643767	107.415	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	1183012	634.147	ug/l	98
59) 2-Hexanone	10.973	43	989878	558.261	ug/l	96
60) Dibromochloromethane	11.132	129	455845	98.891	ug/l	100
61) 1,2-Dibromoethane	11.238	107	350626	108.335	ug/l	98
64) Tetrachloroethene	10.873	164	417922	114.591	ug/l	98
65) Chlorobenzene	11.661	112	1328373	106.819	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	491845	99.369	ug/l	99
67) Ethyl Benzene	11.738	91	2485848	114.783	ug/l	99
68) m/p-Xylenes	11.844	106	1892247	229.784	ug/l	99
69) o-Xylene	12.173	106	900877	113.321	ug/l	97
70) Styrene	12.185	104	1519615	108.919	ug/l	99
71) Bromoform	12.350	173	248118	93.851	ug/l #	98
73) Isopropylbenzene	12.467	105	2346801	112.233	ug/l	100
74) N-amyl acetate	12.279	43	555047	120.389	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	385104	94.160	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	298581m	101.080	ug/l	
77) Bromobenzene	12.749	156	509621	107.022	ug/l	98
78) n-propylbenzene	12.808	91	2912463	114.731	ug/l	100
79) 2-Chlorotoluene	12.897	91	1644722	110.616	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1973927	109.752	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	131657	110.706	ug/l	93
82) 4-Chlorotoluene	12.991	91	1712173	109.939	ug/l	100
83) tert-Butylbenzene	13.208	119	1675358	108.303	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	1934980	109.560	ug/l	99
85) sec-Butylbenzene	13.391	105	2516683	108.441	ug/l	100
86) p-Isopropyltoluene	13.502	119	2065597	108.488	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	1003237	102.187	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	986737	99.754	ug/l	100
89) n-Butylbenzene	13.826	91	2033064	111.975	ug/l	99
90) Hexachloroethane	14.096	117	400210	102.338	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	864425	100.052	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	64112	105.281	ug/l	99
93) 1,2,4-Trichlorobenzene	15.143	180	524687	98.694	ug/l	99
94) Hexachlorobutadiene	15.249	225	282602	95.855	ug/l	99
95) Naphthalene	15.385	128	993684	95.625	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	448374	96.441	ug/l	99

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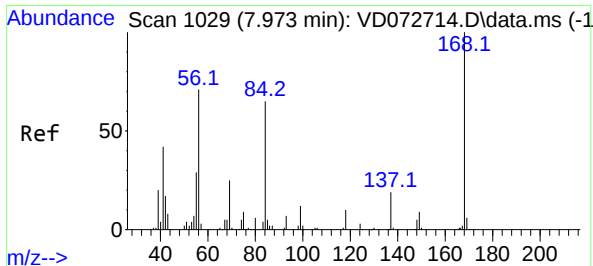
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/28/2022

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Quant Title : SW846 8260
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Response via : Initial Calibration

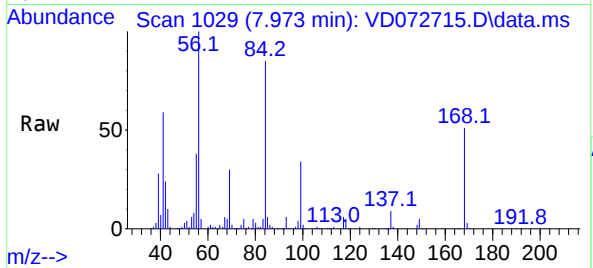
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

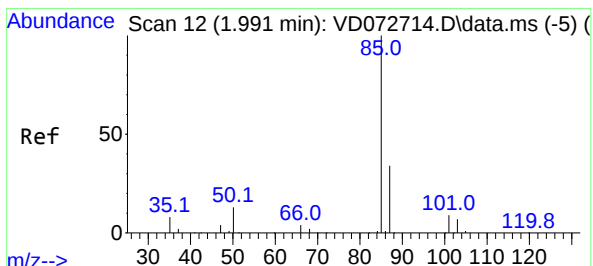
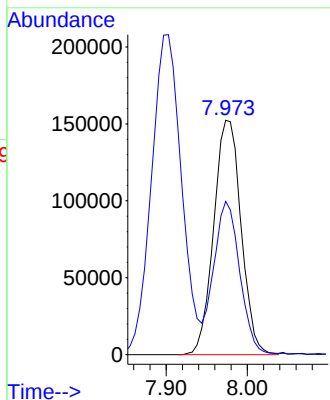
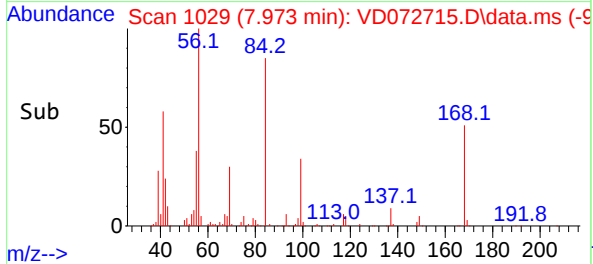
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ClientSampleId :
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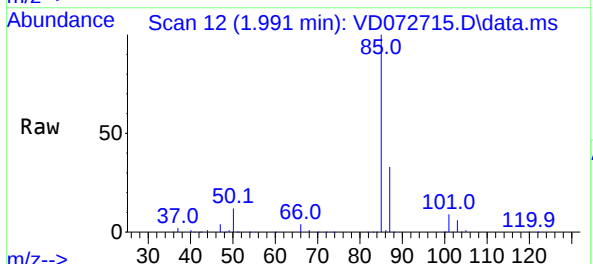
Tgt Ion:168 Resp: 35744
Ion Ratio Lower Upper
168 100
99 65.0 49.8 74.6

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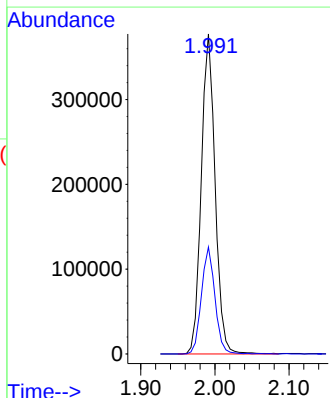
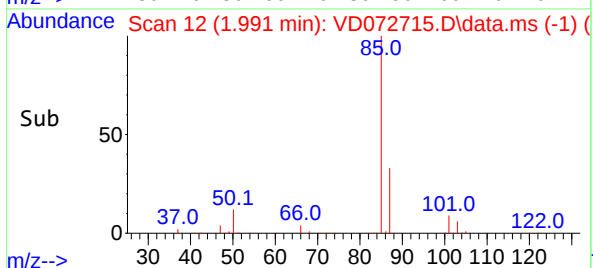
Reviewed By :John Carlone 04/28/2022
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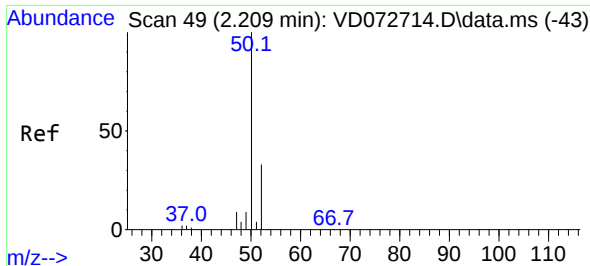


#2
Dichlorodifluoromethane
Concen: 164.036 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56



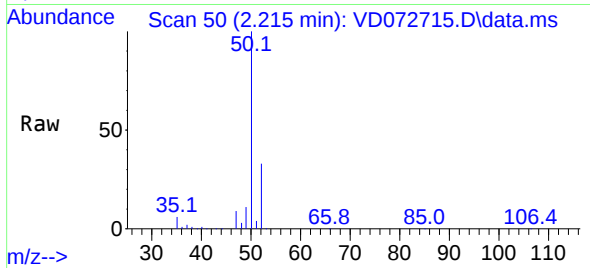
Tgt Ion: 85 Resp: 489639
Ion Ratio Lower Upper
85 100
87 33.4 15.7 47.0





#3
Chloromethane
Concen: 187.660 ug/l
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

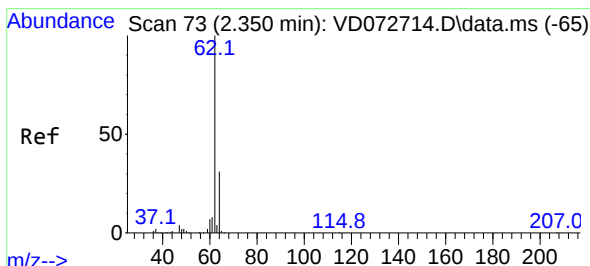
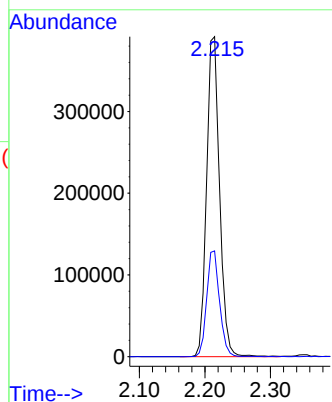
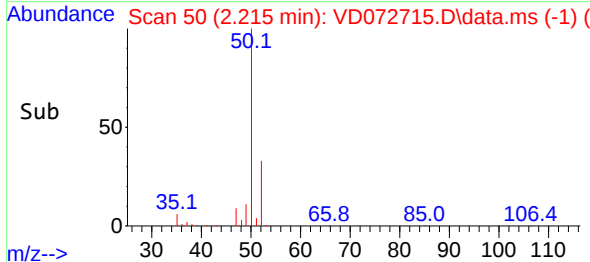
Instrument :
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ClientSampleId :
VSTDIC100



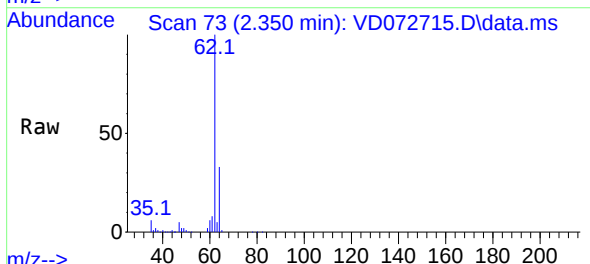
Tgt Ion: 50 Resp: 53984
Ion Ratio Lower Upper
50 100
52 33.0 27.4 41.0

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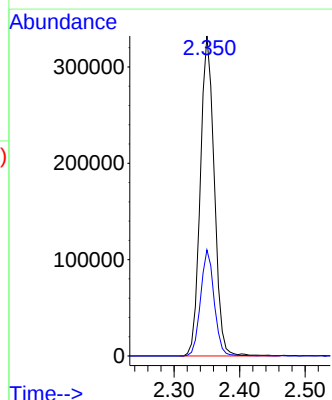
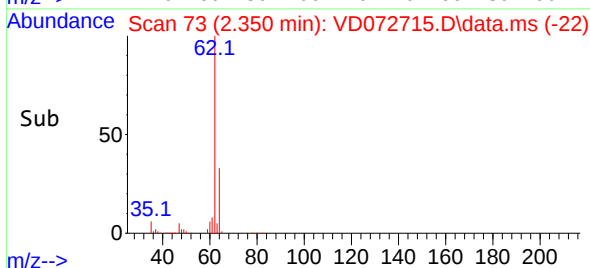
Reviewed By :John Carlone 04/28/2022
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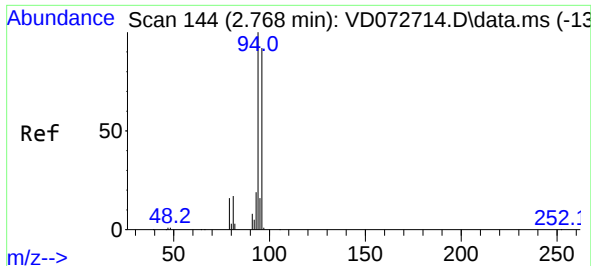


#4
Vinyl Chloride
Concen: 170.813 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56



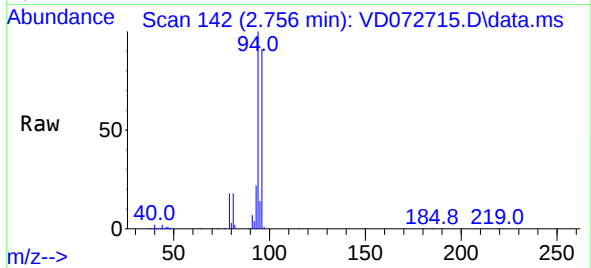
Tgt Ion: 62 Resp: 493510
Ion Ratio Lower Upper
62 100
64 33.1 25.4 38.0





#5
Bromomethane
Concen: 150.390 ug/l
RT: 2.756 min Scan# 144
Delta R.T. -0.012 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

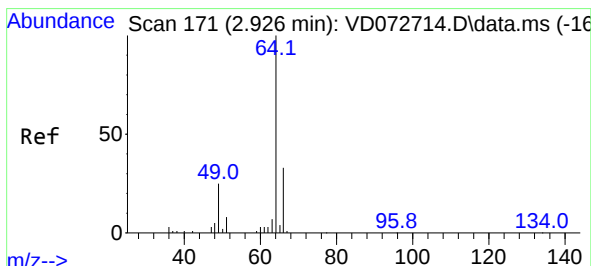
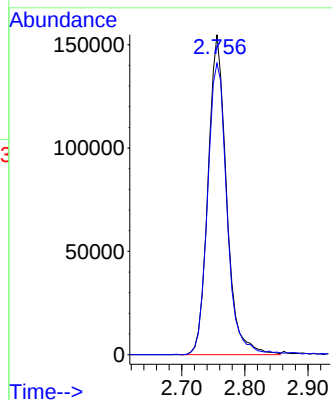
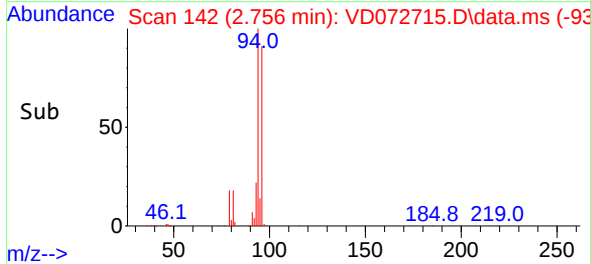
Instrument :
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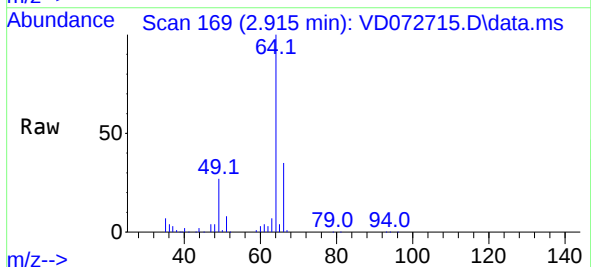
Tgt Ion: 94 Resp: 315498
Ion Ratio Lower Upper
94 100
96 91.0 77.6 116.4

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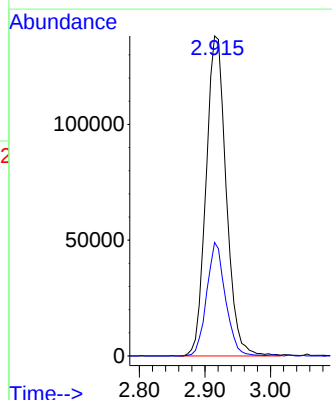
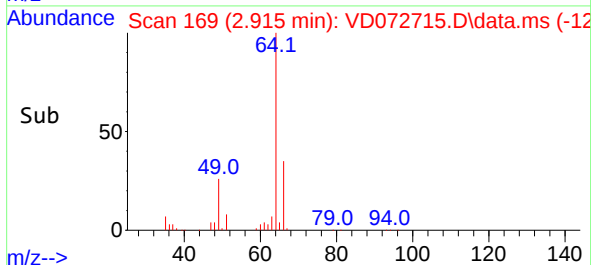
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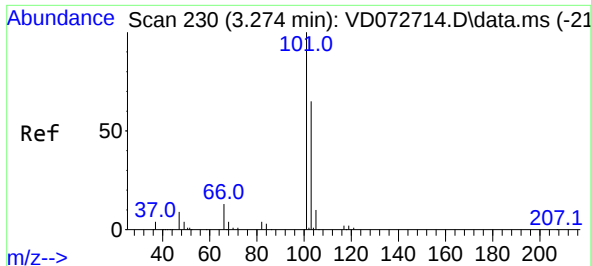


#6
Chloroethane
Concen: 149.120 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.012 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56



Tgt Ion: 64 Resp: 295662
Ion Ratio Lower Upper
64 100
66 35.5 25.9 38.9





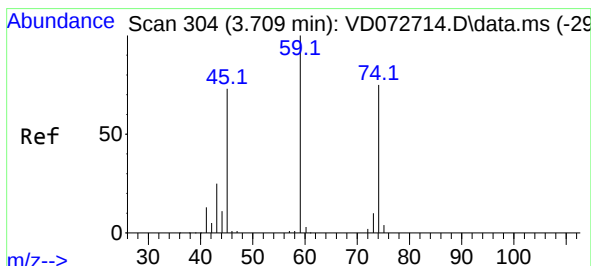
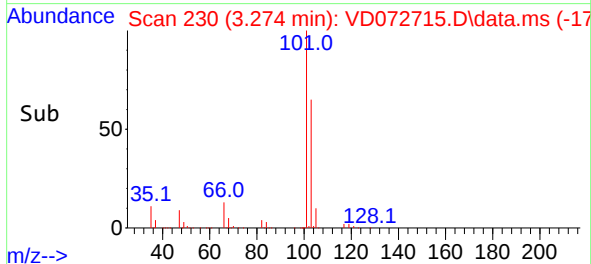
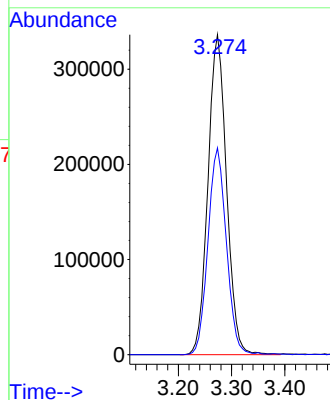
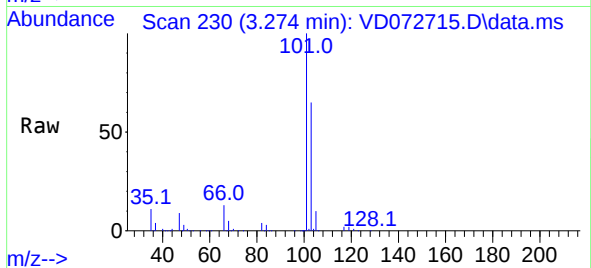
#7
Trichlorofluoromethane
Concen: 133.909 ug/l
RT: 3.274 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:101 Resp: 814418
Ion Ratio Lower Upper
101 100
103 64.6 50.1 75.1

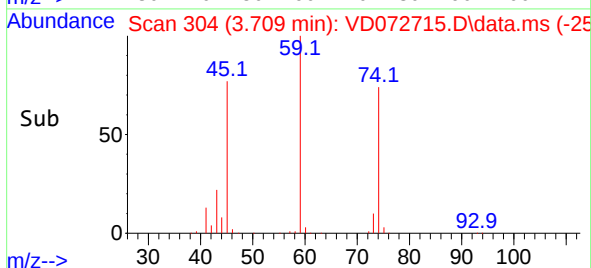
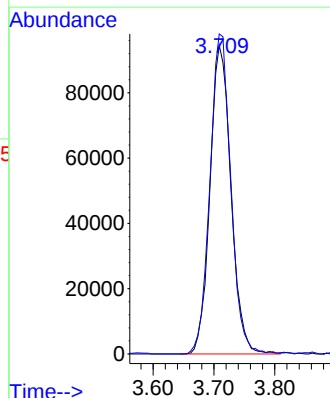
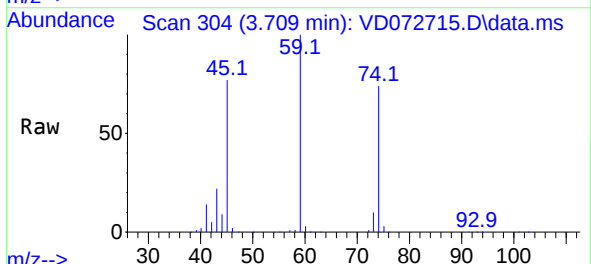
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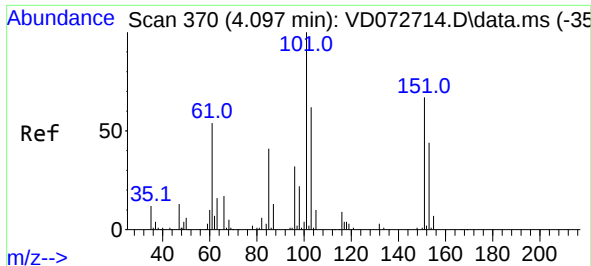
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#8
Diethyl Ether
Concen: 122.539 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

Tgt Ion: 74 Resp: 225958
Ion Ratio Lower Upper
74 100
45 103.0 52.6 157.8





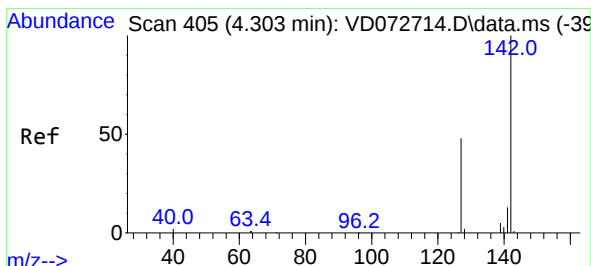
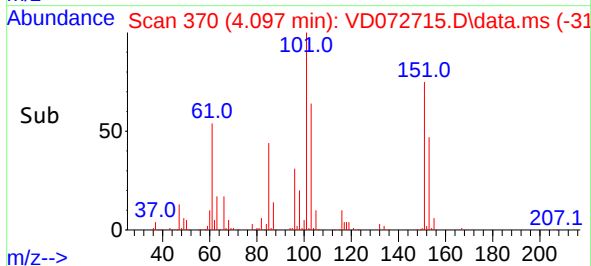
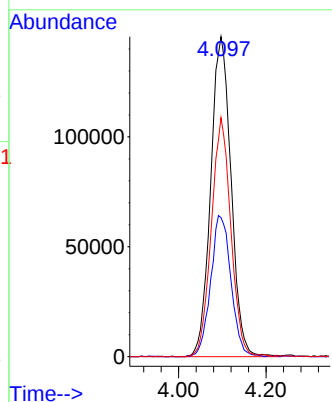
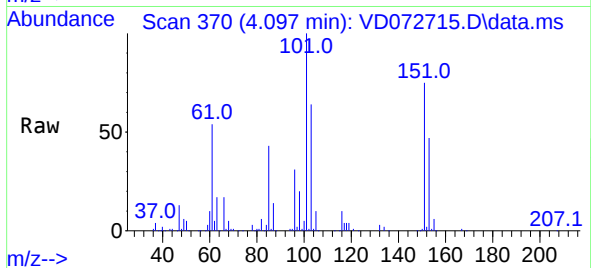
#9
1,1,2-Trichlorotrifluoroethane
Concen: 118.332 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 47144
Ion Ratio Lower Upper
101 100
85 43.9 36.4 54.6
151 71.2 57.3 85.9

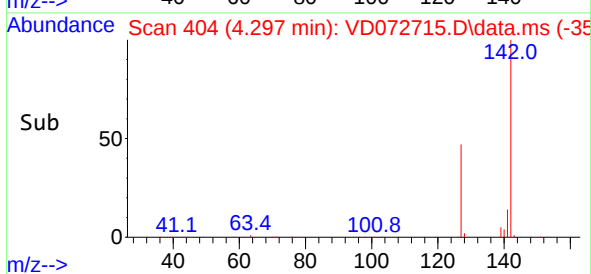
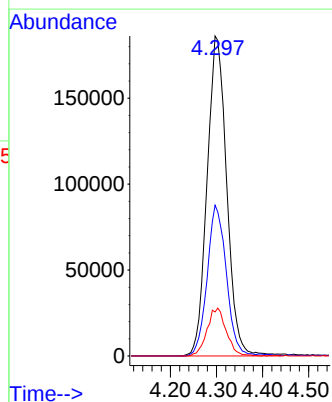
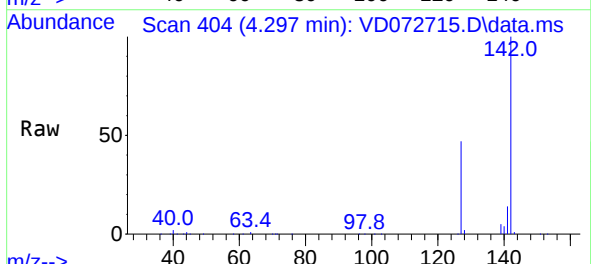
Manual Integrations
APPROVED

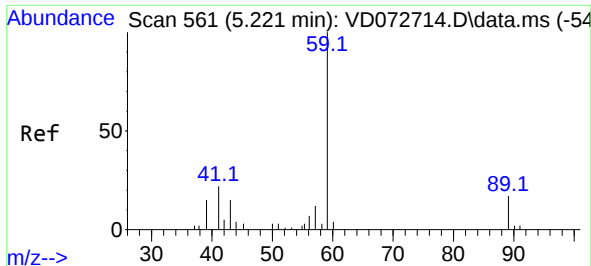
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#10
Methyl Iodide
Concen: 167.230 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

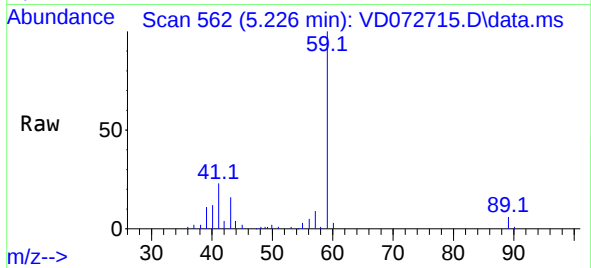
Tgt Ion:142 Resp: 552241
Ion Ratio Lower Upper
142 100
127 45.9 37.3 55.9
141 14.6 11.7 17.5





#11
Tert butyl alcohol
Concen: 549.801 ug/l
RT: 5.226 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

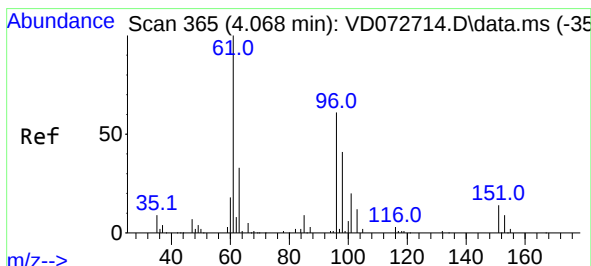
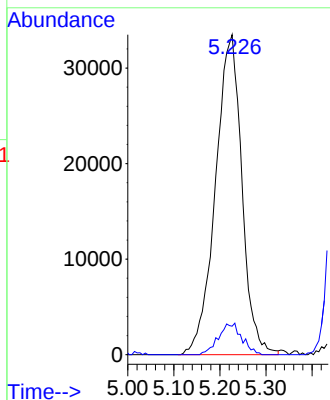
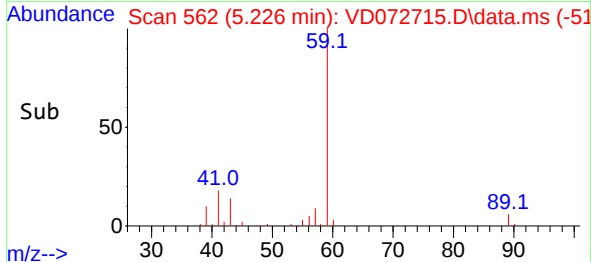
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



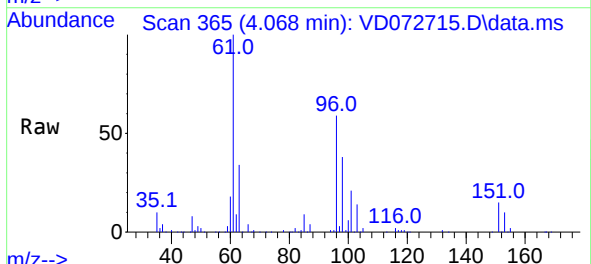
Tgt Ion: 59 Resp: 133260
Ion Ratio Lower Upper
59 100
57 8.7 7.8 11.6

Manual Integrations
APPROVED

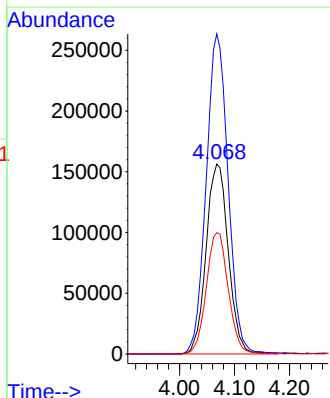
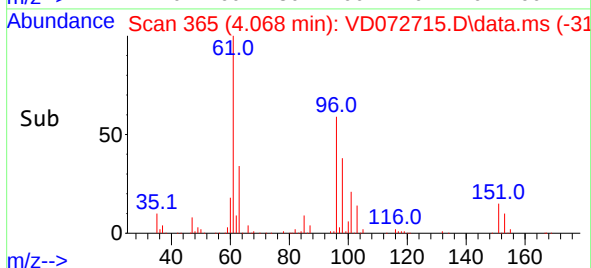
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

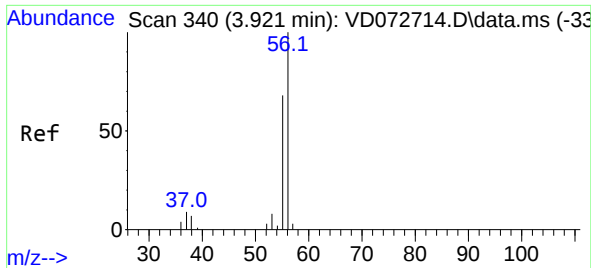


#12
1,1-Dichloroethene
Concen: 137.694 ug/l
RT: 4.068 min Scan# 365
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56



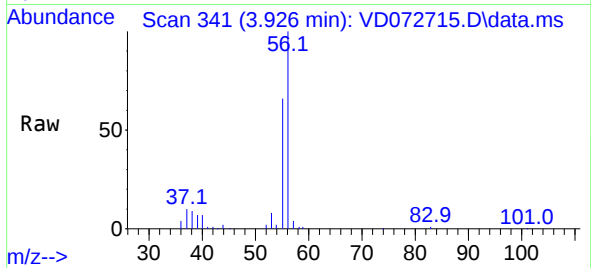
Tgt Ion: 96 Resp: 438259
Ion Ratio Lower Upper
96 100
61 168.5 138.5 207.7
98 63.9 48.6 73.0





#13
Acrolein
Concen: 1122.888 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

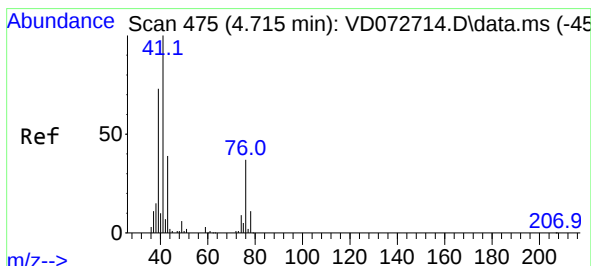
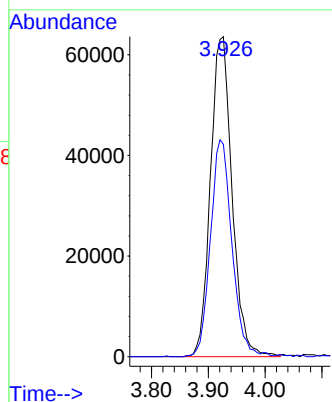
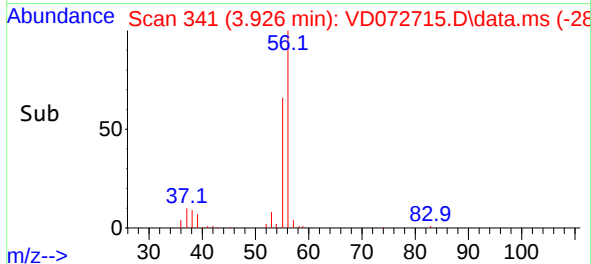
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



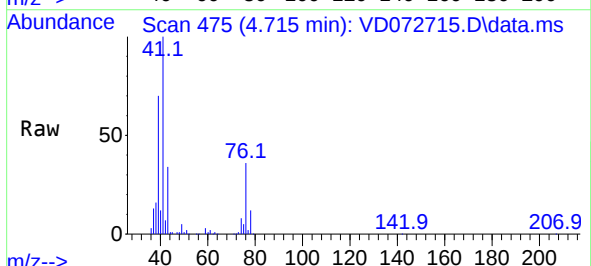
Tgt Ion: 56 Resp: 167740
Ion Ratio Lower Upper
56 100
55 67.4 57.1 85.7

Manual Integrations
APPROVED

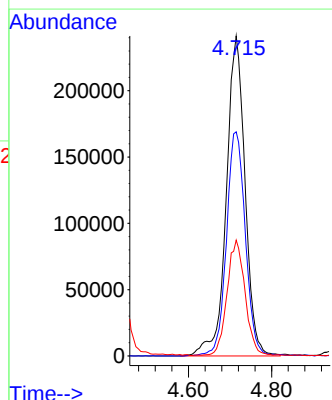
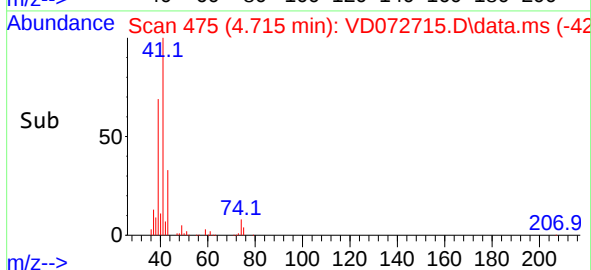
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

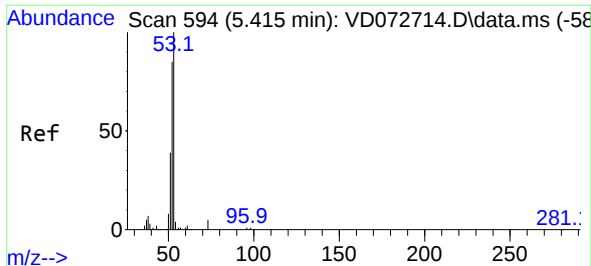


#14
Allyl chloride
Concen: 145.981 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56



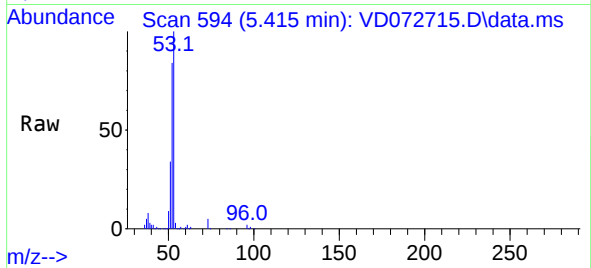
Tgt Ion: 41 Resp: 755696
Ion Ratio Lower Upper
41 100
39 70.7 59.3 88.9
76 34.6 25.7 38.5





#15
Acrylonitrile
Concen: 556.223 ug/l
RT: 5.415 min Scan# 511549
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

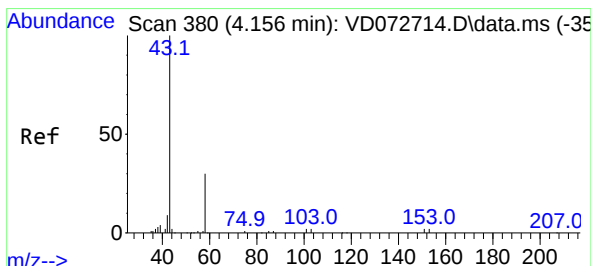
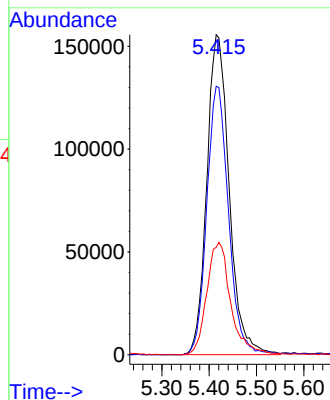
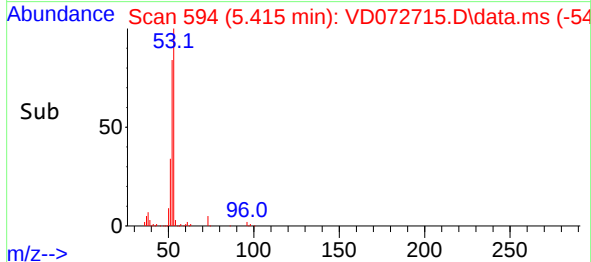
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



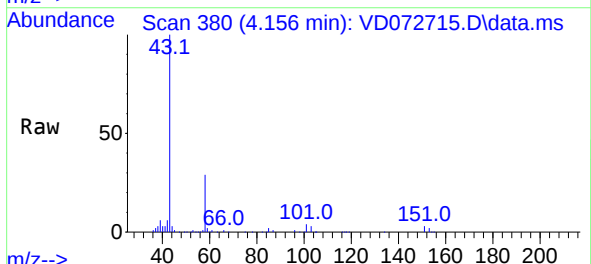
Tgt Ion: 53 Resp: 511549
Ion Ratio Lower Upper
53 100
52 81.6 67.2 100.8
51 37.5 30.3 45.5

Manual Integrations
APPROVED

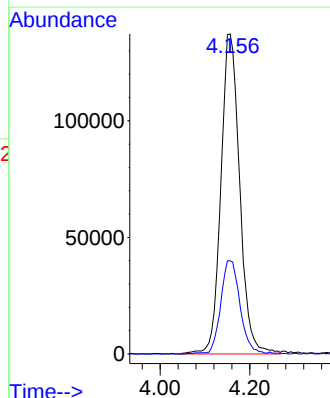
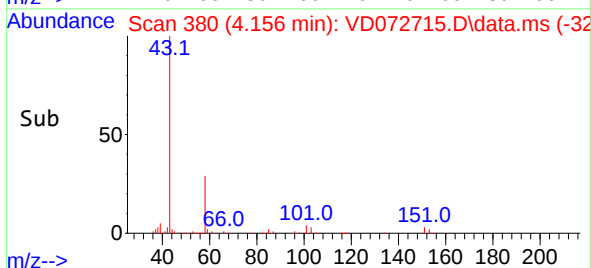
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

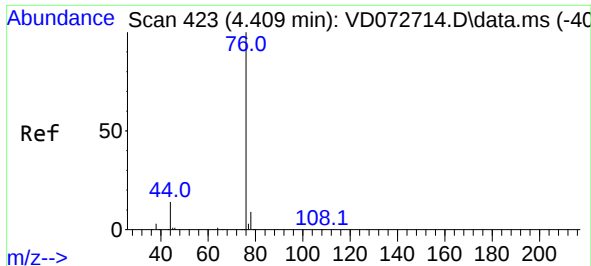


#16
Acetone
Concen: 496.724 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56



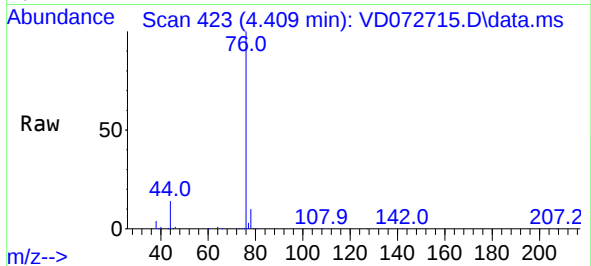
Tgt Ion: 43 Resp: 400254
Ion Ratio Lower Upper
43 100
58 29.1 22.1 33.1





#17
Carbon Disulfide
Concen: 226.225 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

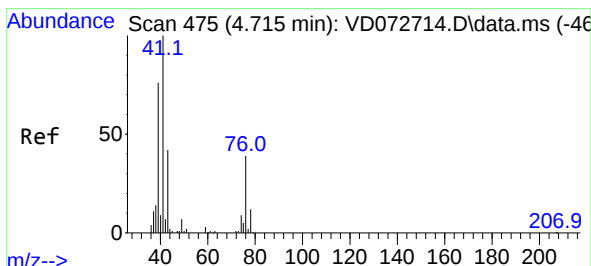
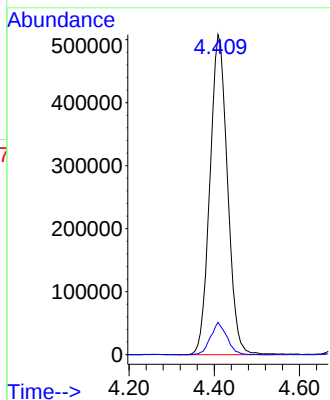
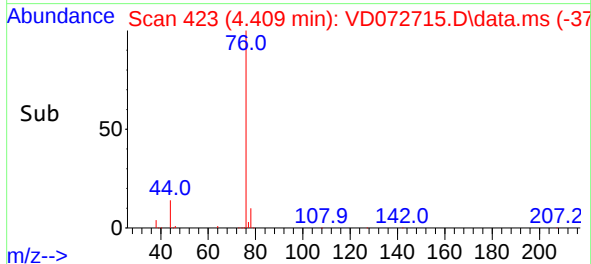
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



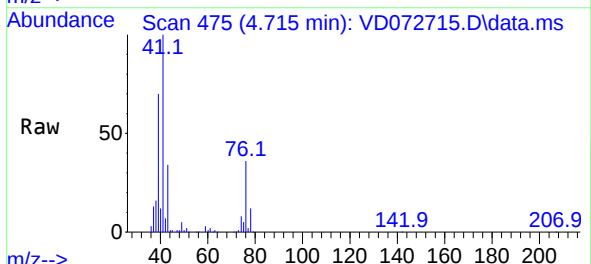
Tgt Ion: 76 Resp: 1454680
Ion Ratio Lower Upper
76 100
78 10.1 7.5 11.3

Manual Integrations
APPROVED

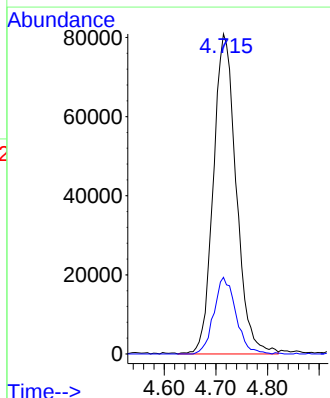
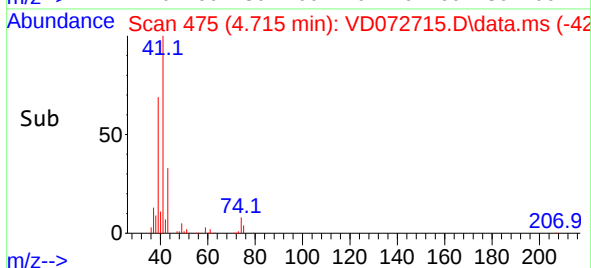
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

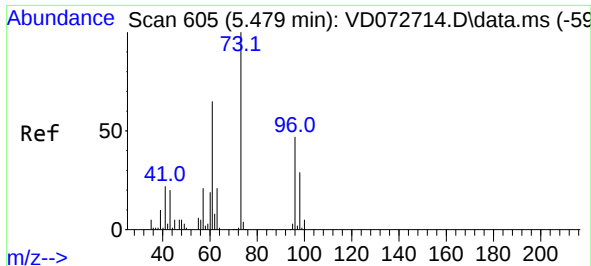


#18
Methyl Acetate
Concen: 107.406 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56



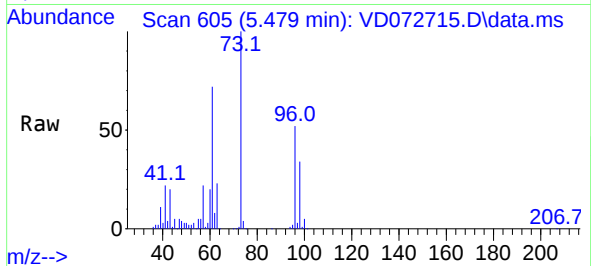
Tgt Ion: 43 Resp: 248559
Ion Ratio Lower Upper
43 100
74 23.0 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 113.346 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

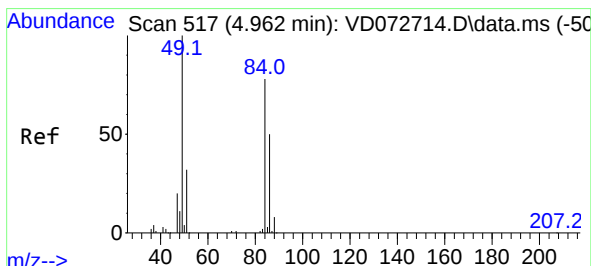
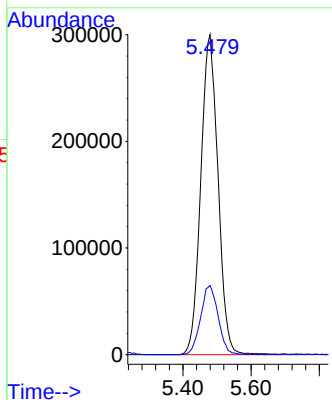
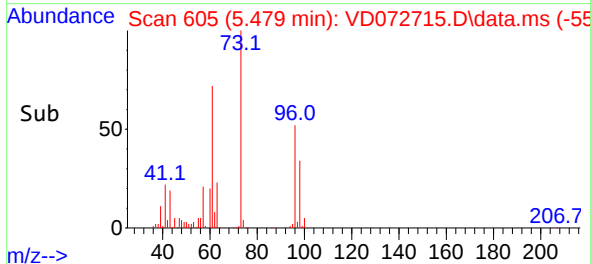
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



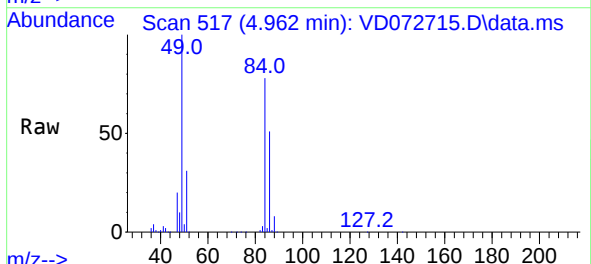
Tgt Ion: 73 Resp: 105275
Ion Ratio Lower Upper
73 100
57 21.6 18.0 27.0

Manual Integrations
APPROVED

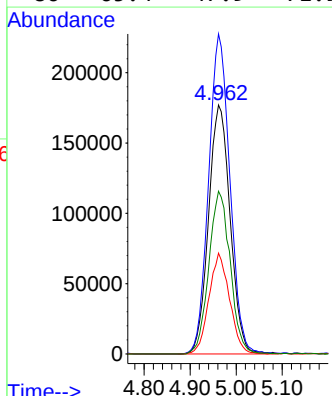
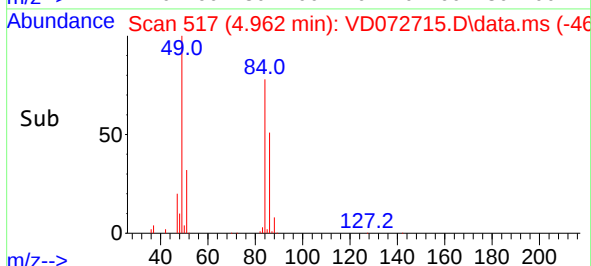
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

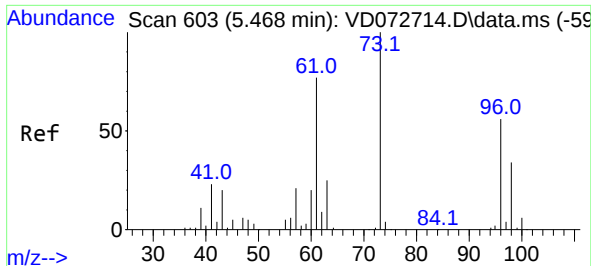


#20
Methylene Chloride
Concen: 115.629 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56



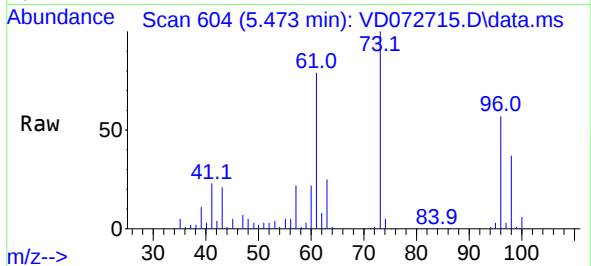
Tgt Ion: 84 Resp: 578997
Ion Ratio Lower Upper
84 100
49 128.5 112.8 169.2
51 40.5 32.6 48.8
86 65.4 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 143.879 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

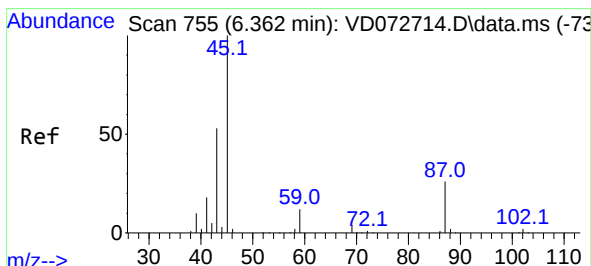
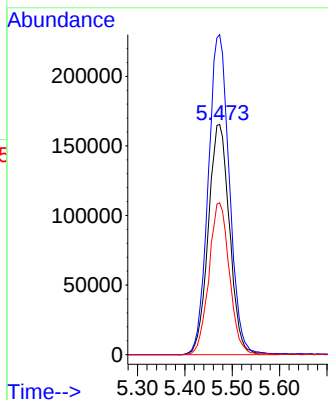
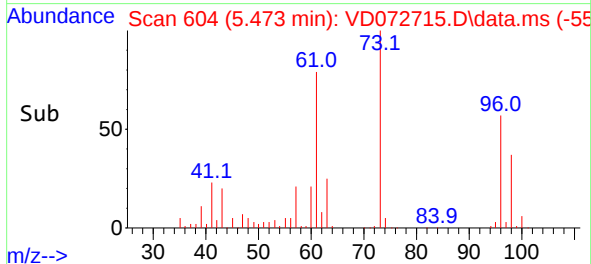
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



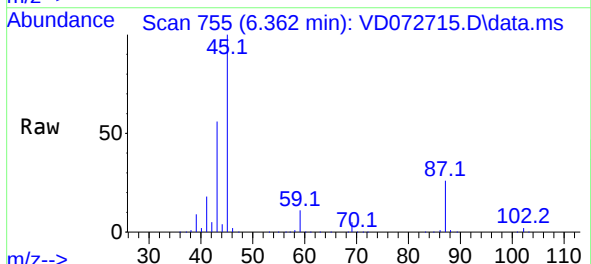
Tgt Ion: 96 Resp: 51542
Ion Ratio Lower Upper
96 100
61 139.0 117.9 176.9
98 66.0 49.4 74.2

Manual Integrations
APPROVED

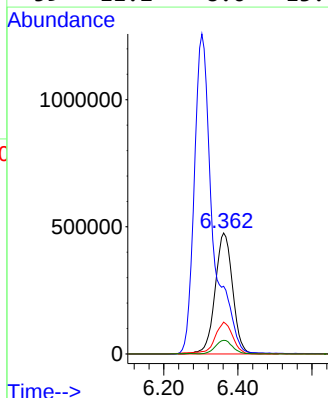
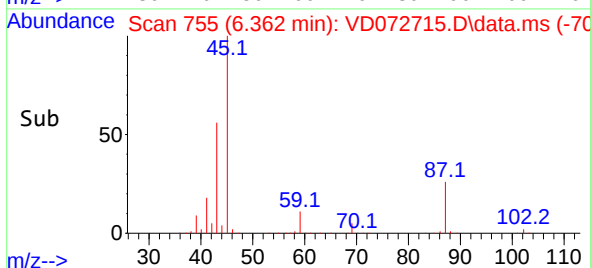
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

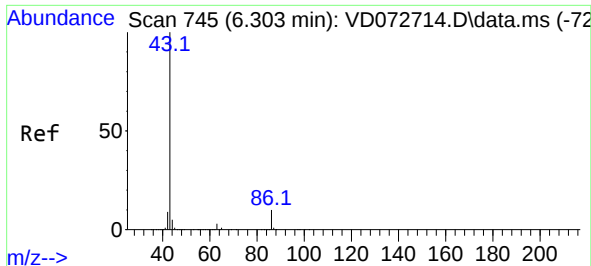


#22
Diisopropyl ether
Concen: 121.448 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56



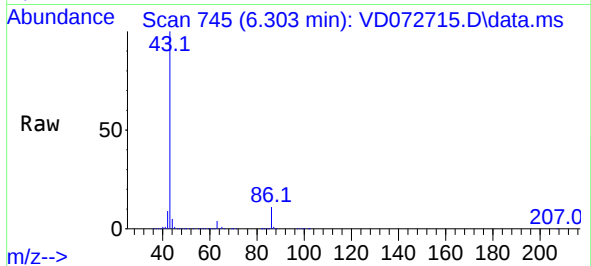
Tgt Ion: 45 Resp: 1563067
Ion Ratio Lower Upper
45 100
43 55.6 46.6 70.0
87 26.1 18.4 27.6
59 11.2 8.6 13.0





#23
 Vinyl Acetate
 Concen: 686.658 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072715.D
 Acq: 27 Apr 2022 13:56

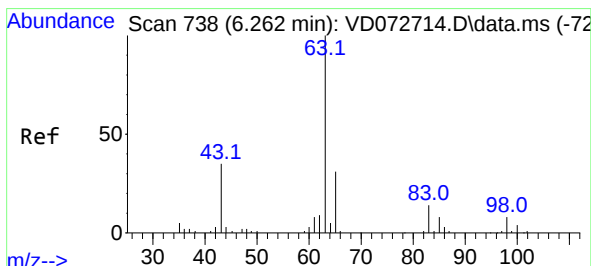
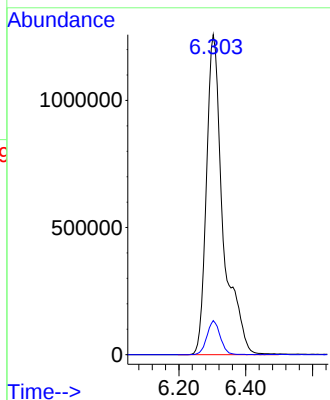
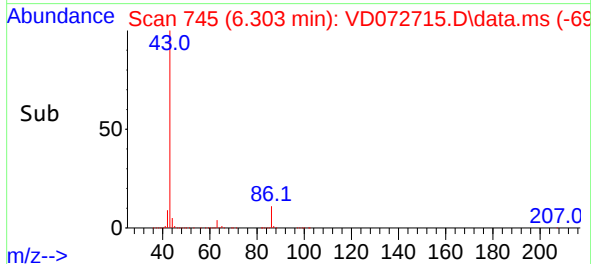
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100



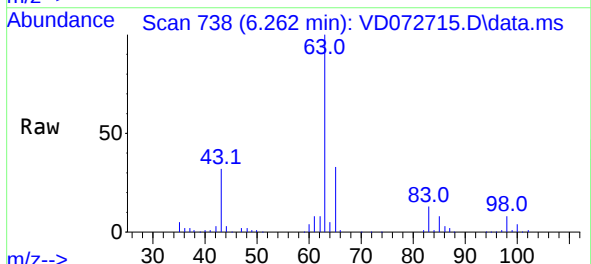
Tgt Ion: 43 Resp: 4345474
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.1 10.7

Manual Integrations
 APPROVED

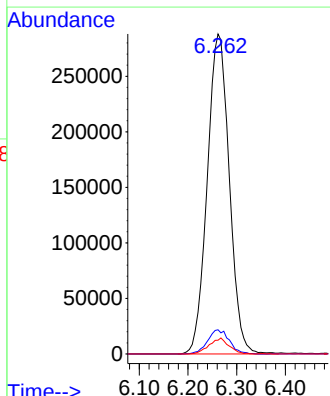
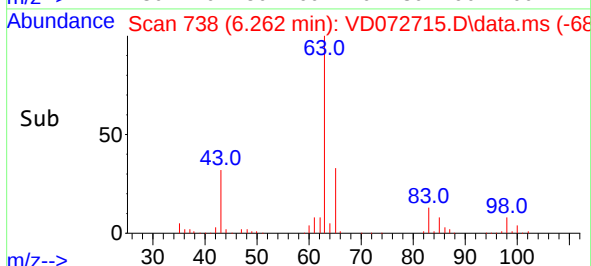
Reviewed By :John Carlone 04/28/2022
 Supervised By :Mahesh Dadoda 04/28/2022

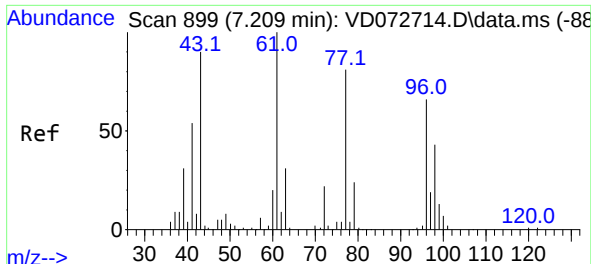


#24
 1,1-Dichloroethane
 Concen: 117.932 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD072715.D
 Acq: 27 Apr 2022 13:56



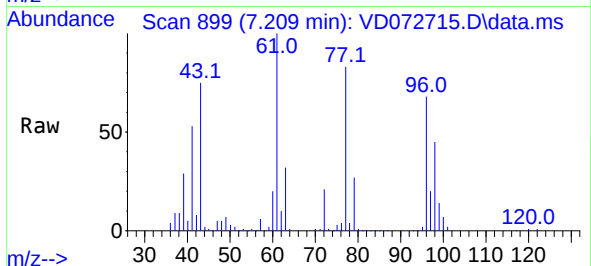
Tgt Ion: 63 Resp: 906264
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.9
 100 4.3 2.1 6.5





#25
2-Butanone
Concen: 561.843 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

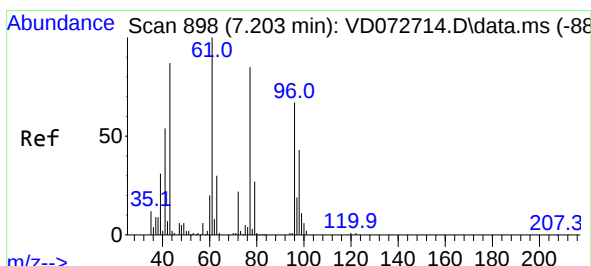
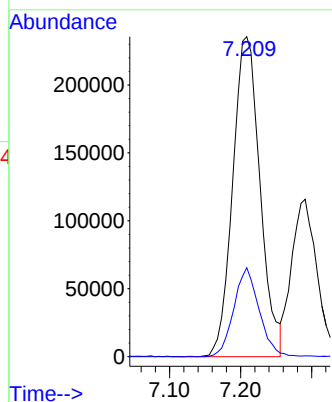
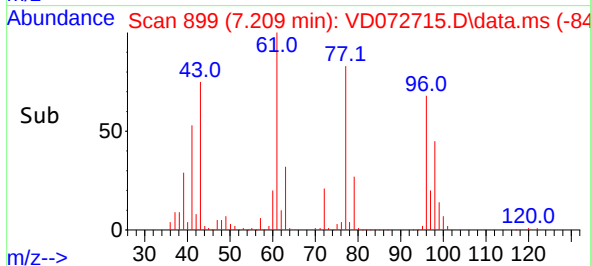
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



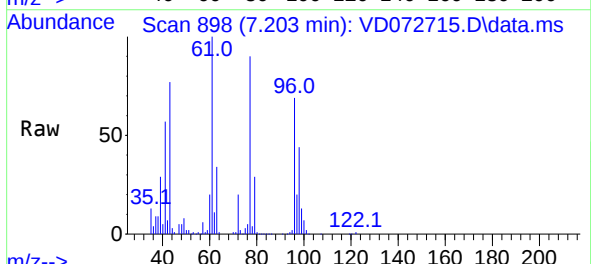
Tgt Ion: 43 Resp: 63090
Ion Ratio Lower Upper
43 100
72 27.8 18.6 27.8

Manual Integrations
APPROVED

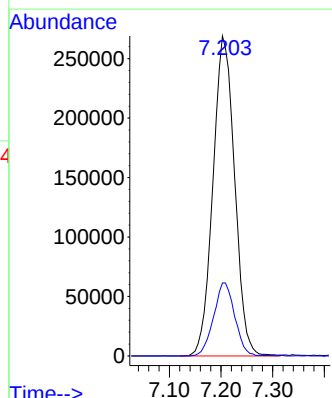
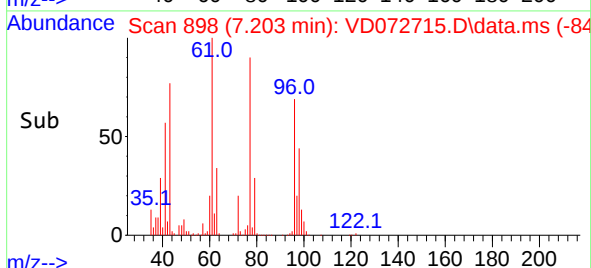
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

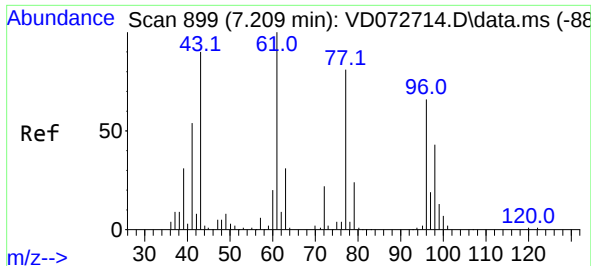


#26
2,2-Dichloropropane
Concen: 116.493 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56



Tgt Ion: 77 Resp: 784123
Ion Ratio Lower Upper
77 100
97 22.3 10.8 32.4





#27
 cis-1,2-Dichloroethene
 Concen: 119.669 ug/l
 RT: 7.209 min Scan# 899
 Delta R.T. -0.000 min
 Lab File: VD072715.D
 Acq: 27 Apr 2022 13:56

Instrument :

MSVOA_D

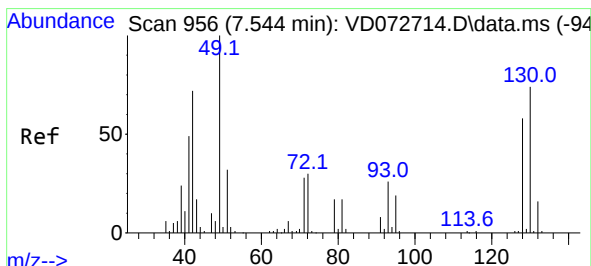
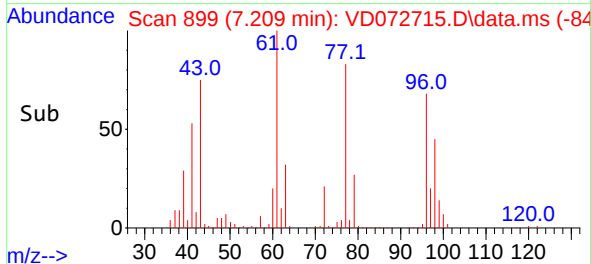
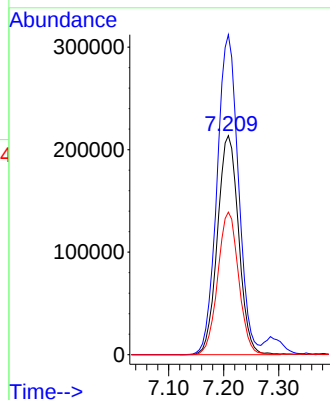
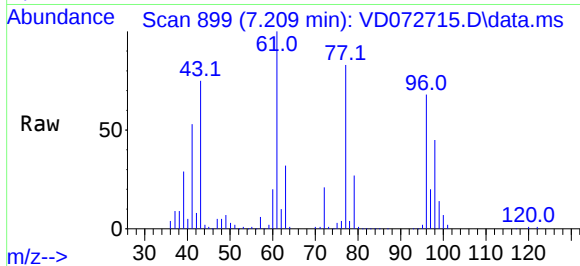
ClientSampleId :

VSTDIC100

Tgt Ion: 96 Resp: 57161
 Ion Ratio Lower Upper
 96 100
 61 147.6 0.0 313.8
 98 64.3 0.0 128.8

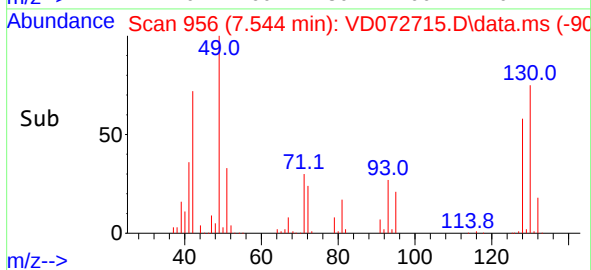
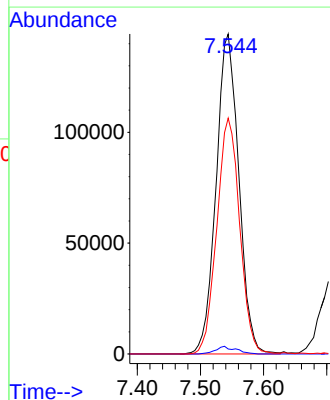
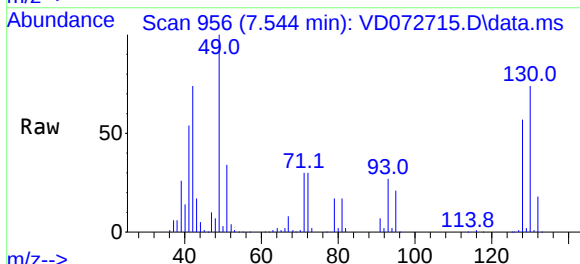
Manual Integrations
 APPROVED

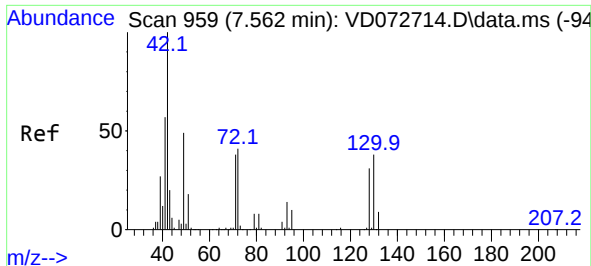
Reviewed By :John Carlone 04/28/2022
 Supervised By :Mahesh Dadoda 04/28/2022



#28
 Bromochloromethane
 Concen: 108.259 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. -0.000 min
 Lab File: VD072715.D
 Acq: 27 Apr 2022 13:56

Tgt Ion: 49 Resp: 360714
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 74.3 52.6 79.0





#29

Tetrahydrofuran

Concen: 614.778 ug/l

RT: 7.562 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD072715.D

Acq: 27 Apr 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion: 42 Resp: 422188

Ion Ratio Lower Upper

42 100

72 40.6 30.7 46.1

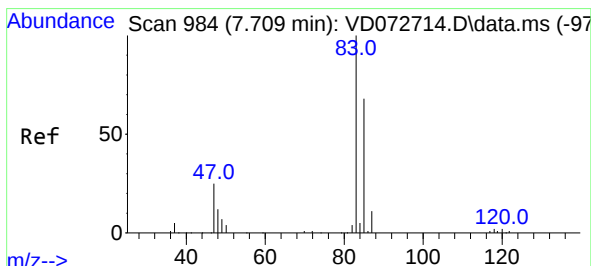
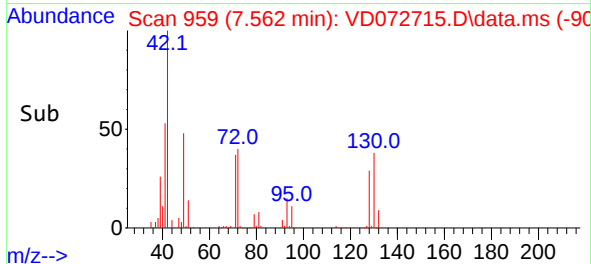
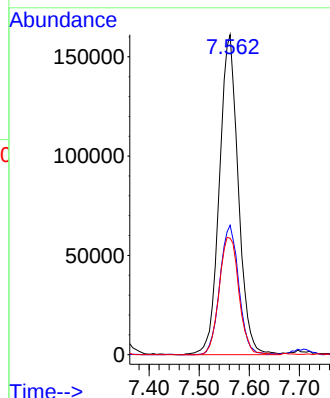
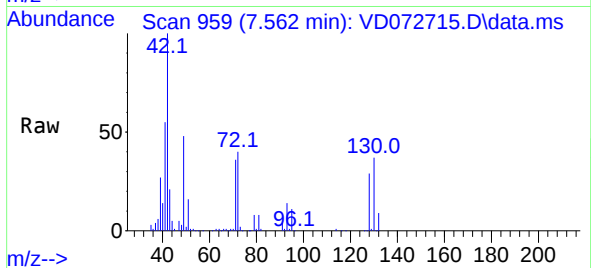
71 38.3 28.6 43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2022

Supervised By :Mahesh Dadoda 04/28/2022



#30

Chloroform

Concen: 109.538 ug/l

RT: 7.709 min Scan# 984

Delta R.T. -0.000 min

Lab File: VD072715.D

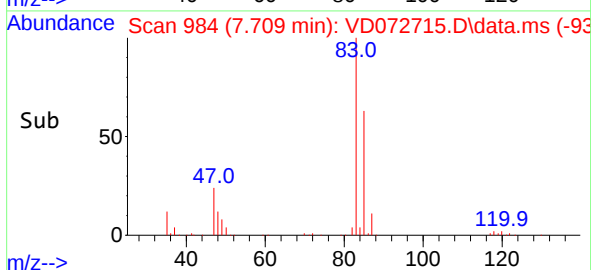
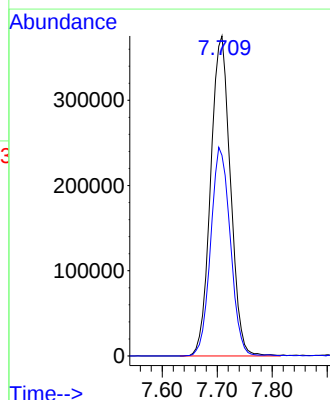
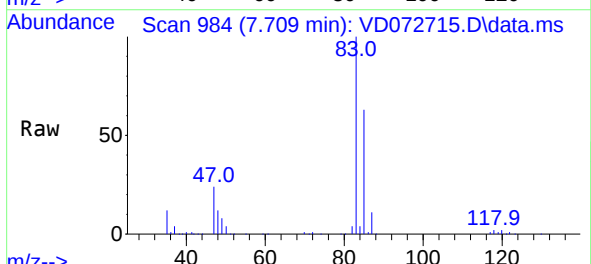
Acq: 27 Apr 2022 13:56

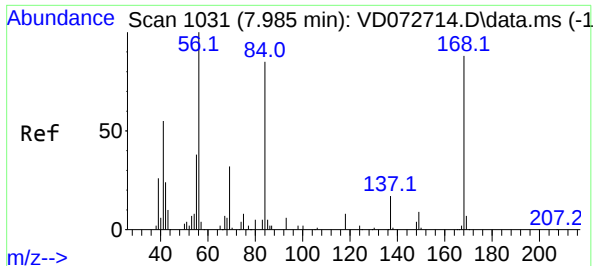
Tgt Ion: 83 Resp: 936893

Ion Ratio Lower Upper

83 100

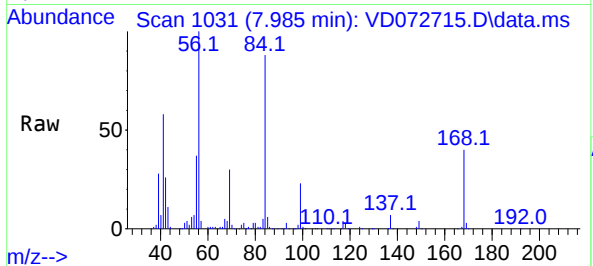
85 62.7 52.7 79.1





#31
Cyclohexane
Concen: 148.489 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

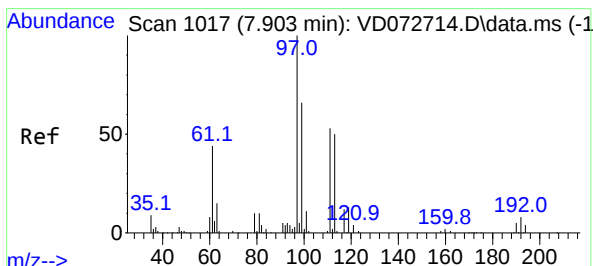
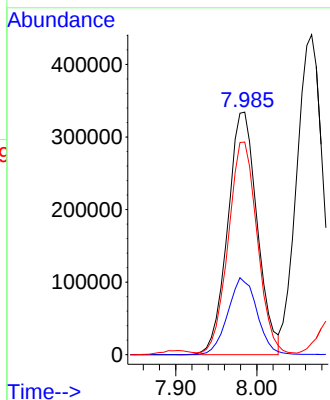
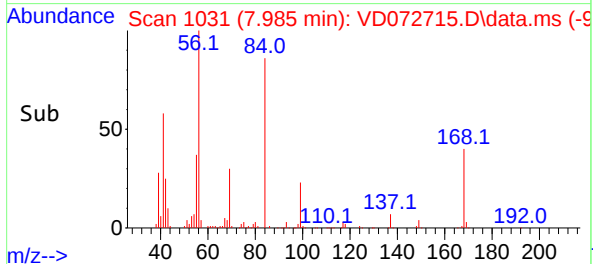
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



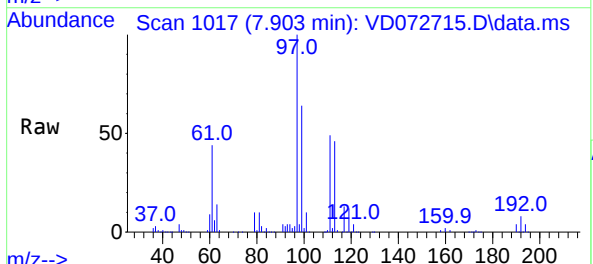
Tgt Ion: 56 Resp: 846485
Ion Ratio Lower Upper
56 100
69 29.8 25.4 38.2
84 86.0 63.0 94.4

Manual Integrations
APPROVED

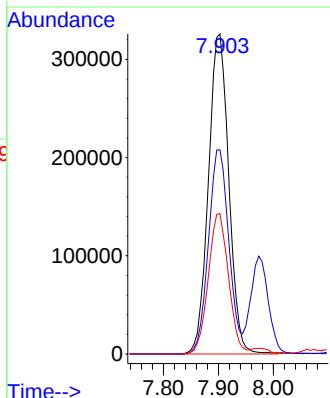
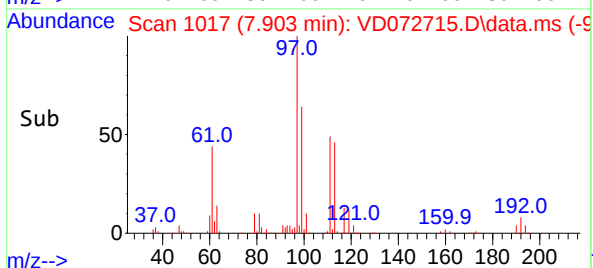
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

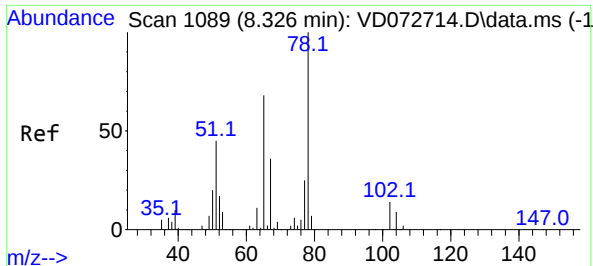


#32
1,1,1-Trichloroethane
Concen: 116.719 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56



Tgt Ion: 97 Resp: 839350
Ion Ratio Lower Upper
97 100
99 64.2 52.4 78.6
61 43.7 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 105.346 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072715.D

Acq: 27 Apr 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 45292

Ion Ratio Lower Upper

65 100

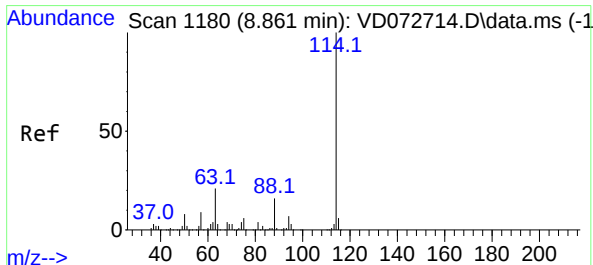
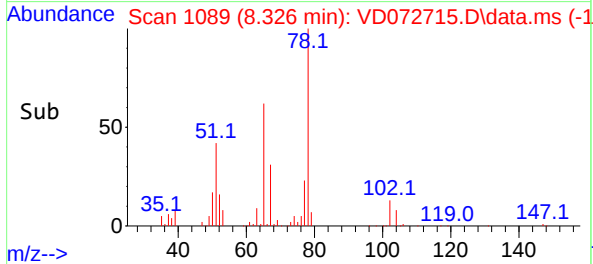
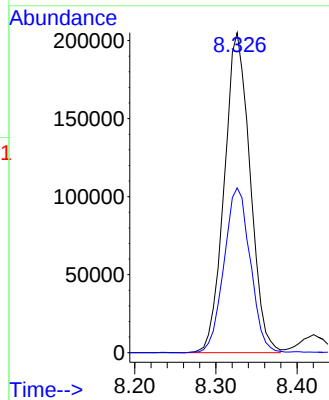
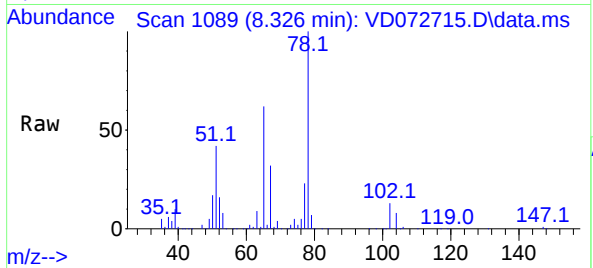
67 52.5 0.0 101.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2022

Supervised By :Mahesh Dadoda 04/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072715.D

Acq: 27 Apr 2022 13:56

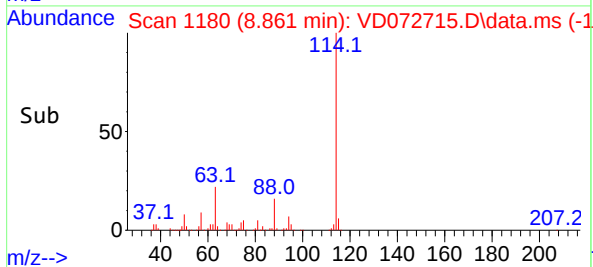
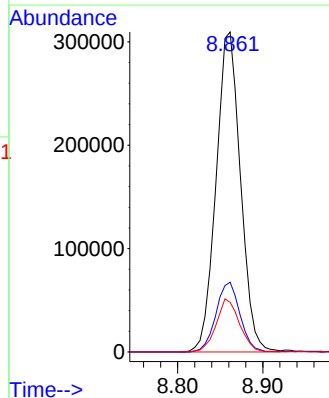
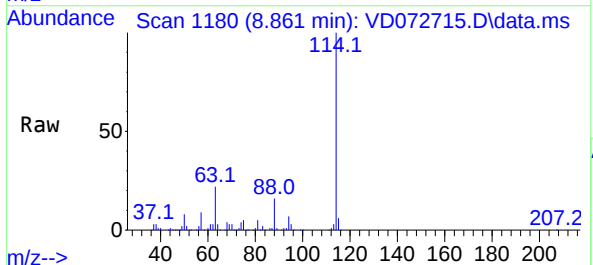
Tgt Ion:114 Resp: 615383

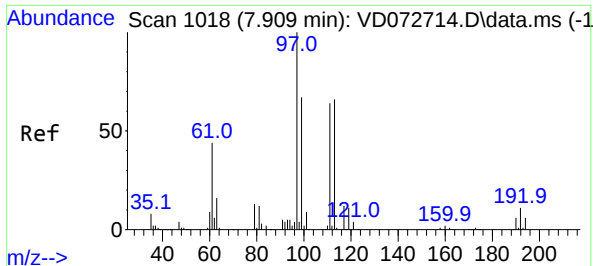
Ion Ratio Lower Upper

114 100

63 21.8 0.0 46.6

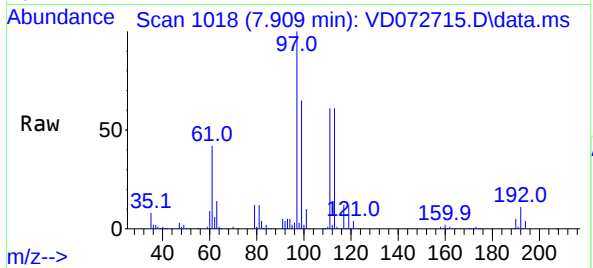
88 15.5 0.0 33.2





#35
Dibromofluoromethane
Concen: 91.347 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

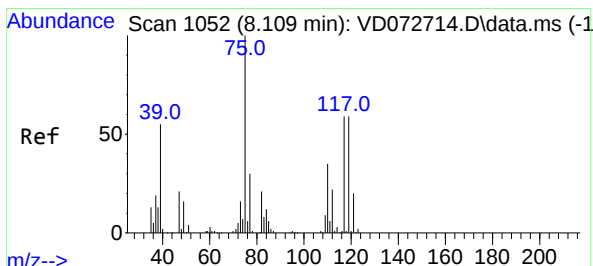
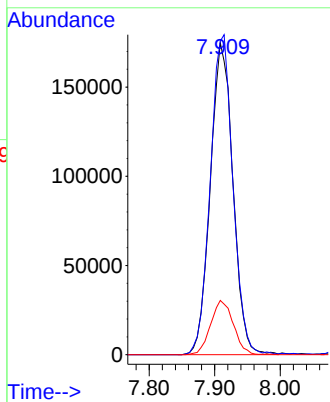
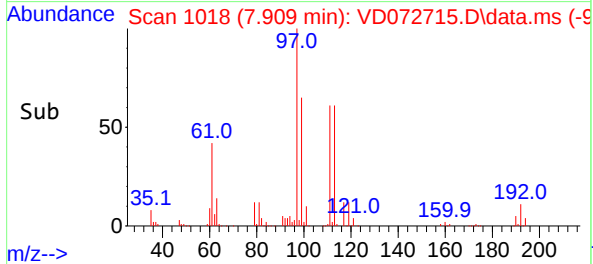
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



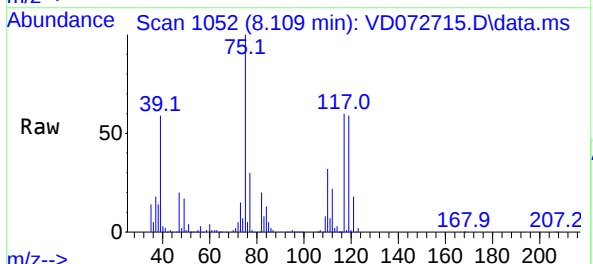
Tgt Ion:113 Resp: 418809
Ion Ratio Lower Upper
113 100
111 102.5 83.8 125.6
192 17.6 14.6 21.8

Manual Integrations
APPROVED

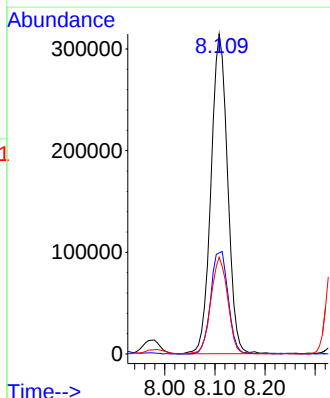
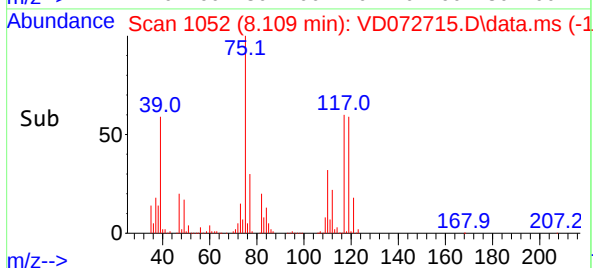
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

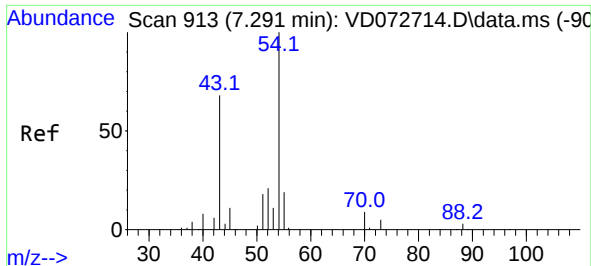


#36
1,1-Dichloropropene
Concen: 131.771 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56



Tgt Ion: 75 Resp: 722292
Ion Ratio Lower Upper
75 100
110 33.8 16.4 49.1
77 30.6 24.2 36.2





#37

Ethyl Acetate

Concen: 114.132 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.000 min

Lab File: VD072715.D

Acq: 27 Apr 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 29243

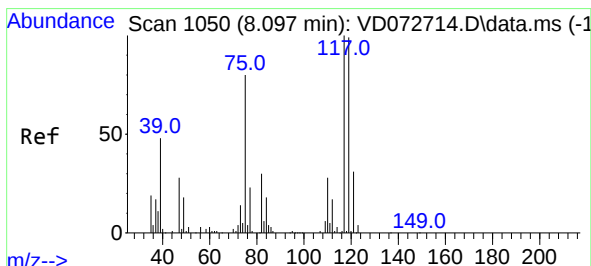
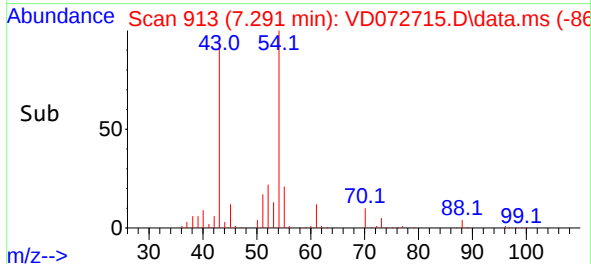
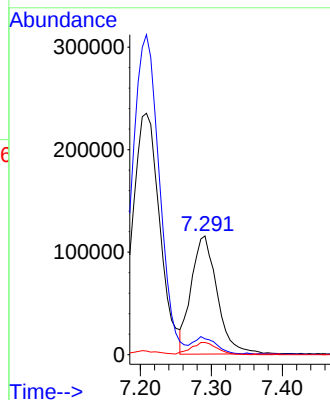
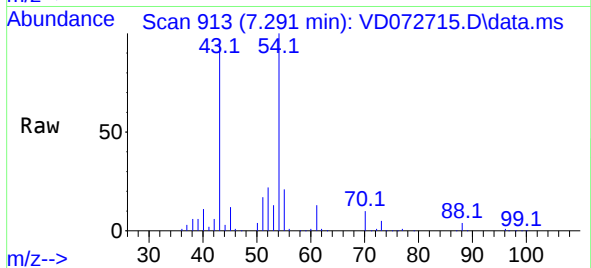
Ion	Ratio	Lower	Upper
43	100		
61	12.5	9.8	14.8
70	10.4	6.9	10.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2022

Supervised By :Mahesh Dadoda 04/28/2022



#38

Carbon Tetrachloride

Concen: 116.057 ug/l

RT: 8.091 min Scan# 1049

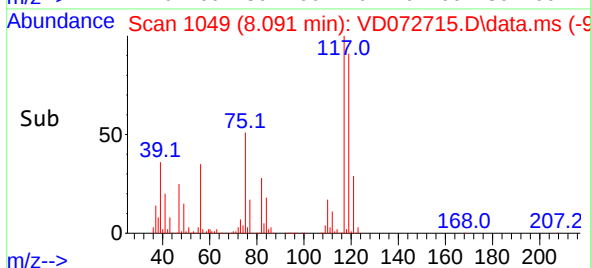
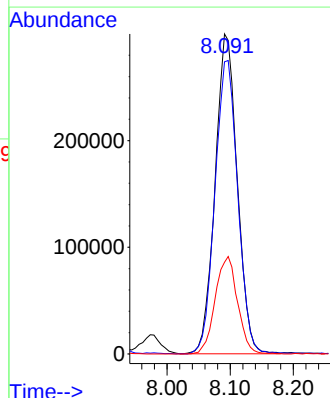
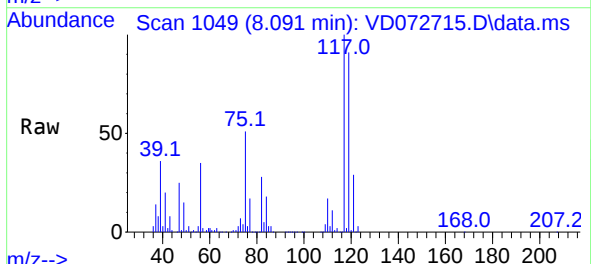
Delta R.T. -0.006 min

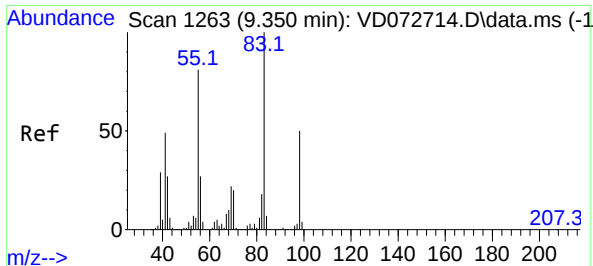
Lab File: VD072715.D

Acq: 27 Apr 2022 13:56

Tgt Ion:117 Resp: 731678

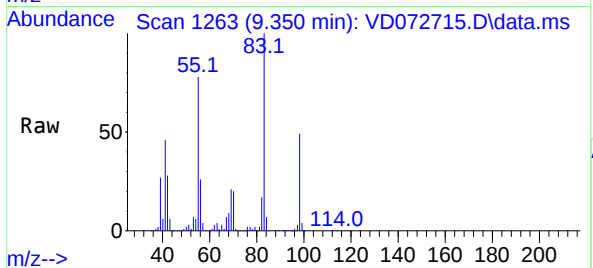
Ion	Ratio	Lower	Upper
117	100		
119	91.3	75.8	113.6
121	28.7	24.5	36.7





#39
Methylcyclohexane
Concen: 147.492 ug/l
RT: 9.350 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

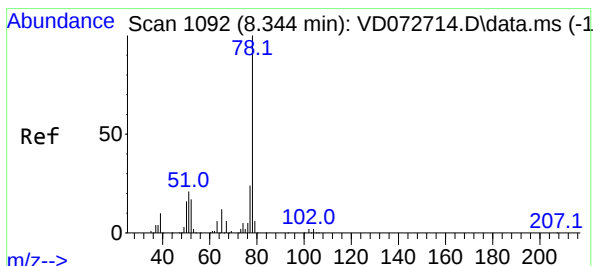
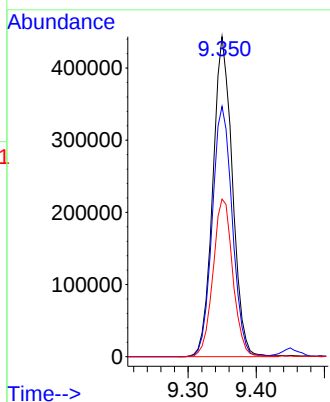
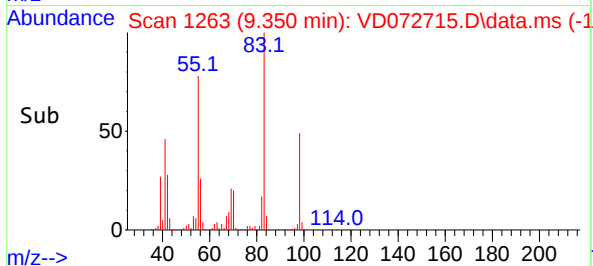
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



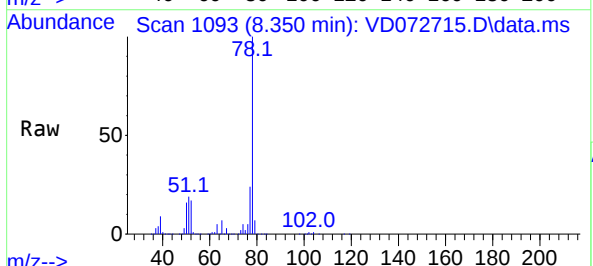
Tgt Ion: 83 Resp: 885918
Ion Ratio Lower Upper
83 100
55 78.2 63.2 94.8
98 49.3 38.2 57.4

Manual Integrations
APPROVED

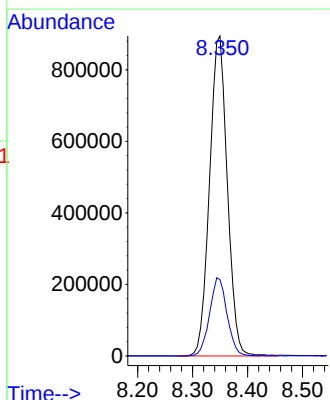
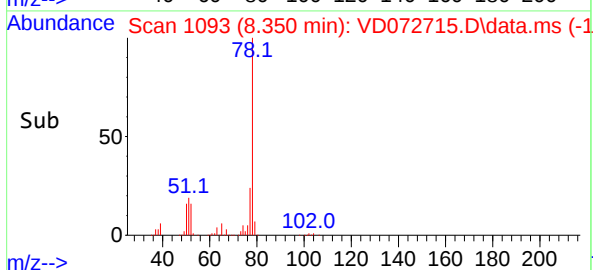
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

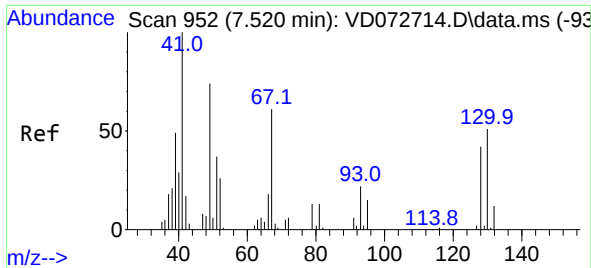


#40
Benzene
Concen: 123.372 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56



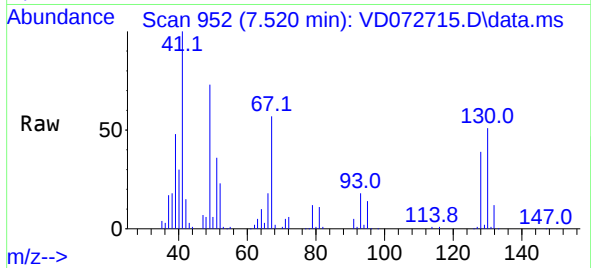
Tgt Ion: 78 Resp: 2009322
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7





#41
Methacrylonitrile
Concen: 124.396 ug/l
RT: 7.520 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

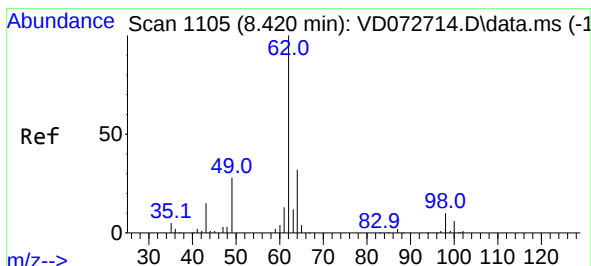
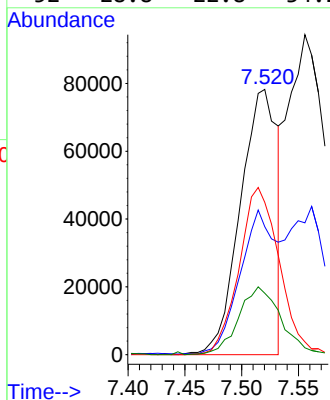
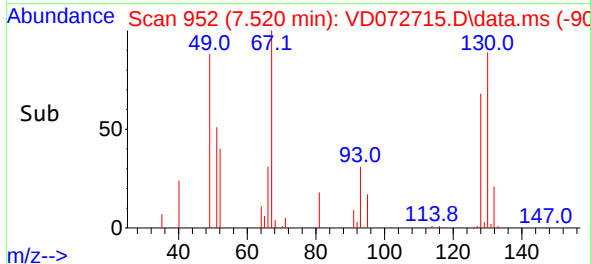
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



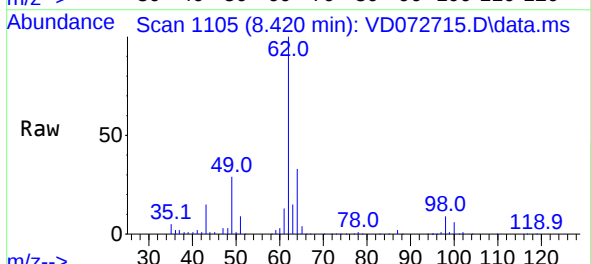
Tgt Ion: 41 Resp: 177350
Ion Ratio Lower Upper
41 100
39 52.0 44.6 67.0
67 68.9 48.2 72.4
52 28.8 22.8 34.2

Manual Integrations
APPROVED

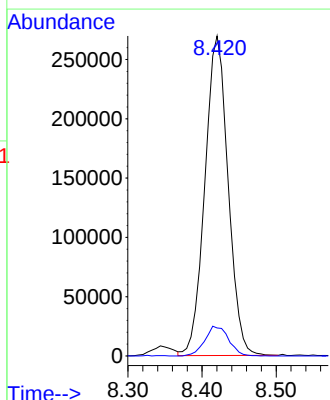
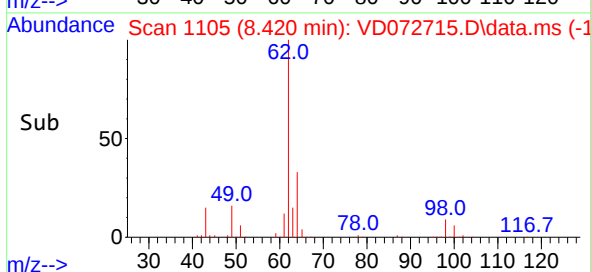
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

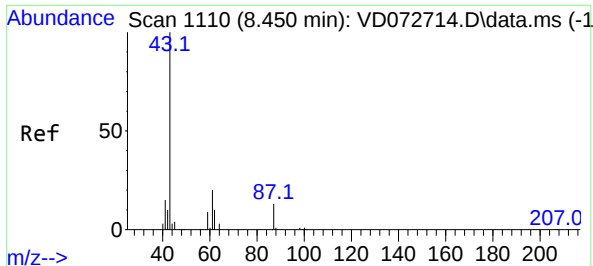


#42
1,2-Dichloroethane
Concen: 116.291 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56



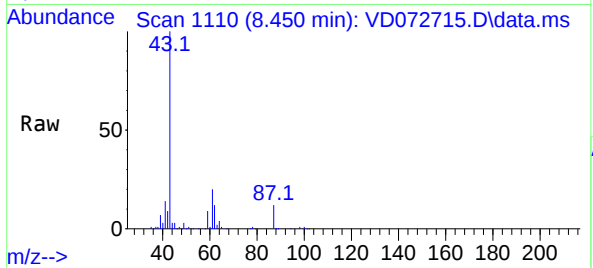
Tgt Ion: 62 Resp: 586389
Ion Ratio Lower Upper
62 100
98 9.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 118.481 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

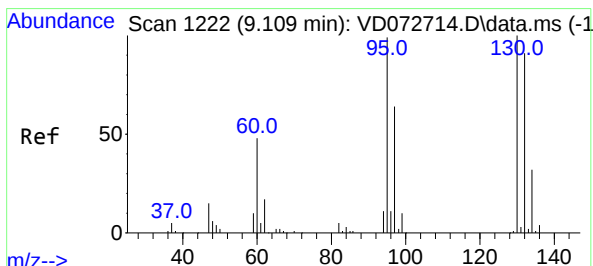
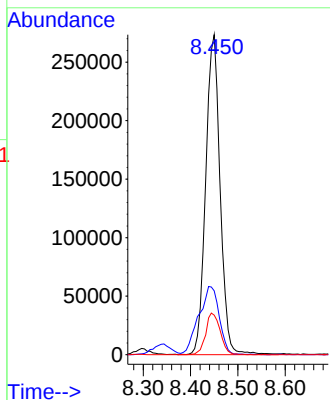
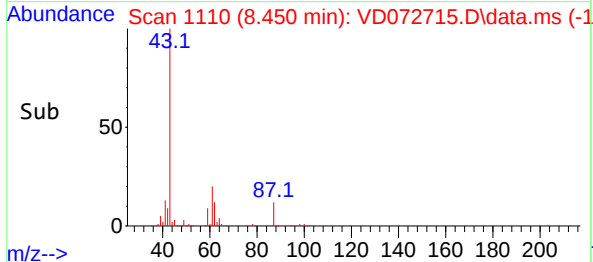
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 578852
Ion Ratio Lower Upper
43 100
61 30.0 22.4 33.6
87 13.1 8.7 13.1

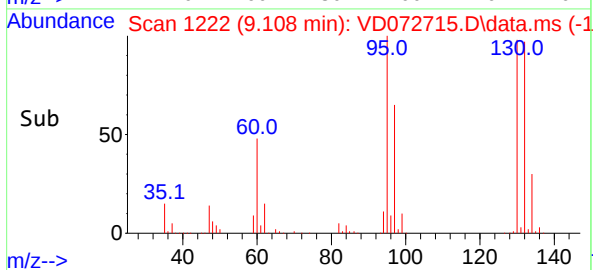
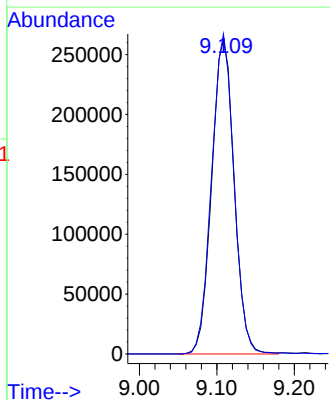
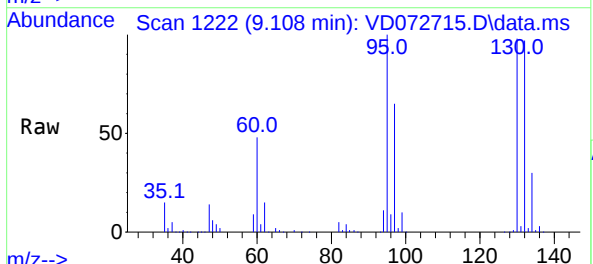
Manual Integrations
APPROVED

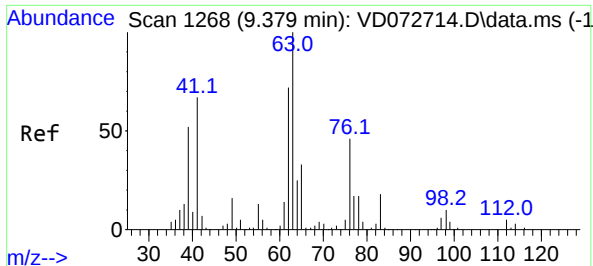
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#44
Trichloroethene
Concen: 116.127 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

Tgt Ion:130 Resp: 529399
Ion Ratio Lower Upper
130 100
95 101.6 0.0 205.4





#45

1,2-Dichloropropane

Concen: 112.045 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD072715.D

Acq: 27 Apr 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion: 63 Resp: 508872

Ion Ratio Lower Upper

63 100

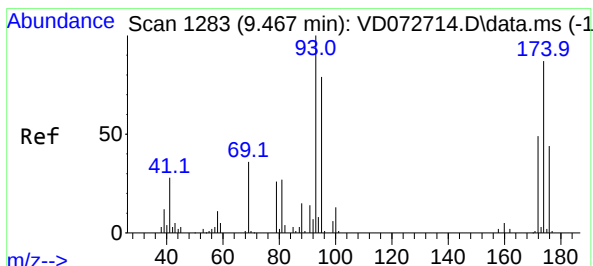
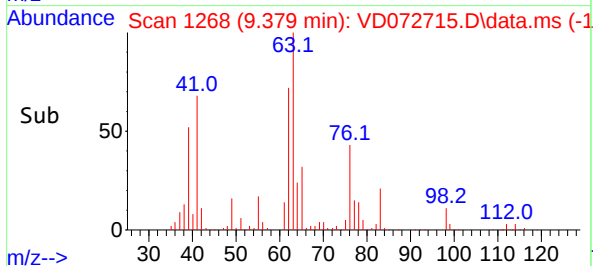
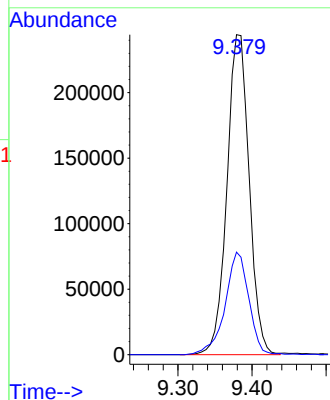
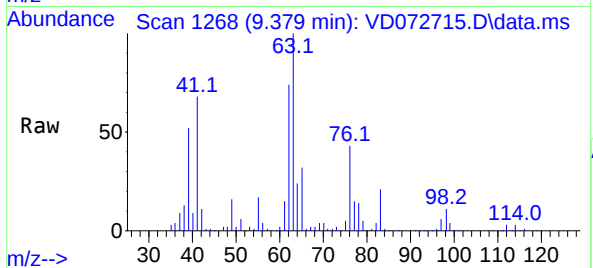
65 32.0 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2022

Supervised By :Mahesh Dadoda 04/28/2022



#46

Dibromomethane

Concen: 112.195 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.000 min

Lab File: VD072715.D

Acq: 27 Apr 2022 13:56

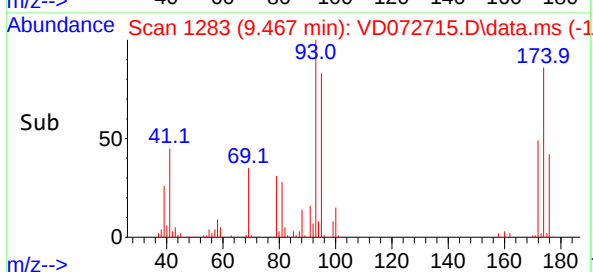
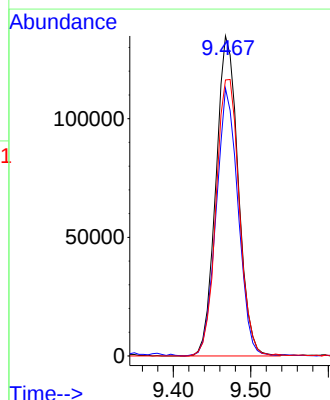
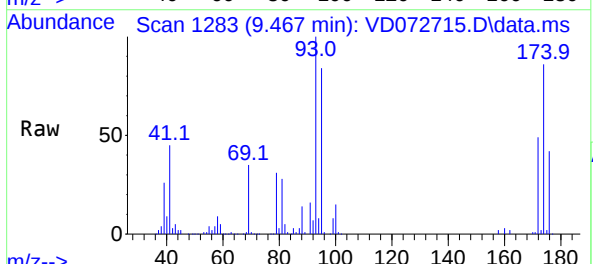
Tgt Ion: 93 Resp: 270055

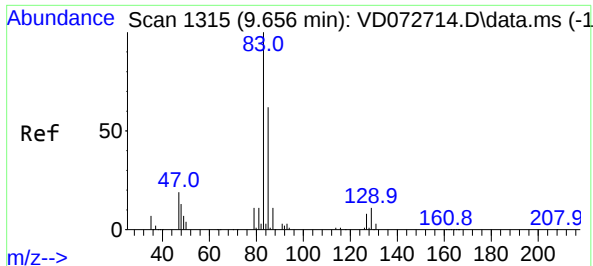
Ion Ratio Lower Upper

93 100

95 82.1 66.7 100.1

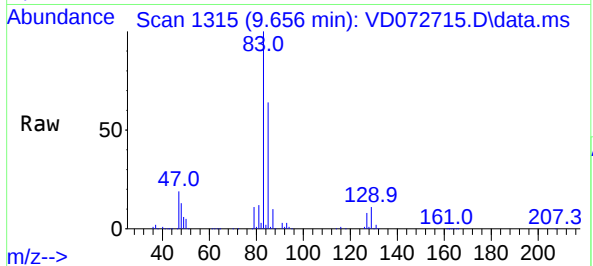
174 90.1 71.6 107.4





#47
Bromodichloromethane
Concen: 106.120 ug/l
RT: 9.656 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

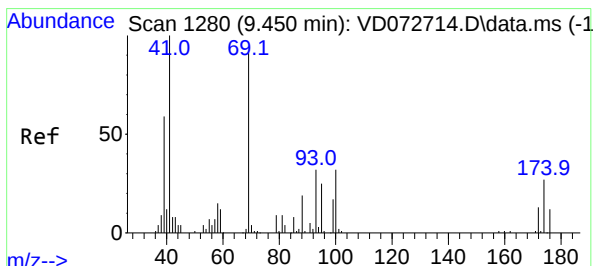
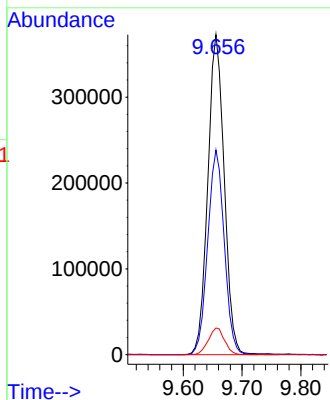
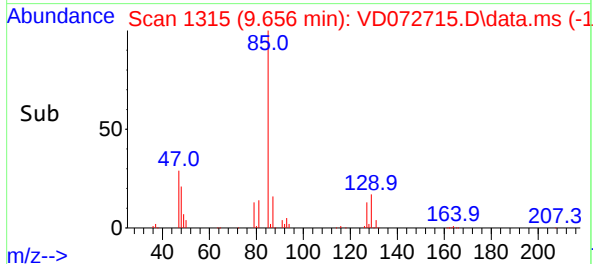
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



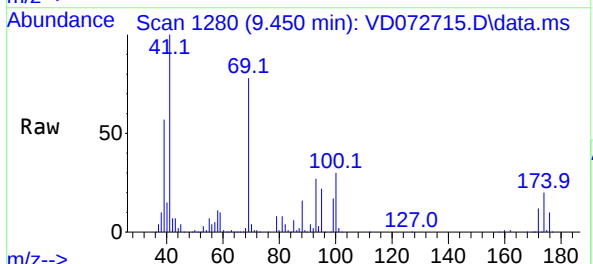
Tgt Ion: 83 Resp: 72441
Ion Ratio Lower Upper
83 100
85 63.9 51.4 77.0
127 8.4 6.1 9.1

Manual Integrations
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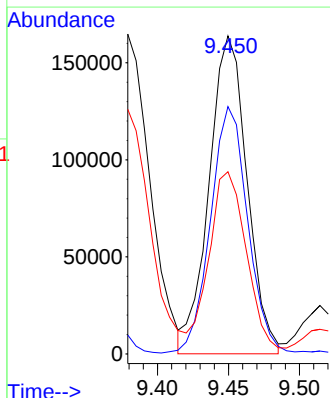
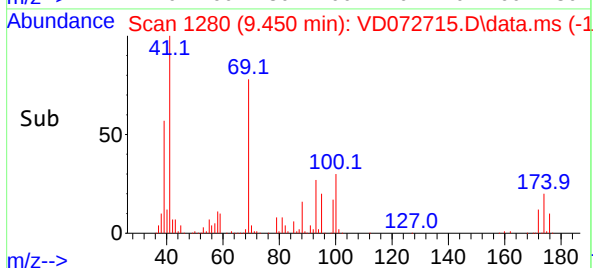
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

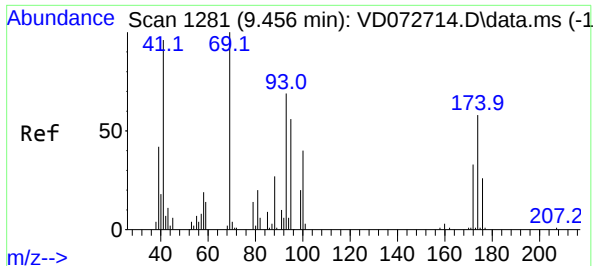


#48
Methyl methacrylate
Concen: 126.702 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56



Tgt Ion: 41 Resp: 304561
Ion Ratio Lower Upper
41 100
69 77.0 56.7 85.1
39 52.8 42.7 64.1





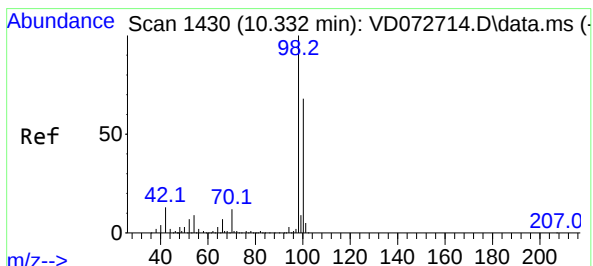
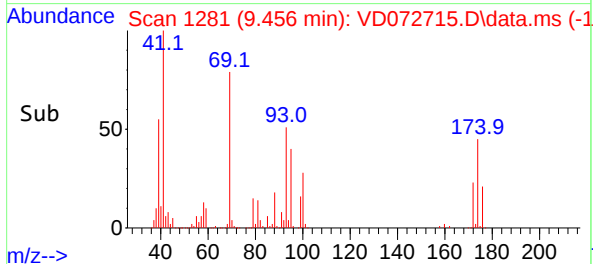
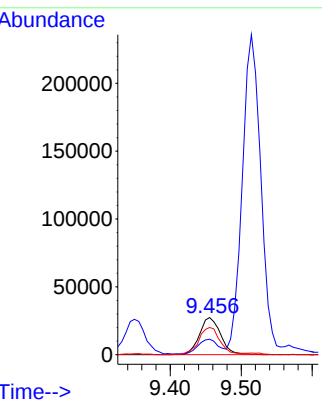
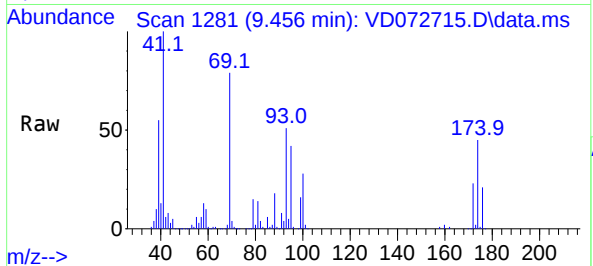
#49
1,4-Dioxane
Concen: 1968.092 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 88 Resp: 56592
Ion Ratio Lower Upper
88 100
43 39.3 31.0 46.4
58 73.5 58.1 87.1

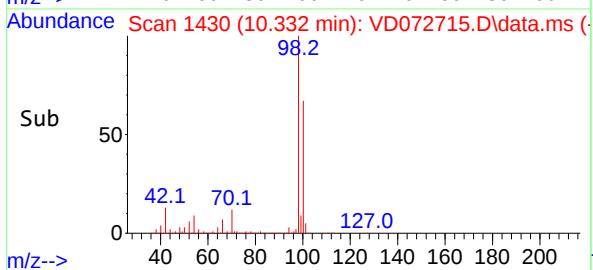
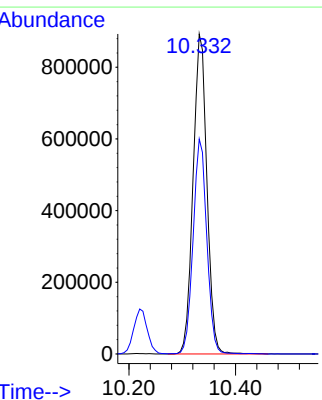
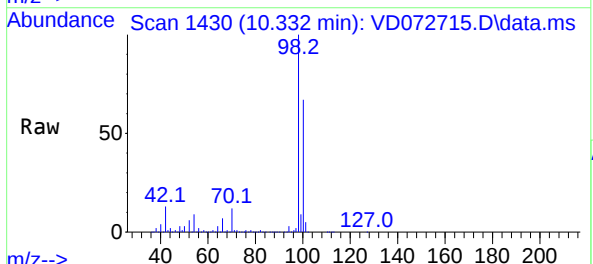
Manual Integrations
APPROVED

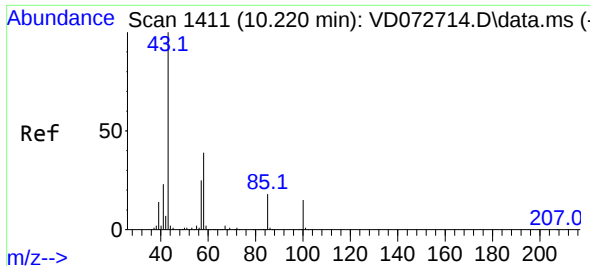
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#50
Toluene-d8
Concen: 100.721 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

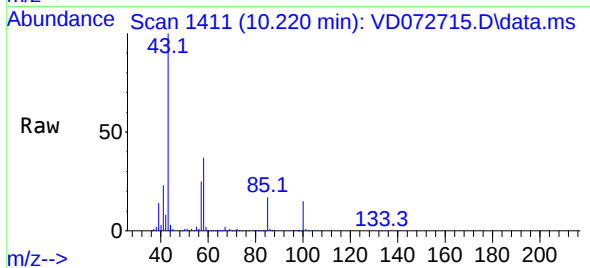
Tgt Ion: 98 Resp: 1606730
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 559.047 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

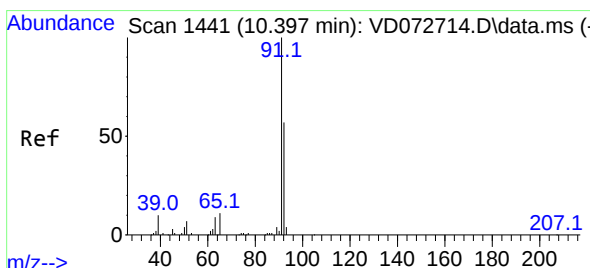
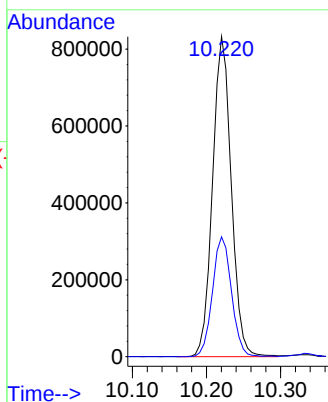
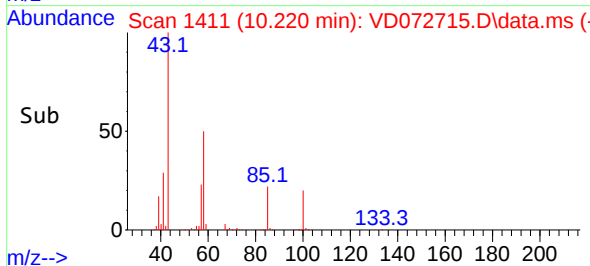
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 145806
Ion Ratio Lower Upper
43 100
58 38.0 28.6 43.0

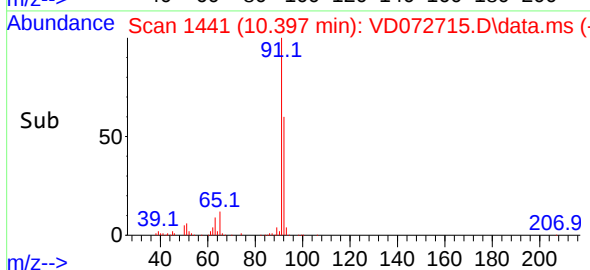
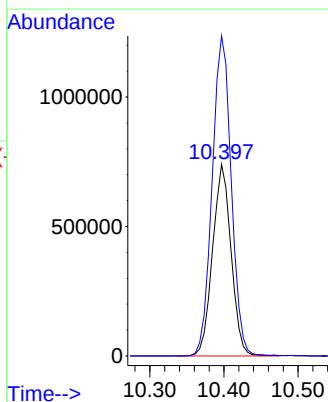
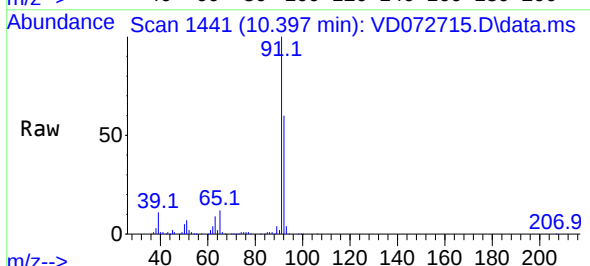
Manual Integrations
APPROVED

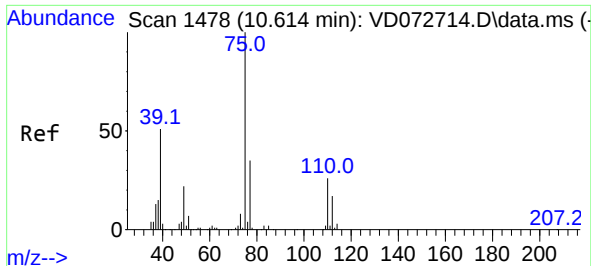
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#52
Toluene
Concen: 119.402 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

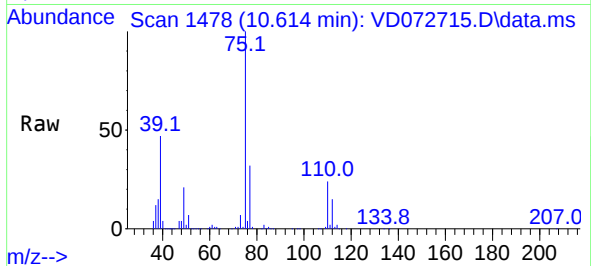
Tgt Ion: 92 Resp: 1281983
Ion Ratio Lower Upper
92 100
91 172.7 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 112.763 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

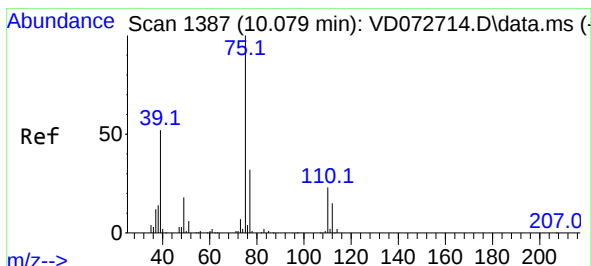
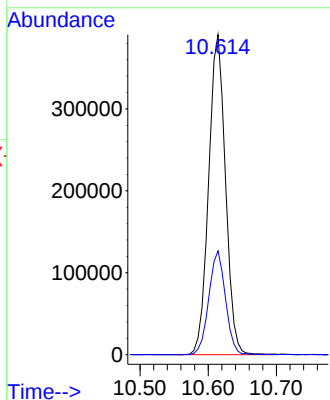
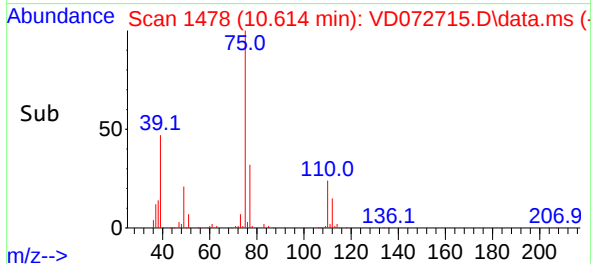
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



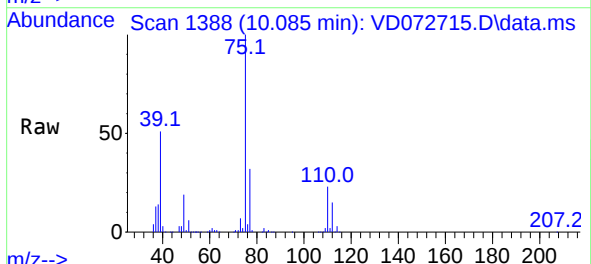
Tgt Ion: 75 Resp: 67148
Ion Ratio Lower Upper
75 100
77 32.5 24.5 36.7

Manual Integrations
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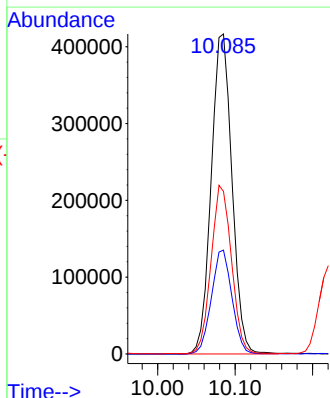
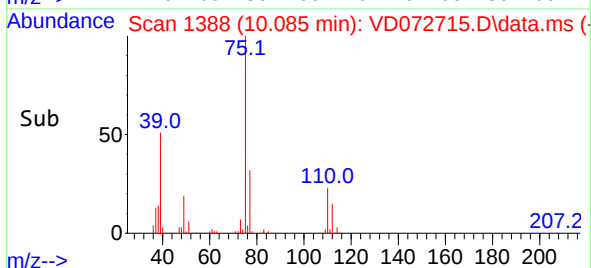
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

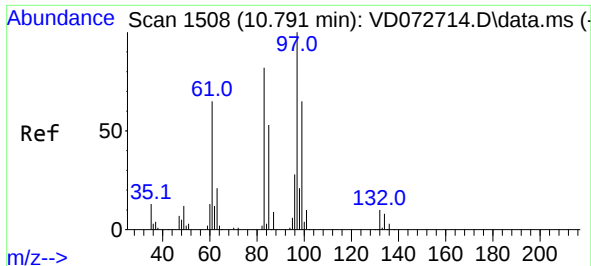


#54
cis-1,3-Dichloropropene
Concen: 110.069 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56



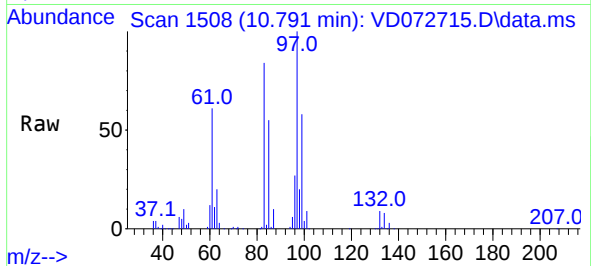
Tgt Ion: 75 Resp: 775203
Ion Ratio Lower Upper
75 100
77 32.5 24.8 37.2
39 50.7 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 101.522 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

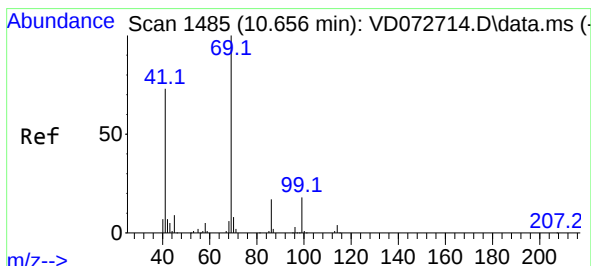
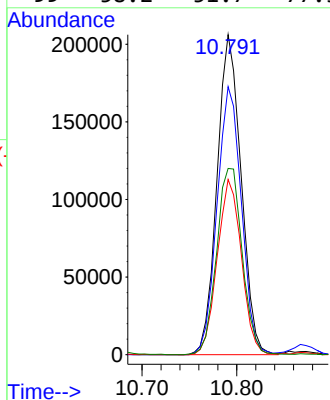
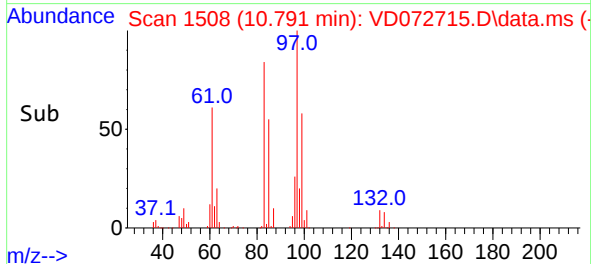
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



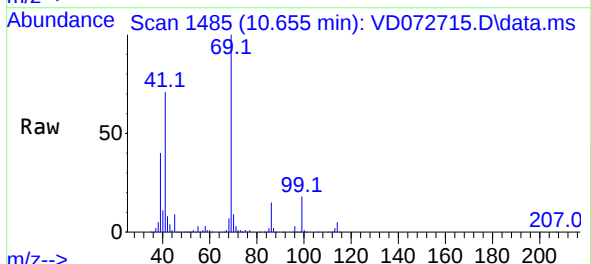
Tgt Ion: 97 Resp: 364580
Ion Ratio Lower Upper
97 100
83 83.8 69.0 103.4
85 54.7 42.6 63.8
99 58.2 51.7 77.5

Manual Integrations
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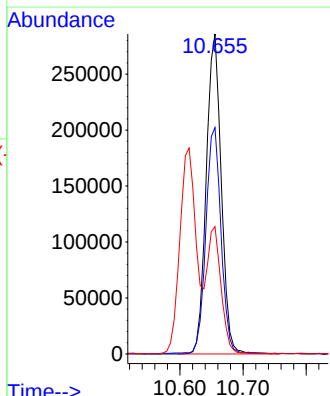
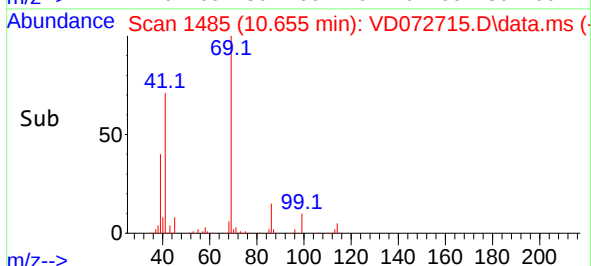
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

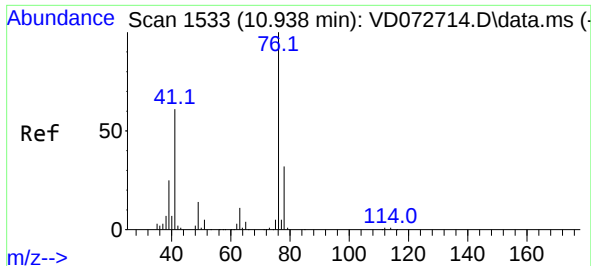


#56
Ethyl methacrylate
Concen: 115.735 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56



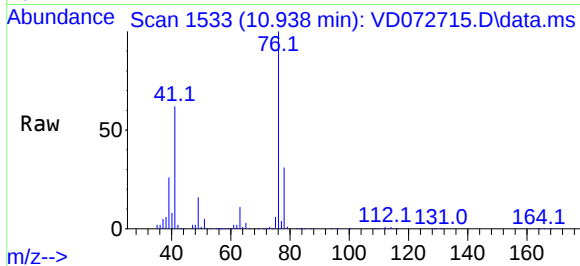
Tgt Ion: 69 Resp: 471939
Ion Ratio Lower Upper
69 100
41 72.2 63.0 94.6
39 35.6 33.8 50.8





#57
1,3-Dichloropropane
Concen: 107.415 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

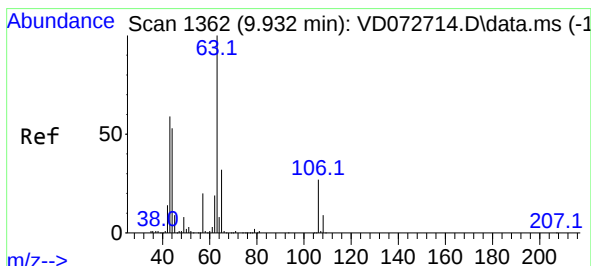
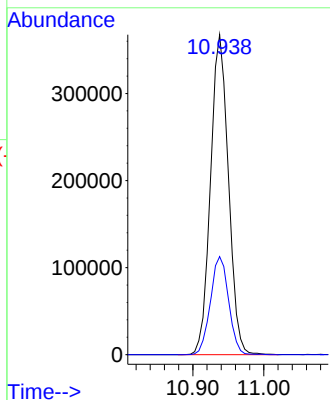
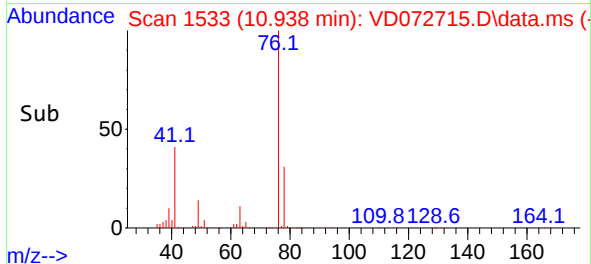
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



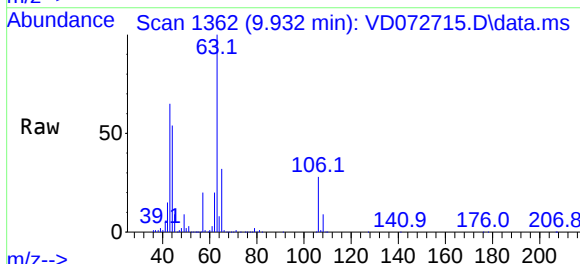
Tgt Ion: 76 Resp: 64376
Ion Ratio Lower Upper
76 100
78 31.1 26.0 39.0

Manual Integrations
APPROVED

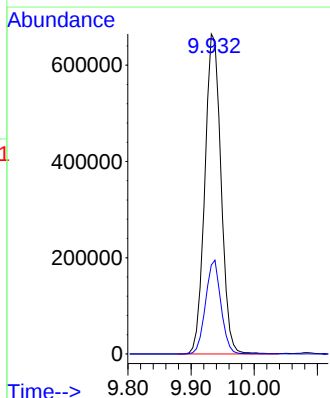
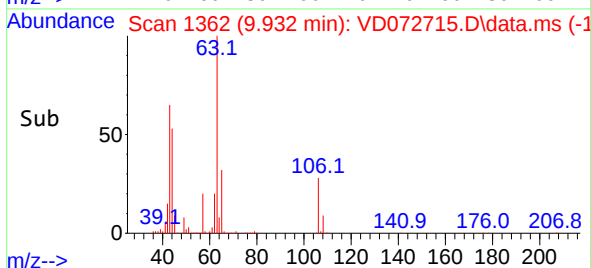
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

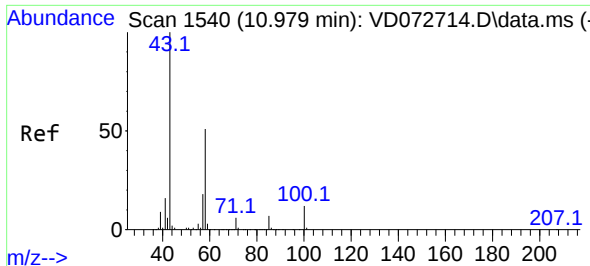


#58
2-Chloroethyl Vinyl ether
Concen: 634.147 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56



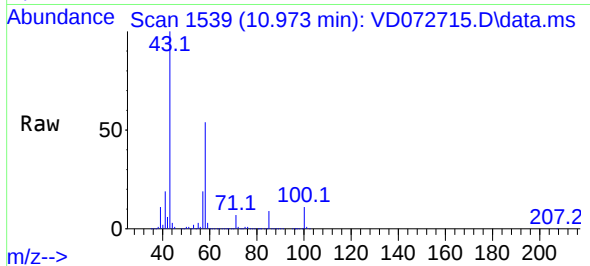
Tgt Ion: 63 Resp: 1183012
Ion Ratio Lower Upper
63 100
106 27.8 21.4 32.0





#59
2-Hexanone
Concen: 558.261 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

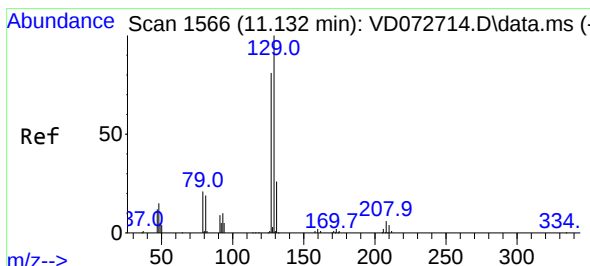
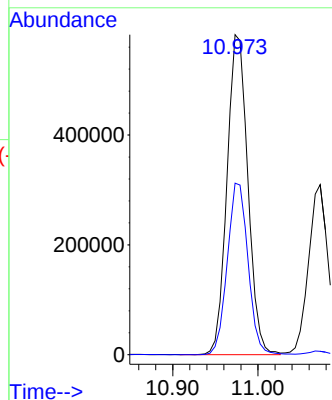
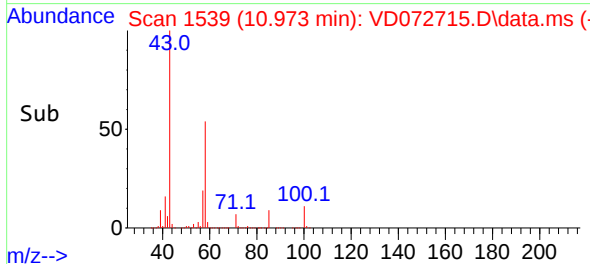
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 989878
Ion Ratio Lower Upper
43 100
58 53.3 25.3 75.9

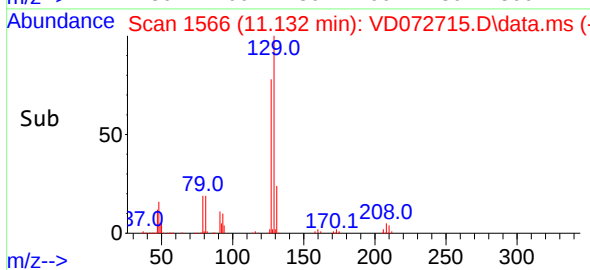
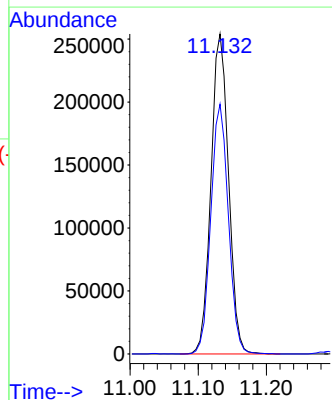
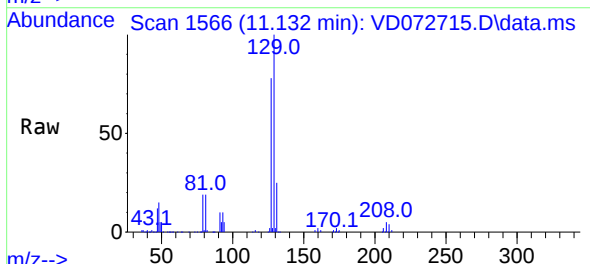
Manual Integrations
APPROVED

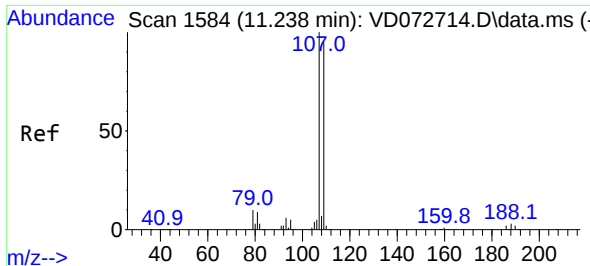
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#60
Dibromochloromethane
Concen: 98.891 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

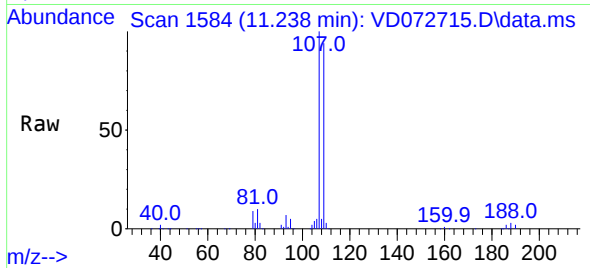
Tgt Ion:129 Resp: 455845
Ion Ratio Lower Upper
129 100
127 78.0 39.2 117.6





#61
1,2-Dibromoethane
Concen: 108.335 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

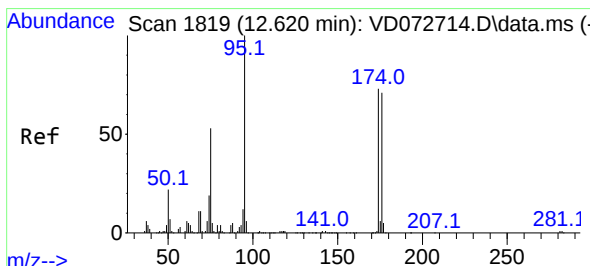
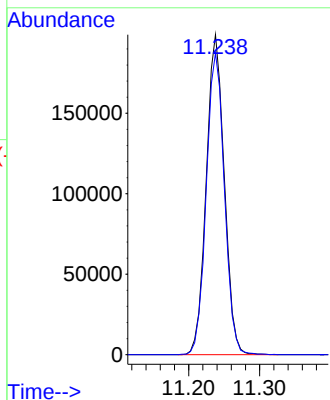
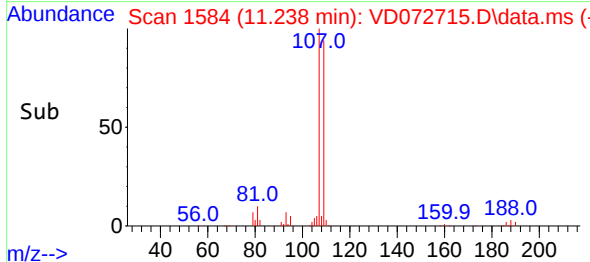
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



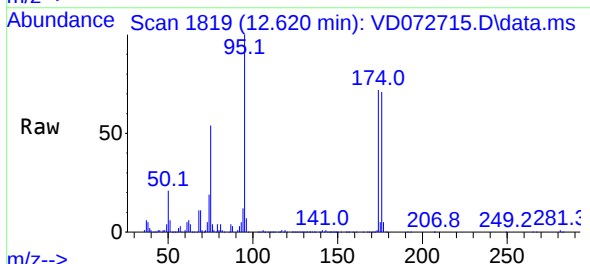
Tgt Ion:107 Resp: 350620
Ion Ratio Lower Upper
107 100
109 94.7 74.2 111.4

Manual Integrations
APPROVED

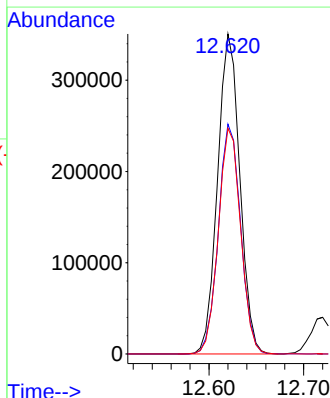
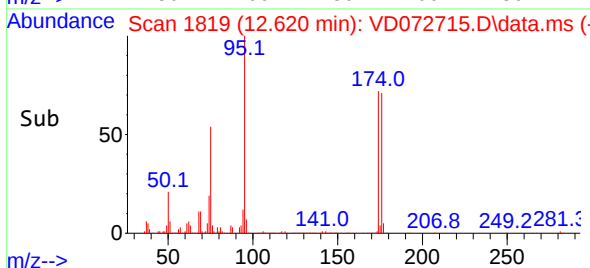
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

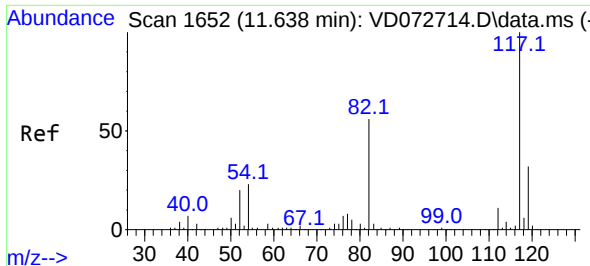


#62
4-Bromofluorobenzene
Concen: 91.659 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56



Tgt Ion: 95 Resp: 572928
Ion Ratio Lower Upper
95 100
174 71.8 0.0 152.8
176 70.6 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1163
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

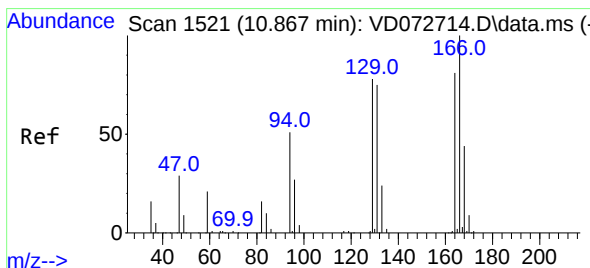
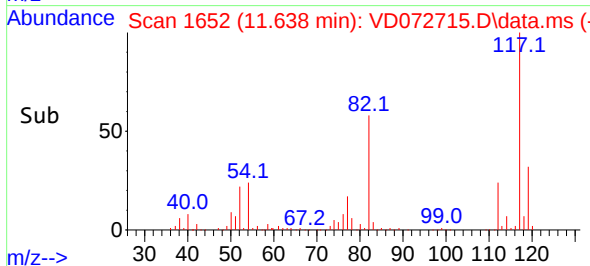
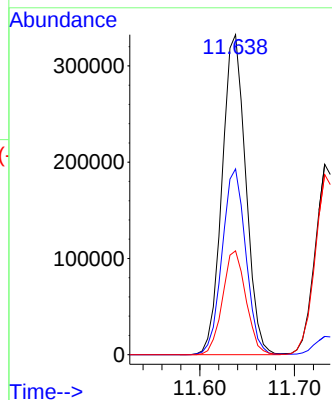
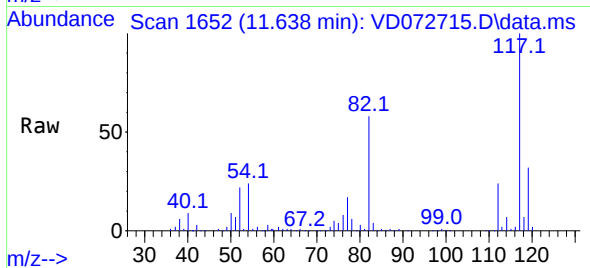
VSTDICC100

Tgt Ion:117 Resp: 577922
Ion Ratio Lower Upper
117 100
82 58.0 45.3 67.9
119 32.4 26.6 40.0

Manual Integrations

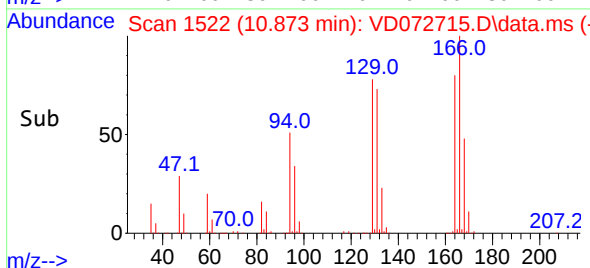
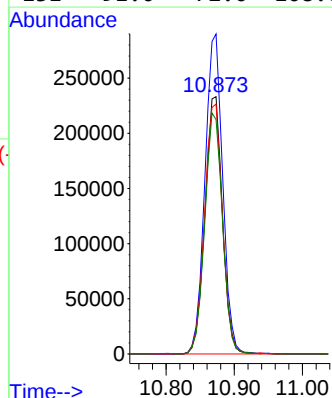
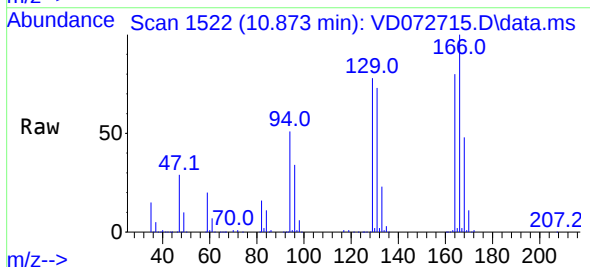
APPROVED

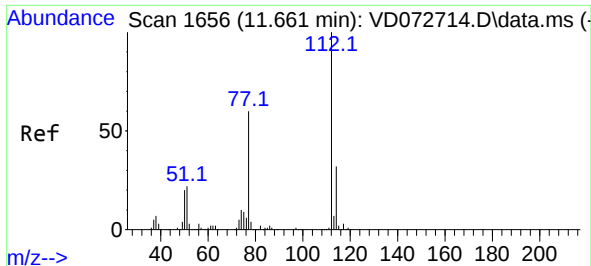
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#64
Tetrachloroethene
Concen: 114.591 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

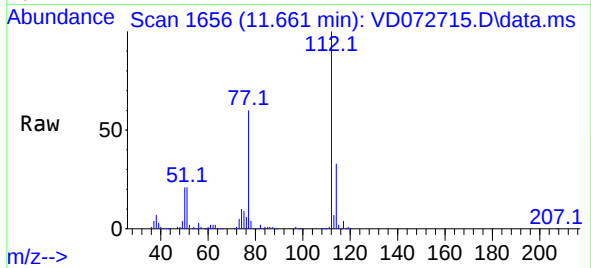
Tgt Ion:164 Resp: 417922
Ion Ratio Lower Upper
164 100
166 124.4 98.5 147.7
129 97.1 74.6 111.8
131 91.0 72.0 108.0





#65
Chlorobenzene
Concen: 106.819 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

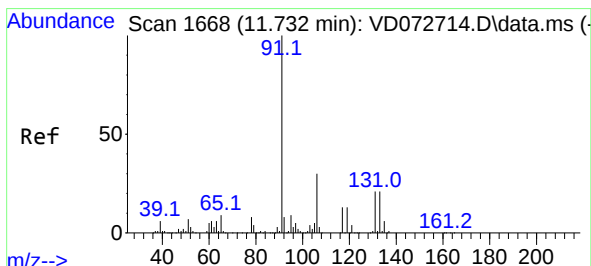
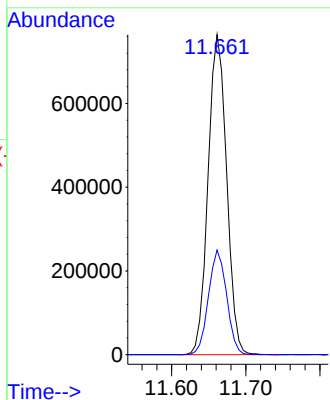
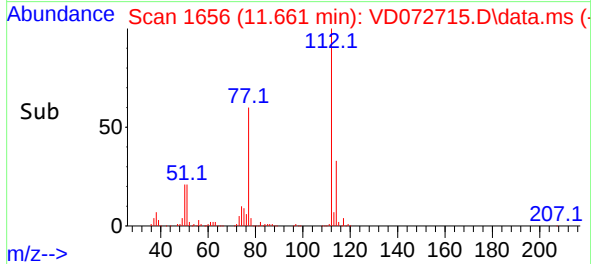
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



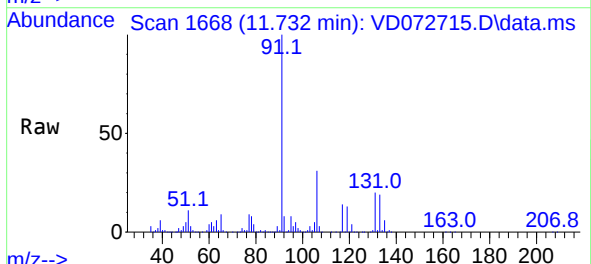
Tgt Ion:112 Resp: 132837
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6

Manual Integrations
APPROVED

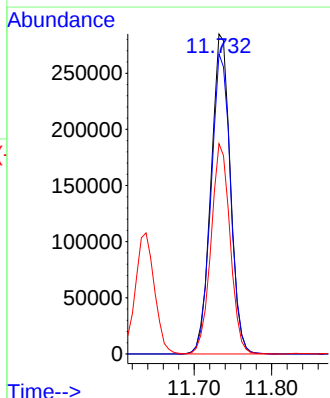
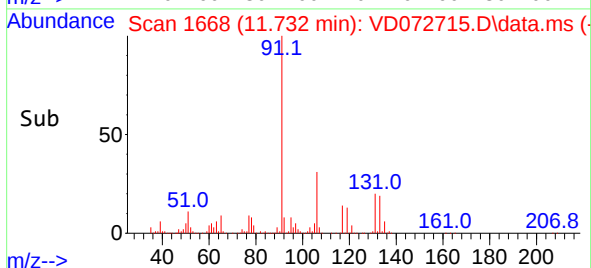
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

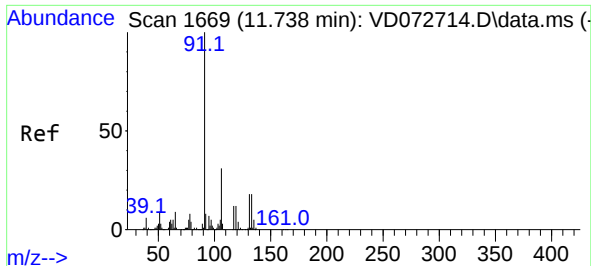


#66
1,1,1,2-Tetrachloroethane
Concen: 99.369 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56



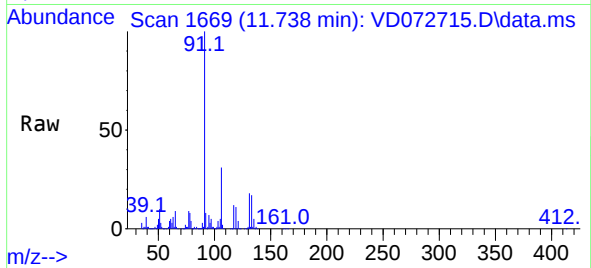
Tgt Ion:131 Resp: 491845
Ion Ratio Lower Upper
131 100
133 94.9 48.1 144.3
119 65.1 31.9 95.9





#67
Ethyl Benzene
Concen: 114.783 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

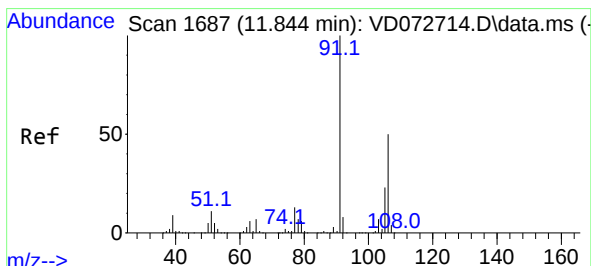
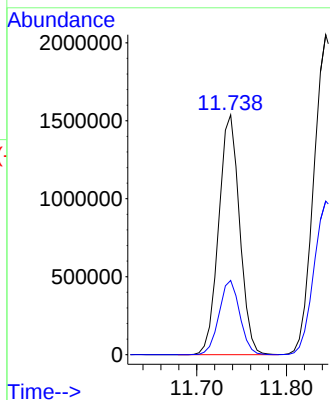
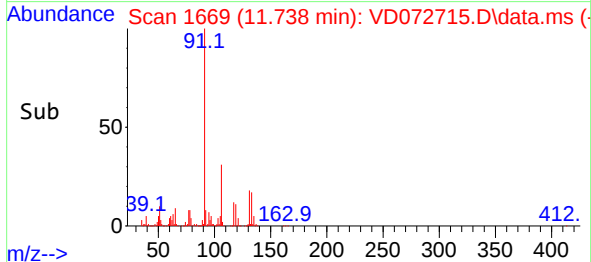
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



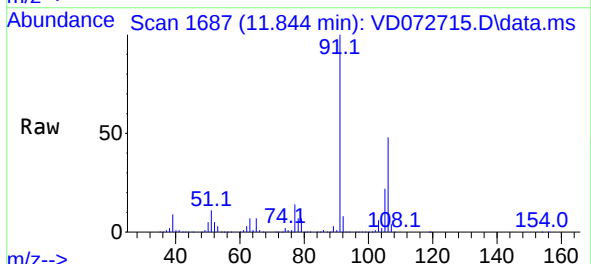
Tgt Ion: 91 Resp: 248584
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.4

Manual Integrations
APPROVED

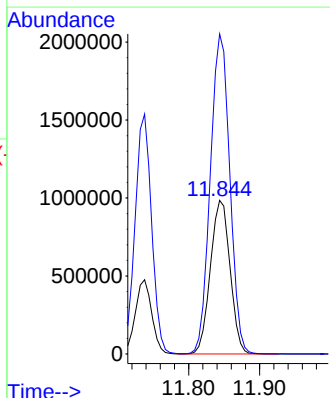
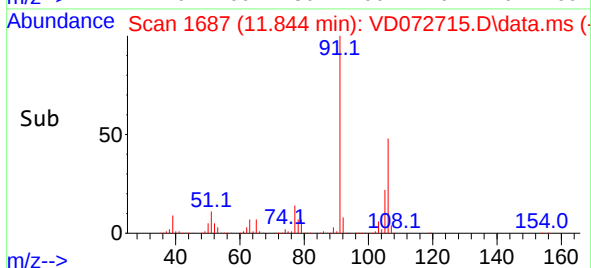
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

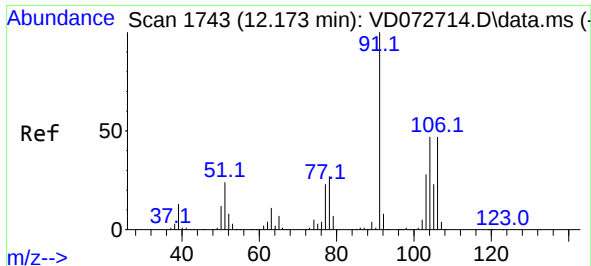


#68
m/p-Xylenes
Concen: 229.784 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56



Tgt Ion:106 Resp: 1892247
Ion Ratio Lower Upper
106 100
91 206.8 163.7 245.5





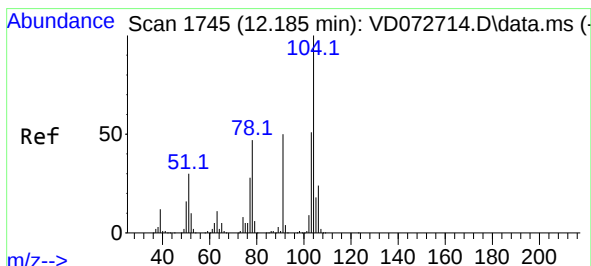
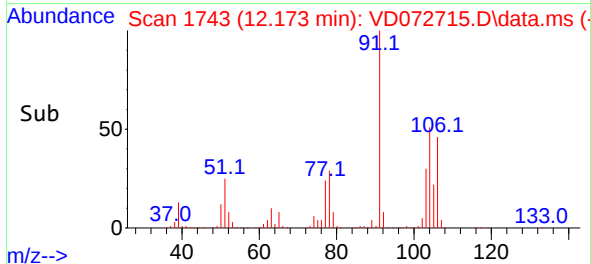
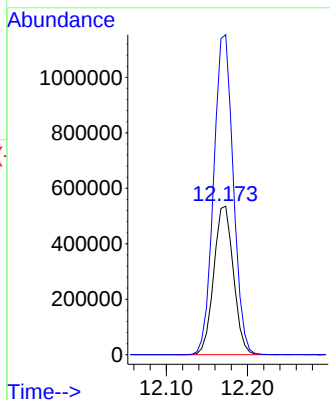
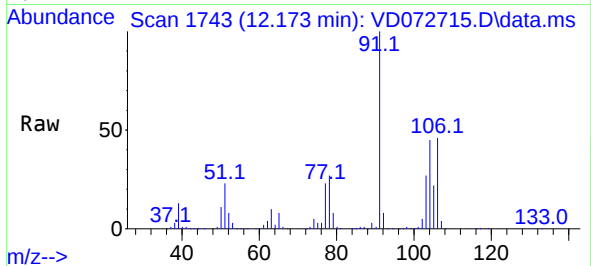
#69
o-Xylene
Concen: 113.321 ug/l
RT: 12.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 90087
Ion Ratio Lower Upper
106 100
91 215.5 110.4 331.2

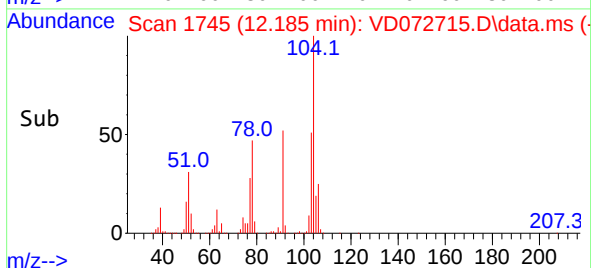
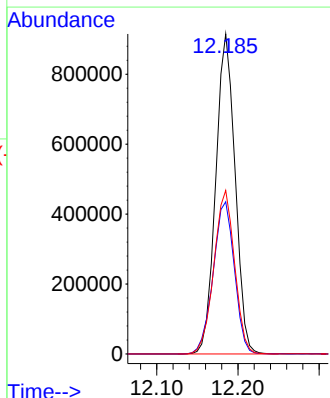
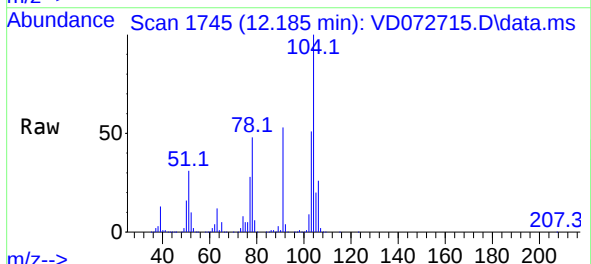
Manual Integrations
APPROVED

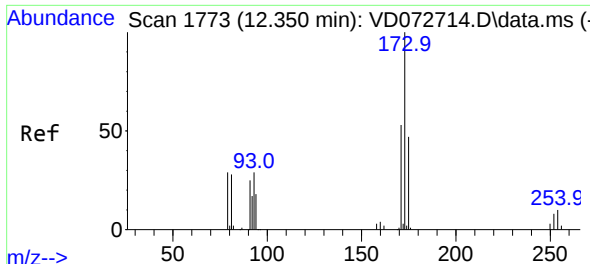
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#70
Styrene
Concen: 108.919 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

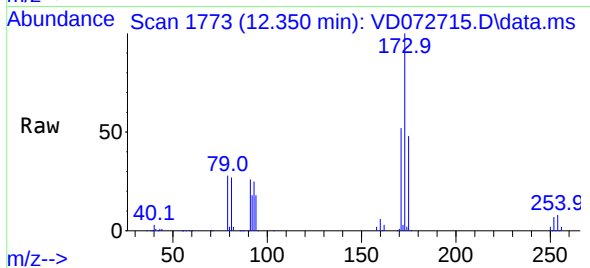
Tgt Ion:104 Resp: 1519615
Ion Ratio Lower Upper
104 100
78 52.0 41.8 62.8
103 54.6 44.2 66.4





#71
Bromoform
Concen: 93.851 ug/l
RT: 12.350 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

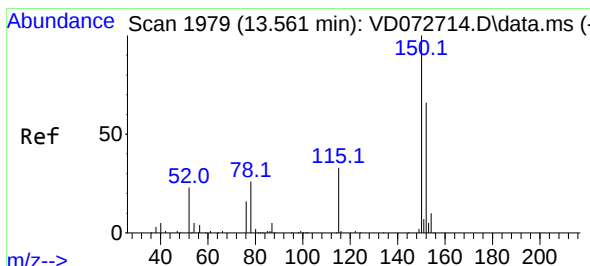
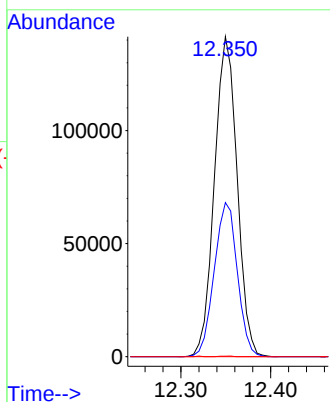
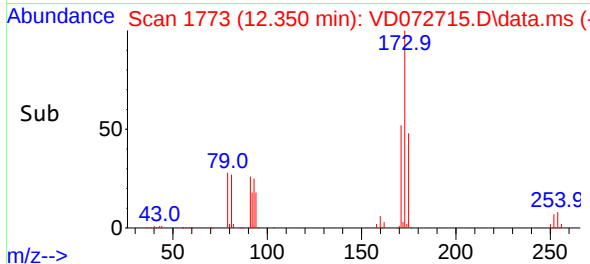
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



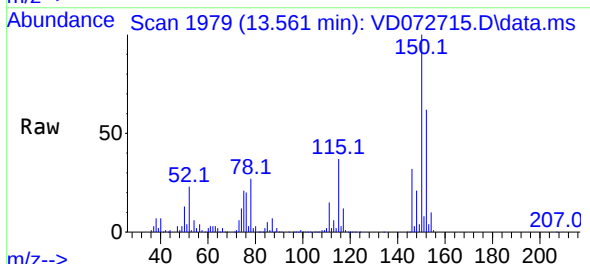
Tgt Ion:173 Resp: 248118
Ion Ratio Lower Upper
173 100
175 49.0 23.9 71.8
254 0.1 0.0 0.0

Manual Integrations
APPROVED

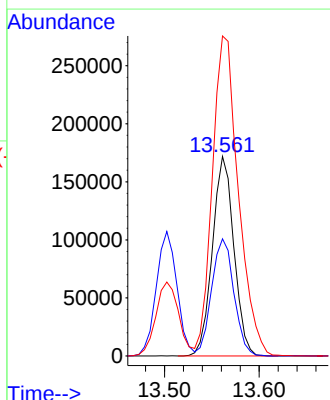
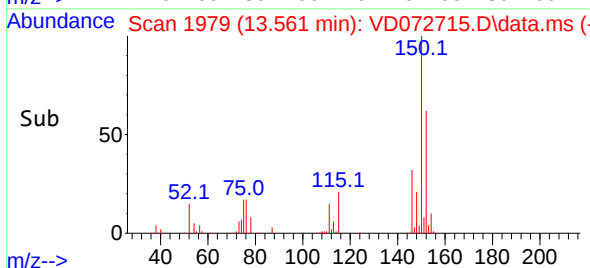
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

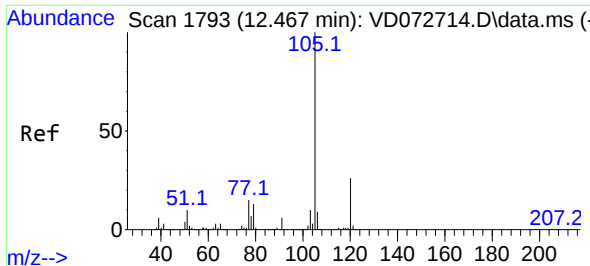


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56



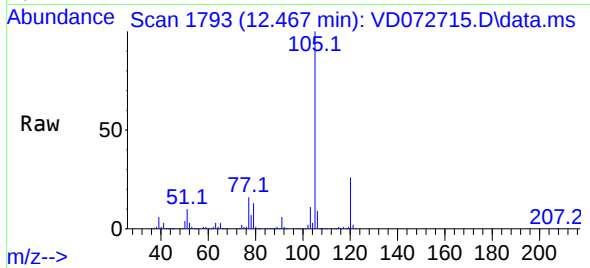
Tgt Ion:152 Resp: 270325
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 194.7 0.0 348.6





#73
Isopropylbenzene
Concen: 112.233 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

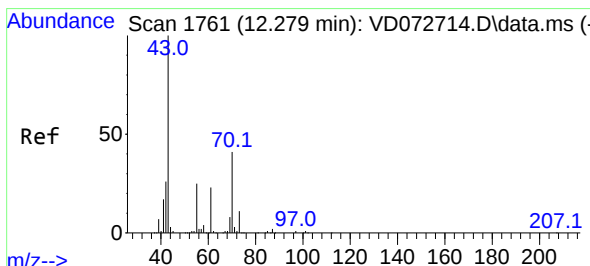
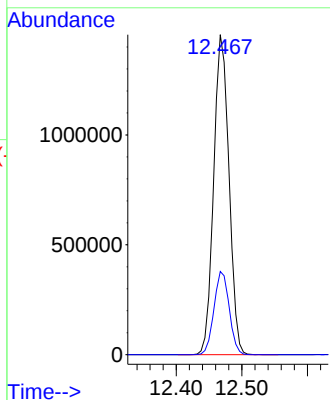
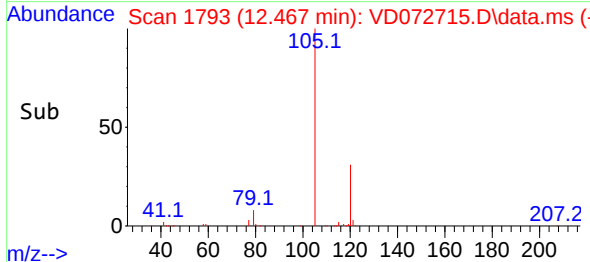
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



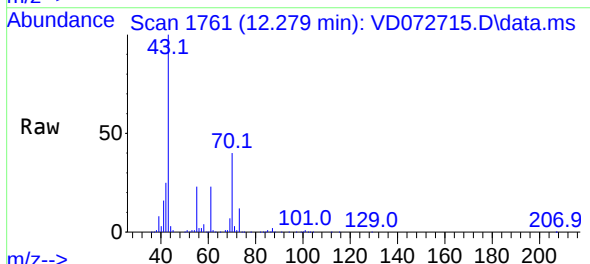
Tgt Ion:105 Resp: 234680
Ion Ratio Lower Upper
105 100
120 25.9 13.0 38.9

Manual Integrations
APPROVED

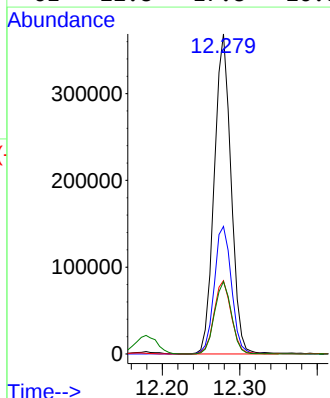
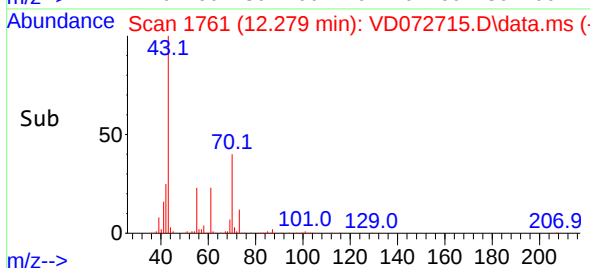
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

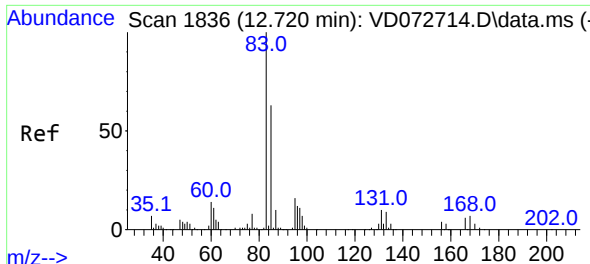


#74
N-ethyl acetate
Concen: 120.389 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56



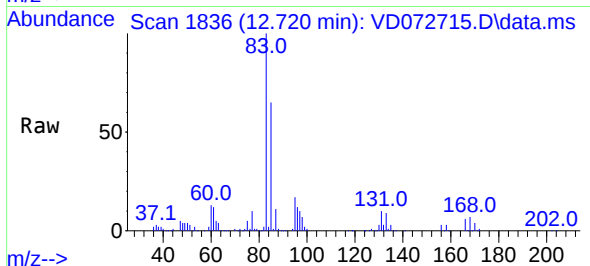
Tgt Ion: 43 Resp: 555047
Ion Ratio Lower Upper
43 100
70 41.0 31.3 46.9
55 23.5 20.0 30.0
61 22.8 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 94.160 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

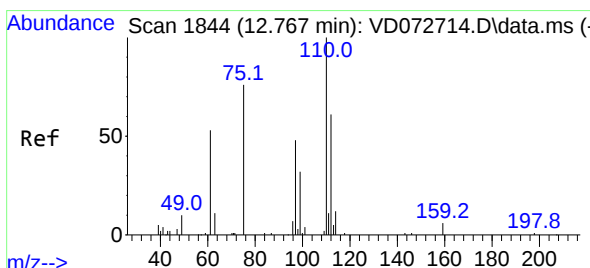
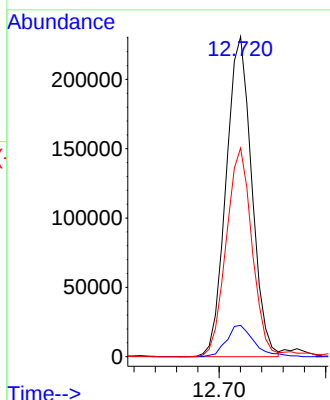
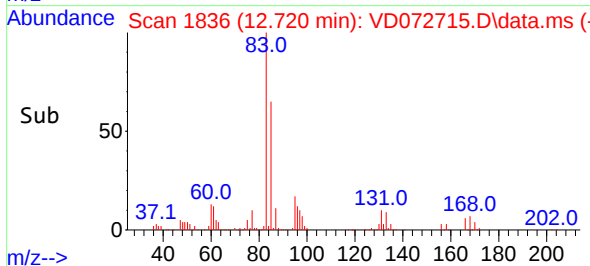
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



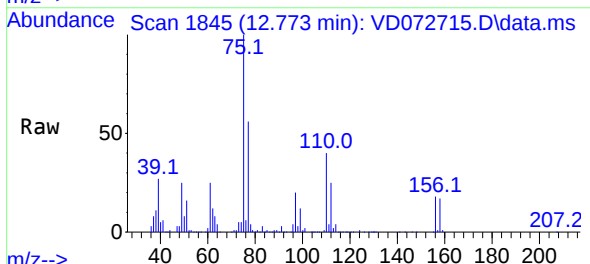
Tgt Ion: 83 Resp: 385104
Ion Ratio Lower Upper
83 100
131 10.5 5.0 14.9
85 66.9 32.6 98.0

Manual Integrations
APPROVED

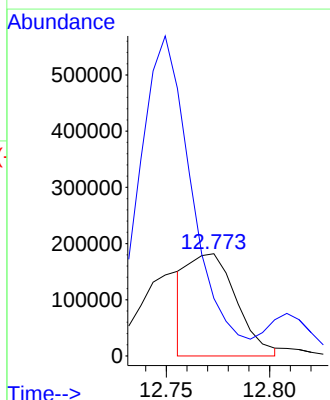
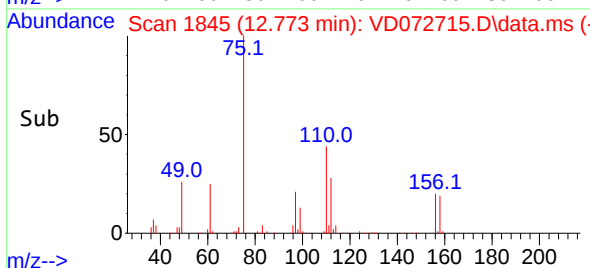
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

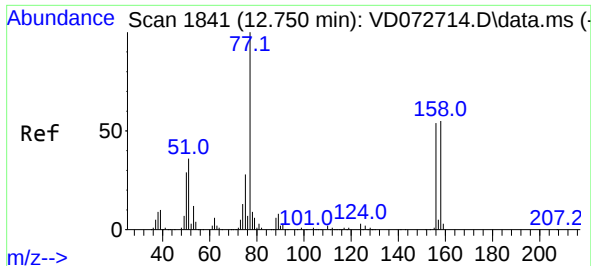


#76
1,2,3-Trichloropropane
Concen: 101.080 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56



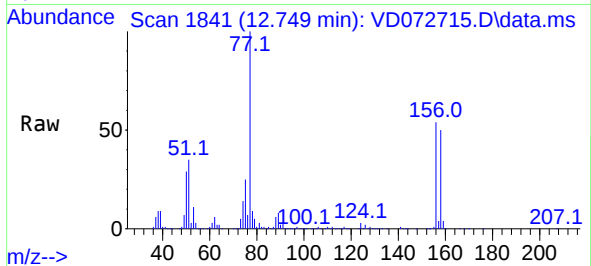
Tgt Ion: 75 Resp: 298581
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 107.022 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

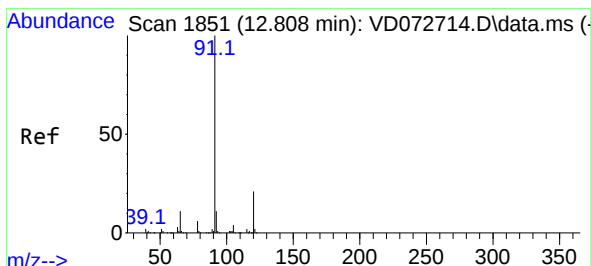
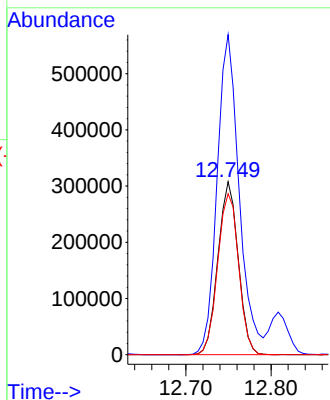
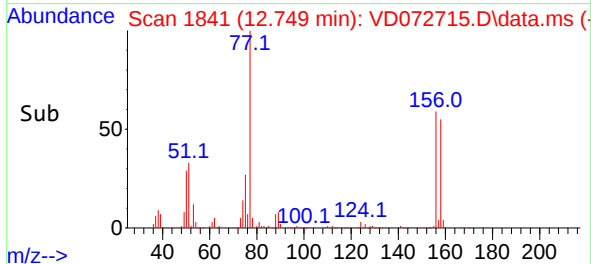
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion:156 Resp: 50962
Ion Ratio Lower Upper
156 100
77 201.2 102.8 308.3
158 96.1 48.7 146.1

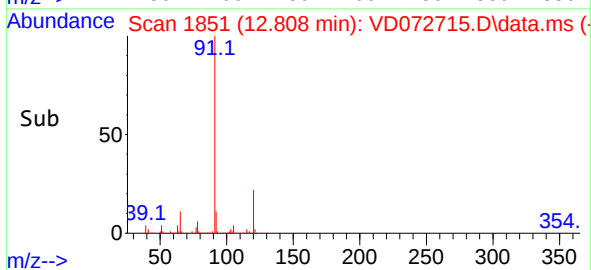
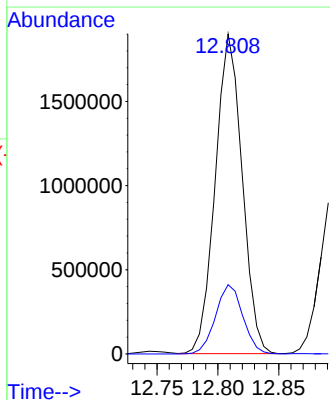
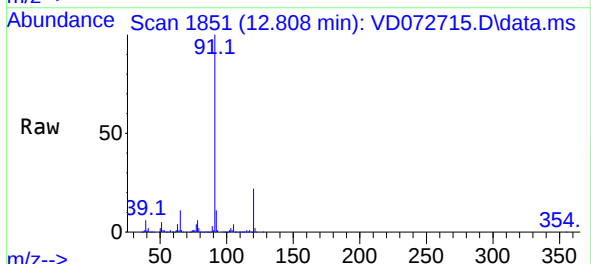
Manual Integrations
APPROVED

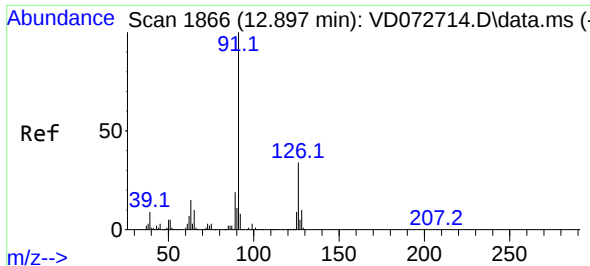
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#78
n-propylbenzene
Concen: 114.731 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

Tgt Ion: 91 Resp: 2912463
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.9





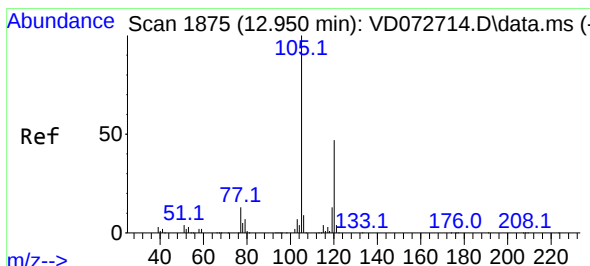
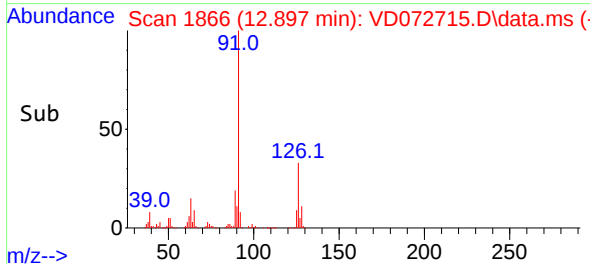
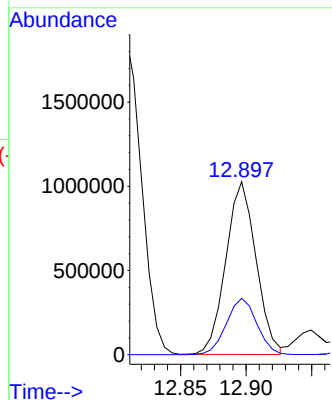
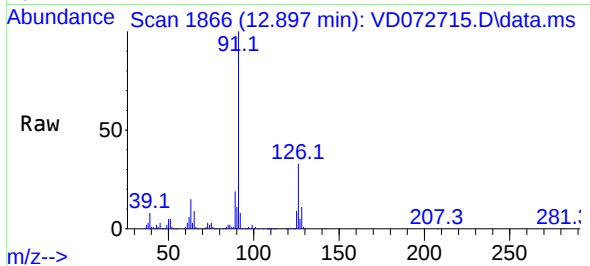
#79
2-Chlorotoluene
Concen: 110.616 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 164472
Ion Ratio Lower Upper
91 100
126 32.8 16.2 48.6

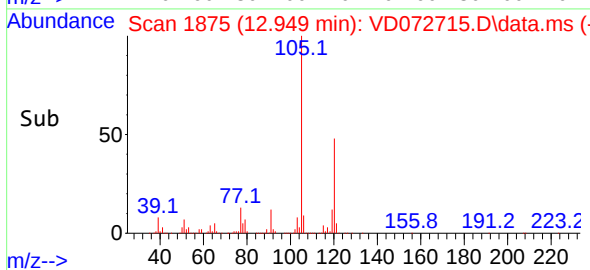
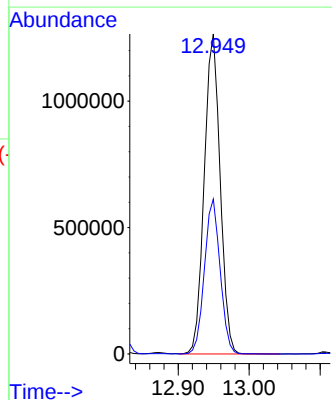
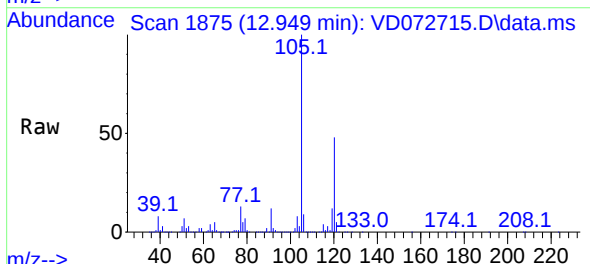
Manual Integrations
APPROVED

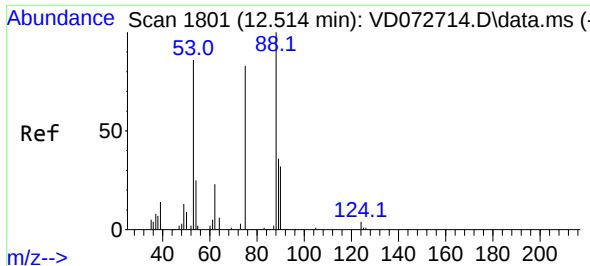
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 109.752 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

Tgt Ion:105 Resp: 1973927
Ion Ratio Lower Upper
105 100
120 47.7 24.3 72.8





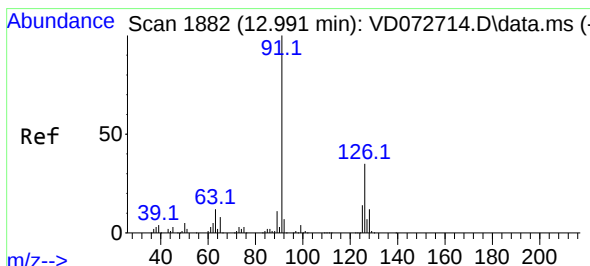
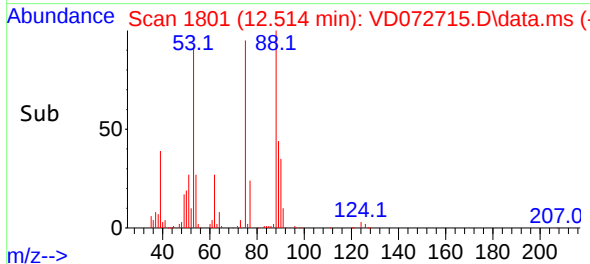
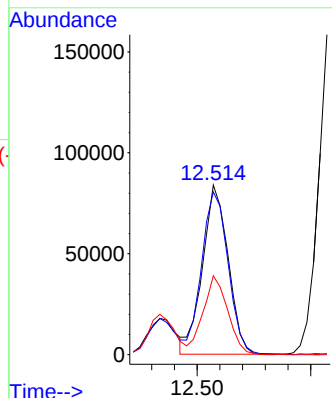
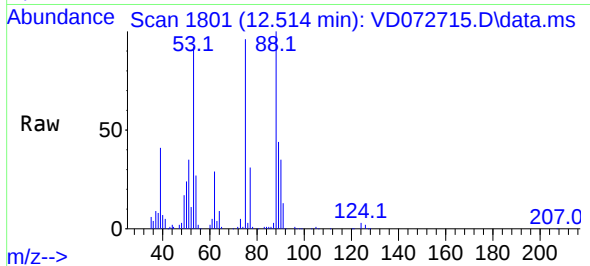
#81
trans-1,4-Dichloro-2-butene
Concen: 110.706 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 13165
Ion Ratio Lower Upper
75 100
53 98.8 86.5 129.7
89 44.8 33.9 50.9

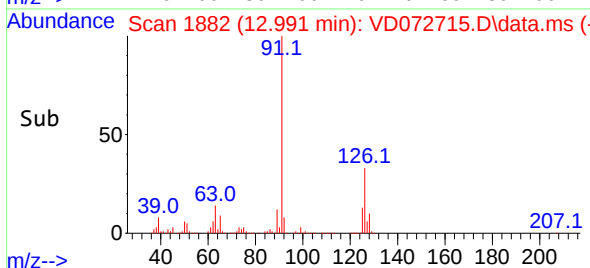
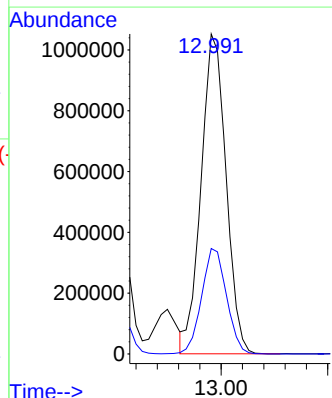
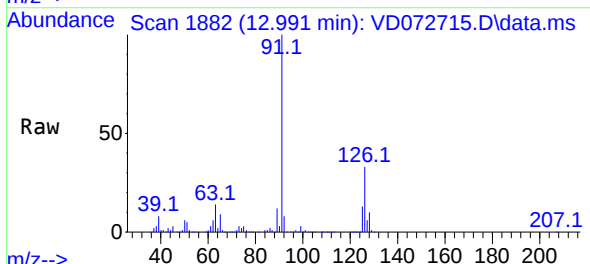
Manual Integrations
APPROVED

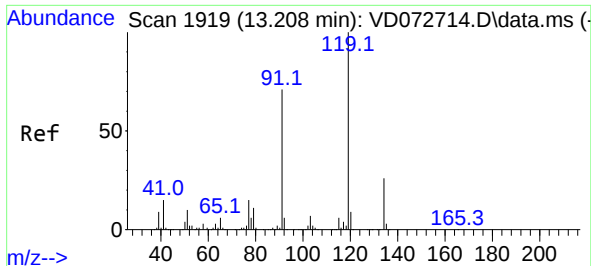
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#82
4-Chlorotoluene
Concen: 109.939 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

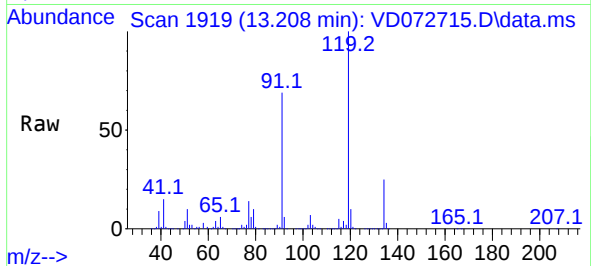
Tgt Ion: 91 Resp: 1712173
Ion Ratio Lower Upper
91 100
126 32.9 16.5 49.5





#83
tert-Butylbenzene
Concen: 108.303 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

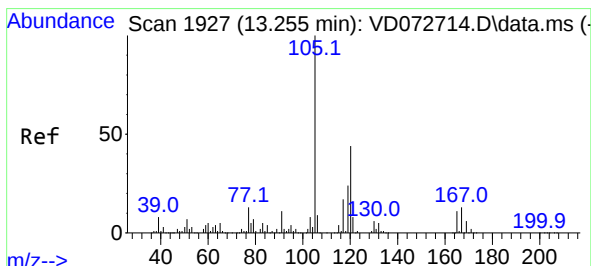
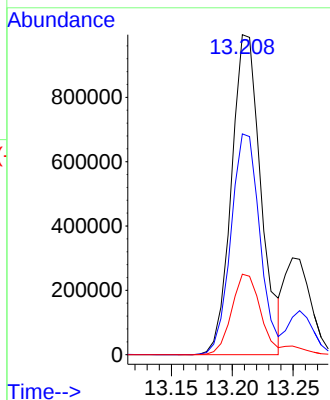
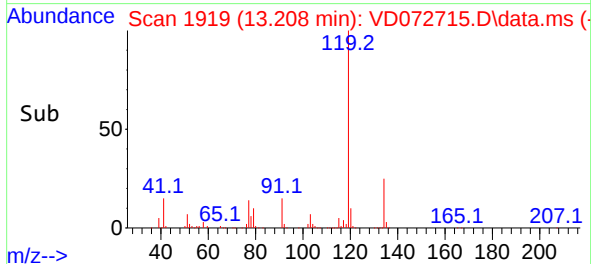
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



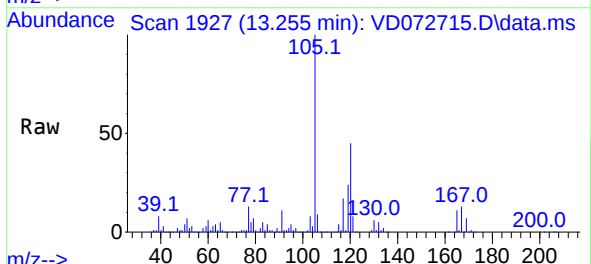
Tgt Ion:119 Resp: 1675358
Ion Ratio Lower Upper
119 100
91 67.7 34.8 104.5
134 26.5 13.3 39.9

Manual Integrations
APPROVED

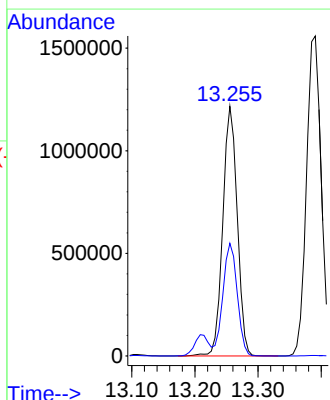
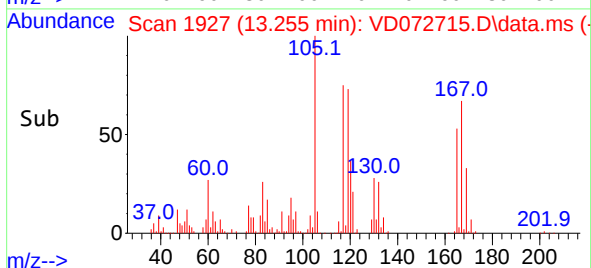
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

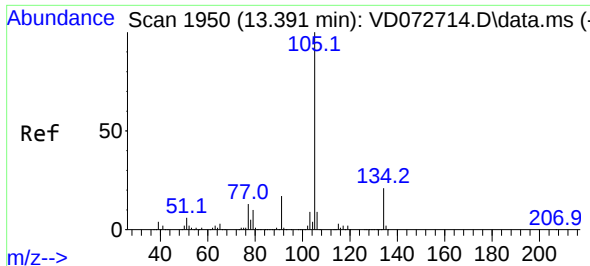


#84
1,2,4-Trimethylbenzene
Concen: 109.560 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56



Tgt Ion:105 Resp: 1934980
Ion Ratio Lower Upper
105 100
120 44.9 22.3 66.8





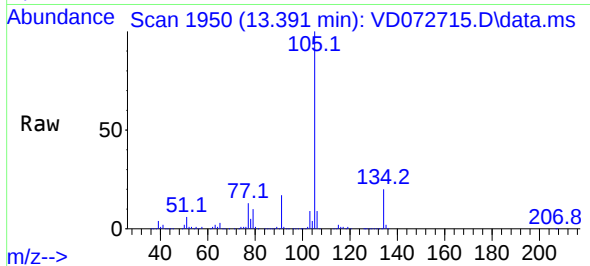
#85
 sec-Butylbenzene
 Concen: 108.441 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD072715.D
 Acq: 27 Apr 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

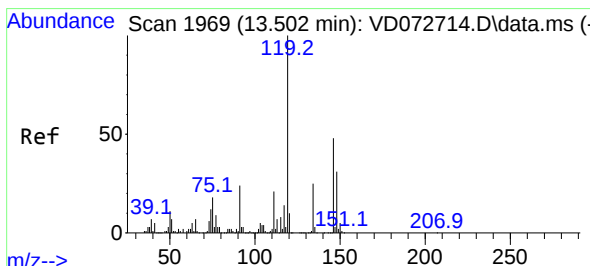
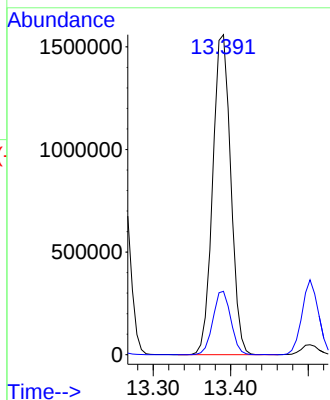
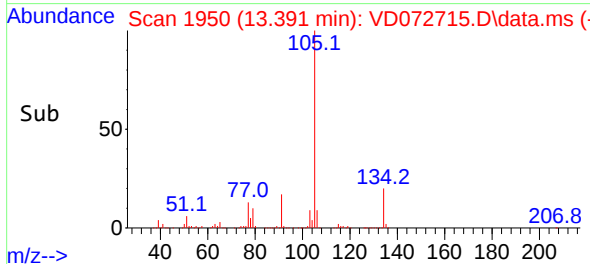


Tgt Ion:105 Resp: 251668
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

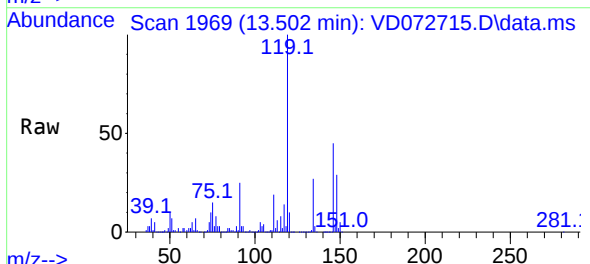
Manual Integrations

APPROVED

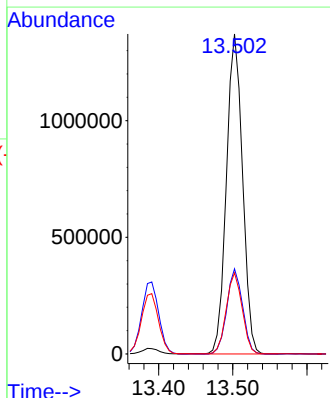
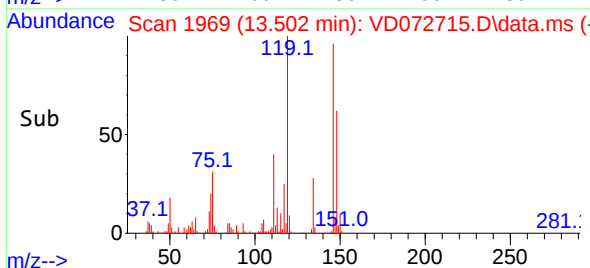
Reviewed By :John Carlone 04/28/2022
 Supervised By :Mahesh Dadoda 04/28/2022

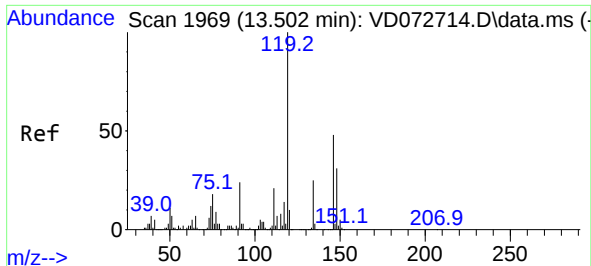


#86
 p-Isopropyltoluene
 Concen: 108.488 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD072715.D
 Acq: 27 Apr 2022 13:56



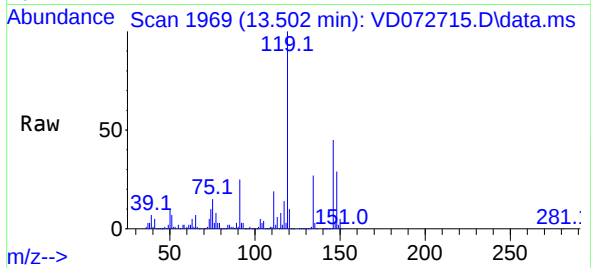
Tgt Ion:119 Resp: 2065597
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.6
 91 24.9 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 102.187 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

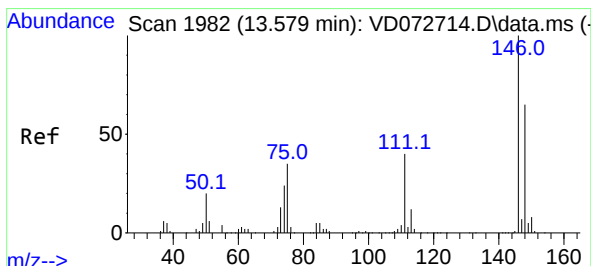
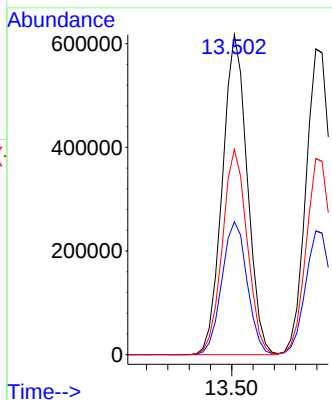
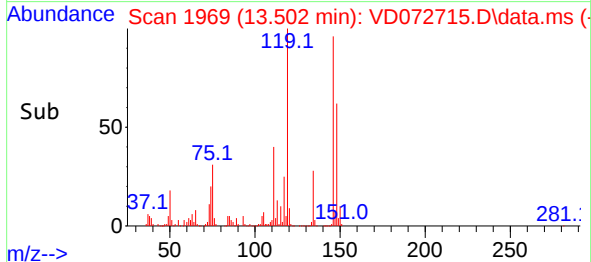
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



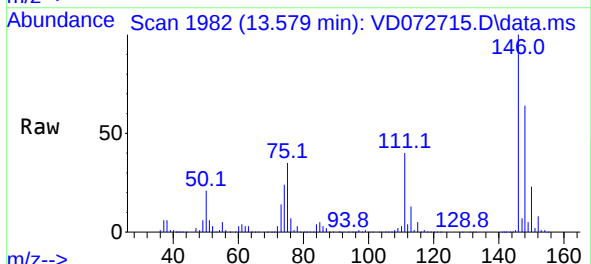
Tgt Ion:146 Resp: 100323
Ion Ratio Lower Upper
146 100
111 42.3 20.4 61.3
148 64.0 31.9 95.7

Manual Integrations
APPROVED

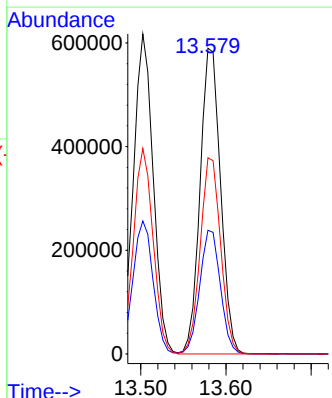
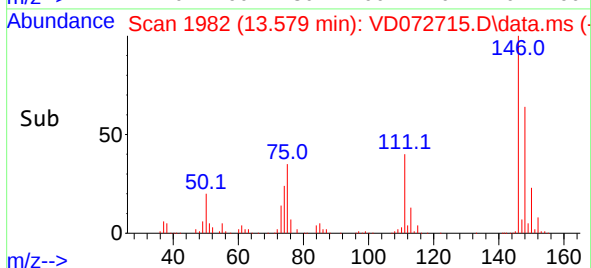
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

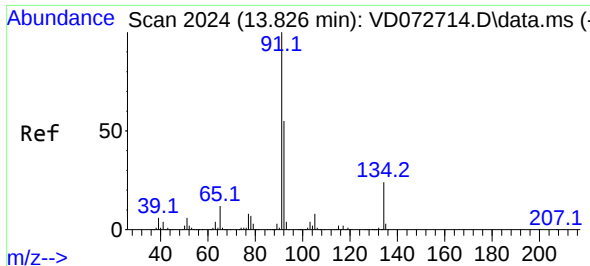


#88
1,4-Dichlorobenzene
Concen: 99.754 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56



Tgt Ion:146 Resp: 986737
Ion Ratio Lower Upper
146 100
111 40.7 20.3 60.9
148 63.8 31.7 95.1





#89
n-Butylbenzene
Concen: 111.975 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

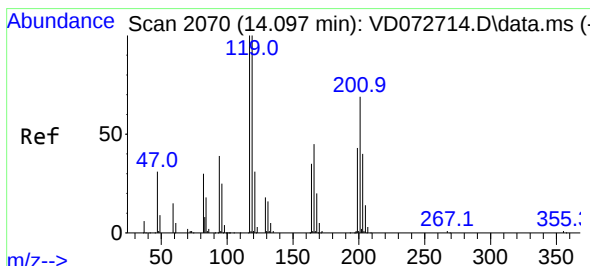
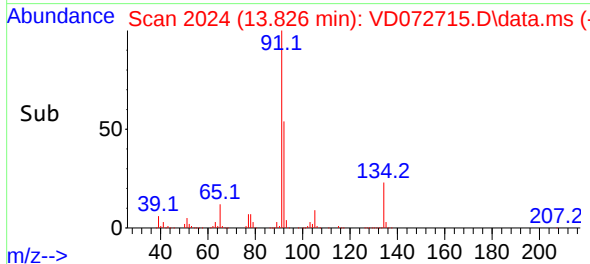
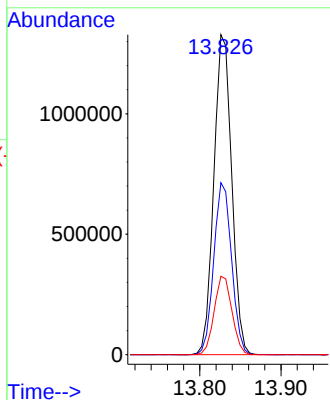
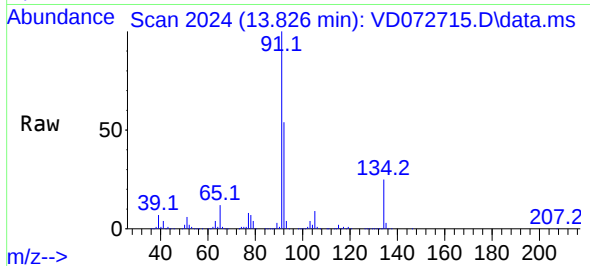
VSTDIC100

Tgt Ion: 91 Resp: 2033064
Ion Ratio Lower Upper
91 100
92 53.6 26.6 79.8
134 24.4 12.3 36.9

Manual Integrations

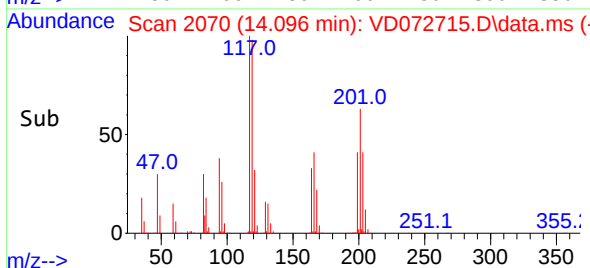
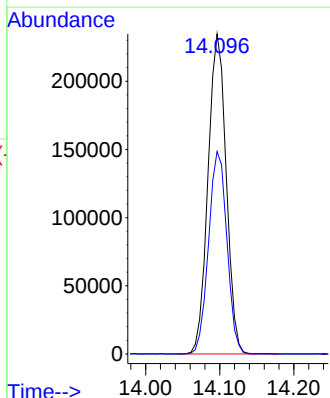
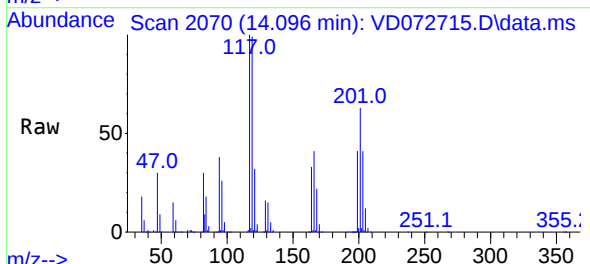
APPROVED

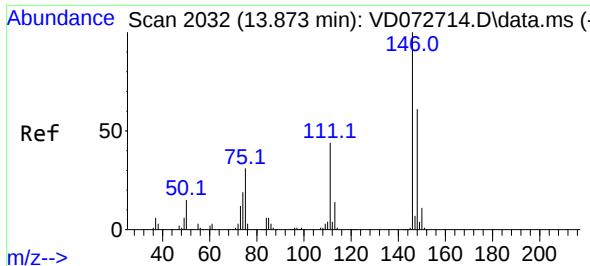
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#90
Hexachloroethane
Concen: 102.338 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

Tgt Ion:117 Resp: 400210
Ion Ratio Lower Upper
117 100
201 63.7 33.4 100.2





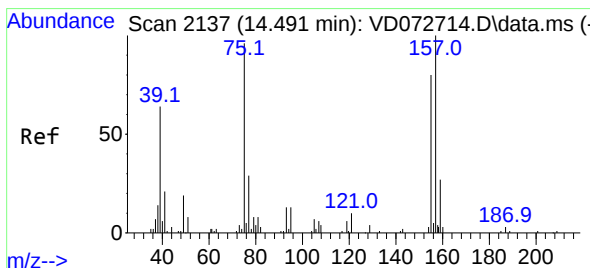
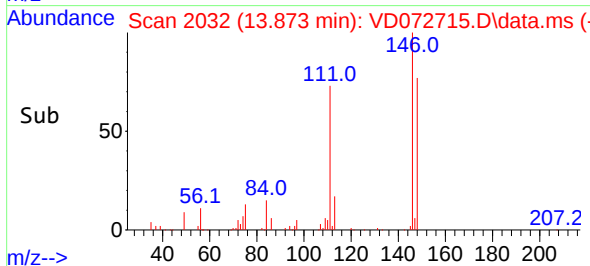
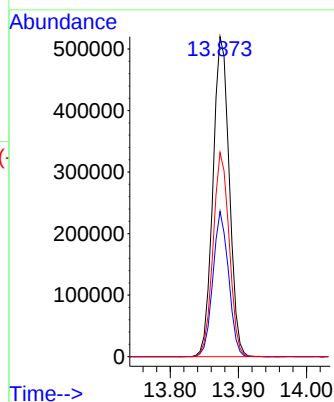
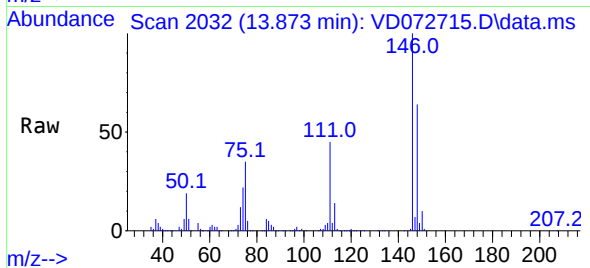
#91
1,2-Dichlorobenzene
Concen: 100.052 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:146 Resp: 864425
Ion Ratio Lower Upper
146 100
111 43.7 21.1 63.3
148 63.1 31.7 95.1

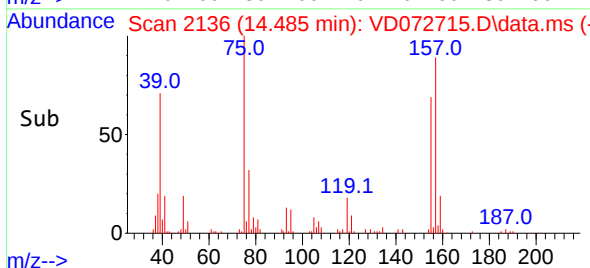
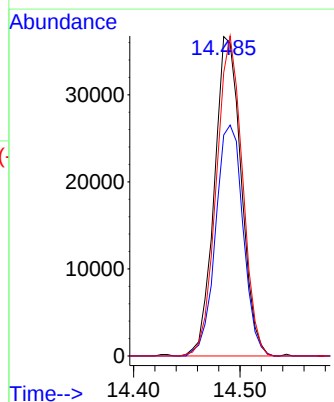
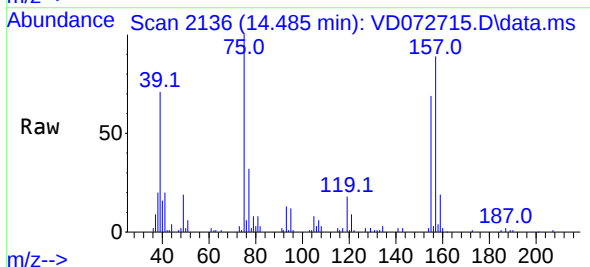
Manual Integrations
APPROVED

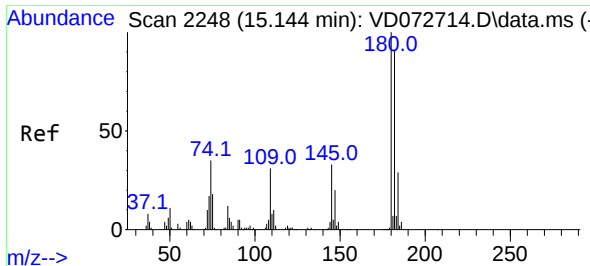
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 105.281 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

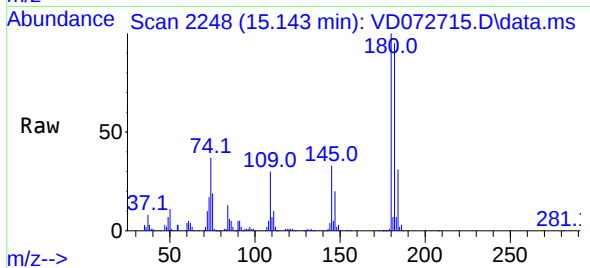
Tgt Ion: 75 Resp: 64112
Ion Ratio Lower Upper
75 100
155 74.1 36.8 110.3
157 97.1 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 98.694 ug/l
RT: 15.143 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

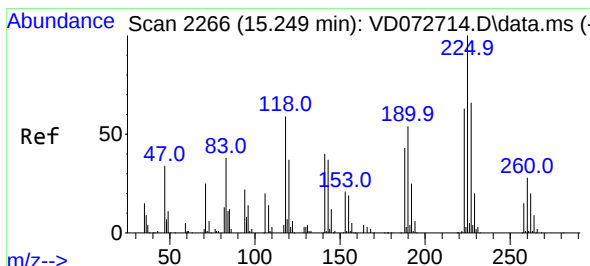
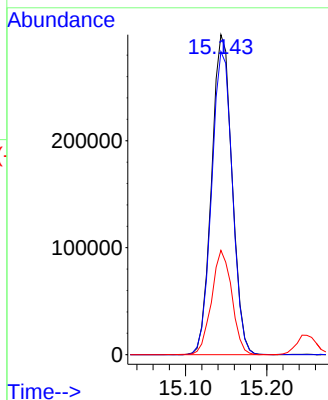
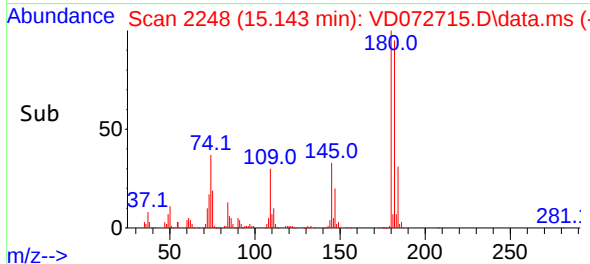
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



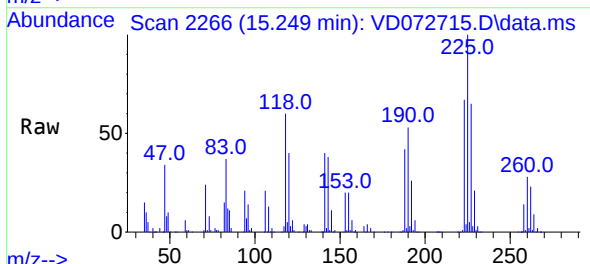
Tgt Ion:180 Resp: 52468
Ion Ratio Lower Upper
180 100
182 95.7 47.3 142.0
145 32.3 16.2 48.5

Manual Integrations
APPROVED

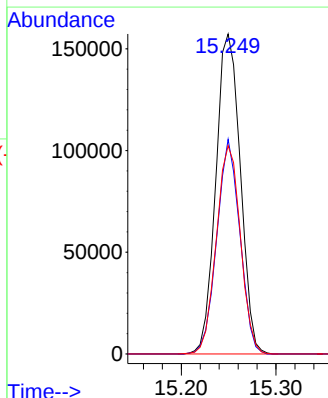
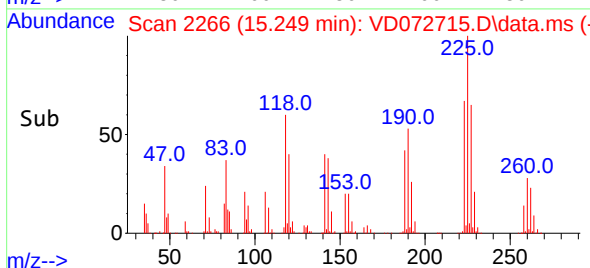
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

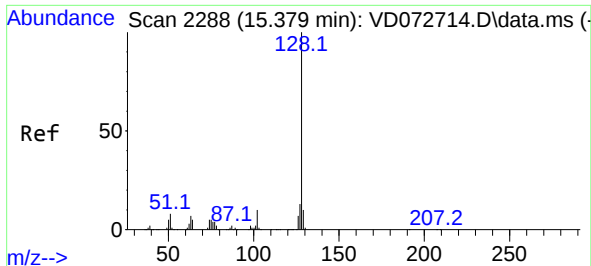


#94
Hexachlorobutadiene
Concen: 95.855 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56



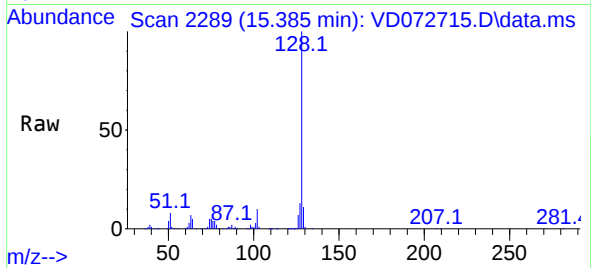
Tgt Ion:225 Resp: 282602
Ion Ratio Lower Upper
225 100
223 63.0 31.1 93.2
227 64.0 32.4 97.0





#95
Naphthalene
Concen: 95.625 ug/l
RT: 15.385 min Scan# 211
Delta R.T. 0.006 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

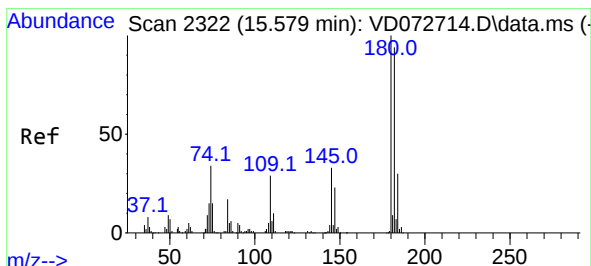
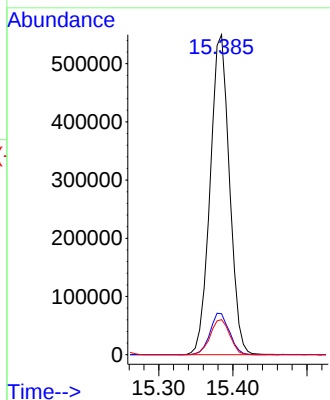
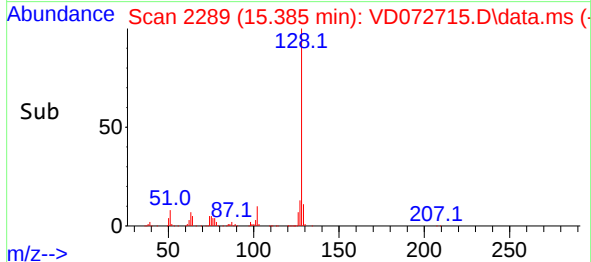
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion:128 Resp: 993684
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 96.441 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD072715.D
Acq: 27 Apr 2022 13:56

Tgt Ion:180 Resp: 448374
Ion Ratio Lower Upper
180 100
182 94.7 47.6 142.9
145 35.9 17.1 51.3

